ADA ACCESSIBLE SIDEWALK
STPN-210-3(041)--2J-85

LETTING DATE
Dec 15 2026

STORY COUNTY

IOWA DOT

REVISIONS

TOTAL
85
PROJECT IDENTIFICATION NUMBER
24-85-210-010
PROJECT NUMBER
STPN-210-3(041)--2J-85
R.O.W. PROJECT NUMBER
STPN-210-3(042)--2J-85

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM
STORY COUNTY
ADA ACCESSIBLE SIDEWALK

IA 210 in Maxwell
from South Street
0.78 miles to Woodlawn Street

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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

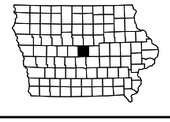
IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811 Know what's below. Call before you dig.

Index of Sheets

No.	Description
A Sheets	Title Sheets
*A.1	Title Sheet
*A.2	Location Map Sheet
B Sheets	Typical Cross Sections and Details
B.1 - B.5	Typical Section and Details
C Sheets	Quantities and General Information
C.1 - C.3	Estimated Project Quantities and Reference Notes
C.4	Standard Road Plans
C.4	Index of Tabulations
C.4 - C.9	Tabulations
D Sheets	Mainline Plan and Profile Sheets
*D.1	Plan & Profile Legend & Symbol Information Sheet
*D.2 - D.15	US 6 Plan and Profile
G Sheets	Survey Sheets
G.1	Reference Ties and Benchmarks
G.2	Horizontal Control Tab
H Sheets	Right of Way Sheets
*H.1 - H.13	IA 210 (MAIN ST, 5TH ST)
J Sheets	Traffic Control and Staging Sheets
J.1	Traffic Control Plan
J.1	Staging Notes
R Sheets	Erosion Control Sheets
RC.1 - 3	Estimated Quantities, PPP, General Notes and Tabulations
*RR.1	Erosion Control Legend and Symbol Information Sheet
*RR.2 - 14	Erosion Control Plan Sheets
S Sheets	Sidewalk Sheets
*S.1	Sidewalk Legend and Symbol Information Sheet
*S.2 - 20	Sidewalk Plan & Tabulation Sheets
U Sheets	500 Series, Mod. Stds. And Detail Sheets
*U.1	Retaining Wall Plan & Profile Sheets

* Color Plan Sheets

Scan the QR code or click the link below to leave plan quality feedback and help us improve future projects.



INDEX OF SEALS

SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	Adam Juel	Primary Signature Block	

ROADWAY DESIGN

LICENSED PROFESSIONAL ENGINEER
Adam C. Juel
17761
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.

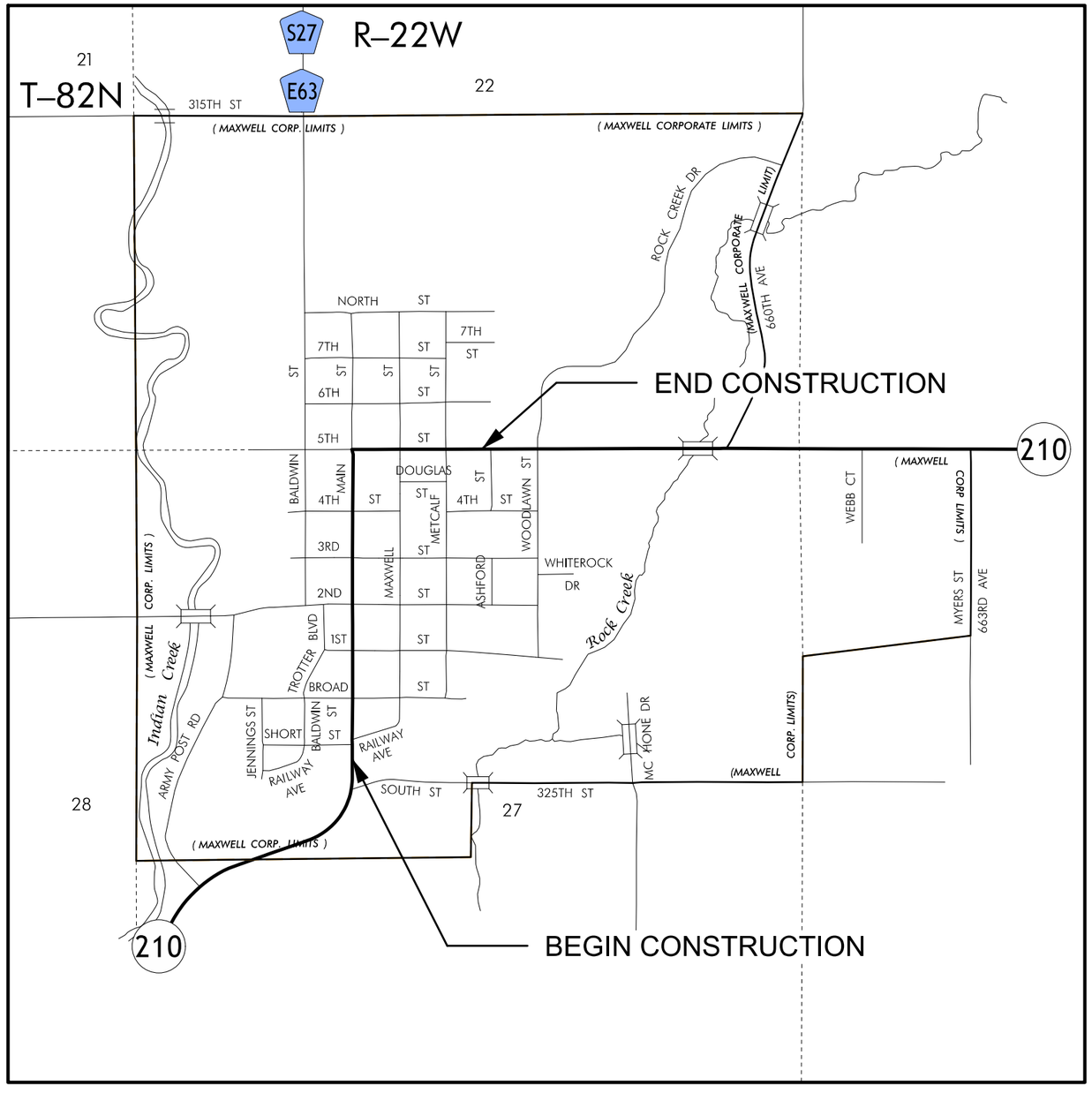
Signature — Date: 09-25-2026
ADAM C. JUEL
Printed or Typed Name

My license renewal date is December 31, 2026

Pages or sheets covered by this seal: ALL SHEETS

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER A.1

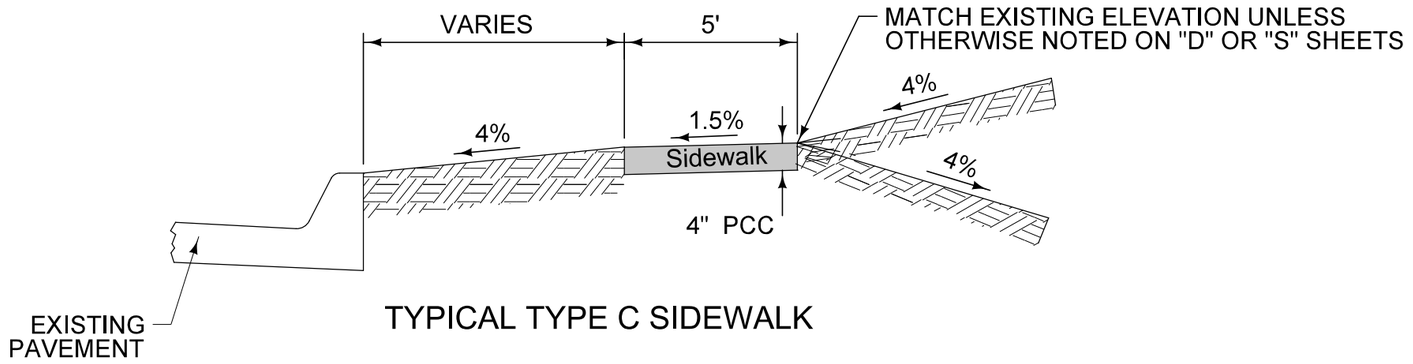
11:16:10 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_A_SHT.dgn



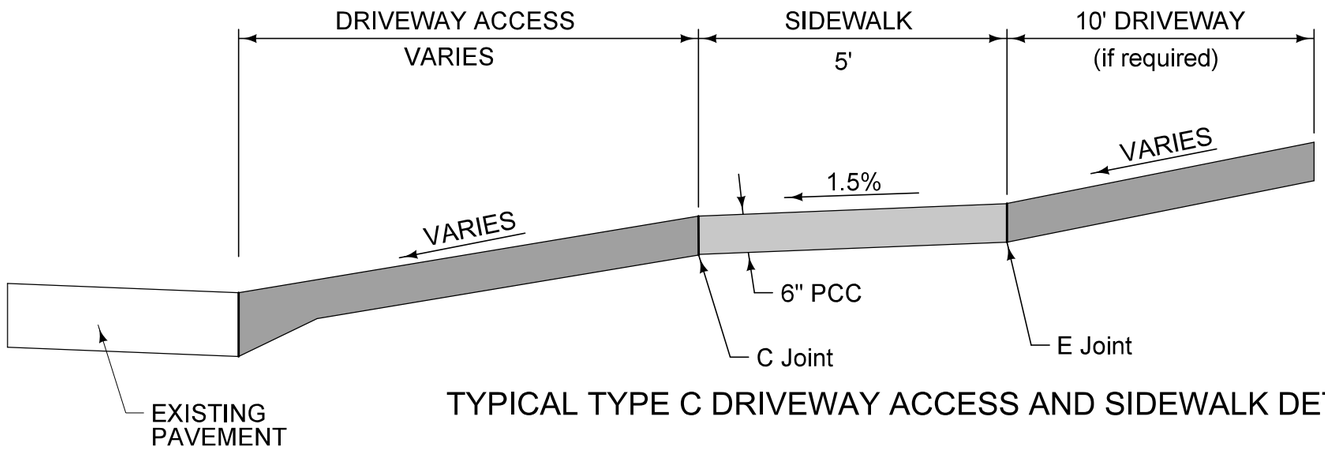
LOCATION MAP SCALE
0 1 2 3
Miles

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER A.2

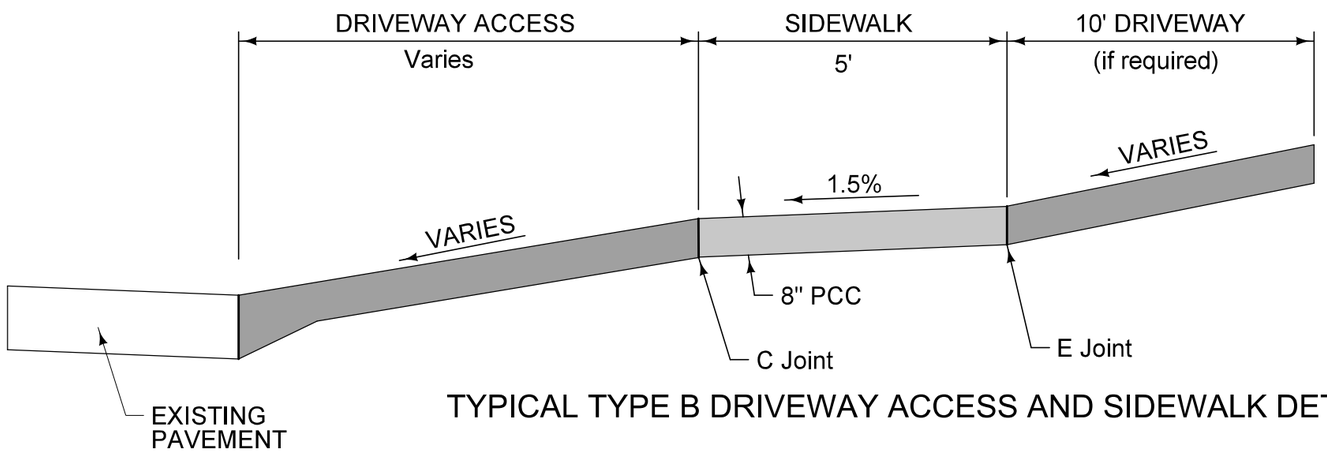
11:16:11 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_A_SHT.dgn



TYPICAL TYPE C SIDEWALK



TYPICAL TYPE C DRIVEWAY ACCESS AND SIDEWALK DETAIL

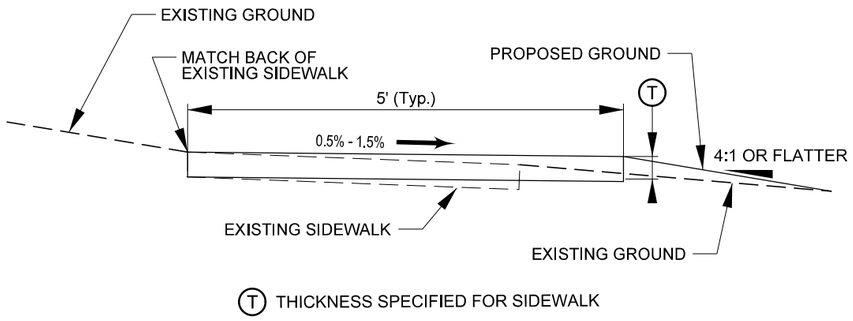


TYPICAL TYPE B DRIVEWAY ACCESS AND SIDEWALK DETAIL

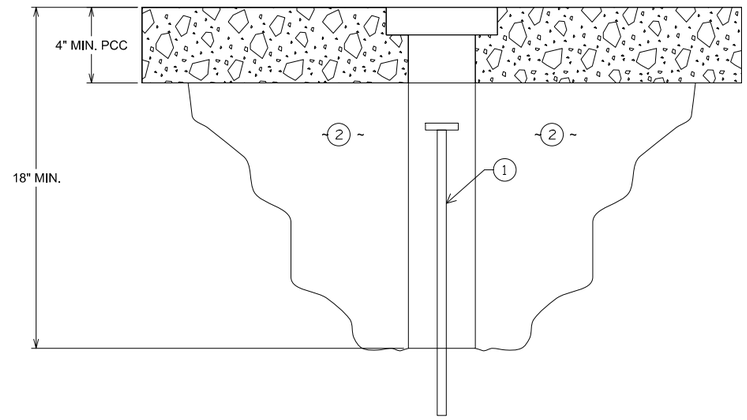
FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER B.1	

11:30:19 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_B_SHT.dgn

SIDEWALK TYPICAL SECTION

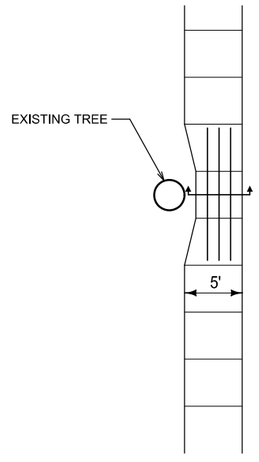


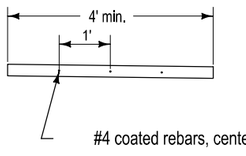
VALVE BOX ENCASED IN PCC SIDEWALK OR DRIVEWAY FOR CURB STOP ADJUSTMENT DETAIL



NOTES:

1. CURB STOP TO BE ADJUSTED BELOW SIDEWALK ELEVATION.
   MIN OF 3 INCH CLEARANCE TO TOP OF VALVE BOX LID.
   COORDINATE ALL ADJUSTMENTS WITH OWNER
2. SAND FILL COMPACTED TO 95% STANDARD PROCTOR.

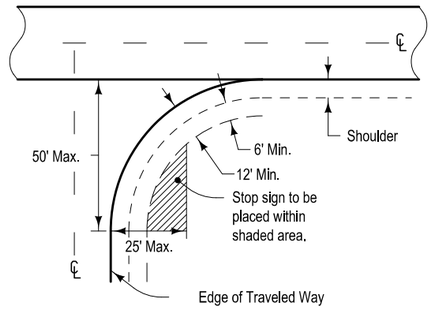




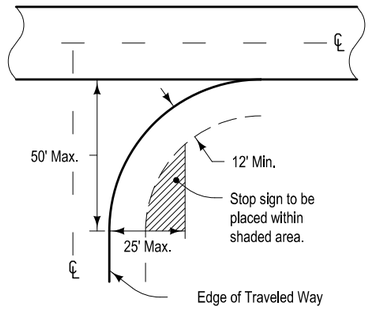
NOTES:

1. Contractor shall maintain proposed edge of walk alignment unless approved by the Engineer.
2. Minimum 4' panel lengths.
3. All additional materials and labor are incidental to sidewalk bid item.
4. Utilize detail when existing edge of tree or root systems do not allow for 5' sidewalk.
5. Rebar shall not be placed on grade or dropped into plastic concrete.

9503
07-15-97



CASE 'A'
WITH SHOULDER



CASE 'B'
WITHOUT SHOULDER

NOTES:

Stop signs should be confined to the shaded areas, but as close to the approach roadway as possible to provide the motorist with the best visual impact.

If possible, stop signs should be placed at the point where vehicles are to stop or as near as practical.

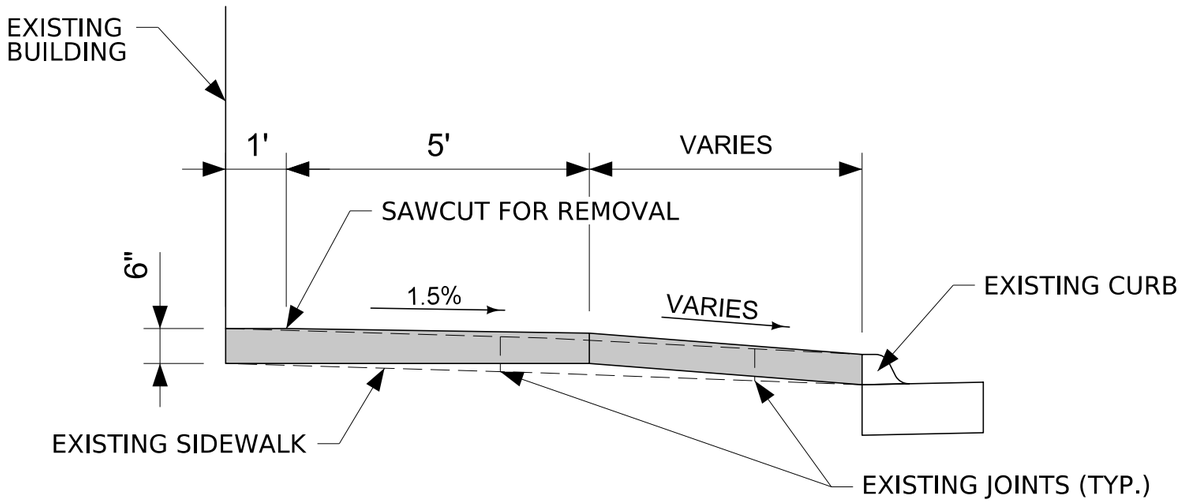
In rural areas, the lateral clearance should not be closer than 6' from the edge of a usable shoulder, or if none, 12' from edge of the traveled way.

In urban areas, stop signs should be placed a minimum of 6' from the near edge of the intersected street or a minimum of 4' in advance of the near edge of a marked crosswalk. Lateral clearance may be reduced to a minimum of 2' from the face of a curb.

Where the approach roadway consists of two lanes of traffic, a second stop sign should be placed where it is visible to traffic in the inner lane.

At channelized intersections, the additional stop sign may be placed on a channelized island or median.

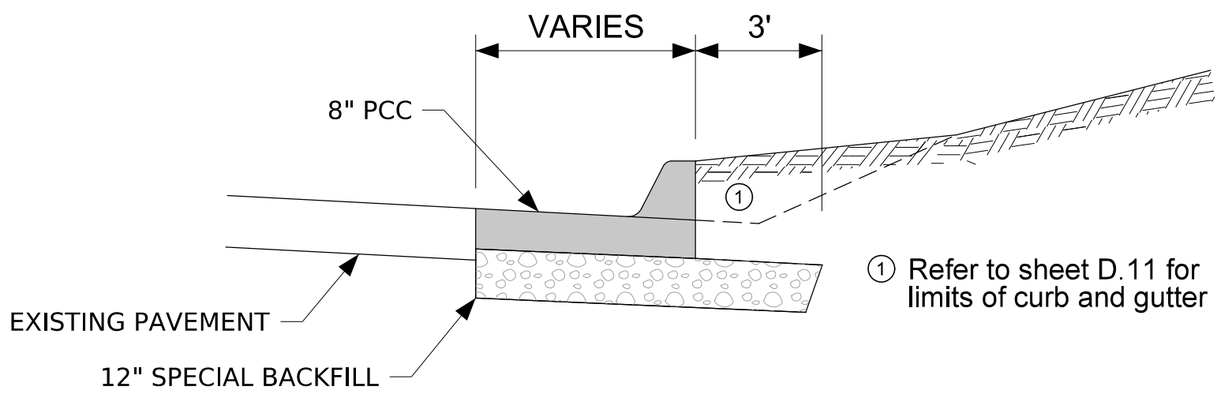
STOP SIGN PLACEMENT



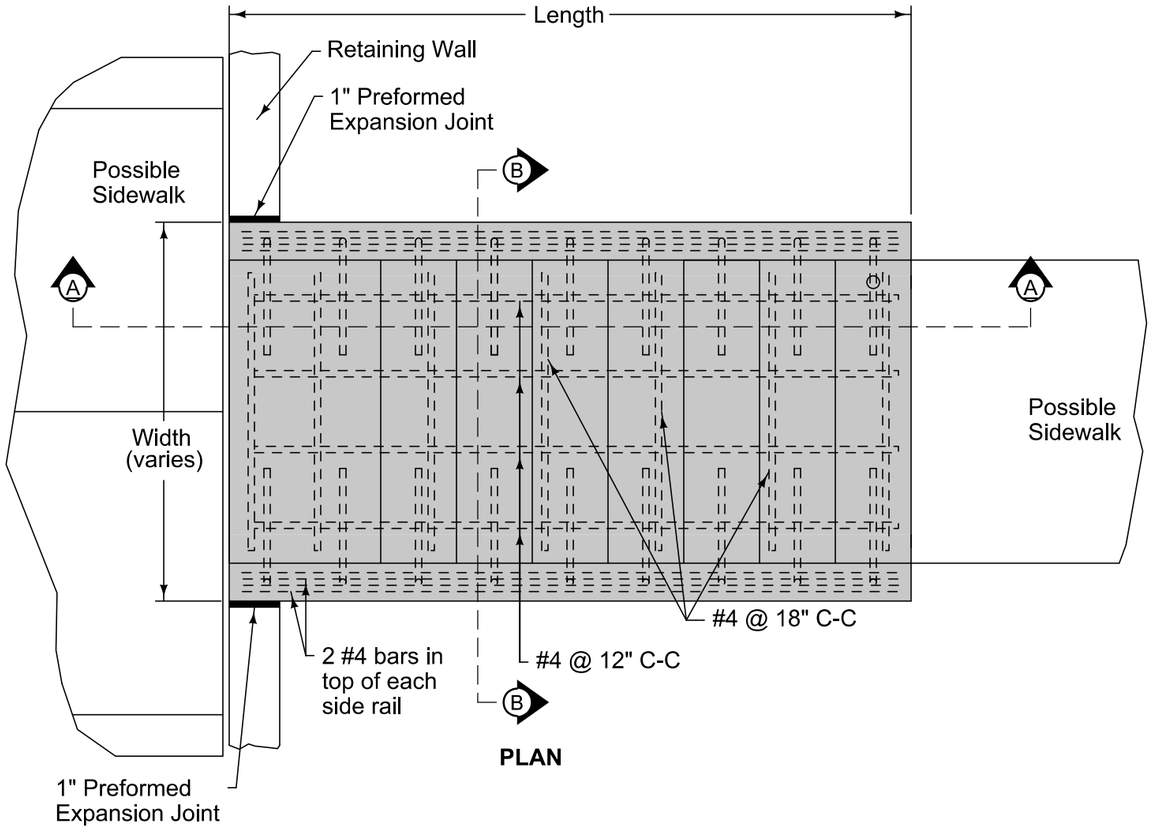
TYPICAL DOWNTOWN SIDEWALK DETAIL

LOCATION		
STATION TO STATION (APPROX.)		SIDE
103+99.08	104+62.97	LT
106+77.61	107+67.53	LT
106+97.81	109+58.12	RT
109+19.40	109+59.35	LT
110+48.56	111+31.84	RT

Note: Sidewalk adjacent to existing building should be removed entirely after sawcut operation is performed.



TYPICAL PAVEMENT WIDENING

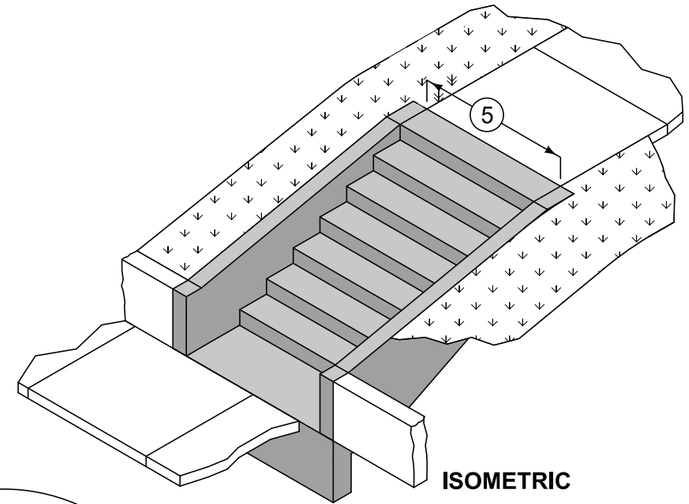


PLAN

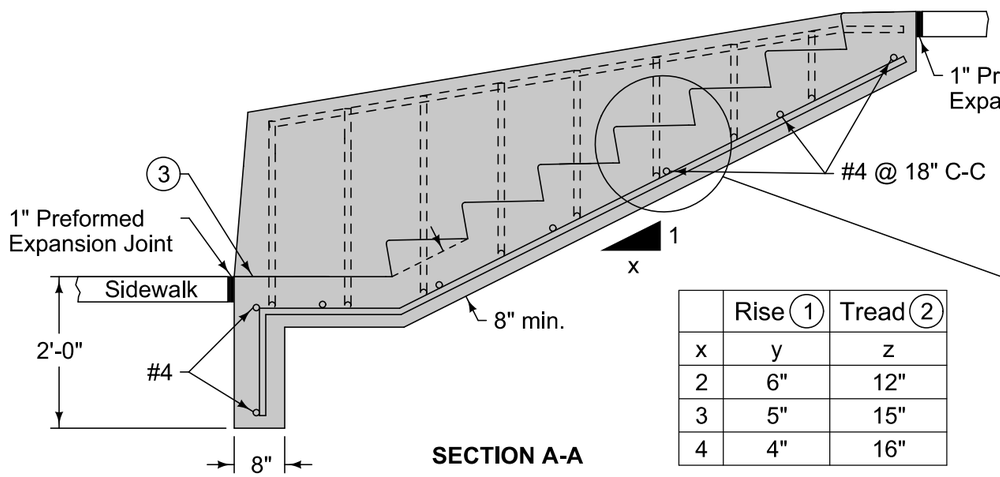
Provide a minimum of 2 inches of cover for all reinforcing.

Ensure all risers are an equal height and all treads are an equal depth within a flight of stairs.

1. Minimum riser height is 4 inches. Maximum riser height is 7 inches.
2. Minimum tread depth is 11 inches.
3. Construct cross slope of landing to match adjacent sidewalk.
4. Slope tread 1% minimum to 2% maximum in any direction.
5. Match existing sidewalk width.

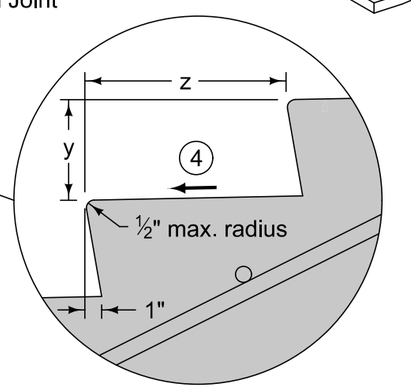


ISOMETRIC



SECTION A-A

	Rise (1)	Tread (2)
x	y	z
2	6"	12"
3	5"	15"
4	4"	16"



SUDAS

MODIFIED
1 2022 Edition

9080.102

SHEET 1 OF 2

SUDAS Standard Specifications

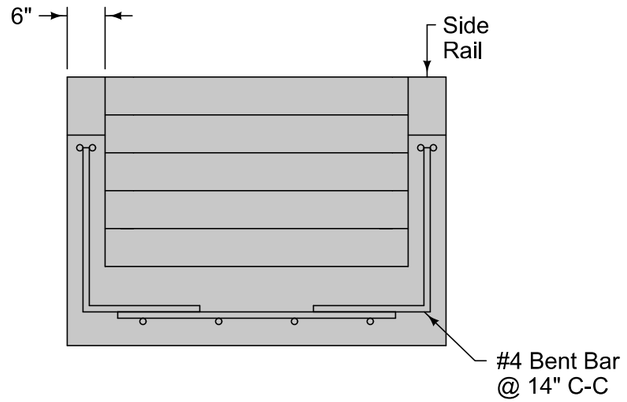
TYPE B CONCRETE STEPS

FIGURE 9080.102

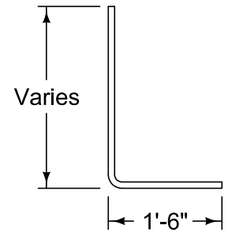
SHEET 1 OF 2

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER B.4

11:30:20 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_B_SHT.dgn



SECTION B-B
(Side Rails and Stairs Formed and Constructed Monolithically)



BENT BAR

Provide a minimum of 2 inches of cover for all reinforcing.

Ensure all risers are an equal height and all treads are an equal depth within a flight of stairs.

(6) Weld post to anchor plate with 1/4 inch weld. Grind weld to provide smooth surface, free of burrs.

(7) Upon approval of Engineer, side rails may be formed and constructed separately from the stairs. Seal the cold joint between the side rail and stairs according to Section 7010.

(8) If side rails and stairs are constructed separately, dowel bar substitutes may be used for the bent bars connections between the side rails and the stairs.

FIGURE 9080.102

SHEET 2 OF 2

SUDAS

MODIFIED
1 | 2022 Edition

9080.102

SHEET 2 OF 2

SUDAS Standard Specifications

TYPE B CONCRETE STEPS

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER B.5

11:30:21 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_B_SHT.dgn

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2101-0850002	CLEARING AND GRUBBING	UNIT	720	"All wood material generated as a result of Clearing and Grubbing must be disposed of according to Iowa Department of Agriculture and Land Stewardship Emerald Ash Borer Quarantine Order. For more information see www.iowatreepests.com." Refer to Tab 110-17 and D-Sheets for locations.
2	2102-0425071	SPECIAL BACKFILL	CY	73.7	Bid item included for the assumed 12" subbase under radius widening and 6" under entrance pavement proposed commercial entrance at Sta. 101+19. Refer to Tab. 100-24 and Tab. 102.3 on Sheet C.5.
3	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	154.76	Item is included for the excavation associated with non-paved driveways, new sidewalk construction in areas without existing sidewalk, and sidewalk widening. Dispose of excess material according to Article 1106.07 of the current specifications.
4	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	83.7	Bid item included to be used for backfilling adjacent to the sidewalk after form removal.
5	2302-1200080	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 8 IN.	SY	84.5	Item included for radius widening. Refer to Tab 100-24 and Sheet D.11 for additional information.
6	2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	1	Refer to Tab 110-02 on Sheet C.4 for locations.
7	2435-0250104	INTAKE, SW-501, TOP ONLY	EACH	3	Refer to Sheet D.3, D.5 and D.9 for location.
8	2435-0251224	INTAKE, SW-512, 24 IN.	EACH	1	Bid item included for the connecting and modifying of SW-512 and 18" pipe. Refer to Sheet D.13.
9	2435-0700020	CONNECTION TO EXISTING INTAKE	EACH	1	
10	2499-7000000	PCC STEPS	SF	25	Refer to B sheets for typical details. Refer to Sheet D.12 and U.1 for additional details.
11	2503-0114418	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	10	Bid item included for the connecting and modifying of SW-512 and 18" pipe. Refer to Sheet D.13.
12	2510-6745850	REMOVAL OF PAVEMENT	SY	209.4	Refer to Tab 110-1 Sheet C.4. This item covers the removal of existing pavement at radius widening location and 1' width pavement along curb removals. Removal of pavement includes 2360.4 linear feet of full depth saw cut.
13	2511-6745900	REMOVAL OF SIDEWALK	SY	2,963.1	Refer to Tab. 110-5 on Sheet C.5. Includes 515.9 linear feet of full depth saw cut. See traffic control plan for pedestrian staging or closings. See Sheet B.3 for saw cut in front of building.
14	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	1,781.5	Refer to B-sheets for typical drawing and Tab. 113-1A on Sheet C.6. Refer to Standard Road Plan MI-220 and S-sheets for additional details. Sidewalk shall be constructed at a minimum of 5' wide. Any locations constructed less than 5' in width to avoid conflicts with existing features, trees, or landscaping shall be approved by Engineer. Bid item includes the removal of tree roots and other debris as required to provide a uniform subgrade necessary for new sidewalk construction. Expansion joint located at building, back of curb, and footing shall be an 'E' joint per Standard Road Plan PV-101.
15	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	1,819.5	
16	2511-7526008	SIDEWALK, P.C. CONCRETE, 8 IN.	SY	48.9	
17	2511-7528101	DETECTABLE WARNINGS	SF	568	Refer to Tab 113-1A, Standard Road Plan MI-220, and S-sheets for locations and details. Detectable warning shall be cast iron.
18	2512-1725206	CURB AND GUTTER, P.C. CONCRETE, 2.0 FT.	LF	1,045	Refer to Tab 100-05 on Sheet C.7 and C.8 for additional information. 2.5' curb and gutter shall be constructed on radius and sideroad. 2.0' curb and gutter shall be constructed along IA 210.
19	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	515	
20	2514-0000200	REMOVAL OF CURB	STA	15.5	Refer to Tab 110-04 on Sheet C.4 for additional information.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
21	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	686.6	Refer to Tab. 102-3 on Sheet C.5.
22	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	321.7	
23	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	726.1	Refer to Tab. 110-8 on Sheet C.5. Requires 279.8 linear foot of full depth saw cut.
24	2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	14.1	Refer to Tab 108-16 on Sheet C.8, Sheet D.12, U.1 and Standard Road Plan MI-221 for additional information.
25	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	3	Refer to Tab 190-61. The Contractor shall remove each sign and the hardware used to secure the sign to another sign, posts, or sign support structure. For signs mounted directly to posts, removal of the sign shall include removal of the posts. Posts may be either wood posts or steel breakaway sign posts. The removal of concrete footings for steel breakaway sign posts will be measured and paid for separately. Holes remaining from the removal of wood posts shall be backfilled with suitable earth to the original level or to the natural ground surface in accordance with Article 2402.09 of the Standard Specifications. All steel posts removed shall become the property of the Contractor. Unless otherwise noted, wood posts removed shall remain the property of DOT. The Contractor shall deliver the wood posts to a DOT storage area within 50 miles, as designated by the Engineer. **The existing sign shall be removed and stored. The Contractor shall remove the sign and transport it to a DOT storage area within 50 miles, as designated by the Engineer. The Contractor shall transport the sign back to the job site when ready for reinstallation. The Contractor shall furnish all necessary hardware to install the signs. When the new installation is similar to the original installation, unless otherwise noted, the existing hardware may be used to reinstall the sign. Signs damaged by the Contractor's activities shall be replaced at the Contractor's expense. Replacement materials shall be new. The DOT will furnish all details necessary for fabrication of the replacement materials. 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.
26	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LS	1	Refer to TC-283 for traffic control layout. Staking in the S Sheets is incidental to Construction Survey, Location Survey. This staking will be defined as verifying slopes of the form work by using a level, or other means, at the quadrants identified in the S Sheets. This serves as an additional check to verify slopes are within tolerances prior to placing concrete. Survey information provided in project plans is for reference only and should not be used for purposes related to construction survey. Project plans and associated electronic files are not geo-referenced to a standard coordinate system and should not be used to establish construction survey baselines. Prior to construction, perform a survey to lay out the proposed grading design per Section 2526.01.
27	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Traffic Control Plan on Sheet J.1.
28	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	172.9	Refer to Tab. 102-6C on Sheet C.9. This item includes HMA for tie-in to existing pavement after PCC curb construction. Quantity includes 1' width for the length of curb reconstruction.
29	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	52	
30	2533-4980005	MOBILIZATION	LS	1	- -
31	2554-0212040	VALVE BOX ADJUSTMENT, MINOR	EACH	3	Refer to Sheet B.2 for details and D sheets for locations.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
32	2601-2634105	MULCHING, BONDED FIBER MATRIX	ACRE	2	Apply Bonded Fiber Matrix as the mulch for all areas designated as "Seeding and Fertilizing (Urban)". Apply seed and fertilizer for the area to be covered before applying Bonded Fiber Matrix Mulch. Apply Bonded Fiber Matrix Mulch at a rate of a minimum of 3000 pounds per acre.
33	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	1	For all areas designated by the Engineer. Prepare seedbed, fertilize, and seed according to Article 2601.03, C, 4, of the Standard Specifications.
34	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	1	Item is included for disturbed areas as directed by the Engineer. Seed and fertilize all urban disturbed areas according to Article 2601.03, C, 2, of the Standard Specifications.
35	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	3,706	Refer to Tab. 100-19 on Sheet RC.3. The tabulation includes estimated locations for placement of "Perimeter and Slope Sediment Control Device, 9 in. dia." to address erosion to be encountered during construction. Verify the specific locations with the Engineer prior to beginning placement. Bid item includes 25% additional quantity for field adjustments and replacements.
36	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF	3,706	Refer to Tab. 100-19 on Sheet RC.3. The tabulation includes estimated locations for placement of "Perimeter and Slope Sediment Control Device, 9 in. dia." to address erosion to be encountered during construction. Verify the specific locations with the Engineer prior to beginning placement. Bid item includes 25% additional quantity for field adjustments and replacements.
37	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604	EACH	14	Refer to Tab. 100-37 on Sheet RC.2 and RR-Sheets for locations.
38	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	14	
39	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	14	
40	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1	
41	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1	

100-1D
8-15-22

PROJECT DESCRIPTION

This project involves the replacement and installation of ADA-compliant sidewalks and curb ramps at various intersections along Highway IA 210 within the city limits of Maxwell in Story County.
Work includes removal and reconstruction of retaining walls where necessary to maintain accessibility, as well as one radius widening corner.
All improvements will meet current ADA standards and applicable specifications.

Special Note: During construction the contractor shall be aware that 85-01651 (409 2nd St), 85-01655 (515 5th St), 85-01656 (521 5th St), 85-01657 (622 5th St), 85-01674 (42 Main St), 85-01675 (78 Main St), 85-01679 (71 Main St), 85-01681 (73 Main St), 85-01682 (77 Main St), 85-01688 (90 Main St), 85-01693 (204 Main St), 85-01694 (208 Main St), 85-01695 (209 Main St), 85-01696 (219 Main St), 85-01697 (220 Main St), 85-01699 (308 Main St), 85-01701 (400 Main St), 85-01702 (400 Main St), 85-01703 (401 Main St), 85-01704 (416 Main St), and 85-01705 (429 Main St) are eligible for listing on the National Register of Historic Places. When construction work is being completed in proximity to these structures, care shall be taken to limit unnecessary forces and vibrations. If vibration concerns arise during construction, the contractor shall coordinate and seek approval from the Engineer.

105-04
Modified

STANDARDS ROAD PLANS

The following Standards apply to construction work on this project.

NUMBER	DATE	TITLE
EC-204	10/19/2021	Perimeter, Slope and Ditch Check Sediment Control Devices
EC-604	10/17/2023	Grate Intake Sediment Filter Bag
MI-210	10/21/2025	PCC Driveways and Alleys
MI-220	4/15/2025	Detectable Warnings and Pedestrian Ramp
MI-221	10/21/2025	Combined Retaining Wall - Sidewalk
PV-101	10/21/2025	Joints
PV-102	10/21/2025	PCC Curb Details
PV-121	10/21/2025	Jointing PCC Pavement Widening
SW-501	10/21/2025	Single Grate Intake
SW-512	10/21/2025	Circular Area Intake
SW-514	10/21/2025	Boxouts for Grate Intakes
TC-1	10/15/2019	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	4/18/2023	Work Within 15 ft of Traveled Way
TC-213	4/18/2023	Lane Closure with Flaggers
TC-601	10/15/2019	Pedestrian Detour

111-25
Modified

INDEX OF TABULATIONS

Tabulation	Tabulation Title	Sheet No.
	C SHEETS	
	ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES	C.1 - C.3
100_01D	PROJECT DESCRIPTION	C.4
100_05	CURB AND GUTTER	C.7
100_24	PCC PAVEMENT	C.5
102_03	ACCESS POINTS AND SAFETY RAMPS	C.5
102_05	EXISTING PAVEMENT	C.8
102_06C	FULL-DEPTH PATCHES	C.9
104_10	ADJUSTMENT OF FIXTURES	C.4
105_04	STANDARD ROAD PLANS	C.4
108_15	CONCRETE STEPS AND COMBINED CONCRETE STEPS AND RETAINING WALL CONSTRUCTION	C.6
108_16	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	C.8
110_01	REMOVAL OF PAVEMENT	C.4
110_02	REMOVAL OF EXISTING STRUCTURES	C.4
110_04	CURB REMOVAL	C.4
110_05	SIDEWALK REMOVAL	C.5
110_08	REMOVAL OF CONCRETE DRIVES	C.5
110_17	CLEARING AND GRUBBING	C.8
111_25	INDEX OF TABULATIONS	C.4
113_01A	SIDEWALKS	C.6
190_61	EXISTING SIGNS TO BE REINSTALLED	C.8
	J SHEETS	
108_23A	TRAFFIC CONTROL PLAN	J.1
259_01	SIGNING NOTES	J.1
	RC SHEETS	
100_19	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	RC.3
100_37	GRATE INTAKE SEDIMENT FILTER BAG	RC.2

110-01
Modified

REMOVAL OF PAVEMENT

*Not a Bid Item

Station From	Station To	Side	Pavement Type	Thickness (IN)	Area (SY)	Saw Cut* (LF)	Remarks
125+46.38	126+91.38	RT	HMA		36.5	112.9	RADIUS WIDENING
103+70.42	135+13.78	LT/RT	HMA		172.9	2247.5	SEE FULL-DEPTH PATCHES TAB FOR LOCATIONS
				TOTAL	209.4	2360.4	

110-02
Modified

REMOVAL OF EXISTING STRUCTURES

Location	Description	Remarks
126+53.92	RETAINING WALL	
126+79.31	CONCRETE STEPS	
126+81.55	RETAINING WALL	
127+33.71	RETAINING WALL	

104-10
Modified

ADJUSTMENT OF FIXTURES

No.	Station Location	Type of Fixture	Adjustment
1	111+26.28	WATER VALVE	MINOR WATER VALVE COVER ADJUSTMENT
2	119+96.82	WATER VALVE	MINOR WATER VALVE COVER ADJUSTMENT
3	121+24.21	STORM INTAKE	REPLACE TOP OF STORM INTAKE
4	121+80.33	WATER VALVE	MINOR WATER VALVE COVER ADJUSTMENT

110-04
Modified

CURB REMOVAL

Station From	Station To	Side	Length (STA)	Remarks
101+45.67	101+56.21	LT	0.23	
102+38.56	102+42.82	LT	0.08	
102+77.04	104+33.72	LT	1.66	
103+70.43	106+01.39	RT	2.38	
104+79.30	105+12.30	LT	0.33	
105+39.85	105+67.85	LT	0.28	
105+81.58	105+97.45	LT	0.21	
106+54.09	106+72.21	LT	0.22	
106+54.84	106+71.85	RT	0.26	
108+24.03	108+57.61	RT	0.33	
109+63.63	109+78.68	RT	0.20	
108+22.00	108+56.05	LT	0.34	
109+64.35	109+79.22	LT	0.21	
110+22.93	110+36.66	LT	0.23	
110+22.48	113+44.45	RT	0.22	
111+27.49	112+11.82	RT	0.84	
112+32.64	112+62.50	RT	0.30	
113+28.29	113+44.45	RT	0.27	
111+11.95	111+76.33	LT	0.65	
112+47.82	112+67.63	LT	0.20	
113+32.65	113+53.91	LT	0.46	
113+87.75	114+03.67	RT	0.25	
113+88.92	114+01.78	LT	0.26	
115+92.15	116+11.26	RT	0.18	
116+08.29	116+35.58	LT	0.25	
117+09.90	117+17.33	RT	0.15	
117+16.07	117+19.13	LT	0.08	
117+48.69	117+52.63	LT	0.13	
117+49.36	117+52.47	RT	0.08	
117+58.99	117+67.45	RT	0.09	
117+60.70	117+68.65	LT	0.09	
118+34.29	118+56.70	RT	0.21	
119+73.46	119+90.18	RT	0.17	
120+69.29	120+77.76	LT	0.09	
120+68.63	120+78.38	RT	0.10	
120+83.39	120+87.74	RT	0.11	
120+85.49	120+88.08	LT	0.09	
121+17.75	121+23.01	LT	0.13	
121+20.33	121+23.53	RT	0.10	
121+26.48	121+38.95	LT	0.14	
121+29.91	121+38.14	RT	0.09	
121+80.87	122+02.08	LT	0.22	
122+87.25	123+10.09	LT	0.23	
123+63.76	124+04.85	RT	0.41	
123+69.41	123+89.39	LT	0.20	
124+46.70	124+74.71	RT	0.28	
124+48.54	124+69.02	LT	0.21	
124+97.10	125+17.61	LT	0.21	
125+46.46	126+91.57	RT	0.87	
125+68.14	125+70.18	LT	0.09	
126+21.54	126+33.29	LT	0.09	
		TOTAL	15.42	

110-05
Modified

SIDEWALK REMOVAL

*Not a Bid Item

Station From	Station To	Area (SY)	Saw Cut* (LF)	Remarks
101+48.26	102+42.39	24.2	10.3	
102+80.44	106+00.75	202.1	149.5	
106+55.07	109+78.66	671.1	40.8	
110+22.16	113+53.37	499.3	71.8	
113+88.44	117+19.13	381.2	65.1	
117+49.67	120+88.08	353.8	74.7	
121+18.41	126+31.65	434.9	62.8	
126+53.93	129+46.54	120.6	4.0	
129+79.92	133+15.79	143.7	7.1	
133+37.80	136+48.34	132.3	29.6	
	TOTAL	2963.1	515.9	

110-08
Modified

REMOVAL OF CONCRETE DRIVES

*Not a Bid Item

Station	Side	Area (SY)	Saw Cut* (LF)	Remarks
103+78.25	LT	93.3		
104+69.78	RT	156.8	75.0	
104+97.30	LT	12.7		
105+54.06	LT	9.3		
111+44.73	LT	96.3	51.6	
111+72.84	RT	79.8	72.0	
112+47.99	RT	27.0		
112+57.89	LT	22.1	9.8	
115+08.40	RT	23.7	9.0	
118+46.18	RT	21.0	12.0	
119+82.60	RT	19.1	10.0	
120+00.78	RT	20.8	10.0	
121+92.27	LT	19.5	10.4	
122+47.97	RT	22.9	10.0	
123+94.85	RT	16.6	10.0	
124+64.42	RT	21.3		
127+23.89	LT	30.4		
131+80.68	LT	33.5		
	TOTAL	726.1	279.8	

102-03
Modified

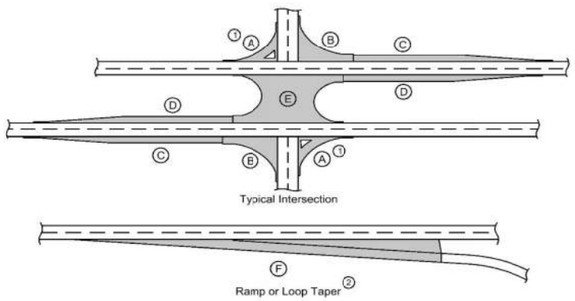
ACCESS POINTS AND SAFETY RAMPS

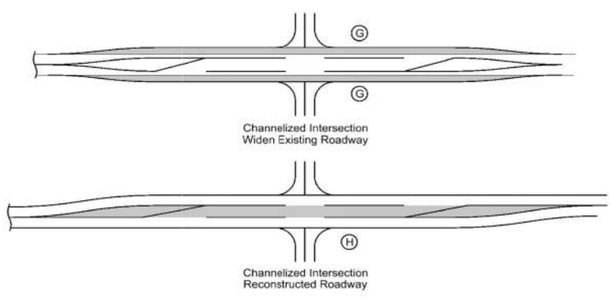
Refer to Cross Sections.
(1) Refer to MP-210.
(2) Refer to EW-501.
(3) Refer to EW-501 or EW-502.
*Predetermined for access point not constructed with this project.
Length of Unclassified Pipe calculated is based on using Corrugated Metal Pipe.

Location		Type	Length Of Opening (1)			W	PR (1, 2)	SR (2)	Pipe Culvert (3)						Driveway Surface Area		Driveway Surfacing Material	Remarks
Station	Side	A, B, C, Safety Ramp, or Predetermined*	Case	1½" Dropped Curb	3" Dropped Curb				H	Size	Pipe Length	LT	RT	Aprons	HMA	PCC		
			1 OR 2	LF	LF	FT	FT	FT	FT	IN	LF	LF	LF	No.	SY	SY	TON	
101+19.09	LT		1	71		54										233.3		8 IN
103+78.46	LT		2	34		24										16.6		6 IN
104+05.44	RT		2	31		25										14.3		6 IN
104+17.96	LT		2	25		15										8.7		6 IN
104+50.44	RT		2	21		15										9.2		6 IN
104+87.25	RT		2	23		15										7.6		6 IN
104+95.82	LT		2	29		15										9.6		6 IN
105+26.83	RT		2	28		20										9.6		6 IN
105+53.87	LT		2	24		14										7.4		6 IN
111+44.73	LT		2	45		35										35.9		8 IN
111+72.85	RT		2	78		72										52.4		8 IN
112+47.99	RT		2	28		22										84.8		6 IN
112+57.89	LT		2	15		10										15.6		6 IN
115+08.35	RT		2	14		9										19.5		6 IN
116+01.95	RT		2	18		10										22.3		6 IN
116+22.94	LT		2	22		10										31.7		6 IN
118+46.18	RT		2	21		12										16.6		6 IN
119+82.53	RT		2	17		10										13.9		6 IN
120+00.78	RT		2	18		10										14.5		6 IN
121+92.27	LT		2	22		10										19.5		6 IN
122+48.02	RT		2	17		12										16.4		6 IN
122+98.75	LT		2	23		12										34.3		6 IN
123+80.41	LT		2	20		10										28.9		6 IN
123+82.56	RT		2	14		9										22.4		6 IN
123+94.85	RT		2	15		10										16.4		6 IN, PAVE BETWEEN 417 AND 421 MAIN ST DRIVEWAYS
124+59.72	LT		2	19		8										24.9		6 IN
124+64.42	RT		2	22		12										31.6		6 IN
125+07.58	LT		2	21		10										29.8		6 IN
127+23.75	LT		2	19		13										21.6		6 IN
131+80.69	LT		2	27		12										45.8		6 IN
132+08.95	LT		2	24		9										37.7		6 IN
134+87.18	LT		1	53		24										55.4		6 IN
															TOTAL	1008.2		

100-24
MODIFIED

PCC PAVEMENT





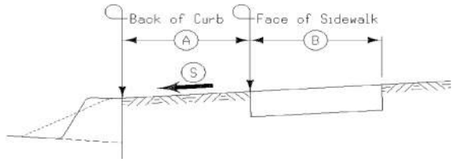
(1) Quantity includes Pavement Header.
(A) Does not include raised island area or curb. Refer to tabulation 112-4 for quantities.
(F) Refer to PV-410, PV-411, PV-412, and PV-414.

LOCATION				MAINLINE			AREA (1)								TOTAL AREA BY PAVEMENT THICKNESS		POLYMER GRID	SPECIAL BACKFILL	MODIFIED SUBBASE	GRANULAR SUBBASE	REMARKS
ROAD IDENTIFICATION	DIRECTION OF TRAVEL	STATION TO STATION		WIDTH	LENGTH	AREA	A	B	C	D	E	F	G	H	SY						
				FT	FT	SY	SY	SY	SY	SY	SY	SY	SY	SY	8 IN	8 IN	SY	TONS	CY	SY	
IA 210 (MAIN ST / 5TH ST)	NB/EB	125+46.38	126+91.38	VARIES	145.0	84.5									84.5				32.6		RADIUS WIDENING
														TOTAL	80.0				36.2		

FILE NO.	ENGLISH	DESIGN TEAM **FOTH**	**STORY** COUNTY	PROJECT NUMBER **STPN-210-3(041)--2J-85**	SHEET NUMBER **C.5**	

113-1A
Modified

SIDEWALKS

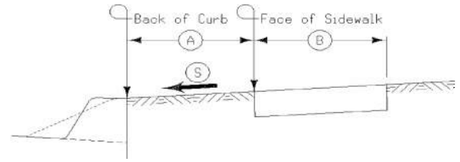


(A) Distance from Back of Curb to Face of Sidewalk
(B) Width of Sidewalk
(C) Slope from Face of Sidewalk to Back of Curb

Road Identification	Station From	Station To	Side	A	B	S	4" PCC Sidewalk	5" PCC Sidewalk	6" PCC Sidewalk	8" PCC Sidewalk	Detectable Warnings	Remarks
				FT	FT	%	SY	SY	SY	SY	SF	
IA 210 (MAIN ST/ 5TH ST)	100+83.38	100+97.71	LT				-		15.5		20	
IA 210 (MAIN ST/ 5TH ST)	101+47.79	101+56.47	LT				-		4.4		10	4" TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	101+56.47	102+35.59	LT				44.0		-		10	4" TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	102+35.59	102+42.49	LT				-		3.7		-	
IA 210 (MAIN ST/ 5TH ST)	102+78.77	102+89.67	LT				10.3		2.4		10	4" TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	102+89.67	103+66.50	LT				42.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	103+66.50	103+90.50	LT				-		13.3		-	
IA 210 (MAIN ST/ 5TH ST)	103+90.50	104+10.46	LT				12.9		6.7		-	
IA 210 (MAIN ST/ 5TH ST)	104+10.45	104+25.46	LT				-		9.9		-	
IA 210 (MAIN ST/ 5TH ST)	104+25.46	104+86.32	LT				37.7		23.0		-	
IA 210 (MAIN ST/ 5TH ST)	104+86.32	105+05.32	LT				-		10.6		-	
IA 210 (MAIN ST/ 5TH ST)	105+05.32	105+46.87	LT				23.1		14.5		-	
IA 210 (MAIN ST/ 5TH ST)	105+46.87	105+60.87	LT				-		7.8		-	
IA 210 (MAIN ST/ 5TH ST)	105+60.87	105+87.44	LT				14.8		9.1		-	
IA 210 (MAIN ST/ 5TH ST)	105+87.44	105+97.45	LT				-		7.1		8	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	106+55.81	107+67.53	LT				-		127.0		20	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	107+94.36	109+79.05	LT				-		187.9		30	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	110+22.94	111+27.19	LT				-		107.7		20	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	111+27.19	111+62.32	LT				-		-	8.9	-	
IA 210 (MAIN ST/ 5TH ST)	111+62.32	113+53.40	LT				-		176.9		20	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	113+88.99	114+01.78	LT				-		10.6		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	113+95.36	116+17.96	LT				129.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	116+17.96	116+27.96	LT				-		5.6		-	
IA 210 (MAIN ST/ 5TH ST)	116+27.96	117+06.60	LT				43.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	117+06.60	117+19.13	LT				-		7.0		10	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	117+49.12	117+67.51	LT				-		13.6		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	117+61.46	120+76.18	LT				185.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	120+70.15	120+87.97	LT				-		13.4		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	121+18.05	121+37.30	LT				-		13.8		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	121+31.33	121+87.26	LT				31.1		-		-	
IA 210 (MAIN ST/ 5TH ST)	121+87.26	121+97.26	LT				-		5.6		-	
IA 210 (MAIN ST/ 5TH ST)	121+97.26	122+92.72	LT				56.1				-	
IA 210 (MAIN ST/ 5TH ST)	122+92.72	123+04.72	LT				-		6.7		-	
IA 210 (MAIN ST/ 5TH ST)	123+04.72	123+75.40	LT				41.0		-		-	
IA 210 (MAIN ST/ 5TH ST)	123+75.40	123+85.40	LT				-		5.6		-	
IA 210 (MAIN ST/ 5TH ST)	123+85.40	124+55.69	LT				40.8		-		-	
IA 210 (MAIN ST/ 5TH ST)	124+55.69	124+63.69	LT				-		4.4		-	
IA 210 (MAIN ST/ 5TH ST)	124+63.69	125+02.58	LT				23.4		-		-	
IA 210 (MAIN ST/ 5TH ST)	125+02.58	125+12.58	LT				-		5.6		-	
IA 210 (MAIN ST/ 5TH ST)	125+12.58	125+63.17	LT				28.1		-		-	
IA 210 (MAIN ST/ 5TH ST)	125+63.17	125+71.18	LT				-		4.6		10	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	-	125+91.19	LT				5.6		7.2		10	NW PED RAMP (EB)
IA 210 (MAIN ST/ 5TH ST)	-	125+91.19	LT				-		3.4		10	NW PED RAMP (SB)
IA 210 (MAIN ST/ 5TH ST)	126+04.48	126+30.48	LT				-		17.4		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	126+77.31	126+81.31	LT				4.0		-		-	
IA 210 (MAIN ST/ 5TH ST)	127+17.28	127+30.25	LT				-		7.2		-	
IA 210 (MAIN ST/ 5TH ST)	127+30.25	127+33.71	LT				1.9		-		-	
IA 210 (MAIN ST/ 5TH ST)	127+83.71	129+47.98	LT				91.2		-		-	
IA 210 (MAIN ST/ 5TH ST)	129+47.98	129+51.02	LT				-		1.5		10	4" PCC TURNING SPACE

113-1A
Modified

SIDEWALKS



(A) Distance from Back of Curb to Face of Sidewalk
(B) Width of Sidewalk
(C) Slope from Face of Sidewalk to Back of Curb

Road Identification	Station From	Station To	Side	A	B	S	4" PCC Sidewalk	5" PCC Sidewalk	6" PCC Sidewalk	8" PCC Sidewalk	Detectable Warnings	Remarks
				FT	FT	%	SY	SY	SY	SY	SF	
IA 210 (MAIN ST/ 5TH ST)	129+74.57	129+89.77	LT				-		13.0		10	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	129+84.77	131+74.69	LT				104.4		-		-	
IA 210 (MAIN ST/ 5TH ST)	131+74.69	131+86.69	LT				-		6.7		-	
IA 210 (MAIN ST/ 5TH ST)	131+86.69	132+04.44	LT				9.9		-		-	
IA 210 (MAIN ST/ 5TH ST)	132+04.44	132+13.44	LT				-		5.0		-	
IA 210 (MAIN ST/ 5TH ST)	132+13.44	133+04.36	LT				53.3		-		-	
IA 210 (MAIN ST/ 5TH ST)	132+99.15	133+15.45	LT				-		11.5		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	133+37.80	133+42.83	LT				-		2.8		10	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	133+42.83	134+75.18	LT				73.5		-		-	
IA 210 (MAIN ST/ 5TH ST)	134+75.18	134+99.18	LT				-		13.3		-	
IA 210 (MAIN ST/ 5TH ST)	134+99.18	136+48.46	LT				83.4		-		-	
IA 210 (MAIN ST/ 5TH ST)	103+70.43	106+00.73	RT				-		185.0		10	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	106+54.98	109+78.68	RT				-		350.5		50	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	110+22.55	111+36.84	RT				-		118.7		20	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	111+36.84	112+08.84	RT				-		-	40.0	-	
IA 210 (MAIN ST/ 5TH ST)	112+08.84	113+44.48	RT				-		132.1		20	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	113+87.75	114+01.07	RT				-		8.9		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	113+94.51	115+03.88	RT				63.9		-		-	
IA 210 (MAIN ST/ 5TH ST)	115+03.88	115+12.87	RT				-		5.0		-	
IA 210 (MAIN ST/ 5TH ST)	115+12.87	115+96.90	RT				46.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	115+96.90	116+06.90	RT				-		5.6		-	
IA 210 (MAIN ST/ 5TH ST)	116+06.90	117+03.96	RT				72.4		-		-	
IA 210 (MAIN ST/ 5TH ST)	117+03.96	117+16.64	RT				-		6.7		10	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	117+49.67	117+66.31	RT				-		10.9		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	117+60.34	118+40.18	RT				47.1		-		-	
IA 210 (MAIN ST/ 5TH ST)	118+40.18	118+52.18	RT				-		6.7		-	
IA 210 (MAIN ST/ 5TH ST)	118+52.18	119+77.55	RT				73.2		-		-	
IA 210 (MAIN ST/ 5TH ST)	119+77.55	119+87.55	RT				-		3.3		-	
IA 210 (MAIN ST/ 5TH ST)	119+87.55	119+95.77	RT				4.6		-		-	
IA 210 (MAIN ST/ 5TH ST)	119+95.77	120+05.77	RT				-		5.6		-	
IA 210 (MAIN ST/ 5TH ST)	120+05.77	120+76.05	RT				49.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	120+70.07	120+87.25	RT				-		11.3		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	121+20.43	121+37.38	RT				-		12.2		20	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	121+31.44	122+42.18	RT				69.9		-		-	
IA 210 (MAIN ST/ 5TH ST)	122+42.18	122+53.70	RT				-		6.4		-	
IA 210 (MAIN ST/ 5TH ST)	122+53.70	123+78.06	RT				71.6		-		-	
IA 210 (MAIN ST/ 5TH ST)	123+78.06	123+99.85	RT				-		12.1		-	
IA 210 (MAIN ST/ 5TH ST)	123+99.85	124+58.46	RT				32.6		-		-	
IA 210 (MAIN ST/ 5TH ST)	124+58.46	124+70.52	RT				-		6.7		-	
IA 210 (MAIN ST/ 5TH ST)	124+70.52	125+53.53	RT				46.7		-		-	
IA 210 (MAIN ST/ 5TH ST)	125+53.53	125+63.85	RT				-		4.9		10	4" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	129+79.55	129+89.71	RT				-		11.3		20	6" PCC TURNING SPACE
IA 210 (MAIN ST/ 5TH ST)	132+98.83	133+04.01	RT				10.8		3.0		10	6" PCC TURNING SPACE
						TOTAL	1781.5		1819.5	48.9	568.0	

108-15
Modified

CONCRETE STEPS AND COMBINED CONCRETE STEPS AND RETAINING WALL CONSTRUCTION

LOCATION		STEPS			LUGS	LANDINGS		RETAINING WALL	CONCRETE	STEEL	HANDRAIL		REMARKS
STATION	SIDE	W	H	Number Required	NUMBER	NUMBER	LF	NUMBER	CY	LB	LENGTH (LF)	POST NUMBER	
126+79.30	LT	4'	6"	5		1	2	2	1.59	88.9	0	0	TYPE B
								TOTAL	1.59	88.9	0		

100-05
Modified

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
	101+45.67	101+48.21	LT					12.8									6" STANDARD
	101+48.21	101+51.47	LT					6									SIDEWALK DROP
	101+51.47	101+56.21	LT					6.4									6" STANDARD
	102+38.56	102+40.59	LT					3.8									6" STANDARD
	102+40.59	102+42.29	LT					5.3									SIDEWALK DROP
	102+42.29	102+42.82	LT					4.8									6" STANDARD
	102+77.04	102+79.02	LT					6.4									6" STANDARD
	102+79.02	102+82.67	LT					6.2									SIDEWALK DROP
	102+82.67	103+66.54	LT				85.4										6" STANDARD
	103+66.54	103+90.54	LT				24										DRIVEWAY DROP
	103+90.54	104+10.44	LT				19.9										6" STANDARD
	104+10.44	104+25.44	LT				15										DRIVEWAY DROP
	104+25.44	104+86.30	LT				60.9										6" STANDARD
	103+70.43	103+92.93	RT				22.5										6" SLOPED
	103+92.93	104+17.93	RT				25										DRIVEWAY DROP
	104+17.93	104+42.93	RT				25										6" SLOPED
	104+42.93	104+57.93	RT				15										DRIVEWAY DROP
	104+57.93	104+64.33	RT				6.4										6" SLOPED
	104+64.33	104+79.73	RT				15.4										6" STANDARD
	104+79.73	104+94.73	RT				15										DRIVEWAY DROP
	104+94.73	105+16.82	RT				22.1										6" STANDARD
	105+16.82	105+36.82	RT				20										DRIVEWAY DROP
	105+36.82	105+96.40	RT				60.5										6" STANDARD
	105+96.40	105+99.81	RT					6.1									SIDEWALK DROP
	105+99.81	106+00.73	RT					5									6" STANDARD
	104+86.30	105+05.30	LT				19										DRIVEWAY DROP
	105+05.30	105+46.85	LT				41.6										6" STANDARD
	105+46.85	105+60.85	LT				14										DRIVEWAY DROP
	105+60.85	105+95.40	LT				35.4										6" STANDARD
	105+95.40	105+97.39	LT					4.5									SIDEWALK DROP
	105+97.39	105+97.45	LT					1									6" STANDARD
	106+55.61	106+55.95	LT					4.7									6" STANDARD
	106+55.95	106+58.78	LT					5.8									SIDEWALK DROP
	106+58.78	106+62.61	LT					4.8									6" STANDARD
	106+62.61	106+67.61	LT					5.2									SIDEWALK DROP
	106+67.61	106+72.23	LT					5									6" STANDARD
	106+54.84	106+55.24	RT					4									6" STANDARD
	106+55.24	106+57.46	RT					5.6									SIDEWALK DROP
	106+57.46	106+62.86	RT					6.9									6" STANDARD
	106+62.86	106+67.85	RT					5.1									SIDEWALK DROP
	106+67.85	106+71.76	RT					4									6" STANDARD
	108+24.03	108+29.04	RT				5										6" STANDARD
	108+29.04	108+34.04	RT				5										SIDEWALK DROP
	108+34.04	108+57.63	RT				23.5										6" STANDARD
	109+63.63	109+67.67	RT					4									6" STANDARD
	109+67.67	109+72.68	RT					5.1									SIDEWALK DROP
	109+72.68	109+76.92	RT					5.6									6" STANDARD
	109+76.92	109+78.66	RT					5.3									SIDEWALK DROP
	109+78.66	109+78.68	RT					0.9									6" STANDARD
	108+22.05	108+29.05	LT				7										6" STANDARD
	108+29.05	108+34.05	LT				5										SIDEWALK DROP
	108+34.05	108+56.05	LT				22										6" STANDARD
	109+64.39	109+68.29	LT					4									6" STANDARD
	109+68.29	109+73.29	LT					5.2									SIDEWALK DROP
	109+73.29	109+76.81	LT					4.6									6" STANDARD
	109+76.81	109+78.98	LT					5.5									SIDEWALK DROP
	109+78.98	109+79.14	LT					4.3									6" STANDARD
	110+22.92	110+22.96	LT					6									6" STANDARD
	110+22.96	110+24.77	LT					5.4									SIDEWALK DROP
	110+24.77	110+28.30	LT					4.7									6" STANDARD
	110+28.30	110+33.31	LT					5.2									SIDEWALK DROP
	110+33.31	110+37.81	LT					4.5									6" STANDARD
	111+11.95	111+27.21	LT				15.3										6" STANDARD
	111+27.21	111+62.34	LT				35.1										DRIVEWAY DROP
	111+62.34	111+76.33	LT				14										6" STANDARD
	112+47.98	112+52.98	LT				5										6" STANDARD
	112+52.98	112+62.64	LT				9.7										DRIVEWAY DROP
	112+62.64	112+67.63	LT				5										6" STANDARD
	113+32.58	113+34.65	LT					2									6" STANDARD
	113+34.65	113+39.65	LT					5									SIDEWALK DROP

100-05
Modified

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
	113+39.78	113+41.84	RT					2.9									6" STANDARD
	113+41.84	113+44.22	RT					5.6									SIDEWALK DROP
	113+44.22	113+44.45	RT					6.1									6" STANDARD
	113+88.92	113+89.07	LT					5.7									6" STANDARD
	113+89.07	113+90.48	LT					5.2									SIDEWALK DROP
	113+90.48	113+95.69	LT					8.2									6" STANDARD
	113+95.69	114+00.74	LT					5.6									SIDEWALK DROP
	114+00.74	114+01.78	LT					1.1									6" STANDARD
	113+87.75	113+88.90	RT					4									6" STANDARD
	113+88.90	113+90.56	RT					4.3									SIDEWALK DROP
	113+90.56	113+96.07	RT					8.6									6" STANDARD
	113+96.07	114+00.07	RT					4.3									SIDEWALK DROP
	114+00.07	144+03.67	RT					3.6									6" STANDARD
	115+93.16	115+96.84	RT				3.7										6" STANDARD
	115+96.84	116+06.84	RT				10										DRIVEWAY DROP
	116+06.84	116+10.51	RT				3.7										6" STANDARD
	116+10.52	116+17.98	LT				7.5										6" STANDARD
	116+17.98	116+27.98	LT				10										DRIVEWAY DROP
	116+27.98	116+35.58	LT				7.6										6" STANDARD
	117+09.90	117+13.40	RT					5.1									6" STANDARD
	117+13.40	117+16.28	RT					5.8									SIDEWALK DROP
	117+16.28	117+17.36	RT					3.5									6" STANDARD
	117+16.05	117+16.56	LT					1.1									6" STANDARD
	117+16.56	117+18.66	LT					5.4									SIDEWALK DROP
	117+18.66	117+19.13	LT					1.4									6" STANDARD
	117+49.67	117+49.84	RT					1									6" STANDARD
	117+49.84	117+51.61	RT					5.3									SIDEWALK DROP
	117+51.61	117+52.47	RT					1.7									6" STANDARD
	117+48.68	117+49.12	LT					4									6" STANDARD
	117+49.12	117+50.91	LT					5.3									SIDEWALK DROP
	117+50.91	117+52.39	LT					2.9									6" STANDARD
	117+58.99	117+60.32	RT					1.4									6" STANDARD
	117+60.32	117+65.32	RT					5.2									SIDEWALK DROP
	117+65.32	117+67.45	RT					2.1									6" STANDARD
	117+60.35	117+61.52	LT					1.3									6" STANDARD
	117+61.52	117+66.52	LT					5.2									SIDEWALK DROP
	117+66.52	117+69.10	LT					2.6									6" STANDARD
	118+35.65	118+40.17	RT				4.5										6" STANDARD
	118+40.17	118+52.17	RT				12										DRIVEWAY DROP
	118+52.17	118+56.70	RT				4.5										6" STANDARD
	119+73.46	119+77.59	RT				4.1										6" STANDARD
	119+77.59	119+87.59	RT				10										DRIVEWAY DROP
	119+87.59	119+90.28	RT				2.7										6" STANDARD
	120+69.29	120+71.15	LT					1.6									6" STANDARD
	120+71.15	120+76.15	LT					5.2									SIDEWALK DROP
	120+76.15	120+77.72	LT					2.6									6" STANDARD
	120+69.52	120+71.06	RT					1.9									6" STANDARD
	120+71.06	120+76.05	RT					5.2									SIDEWALK DROP
	120+76.05	120+78.38	RT					1.7									6" STANDARD
	120+83.39	120+84.56	LT					2.2									6" STANDARD
	120+84.56	120+86.92	LT					5.5									SIDEWALK DROP
	120+86.92	120+87.74	LT					2.7									6" STANDARD
	120+85.49	120+86.24	RT					1.8									6" STANDARD
	120+86.24	120+87.79	RT					5.2									SIDEWALK DROP
	120+87.79	120+88.08	RT					1.8									6" STANDARD
	121+17.75	121+18.32	LT					2									6" STANDARD
	121+18.32	121+20.62	LT					5									SIDEWALK DROP
	121+20.62	121+23.01	LT					5									6" STANDARD
	121+20.23	121+20.68	RT					2									6" STANDARD
	121+20.68	121+22.40	RT					5									SIDEWALK DROP
	121+22.40	121+23.53	RT					2									6" STANDARD
	121+25.86	121+31.32	LT					6									6" STANDARD
	121+31.32	121+36.32	LT					5									SIDEWALK DROP
	121+36.32	121+38.67	LT					2									6" STANDARD
	121+29.52	121+31.39	RT					2									6" STANDARD
	121+31.39	121+36.38	RT					5									SIDEWALK DROP
	121+36.38	121+38.14	RT					2									6" STANDARD
	121+81.62	121+87.27	LT				6										6" STANDARD
	121+87.27	121+97.27	LT				10										DRIVEWAY DROP
	121+97.27	122+03.41	LT				6										6" STANDARD

100-05
Modified

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
	122+87.25	122+92.67	LT				6										6" STANDARD
	122+92.67	123+04.67	LT				12										DRIVEWAY DROP
	123+04.67	123+10.09	LT				6										6" STANDARD
	123+64.93	123+78.06	RT				13										6" STANDARD
	123+78.06	123+99.85	RT				22										DRIVEWAY DROP
	123+99.85	124+04.85	RT				5										6" STANDARD
	124+46.70	124+58.35	RT				12										6" STANDARD
	124+58.35	124+70.35	RT				12										DRIVEWAY DROP
	124+70.35	124+75.25	RT				5										6" STANDARD
	124+48.54	124+55.65	LT				5										6" STANDARD
	124+55.65	124+63.65	LT				8										DRIVEWAY DROP
	124+63.65	124+69.02	LT				7										6" STANDARD
	124+97.10	125+02.55	LT				6										6" STANDARD
	125+02.55	125+12.55	LT				10										DRIVEWAY DROP
	125+12.55	125+17.99	LT				6										6" STANDARD
	125+46.40	126+24.40	RT					16.2									6" STANDARD
	126+24.40	126+29.39	RT					5									SIDEWALK DROP
	126+29.39	126+40.03	RT					11.9									6" STANDARD
	125+68.19	125+69.14	LT					2									6" STANDARD
	125+69.14	125+70.96	LT					5									SIDEWALK DROP
	125+70.96	125+71.30	LT					2									6" STANDARD
	126+22.49	126+24.48	LT					2									6" STANDARD
	126+24.48	126+29.48	LT					5									SIDEWALK DROP
	126+29.48	126+31.87	LT					2									6" STANDARD
	129+49.24	129+49.98	LT					2									6" STANDARD
	129+49.98	129+51.02	LT					5									SIDEWALK DROP
	129+51.02	129+51.08	LT					2									6" STANDARD
						TOTALS	1045	515									

108-16
Modified

COMBINED CONCRETE SIDEWALK AND RETAINING WALL

See MI-221

Location			Retaining Wall					Sidewalk				Footing	Concrete		Porous Backfill	Reinforcing Steel
				Height		Thickness	Concrete	Width		Thickness	Concrete	Concrete	Retaining Wall	Sidewalk & Footing		
Station From	Station To	Side	Type	H1	H2			W1	W2							
				FT	FT	FT	CY	FT	FT	FT	CY	CY	CY	CY	CY	LB
126+53.92	126+76.81	LT	A	2.0	2.1	0.5	0.9	5.0	5.0	0.5	2.3		0.9	2.3	0.6	116
126+81.81	127+17.26	LT	A	2.0	1.7	0.5	1.2	5.0	5.0	0.5	3.6		1.2	3.6	0.9	177
127+16.76	127+17.26	LT	A	1.7	1.0	0.5	0.0	0.0	0.0	0.5	0.0		0.0	0.0	0.0	3
127+33.71	127+73.71	LT	A	1.5	1.0	0.5	0.9	5.0	5.0	0.5	4.1		0.9	4.1	1.0	158
127+73.71	127+83.71	LT	A	1.0	0.5	0.5	0.1	5.0	5.0	0.5	1.0		0.1	1.0	0.2	37
												TOTAL	3.1	11.0	2.7	490.6

190-61
MODIFIED

EXISTING SIGNS TO BE REINSTALLED

SIGN DESCRIPTION	DIRECTION OF TRAVEL	LOCATION STATION	NUMBER OF POSTS	SQUARE TUBE STEEL POSTS	WOOD POSTS		INSTALLATION		SEE SIGNING NOTES
					4" x 4"	4" x 6"	TYPE	DIM 'X'	
					LF	LF			
STREET NAME SIGN	WB	126+24.28, 23.19' LT	1						RE-USE POST
SCHOOL CROSSING SIGN	NB	129+86.09, 29.47' RT	1						RE-USE POST
STOP SIGN	WB	129+96.64, 18.44' LT	1						RE-USE POST
		TOTAL	3						

110-17
Modified

CLEARING AND GRUBBING

Location		Work and Material Type	Trees, Stumps, and Logs and Down Timber Material Diameters												Other Materials		Estimated Quantities			Remarks
Station to Station, Reference Location Sign to Reference Location Sign, or Description	Direction of Travel		3"-6"	>6"-9"	>9"-12"	>12"-15"	>15"-18"	>18"-24"	>24"-30"	>30"-36"	>36"-42"	>42"-48"	>48"-60"	>60"-72"	>72"	Length	Width	Units	Area	Herbicide Application	
																FT	FT	UNITS	ACRES	EACH	
125+01.16	125+01.16	Stumps - Grubbing													1			160.0			
132+69.28	132+69.28	Trees - Clearing and Grubbing													1			280.0			
120+53.14	120+53.14	Trees - Clearing and Grubbing													1			280.0			
																	TOTAL	720.0			

102-05
Modified

EXISTING PAVEMENT

Location					Year	Type	Project Number	Surface		Base		Subbase		Removal		Coarse Aggregate			Reinforcement	Remarks
County	Route	Dir. of Travel	Begin Ref. Loc. Sign	End Ref. Loc. Sign				Type	Depth (IN)	Type	Depth (IN)	Type	Depth (IN)	Type	Depth (IN)	Source	Type	Durability Class	Type	
STORY	IA 210		29.2	29.7	2013		MP-210-1(702)29--76-85	BAC	3											North/South segment MP 29.2 to 29.7
					1987		N/A	BAC	4.5											
					1985		FN-210-3(11)--21-85	BAC	1.5							Sopers Mill	C.LST			
					1957		N/A	BSC		BSC	8									
STORY	IA 210		29.7	30.3	2013		MP-210-1(702)29--76-85	BAC	3											East/West segment MP 29.7 to 30.3
					2011		Slurry Seal													
					1999		Bituminous Seal Coat													
					1972			BAC	3.5											
					1959			BAC	2.5	BSC	6									

FULL-DEPTH PATCHES

Possible Standards: PR-101, PR-102, PR-103, PR-104, PR-105, and PR-140.

Location				Dimension			PCC Patches				HMA Patches	Composite HMA	Subbase Patches	Subbase Patch W/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
Count	Station	Reference Location Sign	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	Ramp With Dowels										
							PR-103	PR-102	PR-104	PR-105			PR-140	PR-101	PR-101 OR PR-140			PR-101		
			L, R, OR B	FT	FT	IN	SY	SY	SY	SY	SY	TON	SY	SY	NO.	NO.	NO.	NO.	NO.	
1	102+43.43		LT	15.9	1.0						1.8									
1	104+37.28		LT	341.6	1.0						38.0									
1	106+62.17		LT	26.4	1.0						2.9									
1	108+39.05		LT	34.0	1.0						3.8									
1	109+73.49		LT	25.5	1.0						2.8									
1	110+28.60		LT	27.2	1.0						3.0									
1	111+44.15		LT	64.4	1.0						7.2									
1	112+57.75		LT	19.7	1.0						2.2									
1	113+44.97		LT	29.6	1.0						3.3									
1	113+87.11		LT	13.5	1.0						1.5									
1	113+96.86		LT	9.5	1.0						1.1									
1	116+23.06		LT	25.1	1.0						2.8									
1	117+20.35		LT	8.3	1.0						0.9									
1	117+47.74		LT	13.8	1.0						1.5									
1	117+64.08		LT	10.3	1.0						1.1									
1	120+74.46		LT	9.9	1.0						1.1									
1	120+89.64		LT	9.9	1.0						1.1									
1	121+17.70		LT	13.9	1.0						1.5									
1	121+31.13		LT	15.5	1.0						1.7									
1	121+92.27		LT	21.3	1.0						2.4									
1	122+98.67		LT	22.8	1.0						2.5									
1	124+58.78		LT	20.5	1.0						2.3									
1	125+07.54		LT	20.9	1.0						2.3									
1	125+72.55		LT	10.1	1.0						1.1									
1	125+91.19		LT	7.8	1.0						0.9									
1	126+27.04		LT	9.7	1.0						1.1									
1	129+53.04		LT	10.5	1.0						1.2									
1	134+87.44		LT	0.0	1.0						0.0									
1	104+87.33		RT	242.6	1.0						27.0									
1	106+54.15		RT	13.8	1.0						1.5									
1	106+65.67		RT	12.8	1.0						1.4									
1	108+40.84		RT	33.6	1.0						3.7									
1	109+72.90		RT	25.6	1.0						2.8									
1	110+21.50		RT	12.2	1.0						1.4									
1	110+31.53		RT	10.4	1.0						1.2									
1	111+69.66		RT	84.3	1.0						9.4									
1	112+47.57		RT	29.9	1.0						3.3									
1	113+38.14		RT	31.3	1.0						3.5									
1	113+86.69		RT	10.3	1.0						1.1									
1	113+98.25		RT	11.1	1.0						1.2									
1	116+01.82		RT	17.4	1.0						1.9									
1	117+16.17		RT	16.0	1.0						1.8									
1	117+48.28		RT	9.3	1.0						1.0									
1	117+62.47		RT	10.1	1.0						1.1									
1	118+46.18		RT	21.0	1.0						2.3									
1	119+81.88		RT	16.8	1.0						1.9									
1	120+74.92		RT	10.5	1.0						1.2									
1	120+88.28		RT	11.5	1.0						1.3									
1	121+19.11		RT	10.1	1.0						1.1									
1	121+33.43		RT	9.4	1.0						1.0									
1	123+84.89		RT	39.9	1.0						4.4									
1	124+60.95		RT	28.6	1.0						3.2									
52	TOTALS									TOTALS	172.9									

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**
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%
Grey	(235)		Proposed PCC Pavement Shading — 50%
Grey	(128)		Proposed HMA Pavement Shading — 50%

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

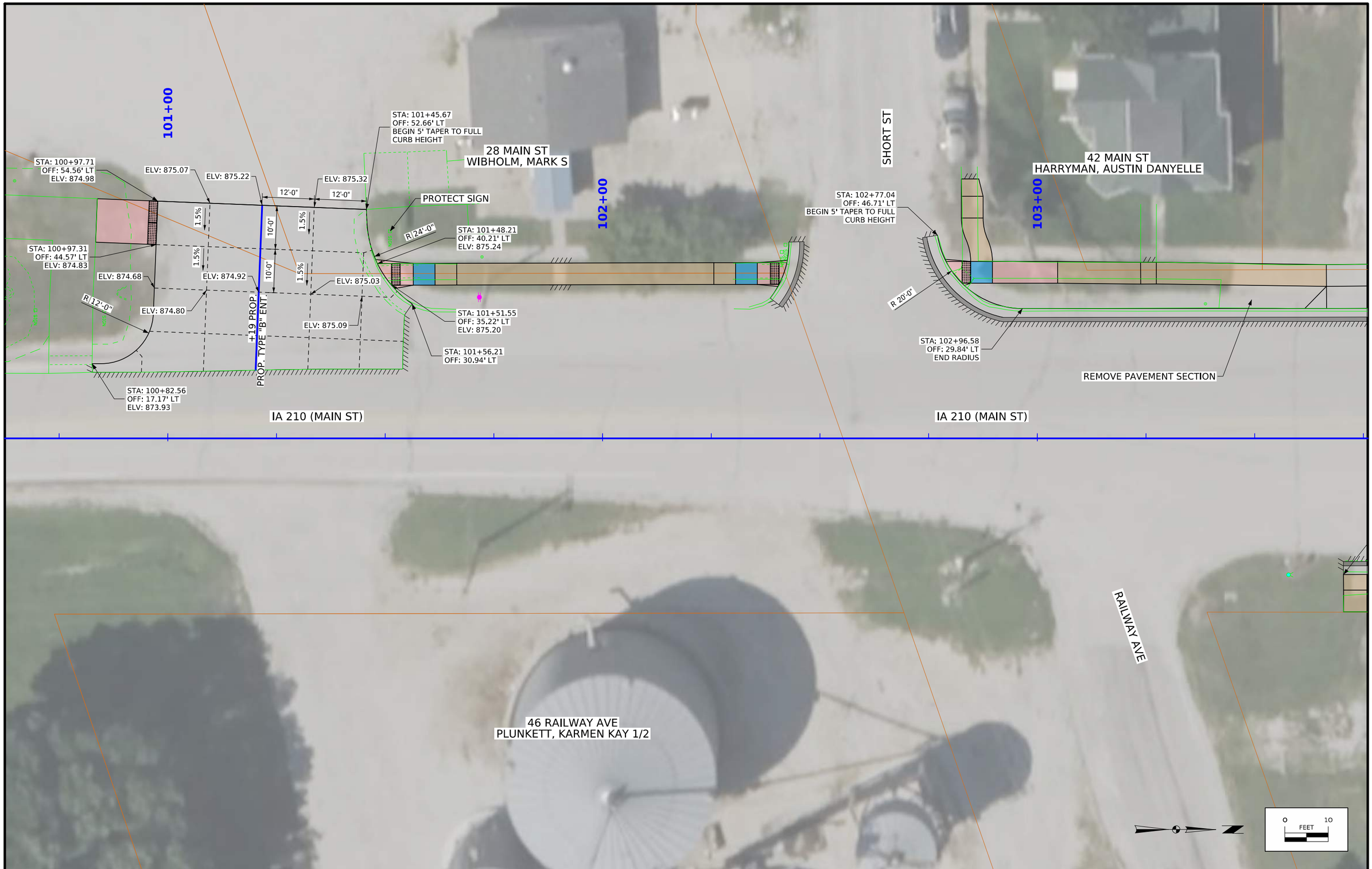
- Proposed Right-of-Way Symbol
- Proposed Right-of-Way Line
- Existing Right of Way
- Existing and Proposed Right-of-Way
- Easement and Existing Right-of-Way
- Easement (Temporary) Symbol
- Easement (Temporary) Line
- Easement
- C/A Access Control
- Property Line Symbol
- Property Line

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES D & H)

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.1

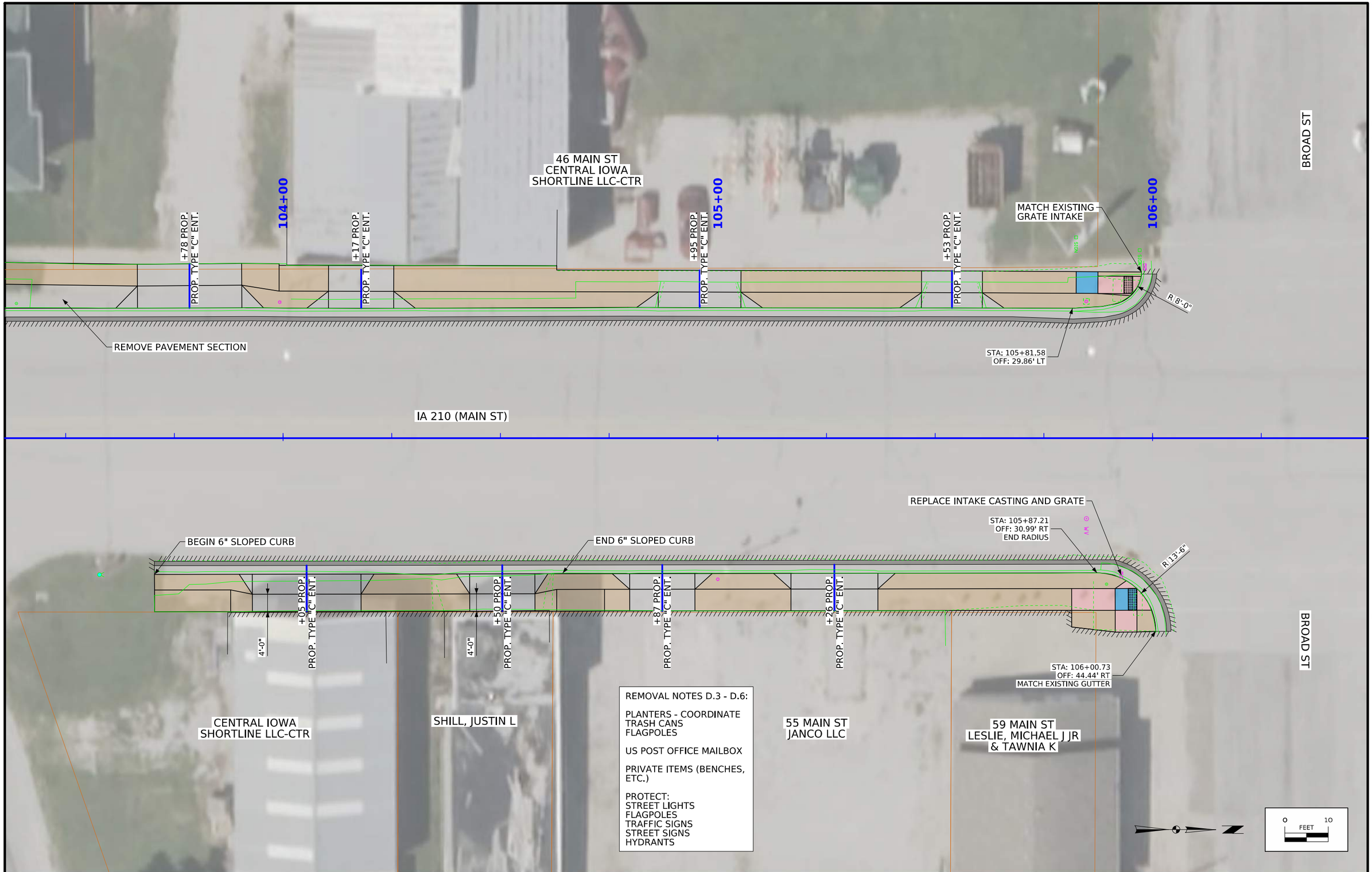
11:16:15 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\LegendSheet_Seed.dgn



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.2	

11:17:14 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.3	

11:17:21 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maptox

BROAD ST

70 MAIN ST
LARKIN, DIANA L

76 MAIN ST
TROGU GORDON
PROPERTIES LLC

78 MAIN ST
TROGU GORDON
PROPERTIES LLC

84 MAIN ST
MAXWELL AREA
COMM CENTER INC

107+00

108+00

109+00

STA: 106+55.63
OFF: 40.29' LT
BEGIN RADIUS
MATCH EXISTING GRATE INTAKE

R 13'-0"

6'-0"

CONSTRUCT CURB TAPER
FROM 0" TO 8" HEIGHT AT
BUILDING CORNER

STA; 106+68.40
OFF: 29.76' LT
END RADIUS

STA: 106+72.21
OFF: 29.76' LT

IA 210 (MAIN ST)

IA 210 (MAIN ST)

MATCH EXISTING
GRATE INTAKE

STA: 106+67.80
OFF: 30.32' RT
END RADIUS

R 13'-0"

REMOVE AND REPLACE
EXISTING CONCRETE STEP

BROAD ST

STA: 106+54.86
OFF: 43.19' RT
BEGIN RADIUS
MATCH EXISTING GRATE INTAKE

6'-0"

77 MAIN ST
AMERICAN LEGION
POST 249

81 MAIN ST
PIERCE, ROBERT

87 MAIN ST
BPTP LLC

89 MAIN ST
NESS ENTERPRISES LLC

75 MAIN ST
COMMUNITY HISTORICAL SOCIETY I

79 MAIN ST
EVEN PAR LC

83 MAIN ST
COLLINS-MAXWELL
COMM SCH DIST

REMOVAL NOTES:

PROTECT EXISTING OVERHANG SUPPORT COLUMNS AND FOOTING DURING SIDEWALK REMOVAL AND CONSTRUCTION.
77 MAIN ST
79 MAIN ST
81 MAIN ST

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.4

11:17:25 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

109+00

92 MAIN ST
LOGSDON, THOMAS F

90 MAIN ST
PRITCHARD REAL ESTATE
INVESTMENTS LLC

6'-0"

1ST ST

110+00

REPLACE INTAKE CASTING AND GRATE

PROTECT LIGHT FIXTURE

100 MAIN ST
NEW CENTURY FS
A DIVISION OF GROWMARK INC

111+00

PROTECT LIGHT FIXTURE

STA: 111+27.16
OFF: 39.60' LT
ELV: 877.68

+44 PROP. PROP. TYPE "B" ENT.

ADJUST WATER VALVE COVER

STA: 111+62.30
OFF: 39.76' LT
ELV: 877.71

STA: 111+27.19
OFF: 34.60' LT
ELV: 877.60

STA: 111+62.32
OFF: 34.76' LT
ELV: 877.64

IA 210 (MAIN ST)

IA 210 (MAIN ST)

PROTECT FIRE HYDRANT

MATCH EXISTING GRATE INTAKE

PROTECT FLAGPOLE

BEGIN 6" SLOPED CURB

+72 PROP. PROP. TYPE "B" ENT.

91 MAIN ST
PRITCHARD REAL ESTATE
INVESTMENTS LLC

PROTECT EXISTING
STEP AND HANDRAILS

1ST ST

6'-0"

PROTECT EXISTING STEP

89 MAIN ST
NESS ENTERPRISES LLC

403 1ST ST
STORY COUNTY HOSPITAL

103 MAIN ST
COMMUNITY HISTORICAL SOCIETY

CITY OF MAXWELL

111 MAIN ST
CITY OF MAXWELL

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.5	

11:17:29 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maxar

110 MAIN ST
WELCH, SHARON R

114 MAIN ST
CSL IOWA SYSTEM LLC

122 MAIN ST
MAXWELL STATE BANK

2ND ST

204 MAIN ST
GARDNER, JEREMIAH W & HEATHER M

112+00

113+00

114+00

STA: 112+52.94
OFF: 38.28' LT
ELV: 877.79

+57 PROP. TYPE "C" ENT.

STA: 112+62.60
OFF: 38.33' LT
ELV: 877.85

STA: 112+52.96
OFF: 33.28' LT
ELV: 877.72

STA: 112+62.62
OFF: 33.33' LT
ELV: 877.77

MATCH EXISTING GRATE STORM INTAKE

IA 210 (MAIN ST)

IA 210 (MAIN ST)

STA: 112+58.99
OFF: 35.57' RT
ELV: 879.11

STA: 112+36.99
OFF: 35.59' RT
ELV: 879.06

STA: 112+58.99
OFF: 40.57' RT
ELV: 879.19

END 6" SLOPED CURB

MATCH EXISTING GRATE INTAKE

PROTECT FIRE HYDRANT

+72 PROP. TYPE "B" ENT.

+47 PROP. TYPE "C" ENT.

STA: 112+36.99
OFF: 40.59' RT
ELV: 879.13

STA: 112+75.50
OFF: 40.70' RT
ELV: 879.31

2ND ST

STA: 112+08.81
OFF: 50.54' RT

STA: 112+75.42
OFF: 50.70' RT
ELV: 879.58

111 MAIN ST
CITY OF MAXWELL

123 MAIN ST
PRINCE JASPAR LLC

201 MAIN ST
MAXWELL CHRISTIAN CHURCH

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.6	

11:17:34 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

204 MAIN ST
GARDNER, JEREMIAH W
& HEATHER M

208 MAIN ST
BUDNIK, RYAN JOSEPH

216 MAIN ST
VERTREES, AYLA

220 MAIN ST
MANSFIELD, CRAIG E & BETTY L

115+00

116+00

117+00

3RD ST

STA: 116+17.95
OFF: 39.61' LT
ELV: 880.43

STA: 116+27.95
OFF: 39.63' LT
ELV: 880.40

STA: 116+32.95
OFF: 39.63' LT
ELV: 880.76

REMOVE AND REPLACE
BRICK PAVERS

STA: 116+12.95
OFF: 39.60' LT
ELV: 880.69

+22 PROP.
PROP. TYPE "C" ENT.

STA: 116+12.96
OFF: 34.60' LT
ELV: 880.62

STA: 116+17.96
OFF: 34.61' LT
ELV: 880.36

STA: 116+32.96
OFF: 34.63' LT
ELV: 880.69

STA: 116+27.96
OFF: 34.63' LT
ELV: 880.33

PROTECT TREE
SEE DETAIL ON SHEET B.2

RECONSTRUCT CURB AND GUTTER

REMOVE AND REINSTALL
LANDSCAPE EDGE

IA 210 (MAIN ST)

IA 210 (MAIN ST)

SAWCUT AT BACK OF CURB

RECONSTRUCT CURB AND GUTTER

STA: 115+96.87
OFF: 33.42' RT
ELV: 880.63

STA: 115+91.87
OFF: 33.45' RT
ELV: 881.02

STA: 116+06.87
OFF: 33.37' RT
ELV: 880.69

STA: 116+16.87
OFF: 33.32' RT
ELV: 881.10

+08 PROP.
PROP. TYPE "C" ENT.

+01 PROP.
PROP. TYPE "C" ENT.

STA: 115+91.90
OFF: 38.45' RT
ELV: 881.09

STA: 115+96.90
OFF: 38.42' RT
ELV: 880.70

STA: 116+16.90
OFF: 38.32' RT
ELV: 881.17

STA: 116+06.90
OFF: 38.37' RT
ELV: 880.76

3RD ST

201 MAIN ST
MAXWELL CHRISTIAN CHURCH

209 MAIN ST
ROBERTSON, PAUL C & ANDREA R

215 MAIN ST
BEAL FAMILY TRUST

219 MAIN ST
SCOTT, KELLEY L & HEATHER D

221 MAIN ST
PRESBYTERIAN CHURCH

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.7	

11:17:39 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

3RD ST

300 MAIN ST
RRH TRUST

308 MAIN ST
JANSONIUS, ERIC

316 MAIN ST
MEADE, PATRICK J & JANET C

118+00

119+00

120+00

PROTECT EXISTING
BRICKWORK

IA 210 (MAIN ST)

IA 210 (MAIN ST)

PROTECT TREE
SEE DETAIL ON SHEET B.2

RECONSTRUCT CURB AND GUTTER

RECONSTRUCT CURB AND GUTTER

SAWCUT AT
BACK OF CURB

+46 PROP.
PROP. TYPE "C" ENT.

+82 PROP.
PROP. TYPE "C" ENT.

+00 PROP.
PROP. TYPE "C" ENT.

3RD ST

ADJUST WATER
VALVE COVER

301 MAIN ST
REED, KASI

309 MAIN ST
MASSEY, LAWSON

313 MAIN ST
OLSEN, JESSE L

317 MAIN ST
JOHNSON, MELANIE
& SCOTT

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.8	

11:17:45 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

316 MAIN ST
MEADE, PATRICK J
& JANET C

320 MAIN ST
STOLTENBERG, MARK ROBERT

4TH ST

404 MAIN ST
MENDOZA, DANA & RAY

408 MAIN ST
EAKINS, JOSHUA

120+00

121+00

122+00

PROTECT EXISTING
BRICKWORK

REMOVE TREE

COORDINATE REMOVAL AND
SALVAGE OF LANDSCAPE BLOCKS
TO PROPERTY OWNER

REPLACE INTAKE
CASTING AND GRATE

ADJUST WATER VALVE COVER

+92 PROP.
PROP. TYPE "C" ENT.

MAINTAIN EXISTING
DRAINAGE PATTERN

STA: 122+39.13
OFF: 38.95' LT
ELV: 879.12

STA: 122+29.13
OFF: 38.99' LT
ELV: 879.32

STA: 122+44.13
OFF: 38.94' LT
ELV: 879.09

STA: 122+54.13
OFF: 38.90' LT
ELV: 879.19

1.50%
5.0SF

STA: 122+29.11
OFF: 33.99' LT
ELV: 879.24

STA: 122+39.11
OFF: 33.95' LT
ELV: 879.19

STA: 122+54.11
OFF: 33.90' LT
ELV: 879.12

STA: 122+44.11
OFF: 33.94' LT
ELV: 879.17

RECONSTRUCT CURB AND GUTTER

IA 210 (MAIN ST)

IA 210 (MAIN ST)

SAWCUT AT
BACK OF CURB

+82 PROP.
PROP. TYPE "C" ENT.

+00 PROP.
PROP. TYPE "C" ENT.

ADJUST WATER
VALVE COVER

PROTECT STORM INTAKE

PROTECT WOODEN RAMP

+48 PROP.
PROP. TYPE "C" ENT.

4TH ST

317 MAIN ST
JOHNSON, MELANIE & SCOTT

401 MAIN ST
OUR FAMILY VETERINARY CLINIC LLC

409 MAIN ST
HEIM, BRIAN M

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.9	

11:17:51 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maptox

408 MAIN ST
EAKINS, JOSHUA

416 MAIN ST
ROUNDS, LESLIE D

420 MAIN ST
TRAIL, GAIL ANN

424 MAIN ST
LANDRUM, ERIK & CANDICE

428 MAIN ST
CORY, MELISSA R

MAINTAIN EXISTING
DRAINAGE PATTERN

STA: 123+04.72
OFF: 38.70' LT
ELV: 878.91

STA: 123+14.72
OFF: 38.70' LT
ELV: 878.66

STA: 123+19.72
OFF: 38.69' LT
ELV: 878.61

STA: 123+29.72
OFF: 38.68' LT
ELV: 878.80

STA: 123+75.40
OFF: 38.65' LT
ELV: 878.99

STA: 123+85.40
OFF: 38.64' LT
ELV: 879.00

STA: 124+55.69
OFF: 38.63' LT
ELV: 879.41

STA: 125+02.58
OFF: 38.71' LT
ELV: 880.05

STA: 124+63.69
OFF: 38.60' LT
ELV: 879.45

STA: 125+02.57
OFF: 33.71' LT
ELV: 879.98

STA: 125+12.58
OFF: 38.69' LT
ELV: 880.15

123+00

124+00

125+00

+98 PROP. PROP. TYPE "C" ENT.

+80 PROP. PROP. TYPE "C" ENT.

+59 PROP. PROP. TYPE "C" ENT.

+07 PROP. PROP. TYPE "C" ENT.

1.50%
5.0SF

STA: 122+92.72
OFF: 38.74' LT
ELV: 879.00

STA: 122+92.70
OFF: 33.74' LT
ELV: 878.93

STA: 123+29.70
OFF: 33.68' LT
ELV: 878.73

STA: 123+85.40
OFF: 33.64' LT
ELV: 878.96

STA: 124+55.68
OFF: 33.63' LT
ELV: 879.33

STA: 124+63.68
OFF: 33.60' LT
ELV: 879.37

STA: 125+12.57
OFF: 33.69' LT
ELV: 880.08

STA: 123+19.70
OFF: 33.69' LT
ELV: 878.69

STA: 123+14.70
OFF: 33.70' LT
ELV: 878.74

STA: 123+04.70
OFF: 33.70' LT
ELV: 878.84

STA: 123+75.40
OFF: 33.65' LT
ELV: 878.91

RECONSTRUCT CURB AND GUTTER

SAWCUT AT BACK OF CURB

RECONSTRUCT CURB AND GUTTER

REMOVE TREE STUMP

RECONSTRUCT CURB AND GUTTER

IA 210 (MAIN ST)

IA 210 (MAIN ST)

RECONSTRUCT CURB AND GUTTER

7' CURB EXTENSION
TO EXISTING JOINT

+82 PROP. PROP. TYPE "C" ENT.

+94 PROP. PROP. TYPE "C" ENT.

RECONSTRUCT CURB AND GUTTER

+64 PROP. PROP. TYPE "C" ENT.

409 MAIN ST
HEIM, BRIAN M

417 MAIN ST
BEGLEY, DENA K

421 MAIN ST
NOLL, JACK

429 MAIN ST
LEWIS, RYAN & SARAH

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.10	

11:17:58 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

420 MAIN ST
TRAIL, GAIL ANN

424 MAIN ST
LANDRUM, ERIK & CANDICE

428 MAIN ST
CORY, MELISSA R

321 5TH ST
CORNELIUS, SARA

5TH ST

124+00

125+00

STA: 125+02.58
OFF: 38.71' LT
ELV: 880.05

STA: 124+63.69
OFF: 38.60' LT
ELV: 879.45

STA: 124+55.69
OFF: 38.63' LT
ELV: 879.41

STA: 125+02.57
OFF: 33.71' LT
ELV: 879.98

STA: 125+12.58
OFF: 38.69' LT
ELV: 880.15

+59 PROP. PROP. TYPE "C" ENT.

+07 PROP. PROP. TYPE "C" ENT.

STA: 124+55.68
OFF: 33.63' LT
ELV: 879.33

STA: 124+63.68
OFF: 33.60' LT
ELV: 879.37

STA: 125+12.57
OFF: 33.69' LT
ELV: 880.08

RECONSTRUCT CURB AND GUTTER

REMOVE TREE STUMP

RECONSTRUCT CURB AND GUTTER

IA 210 (MAIN ST)

MAIN ST

126+00

6" CURB

STA: 126+13.21
OFF: 12.16' RT

STA: 125+46.38
OFF: 24.06' RT

STA: 125+46.38
OFF: 22.06' RT

R 40'-0"

STA: 125+48.38
OFF: 25.07' RT
ELV: 881.94
START RADIUS

5.1%

5.4%

RECONSTRUCT CURB AND GUTTER

+64 PROP. PROP. TYPE "C" ENT.

PROP. TYPE "C" ENT.

PROTECT
FIRE HYDRANT

1.3%

1.3%

2.9%

3.2%

REMOVE AND REINSTALL SIGN

SAWCUT AT EXISTING
TURNING SPACE PANEL

STA: 126+24.40
OFF: 31.81' RT
ELV: 883.17

MATCH BOTTOM OF STEP

STA: 126+27.62
OFF: 29.10' RT
ELV: 883.23
CENTER OF RADIUS

END CURB

4.4%

421 MAIN ST
NOLL, JACK

429 MAIN ST
LEWIS, RYAN & SARAH

STA: 126+29.39
OFF: 27.84' RT
ELV: 883.26

5.0%

STA: 126+44.07
OFF: 21.76' RT
ELV: 884.13
END RADIUS
START 5:1 TAPER

6.1%

PROTECT UTILITY POLE

STA: 126+62.72
OFF: 18.13' RT
ELV: 885.09
MIDPOINT OF TAPER

6.8%

GRADE TO HAVE PIPE OUTLET
FLOW AROUND FRONT OF CURB

STA: 126+81.37
OFF: 14.50' RT
ELV: 886.05
END TAPER

STA: 126+91.37
OFF: 14.54' RT
ELV: 886.56

IA 210 (5TH ST)

405 5TH ST
ROBINETT, JEFF & CHRIS

29 LF RETAINING WALL

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.11

11:18:03 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

405 5TH ST
ROBINETT, JEFF & CHRIS

421 5TH ST
WAWERS, PAUL E & ELIZABETH A

126+00

127+00

128+00

129+00

REFER TO SHEET U.1
FOR RETAINING
WALL DETAILS

23 LF RETAINING WALL

44 LF RETAINING WALL

50 LF RETAINING WALL

SAWCUT AT EXISTING
TURNING SPACE PANEL

REMOVE AND
REINSTALL SIGN

COORDINATE LANDSCAPE REMOVAL
SALVAGE ITEMS TO PROPERTY OWNER

+23 PROP.
PROP. TYPE "C" ENT.

IA 210 (5TH ST)

IA 210 (5TH ST)

STA: 126+13.21
OFF: 12.16' RT

END CURB

1.3%
3.2%
4.4%
5.0%
6.1%
6.8%

STA: 126+91.37
OFF: 14.54' RT
ELV: 886.56

STA: 126+81.37
OFF: 14.50' RT
ELV: 886.05
END TAPER

5.4%
2.9%
1.3%

R 40'-0"

5.1%

STA: 126+29.39
OFF: 27.84' RT
ELV: 883.26

STA: 126+44.07
OFF: 21.76' RT
ELV: 884.13
END RADIUS
START 5:1 TAPER

GRADE TO DRAIN FROM
PIPE OUTLET TO GUTTER LINE

STA: 126+62.72
OFF: 18.13' RT
ELV: 885.09
MIDPOINT OF TAPER

STA: 126+27.62
OFF: 29.10' RT
ELV: 883.23
CENTER OF RADIUS

STA: 126+24.40
OFF: 31.81' RT
ELV: 883.17

PROTECT FIRE HYDRANT

STA: 0+00.00
OFF: 0.00' RT

6" CURB

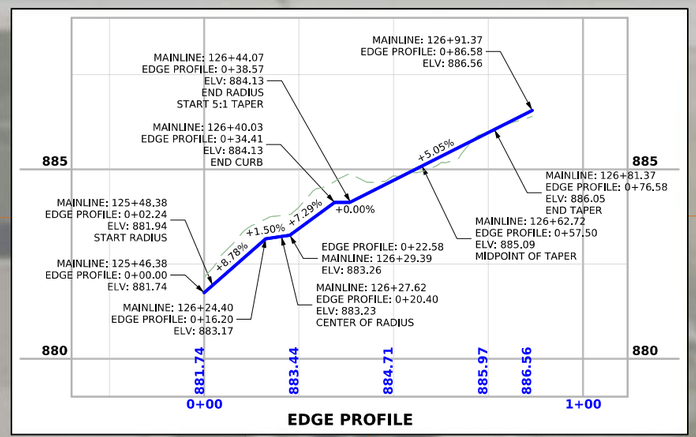
STA: 125+46.38
OFF: 24.06' RT

STA: 125+48.38
OFF: 25.07' RT
ELV: 881.94
START RADIUS

MATCH BOTTOM OF STEP

429 MAIN ST
LEWIS, RYAN & SARAH

429 MAIN ST
LEWIS, RYAN & SARAH



430 MAXWELL ST
LARSON, KEVIN

N

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.12

11:18:08 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maxar

MAXWELL ST

505 5TH ST
COZAD, BRIAN E & STEPHANIE J

515 5TH ST
PATRICK, MORGAN E

129+00

130+00

131+00

PROTECT EXISTING
PVC PIPE DRAIN AND INTAKE

REMOVE EXISTING CASTING AND GRATE.
VERIFY OUTLET PIPE SIZE AND CONNECTION
TO NEW INTAKE SHOWN. REMOVE OR MODIFY
STRUCTURE TO SERVE AS JUNCTION TO
MAINTAIN EXISTING NETWORK.

PROTECT EXISTING
INTAKE

INSTALL 24" SW-512 WITH 12" OUTLET PIPE.
CONTRACTOR SHALL FIELD VERIFY OUTLET
DEPTH, PIPE SIZE AND LOCATION.
ESTIMATED FL ELV:889.3

PROTECT DRAIN PIPE

PROTECT LANDSCAPING
AND BRICKWORK

+80 PROP.
PROP. TYPE "C" ENT.

ADJUST WATER VALVE COVER

PROTECT TREE
SEE DETAIL ON SHEET B.2

REMOVE AND REINSTALL SIGN

IA 210 (5TH ST)

REMOVE AND RELOCATE SIGN

430 MAXWELL ST
LARSON, KEVIN

MAXWELL ST

429 MAXWELL ST
BLACKBURN, RYAN J

N

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.13	

11:18:13 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

521 5TH ST
ERICKSON, ANGELINE & CHARLES J

603 5TH ST
GOLDSBERRY, DAVID & LINDA

132+00

133+00

134+00

METCALF ST

PROTECT LANDSCAPING
AND BRICKWORK

+80 PROP.
PROP. TYPE "C" ENT.

+08 PROP.
PROP. TYPE "C" ENT.

REMOVE TREE

IA 210 (5TH ST)

IA 210 (5TH ST)

428 METCALF ST
MILLER, MILES Z

METCALF ST

425 METCALF ST
NEWTON, JAMES R & CAROL J

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.14	

11:18:19 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

603 5TH ST
GOLDSBERRY, DAVID
& LINDA

615 5TH ST
PRICE, ERIN A & NATHANIEL R

621 5TH ST
REICHART, CODY ELIZABETH

135+00

136+00

137+00

CONTRACTOR TO VERIFY EXISTING CULVERT.
IF PRESENT CONTRACTOR SHALL EXTEND WITH
SAME SIZE AND MATERIAL. THIS WORK SHALL
BE INCIDENTAL TO DRIVEWAY CONSTRUCTION.

MATCH BOTTOM OF STEP

END NEW SIDEWALK
AT EXISTING PANEL EDGE

PROTECT EXISTING STEPS

R 13'-0"

+87 PROP.
PROP. TYPE "C" ENT.

R 13'-0"

IA 210 (5TH ST)

425 METCALF ST
NEWTON, JAMES R & CAROL J

622 5TH ST
COX, JASON A & TERRI LEE

ASHFORD ST

N

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER D.15	

11:18:24 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_D02_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

Survey Information
County: Story
Project Number: STPN-210-3(041)--2J-85
Location: City of Maxwell (ADA - District 1)
Type of Work: PCC Sidewalk/Trail

NOTE: The information included in this sheet is to enable locating ADA horizontal only stake points. Any other use of this information exceeds the intent of it. This information is provided to promote the efficient use of the Iowa Real-Time Network (IaRTN) with Global Navigation Satellite System (GNSS) equipment configured to the project coordinate system to stake out horizontal design point locations. Use of the IaRTN with GNSS equipment is used in place of survey control marks at the project site. The IaRTN reference stations are in essence the project control marks.

The project datum for this survey is NAD83(2011) for Epoch 2010.00 (IaRTN 2019 Adjustment). The geographic coordinate system used to perform the pre-design survey is Iowa Regional Coordinate System Zone 8 (U.S. Survey Foot). This coordinate system was used for design and must be configured into GNSS equipment to stake points for this project. Two local marks were used during the pre-design survey to validate GNSS equipment results. These marks can be used to validate results while staking design points.

ELEVATION NOTE: ADA construction requires laying out plan slopes from the gutter line of the roadway. Therefore elevation datum for each ADA ramp is the gutter. Because elevation datum to be used is an existing topogrphic feature at the date of construction a predetermined elevation of that feature or local benchmark elevations are irrelevent and not included with this information.

Validation Point: 400
Description: 5/8 IR
IaRCS ZONE 8
N= 7598455.32
E= 18589335.30



Validation Point: 401
Description: 5/8 IR
IaRCS ZONE 8
N= 7595382.91
E= 18585733.07

FILE NO.	ENGLISH	DESIGN TEAM **FOTH**	**STORY** COUNTY	PROJECT NUMBER **STPN-210-3(041)--2J-85**	SHEET NUMBER **G.1**	

12:03:16 PM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_G_SHT.dgn

2526.03 CONSTRUCTION SURVEY
MONUMENT PRESERVATION
NO ESTIMATE PROVIDED

There is not an estimated number of the section corners, centerline control points, and lot corners of plats of survey/subdivision plats (if applicable) that could be disturbed by the project's construction, provided. It will be the responsibility of the contractor to research the number of survey monumentation that will be affected by the construction of the project. The coordinate values will be established utilizing the NAD83 (2011)(EPOCH 2010) datum, using the Iowa Regional Coordinate System (IaRCS) Zone 8 projection, in U.S. survey feet. Template examples of U.S.P.L.S. Corner Certificates and Monument Preservation Certificates can be found on the "Consultant Resources" page of the Iowa Department of Transportation website (https://iowadot.gov/consultants-contractors/consultant-resources/automation-tools). If no survey monumentation is found to be disturbed by the construction of the project, please deliver a certification that no survey monumentation was disturbed by the construction process certificate. A template of this certificate can be found on the "Consultant Resources" page of the Iowa Department of Transportation website (https://iowadot.gov/consultants-contractors/consultant-resources/automation-tools).

CONTROL LINE DATA - ML210

POINT ID	BEARING	DISTANCE (FEET)	NORTHING (Y)	EASTING (X)							
					PC	PI	PT	DELTA	R	L	T
HPI	N00°19'37"W	2899.87 '	7595581.26	18586324.51	94+42.85 R1	97+51.54 R1	100+00.00 R1	61°23'21"	-520.00 '	557.15 '	308.69 '
HPI	N89°38'40"E	1644.53 '	7598481.12	18586318.37		125+91.19 R1					
END			7598491.33	18587962.87		142+35.72 R1					

MAX003

1527175404
28 MAIN ST
BRAKT INC

TEMPORARY EASEMENT
AREA: 970 SQ.FT.

PROTECT SIGN

15'

30'

87.1'

5'

MAX001

1527300135
24 MAIN ST
PLUNKETT PROPERTIES LLC

TEMPORARY EASEMENT
AREA: 649 SQ.FT.

50'

SHORT ST

MAX004

1527175506
42 MAIN ST
HARRYMAN, AUSTIN DANYELLE

TEMPORARY EASEMENT
AREA: 211 SQ.FT.

5'

42.1'

101+00

102+00

103+00

IA 210 (MAIN ST)

RAILWAY AVE

MAX002

1527181440
46 RAILWAY AVE
PLUNKETT, KARMEN KAY 1/2
PLUNKETT, RYAN STEVEN & KATIE LYNNE 1/2

0 10
FEET

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY
ROW Team: DOT / FOTH / JCG ROW #: STPN-210-3(042)--2J-85 Plan Date: 8/13/2026 Color Legend: Property Lines Temporary Easement Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.1	

11:18:35 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX006

1527175515
46 MAIN ST
CENTRAL IOWA
SHORTLINE LLC-CTR

TEMPORARY EASEMENT
AREA: 868 SQ.FT.

49.1'
5'
5'
124.4'
5'

BROAD ST

104+00
105+00
106+00

IA 210 (MAIN ST)

MAX005

1527181327
CENTRAL IOWA
SHORTLINE LLC-CTR

TEMPORARY EASEMENT
AREA: 237 SQ.FT.

46.5'
5'
10.7'
5'
5'
91.7'
33.2'
5'

BROAD ST

MAX007

1527181321
SHILL, JUSTIN L

TEMPORARY EASEMENT
AREA: 54 SQ.FT.

MAX008

1527181315
55 MAIN ST
JANCO LLC / BECKNER, MAX L & PENNY L

TEMPORARY EASEMENT
AREA: 459 SQ.FT.

MAX009

1527181306
59 MAIN ST
LESLIE, MICHAEL J JR
& TAWNIA K

TEMPORARY EASEMENT
AREA: 166 SQ.FT.

0 10
FEET

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.2

11:18:36 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

BROAD ST

MAX010

1527175601
70 MAIN ST
LARKIN, DIANA L

MAX012

1527175610
76 MAIN ST
TROGU GORDON
PROPERTIES LLC

TEMPORARY EASEMENT
AREA: 246 SQ.FT.

5'

49.1'

5'

MAX014

1527175620
78 MAIN ST
TROGU GORDON
PROPERTIES LLC

MAX018

1527175635
84 MAIN ST
MAXWELL AREA
COMM CENTER INC

MAX021

1527175639
90 MAIN ST
PRITCHARD REAL ESTATE
INVESTMENTS LLC

107+00

108+00

109+00

IA 210 (MAIN ST)

BROAD ST

MAX011

1527181229
75 MAIN ST
COMMUNITY HISTORICAL
SOCIETY I

TEMPORARY EASEMENT
AREA: 172 SQ.FT.

20'

5'

5'

MAX013

1527181225
77 MAIN ST
AMERICAN LEGION
POST 249

MAX015

1527181223
79 MAIN ST
EVEN PAR LC

MAX016

1527181221
81 MAIN ST
MAXWELL POST N 8174 VFW OF US

MAX017

1527181217
83 MAIN ST
COLLINS-MAXWELL
COMM SCH DIST

MAX019

1527181213
87 MAIN ST
BPTP LLC

MAX020

1527181210
89 MAIN ST
NESS ENTERPRISES LLC

MAX022

1527181206
91 MAIN ST
PRITCHARD REAL ESTATE
INVESTMENTS LLC

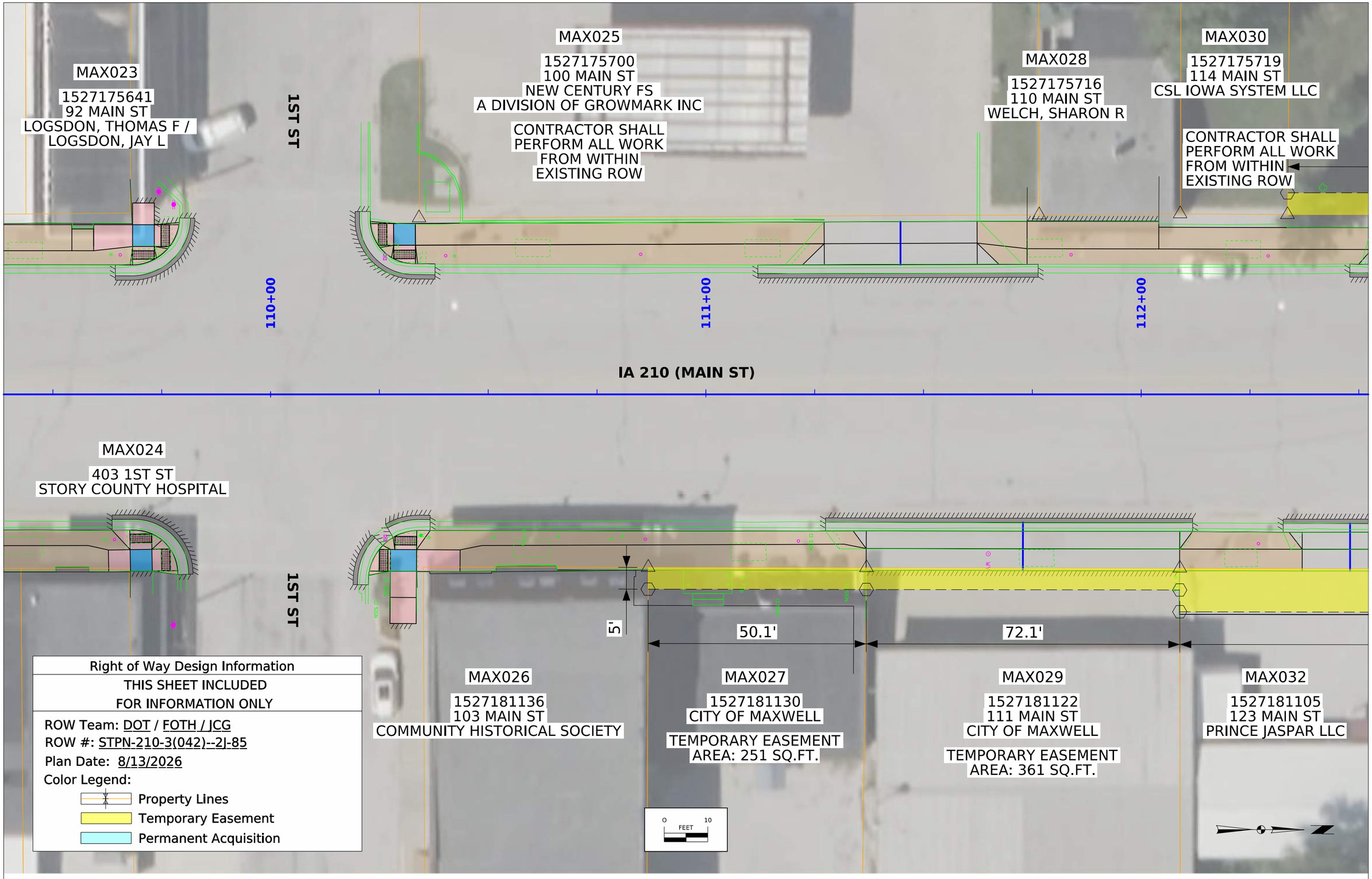
0 10
FEET

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY
ROW Team: DOT / FOTH / JCG ROW #: STPN-210-3(042)--2J-85 Plan Date: 8/13/2026 Color Legend: Property Lines Temporary Easement Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.3

11:18:38 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.4

11:18:40 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX030

1527175719
114 MAX ST
CSL IOWA SYSTEM LLC / WINDSTREAM COMMUNICATIONS

CONTRACTOR SHALL PERFORM ALL WORK FROM WITHIN EXISTING ROW

MAX031

1527175730
122 MAX ST
MAXWELL STATE BANK

TEMPORARY EASEMENT
AREA: 502 SQ.FT.

100.3'

5'

2ND ST

113+00

MAX034

1527125401
204 MAX ST
GARDNER, JEREMIAH W & HEATHER M

TEMPORARY EASEMENT
AREA: 430 SQ.FT.

5'

86'

MAX035

1527125415
208 MAX ST
BUDNIK, RYAN JOSEPH / SPEARS, MIRANDA S

CONTRACTOR SHALL PERFORM ALL WORK FROM WITHIN EXISTING ROW

114+00

115+00

IA 210 (MAX ST)

119.4'

10'

2.5'

12.5'

5'

79'

5'

69.6'

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY
ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

MAX032

1527181105
123 MAX ST
PRINCE JASPAR LLC

TEMPORARY EASEMENT
AREA: 1251 SQ.FT.

MAX033

1527131321
201 MAX ST
MAXWELL CHRISTIAN CHURCH

TEMPORARY EASEMENT
AREA: 395 SQ.FT.

MAX036

1527131316
209 MAX ST
ROBERTSON, PAUL C & ANDREA R

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.5	

11:18:41 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX035

1527125415
208 MAIN ST
BUDNIK, RYAN JOSEPH /
SPEARS, MIRANDA S

TEMPORARY EASEMENT
AREA: 310 SQ.FT.

CONTRACTOR SHALL
PERFORM ALL WORK
FROM WITHIN
EXISTING ROW

MAX038

1527125421
216 MAIN ST
VERTREES, AYLA

TEMPORARY EASEMENT
AREA: 756 SQ.FT.

MAX040

1527125431
220 MAIN ST
MANSFIELD, CRAIG E & BETTY L

TEMPORARY EASEMENT
AREA: 380 SQ.FT.

75.6'

10'

76'

5'

3RD ST

5'

115+00

116+00

117+00

IA 210 (MAIN ST)

MAX036

1527131316
209 MAIN ST
ROBERTSON, PAUL C & ANDREA R

TEMPORARY EASEMENT
AREA: 696 SQ.FT.

69.6'

50.1'

50.1'

49.2'

10'

3RD ST

5'

Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

MAX037

1527131311
215 MAIN ST
BEAL FAMILY TRUST

TEMPORARY EASEMENT
AREA: 501 SQ.FT.

MAX039

1527131306
219 MAIN ST
SCOTT, KELLEY L & HEATHER D

TEMPORARY EASEMENT
AREA: 501 SQ.FT.

MAX041

1527131301
221 MAIN ST
PRESBYTERIAN CHURCH

TEMPORARY EASEMENT
AREA: 492 SQ.FT.

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.6

11:18:43 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX042

1527125501
300 MAIN ST
RRH TRUST /
HOLDREN, ROBERT R TRUSTEE

TEMPORARY EASEMENT
AREA: 498 SQ.FT.

MAX044

1527125509
308 MAIN ST
JANSONIUS, ERIC

TEMPORARY EASEMENT
AREA: 264 SQ.FT.

MAX047

1527125515
316 MAIN ST
MEADE, PATRICK J & JANET C

TEMPORARY EASEMENT
AREA: 502 SQ.FT.

MAX049

1527125531
320 MAIN ST
STOLTENBERG, MARK ROBERT

TEMPORARY EASEMENT
AREA: 273 SQ.FT.

5'
99.6'
52.7'
100.4'
54.5'
5'

118+00
119+00
120+00

IA 210 (MAIN ST)

MAX043

1527131231
301 MAIN ST
REED, KASI

TEMPORARY EASEMENT
AREA: 350 SQ.FT.

69.9'
5'

CONTRACTOR SHALL
PERFORM ALL WORK
FROM WITHIN
EXISTING ROW

71.6'
84'
5'

MAX045

1527131220
309 MAIN ST
MASSEY, LAWSON

MAX046

1527131215
313 MAIN ST
OLSEN, JESSE L /
PAULSEN, ALAYNA E

TEMPORARY EASEMENT
AREA: 358 SQ.FT.

MAX048

1527131205
317 MAIN ST
JOHNSON, MELANIE & SCOTT

TEMPORARY EASEMENT
AREA: 420 SQ.FT.

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

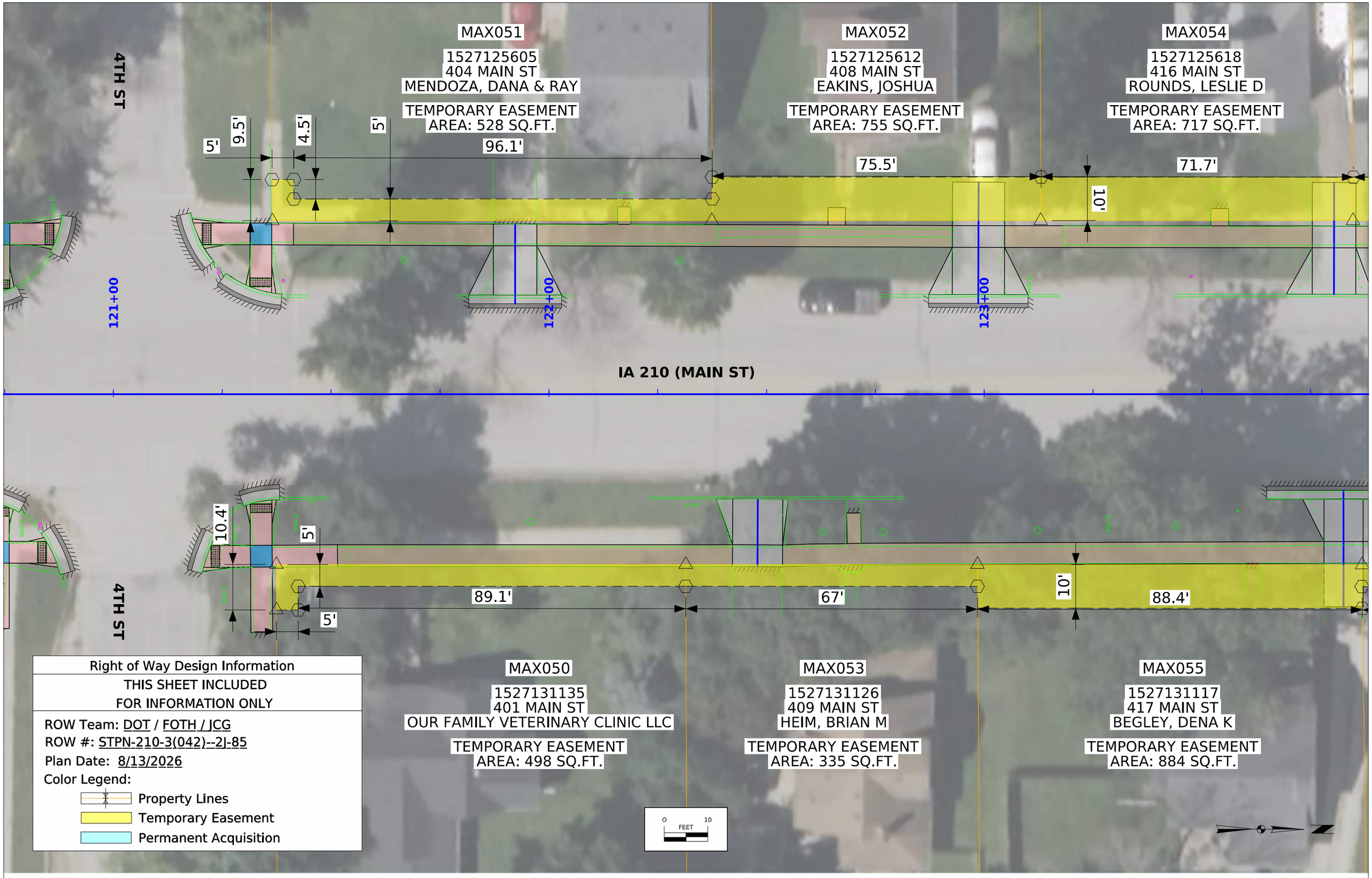
- Property Lines
- Temporary Easement
- Permanent Acquisition

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.7

11:18:45 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.8

11:18:46 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX056

1527125621
420 MAIN ST
TRAIL, GAIL ANN

TEMPORARY EASEMENT
AREA: 751 SQ.FT.

MAX057

1527125627
424 MAIN ST
LANDRUM, ERIK & CANDICE

TEMPORARY EASEMENT
AREA: 443 SQ.FT.

MAX059

1527125631
428 MAIN ST
CORY, MELISSA R / CORY, MATHEW D

TEMPORARY EASEMENT
AREA: 502 SQ.FT.

75.1'

44.3'

50.2'

10'

124+00

123+00

5TH ST

321 5TH ST
CORNELIUS, SARA

IA 210 (MAIN ST)

MAIN ST

MAX058

1527131109
421 MAIN ST
NOLL, JACK

TEMPORARY EASEMENT
AREA: 306 SQ.FT.

5'

61.2'

106.9'

10'

126+00

10'

MAX060

1527131101
429 MAIN ST
LEWIS, RYAN & SARAH

TEMPORARY EASEMENT
AREA: 1069 SQ.FT.

IA 210 (5TH ST)

MAX061

1522388235
405 5TH ST
ROBINETT, JEFF & CHRIS

109.1'

127+00

0 10
FEET

Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.9

11:18:48 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX061

1522388235
405 5TH ST
ROBINETT, JEFF & CHRIS

TEMPORARY EASEMENT
AREA: 1092 SQ.FT.

MAX062

1522388255
421 5TH ST
WAWERS, PAUL E & ELIZABETH A

TEMPORARY EASEMENT
AREA: 1198 SQ.FT.

109.1'

49 LF RETAINING WALL

50'

5'

5'

139.4'

10'

127+00

128+00

129+00

29 LF RETAINING WALL

50 LF RETAINING WALL

IA 210 (5TH ST)

IA 210 (5TH ST)

10'

MAX060

1527131101
429 MAIN ST
LEWIS, RYAN & SARAH

430 MAXWELL ST
LARSON, KEVIN

Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

0 10
FEET

N

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.10

11:18:50 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX062

1522388255
421 5TH ST
WAWERS, PAUL E & ELIZABETH A

MAXWELL ST

MAX063

1522388320
505 5TH ST
COZAD, BRIAN E & STEPHANIE J

TEMPORARY EASEMENT
AREA: 370 SQ.FT.

MAX064

1522388330
515 5TH ST
PATRICK, MORGAN E

CONTRACTOR SHALL PERFORM ALL WORK FROM WITHIN EXISTING ROW

5'

74'

5'

129+00

130+00

131+00

IA 210 (5TH ST)

430 MAXWELL ST
LARSON, KEVIN

MAXWELL ST

MAX069

1527138101
429 MAXWELL ST
BLACKBURN, RYAN J

MAX070

1527138110
425 MAXWELL ST
ORR, KEENYN M

0 10
FEET

N

Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.11

11:18:52 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX065

1522388340
521 5TH ST
ERICKSON, ANGELINE & CHARLES J

TEMPORARY EASEMENT
AREA: 1089 SQ.FT.

108.9'

10'

10'

132+00

133+00

METCALF ST

MAX066

1522395415
603 5TH ST
GOLDSBERRY, DAVID & LINDA

TEMPORARY EASEMENT
AREA: 480 SQ.FT.

5'

96'

134+00

IA 210 (5TH ST)

428 METCALF ST
MILLER, MILES Z

METCALF ST

425 METCALF ST
NEWTON, JAMES R & CAROL J

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY
ROW Team: DOT / FOTH / JCG ROW #: STPN-210-3(042)--2J-85 Plan Date: 8/13/2026 Color Legend: Property Lines Temporary Easement Permanent Acquisition

0 10
FEET

N

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.12

11:18:53 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX067

1522395430
615 5TH ST
PRICE, ERIN A & NATHANIEL R

CONTRACTOR SHALL
PERFORM ALL WORK
FROM WITHIN
EXISTING ROW

MAX068

1522395435
621 5TH ST
REICHART, CODY ELIZABETH

TEMPORARY EASEMENT
AREA: 476 SQ.FT.

95.1'

5'

135+00

136+00

137+00

IA 210 (5TH ST)

425 METCALF ST
NEWTON, JAMES R & CAROL J

622 5TH ST
COX, JASON A & TERRI LEE

ASHFORD ST

429 ASHFORD ST
FITZGERALD, KAILEN

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: DOT / FOTH / JCG
ROW #: STPN-210-3(042)--2J-85
Plan Date: 8/13/2026
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

0 10
FEET

N

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER H.13	

11:18:55 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_H_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

POLLUTION PREVENTION PLAN

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

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

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

I. ROLES AND RESPONSIBILITES

A. Designer:
1. Prepares Base PPP included in the project plan.
2. Prepares Notice of Intent (NOI) submitted to Iowa DNR.
3. Is signature authority on the Base PPP. If consultant designed, signature from Contracting Authority is also required.

B. Contractor:
1. Signs a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
2. Designates a Water Pollution Control Manager (WPCM), who has the duties and responsibilities as defined in Section 2602 of the Standard Specifications.
3. Submits an Erosion Control Implementation Plan (ECIP) and ECIP updates according to Section 2602 of the Standard Specifications.
4. Installs and maintains appropriate controls. This work may be subcontracted as documented through Subcontractor Request Forms (Form 830231).
5. Supervises and implements good housekeeping practices according to Paragraph III, C, 2.
6. Conducts joint required inspections of the site with inspection staff. When Contractor is not mobilized on site, Contractor may delegate this responsibility to a trained or certified subcontractor. Contracting Authority also may waive joint inspection requirement during winter shutdown. In both circumstances, WPCM (or trained or certified delegate from the Contractor) is still responsible to review and sign inspection reports.
7. Complies with training and certification requirements of Section 2602 of the Standard Specifications.
8. Submits amended PPP site map according to Section 2602 of the Standard Specifications.

C. Subcontractors:
1. Sign a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP if: responsible for sediment or erosion controls; involved in land disturbing activities; or perorming work that is a source of potential pollution as defined in this PPP. Subcontracted work items are identified in Subcontractor Request Forms (Form 830231). All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
2. Implement good housekeeping practices according to Paragraph III, C, 2.

D. RCE/Project Engineer:
1. Is Project Storm Water Manager.
2. On projects where DOT is the Contracting Authority, is current with erosion control training or certification.
3. Takes actions necessary to ensure compliance with storm water requirements including, where appropriate, issuing stop work orders, and directing additional inspections at construction project sites
that are experiencing problems with achieving permit compliance.
4. Orders the taking of measures to cease, correct, prevent, or minimize the consequences of non-compliance with the storm water requirements of the Applicable Permit.
5. Supervises all work necessary to meet storm water requirements at the Project, including work performed by contractors and subcontractors.
6. Requires employees, contractors, and subcontractors to take appropriate responsive action to comply with storm water requirements, including requiring any such person to cease or correct a violation
of storm water requirements, and to order or recommend such other actions as necessary to meet storm water requirements.
7. Is familiar with the Project PPP and storm water site map.
8. On projects where DOT is Contracting Authority, is responsible for periodically monitoring inspection reports to determine whether deficiencies identified in inspection reports were adequately and timely addressed, and if not, has the authority and responsibility to direct immediate actions to correct the deficiencies.
9. Is the point of contact for the Project for regulatory officials, Inspector, contractors, and subcontractors regarding storm water requirements.
10. Is signature authority on Notice of Discontinuation.
11. Maintains an up-to-date record of contractors, subcontractors, and subcontracted work items through Subcontractor Request Forms (Form 830231).
12. Makes information to determine permit compliance available to the DNR upon their request.

E. Inspector:
1. Updates PPP through fieldbook entries and storm water site inspection reports if there is a change in design, construction, operation, or maintenance which has a significant effect on the discharge of pollutants from the project.
2. Makes information to determine permit compliance available to the DNR upon their request.
3. Conducts joint required inspections of the site with the contractor/subcontractor.
4. Completes an inspection report after each inspection.
5. Is signature authority on storm water inspection reports.

II. PROJECT SITE DESCRIPTION

A. This Pollution Prevention Plan (PPP) is for the construction of a ADA compliant sidewalks in the city of Maxwell, Iowa.

B. This PPP covers approximately 6.22 acres with an estimated 1.64 acres being disturbed. The portion of the PPP covered by this contract has 1.64 acres disturbed.

C. The PPP is located in an area of Tama - Muscatine - Downs soil association (B - B - B). The estimated weighted average runoff coefficient number for this
PPP after completion will be 0.79.

D. Storm Water Site Map is located in the R sheets. Proposed slopes are shown in cross sections, details, or standard road plans. Supplemental information is located in the Tabulations in the C or CE sheets.

E. The base storm water site map is amended by contract modifications and progress payments (fieldbook entries) of completed erosion control work. Also, due to project phasing, erosion and sediment

110_12
1/13/22

POLLUTION PREVENTION PLAN

controls shown on project plans may not be installed until needed, based on site conditions. For example, silt fence ditch checks will typically not be installed until the ditch has been installed. Installed locations may also be modified from tabulation locations by field staff. Installed locations will be documented by fieldbook entries and amended PPP site map.

F. Runoff from this work will flow into Indian Creek or Rock Creek.

III. CONTROLS

A. The Contractor's ECIP specified in Article 2602.03 of the Standard Specifications for accomplishment of storm water controls should clearly describe the intended sequence of major activities, and for each activity define the control measure and the timing during the construction process that the measure will be implemented.

B. Preserve vegetation in areas not needed for construction.

C. Sections 2601 and 2602 of the Standard Specifications define requirements to implement erosion and sediment control measures. Actual quantities used and installed locations may vary from the Base
PPP and amendment of the plan will be documented via fieldbook entries, amended PPP site map, or by contract modification. Additional erosion and sediment control items may be required as determined by the inspector and/or contractor during storm water site inspections. If the work involved is not applicable to any contract items, the work will be paid for according to Article 1109.03 paragraph B of the Standard Specifications.

1. EROSION AND SEDIMENT CONTROLS

a. Stabilization Practices

1) Site plans will ensure that existing vegetation or natural buffers are preserved where attainable and disturbed portions of the site will be stabilized.

2) Initialize stabilization of disturbed areas immediately after clearing, grading, excavating, or other earth disturbing activities have:

a) Permanently ceased on any portion of the site, or

b) Temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days.

3) Staged permanent and/or temporary stabilizing seeding and mulching shall be completed as the disturbed areas are completed. Incomplete areas shall be stabilized according to paragraph III, C, 1, a, 2, b above.

4) Permanent and Temporary Stabilization practices to be used for this project are located in the storm water site map, Estimated Project Quantities (100-0A, 100-1A, or 100-1C), and Estimate Reference Information (100-4A) located in the C or R sheets. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation (105-4) in the C or R sheets.

5) Preservation of existing vegetation within right-of-way or easements will act as vegetative buffer strips.

6) Preservation of topsoil: Bid items to be used for this project are located in the Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C or R sheets. Additional information may be found in the Tabulations in the C or T Tabulation sheets, or is referenced in Section 2105 of the Standard Specifications.

b. Structural Practices

1) Structural practices will be implemented to divert flows from exposed soils and detain or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Additionally, structural practices may include: silt basins that provide 3600 cubic feet of storage per acre drained or equivalent sediment controls, outlet structures that withdraw water from surface when discharging basins, and controls to direct storm water to vegetated areas.

2) Structural practices to be used for this project are located in the storm water site map, Estimated Project Quantities (100-0A, 100-1A, or 100-1C), and Estimate Reference Information (100-4A) located in the C or R sheets, as well as all other item specific Tabulations. Typical drawings detailing construction of the devices to be used on this project can be found on the B or R sheets or are referenced in the Standard Road Plans Tabulation (105-4) located in the C or R sheets.

c. Storm Water Management

Measures shall be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. This may include velocity dissipation devices at discharge locations and along length of outfall channel as necessary to provide a non-erosion velocity flow from structure to water course. If included with this project, these items are located in the storm water site map and Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C or R sheets,
as well as all other item specific Tabulations. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation.
The installation of these devices may be subject to Section 404 of the Clean Water Act.

2. OTHER CONTROLS

Contractor disposal of unused construction materials and construction material wastes shall comply with applicable state and local waste disposal, sanitary sewer, or septic system regulations.
In the event of a conflict with other governmental laws, rules and regulations, the more restrictive laws, rules or regulations shall apply.

a. Vehicle Entrances and Exits - Construct and maintain entrances and exits to prevent tracking of sediments onto roadways.

b. Material Delivery, Storage and Use - Implement practices to prevent discharge of construction materials during delivery, storage, and use.

c. Stockpile Management - Install controls to reduce or eliminate pollution of storm water from stockpiles of soil and paving.

d. Waste Disposal - Do not discharge any materials, including building materials, into waters of the state, except as authorized by a Section 404 permit.

e. Spill Prevention and Control - Implement chemical spill and leak prevention and response procedures to contain and clean up spills and prevent material discharges to the storm drain system and waters of the state.

f. Concrete Residuals and Washout Wastes - Waste shall not be discharged to a surface water and is not allowed to adversely affect a water of the state. Designate temporary concrete washout facilities for rinsing out concrete trucks. Provide directions to truck drivers where designated washout facilities are located. Designated washout areas should be located at least 50 feet away from storm drains, streams or other water bodies. Care should be taken to ensure these facilities do not overflow during storm events.

g. Concrete Grooving/Grinding Slurry – Do not discharge slurry to a waterbody or storm drain. Slurry may be applied on foreslopes or removed from the project.

h. Vehicle and Equipment Storage and Maintenance Areas - Perform on site fueling and maintenance in accordance with all environment laws such as proper storage of onsite fuels and proper disposal
of used engine oil or other fluids on site. Employ washing practices that prevent contamination of surface and ground water from wash water. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge.

i. Litter Management - Ensure employees properly dispose of litter. Minimize exposure of trash if exposure to precipitation or storm water would result in a discharge of pollutants.

j. Dewatering – Properly treat water to remove suspended sediment before it re-enters a waterbody or discharges off-site. Measures are also to be taken to prevent scour erosion at dewatering discharge point.

3. APPROVED STATE OR LOCAL PLANS

During the course of this construction, it is possible that situations will arise where unknown materials will be encountered. When such situations are encountered, they will be handled according to all
federal, state, and local regulations in effect at the time.

IV. MAINTENANCE PROCEDURES

The Contractor is required to maintain all temporary erosion and sediment control measures in proper working order, including cleaning, repairing, or replacing them throughout the contract period. This shall begin when the features have lost 50% of their capacity.

110_12
1/13/22

POLLUTION PREVENTION PLAN

V. INSPECTION REQUIREMENTS

A. Inspections shall be made jointly by the Contractor and the Contracting Authority's inspector at least once every seven calendar days. Storm water site inspections will include:

1. Date of the inspection.
2. Summary of the scope of the inspection.
3. Name and qualifications of the personnel making the inspection.
5. Review of erosion and sediment control measures within disturbed areas for the effectiveness in preventing impacts to receiving waters.
6. Major observations related to the implementation of the PPP.
7. Identification of corrective actions required to maintain or modify erosion and sediment control measures.

B. Include storm water site inspection reports in the Amended PPP. Incorporate any additional erosion and sediment control measures determined as a result of the inspection. Immediately begin corrective actions on all deficiencies found within 3 calendar days of the inspection and complete within 7 calendar days following the inspection. If it is determined that making the corrections less than 72 hours after the inspection is impracticable, it should be documented why it is impracticable and indicate an estimated date by which the corrections will be made.

VI. NON-STORM WATER DISCHARGES

This includes subsurface drains (i.e. longitudinal and standard subdrains) and slope drains. The velocity of the discharge from these features may be controlled by the use of headwalls or blocks, Class A stone, erosion stone or other appropriate materials. This also includes uncontaminated groundwater from dewatering operations, which will be controlled as discussed in Section III of the PPP.

VII. POTENTIAL SOURCES OF OFF RIGHT-OF-WAY (ROW) POLLUTION

Silts, sediment, and other forms of pollution may be transported onto highway right-of-way (ROW) as a result of a storm event. Potential sources of pollution located outside highway ROW are beyond the control of this PPP. Pollution within highway ROW will be conveyed and controlled per this PPP.

VIII. DEFINITIONS

A. Base PPP - Initial Pollution Prevention Plan.

B. Amended PPP - Base PPP amended during construction. May include Plan Revisions or Contract Modifications for new items, storm water site inspection reports, fieldbook entries made by the inspector, amended PPP site map by the Contractor, ECIP, NOI, co-permittee certifications, and Subcontractor Request Forms. Items amending the PPP are stored electronically and are readily available upon request.

C. Fieldbook Entries – This contains the inspector's daily diary and bid item postings.

D. Controls - Methods, practices, or measures to minimize or prevent erosion, control sedimentation, control storm water, or minimize contaminants from other types of waste or materials. Also called Best Management Practices (BMPs).

E. Signature Authority - Representative authorized to sign various storm water documents.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Adam C. Juel

Printed or Typed Name

Signature

100-37
Modified

GRATE INTAKE SEDIMENT FILTER BAG

Possible Standard Road Plan : EC-604

Location Station	Side	Installation (EA)	Maintenance (EA)	Removal (EA)	Remarks
105+92.00	RT	1	1	1	SQUARE
105+98.00	LT	1	1	1	SQUARE
106+55.00	LT	1	1	1	SQUARE
106+60.00	RT	1	1	1	SQUARE
110+26.00	LT	1	1	1	SQUARE
110+26.00	RT	1	1	1	SQUARE
113+92.00	RT	1	1	1	SQUARE
113+93.00	LT	1	1	1	SQUARE
120+83.00	RT	1	1	1	SQUARE
121+24.00	RT	1	1	1	SQUARE
121+24.00	LT	1	1	1	SQUARE
129+45.00	LT	1	1	1	CIRCLE
129+83.00	LT	1	1	1	CIRCLE
129+94.00	LT	1	1	1	CIRCLE
	TOTAL	14	14	14	

100-19
MODIFIED

PERIMETER, SLOPE AND DITCH CHECK SEDIMENT CONTROL DEVICES

LOCATION			PERIMETER AND SLOPE			DITCH CHECK		NOTES
BEGIN STATION	END STATION	SIDE	LENGTH OF INSTALLATION			LENGTH OF INSTALLATION		
			9 INCH DIA	12 INCH DIA	20 INCH DIA	12 INCH DIA	20 INCH DIA	
			LF	LF	LF	LF	LF	
100+85.00	100+96.00	LT	40					CULVERT INLET
101+50.00	102+40.00	LT	85					
102+85.00	103+65.00	LT	80					
114+03.00	115+02.00	LT	99					
114+03.00	114+25.00	RT	21					
114+42.00	115+00.00	RT	59					
115+10.00	116+13.00	LT	104					
115+17.00	115+92.00	RT	76					
116+10.00	116+21.00	RT	10					
116+24.00	116+70.00	RT	46					
116+76.00	117+08.00	RT	32					
116+32.00	117+14.00	LT	81					
117+52.00	117+59.00	RT	8					
117+67.00	118+36.00	RT	68					
117+52.00	117+61.00	LT	13					
117+69.00	118+03.00	LT	34					
118+09.00	118+90.00	LT	81					
118+56.42	118+72.00	RT	16					
118+76.00	119+58.00	RT	82					
118+94.00	119+85.00	LT	91					
119+63.00	119+73.00	RT	10					
119+89.00	120+50.00	LT	61					
120+10.00	120+35.00	RT	25					
120+40.00	120+71.00	RT	31					
120+60.00	120+71.00	LT	11					
120+76.00	120+84.00	RT	8					
120+76.00	120+85.00	LT	12					
121+21.00	121+30.00	LT	12					
121+21.00	121+30.00	RT	10					
121+36.00	121+87.00	LT	51					
121+38.00	122+41.00	RT	103					
122+02.00	122+88.00	LT	86					
122+56.00	122+68.00	RT	12					
122+73.00	123+75.00	RT	102					
123+09.00	123+73.00	LT	64					
123+89.00	124+53.00	LT	64					
124+05.00	124+55.00	RT	50					
124+68.00	125+00.00	LT	32					
124+75.00	125+46.00	RT	71					
125+17.00	125+66.00	LT	49					
125+91.00	125+91.00	LT	11					NORTH WEST QUADRANT OF MAIN ST AND 5TH ST INTERSECTION
126+06.00	126+23.00	LT	19					
126+30.00	126+92.00	RT	62					
126+54.00	127+16.00	LT	62					
127+33.00	129+48.00	LT	215					
129+75.00	129+85.00	LT	15					
129+78.00	129+95.00	RT	40					
129+90.00	131+71.00	LT	191					
132+17.00	132+97.00	LT	80					
133+04.00	133+13.00	LT	11					
133+39.00	134+61.00	LT	122					
134+99.00	136+46.00	LT	147					
		TOTAL	2965					

PLAN VIEW CELL LEGEND

CELL	Design Element
	Clearing & Grubbing

CELL LEGEND OF EROSION CONTROL

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

CELL LEGEND OF LANDSCAPING

CELL	Design Element	Plant Diameter
Overstory-#	Overstory Tree	30 FT
Evergreen-#	Evergreen Tree	18 FT
Understory-#	Understory Tree	12 FT
Shrub-# Shrub-#	Shrub	6 FT

PLAN VIEW PATTERN LEGEND

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

PLAN VIEW COLOR LEGEND

LINEWORK	Design Color No.	
Green	(2)	Existing Topographic Features and Labels
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and 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%

HATCHING	Design Color No.	
Red	(3)	Delineates Restricted Areas
Yellow	(4)	Brush Clearing
Yellow	(4)	Clearing & Grubbing
Orange	(228)	Spray Area

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

LINE STYLE LEGEND OF LANDSCAPE SHEETS

LINESTYLE	Design Element
	Living Snow Fence Single Row
	Living Snow Fence Double Row
	Mechanical Edge

LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES R)

MAX001

1527300135
24 MAIN ST
PLUNKETT PROPERTIES LLC

MAX003

1527175404
28 MAIN ST
BRAKT INC

SHORT ST

MAX004

1527175506
42 MAIN ST
HARRYMAN, AUSTIN DANYELLE

101+00

102+00

103+00

IA 210 (MAIN ST)

RAILWAY AVE

MAX002

1527181440
46 RAILWAY AVE
PLUNKETT, KARMEN KAY 1/2
PLUNKETT, RYAN STEVEN & KATIE LYNNE 1/2

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.2	

11:19:06 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX006

1527175515
46 MAIN ST
CENTRAL IOWA
SHORTLINE LLC-CTR

BROAD ST

104+00

105+00

106+00

IA 210 (MAIN ST)

BROAD ST

MAX005

1527181327
CENTRAL IOWA
SHORTLINE LLC-CTR

MAX007

1527181321
SHILL, JUSTIN L

MAX008

1527181315
55 MAIN ST
JANCO LLC / BECKNER, MAX L & PENNY L

MAX009

1527181306
59 MAIN ST
LESLIE, MICHAEL J JR
& TAWNIA K

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.3

11:19:10 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

BROAD ST

MAX010

1527175601
70 MAIN ST
LARKIN, DIANA L

MAX012

1527175610
76 MAIN ST
TROGU GORDON
PROPERTIES LLC

MAX014

1527175620
78 MAIN ST
TROGU GORDON
PROPERTIES LLC

MAX018

1527175635
84 MAIN ST
MAXWELL AREA
COMM CENTER INC

MAX021

1527175639
90 MAIN ST
PRITCHARD REAL ESTATE
INVESTMENTS LLC

107+00

108+00

109+00

IA 210 (MAIN ST)

BROAD ST

MAX011

1527181229
75 MAIN ST
COMMUNITY HISTORICAL
SOCIETY I

MAX013

1527181225
77 MAIN ST
AMERICAN LEGION
POST 249

MAX015

1527181223
79 MAIN ST
EVEN PAR LC

MAX016

1527181221
81 MAIN ST
MAXWELL POST N 8174 VFW OF US

MAX017

1527181217
83 MAIN ST
COLLINS-MAXWELL
COMM SCH DIST

MAX019

1527181213
87 MAIN ST
BPTP LLC

MAX020

1527181210
89 MAIN ST
NESS ENTERPRISES LLC

MAX022

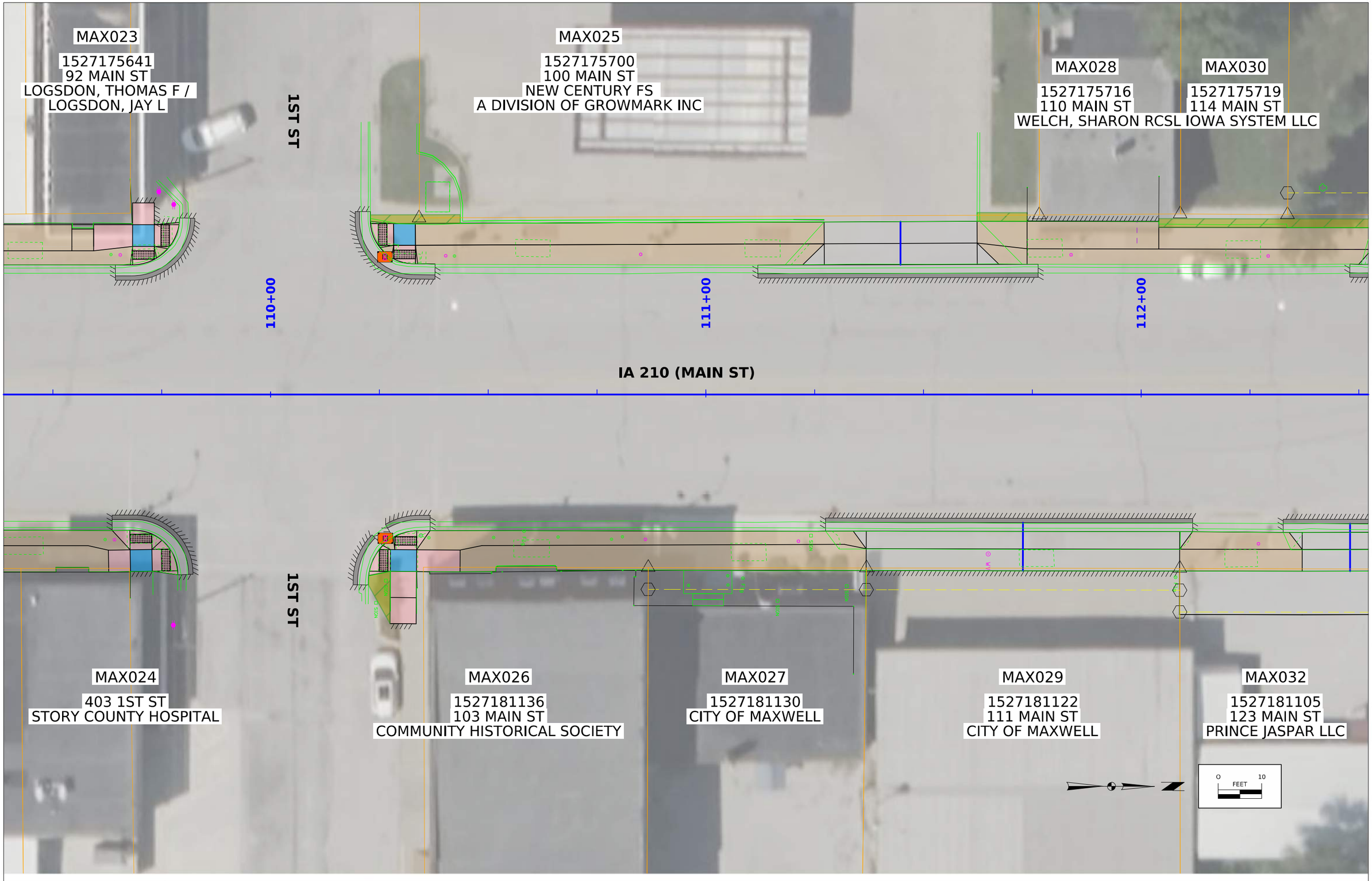
1527181206
91 MAIN ST
PRITCHARD REAL ESTATE
INVESTMENTS LLC

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.4

11:19:13 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maptox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.5

11:19:16 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maxar

MAX030

1527175719
114 MAIN ST
CSL IOWA SYSTEM LLC

MAX031

1527175730
122 MAIN ST
MAXWELL STATE BANK

2ND ST

MAX034

1527125401
204 MAIN ST
GARDNER, JEREMIAH W & HEATHER M

113+00

114+00

115+00

IA 210 (MAIN ST)

MAX032

1527181105
123 MAIN ST
PRINCE JASPAR LLC

2ND ST

MAX033

1527131321
201 MAIN ST
MAXWELL CHRISTIAN CHURCH

MAX036

1527131316
209 MAIN ST
ROBERTSON, PAUL C &
ANDREA R

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.6	

11:19:19 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX035

1527125415
208 MAIN ST
BUDNIK, RYAN JOSEPH /
SPEARS, MIRANDA S

MAX038

1527125421
216 MAIN ST
VERTREES, AYLA

MAX040

1527125431
220 MAIN ST
MANSFIELD, CRAIG E & BETTY L

3RD ST

115+00

116+00

117+00

IA 210 (MAIN ST)

3RD ST

MAX036

1527131316
209 MAIN ST
ROBERTSON, PAUL C &
ANDREA R

MAX037

1527131311
215 MAIN ST
BEAL FAMILY TRUST

MAX039

1527131306
219 MAIN ST
SCOTT, KELLEY L & HEATHER D

MAX041

1527131301
221 MAIN ST
PRESBYTERIAN CHURCH

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.7	

11:19:22 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX042

1527125501
300 MAIN ST
RRH TRUST /
HOLDREN, ROBERT R TRUSTEE

MAX044

1527125509
308 MAIN ST
JANSONIUS, ERIC

MAX047

1527125515
316 MAIN ST
MEADE, PATRICK J & JANET C

MAX049

1527125531
320 MAIN ST
STOLTENBERG, MARK ROBERT

118+00

119+00

120+00

IA 210 (MAIN ST)

MAX043

1527131231
301 MAIN ST
REED, KASI

MAX045

1527131220
309 MAIN ST
MASSEY, LAWSON

MAX046

1527131215
313 MAIN ST
OLSEN, JESSE L /
PAULSEN, ALAYNA E

MAX048

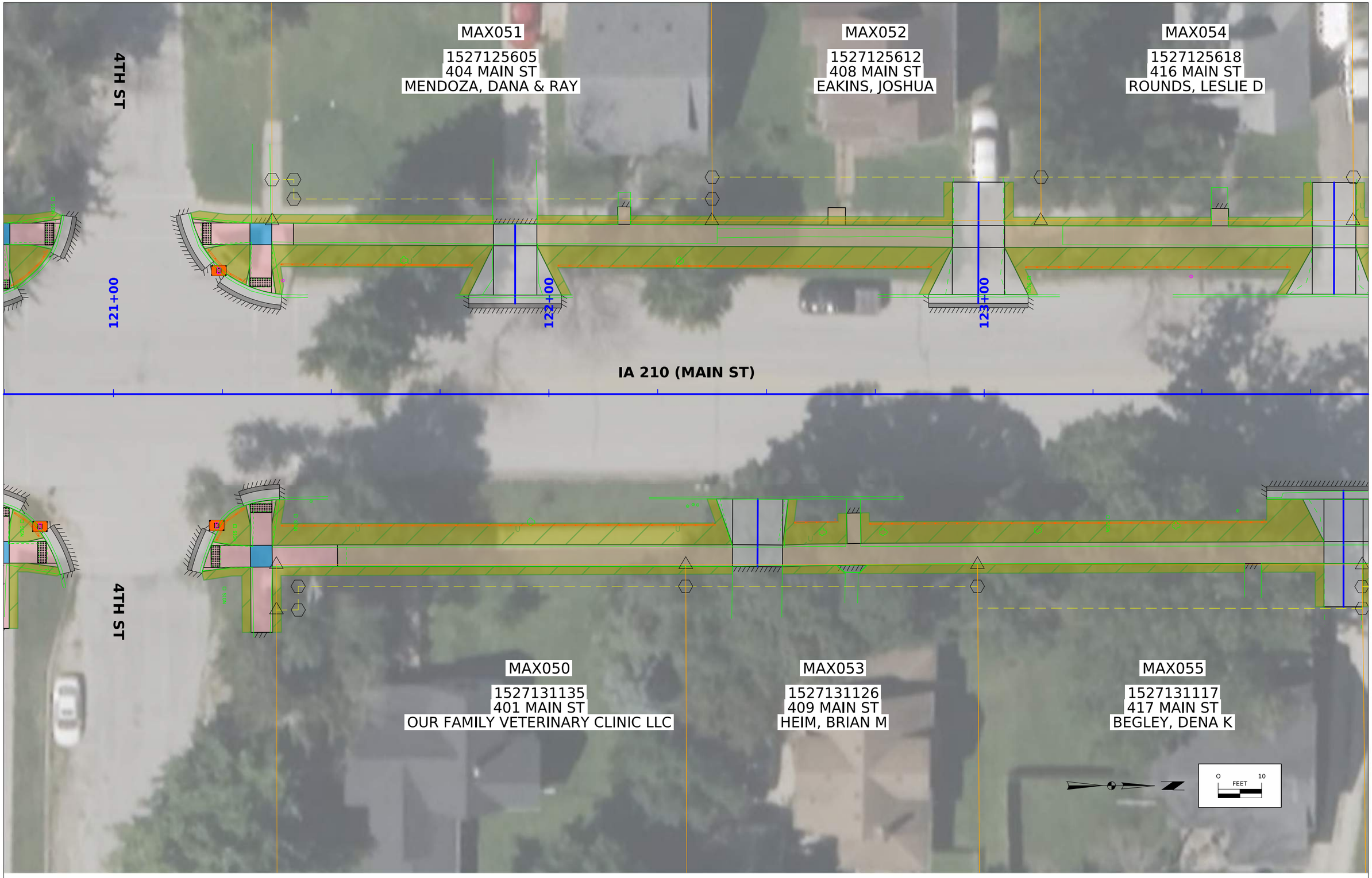
1527131205
317 MAIN ST
JOHNSON, MELANIE & SCOTT

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.8

11:19:26 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.9	

11:19:29 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX056

1527125621
420 MAIN ST
TRAIL, GAIL ANN

MAX057

1527125627
424 MAIN ST
LANDRUM, ERIK & CANDICE

MAX059

1527125631
428 MAIN ST
CORY, MELISSA R / CORY, MATHEW D

5TH ST

321 5TH ST
CORNELIUS, SARA

124+00

123+00

IA 210 (MAIN ST)

MAIN ST

126+00

MAX058

1527131109
421 MAIN ST
NOLL, JACK

MAX060

1527131101
429 MAIN ST
LEWIS, RYAN & SARAH

IA 210 (5TH ST)

MAX061

1522388235
405 5TH ST
ROBINETT, JEFF & CHRIS

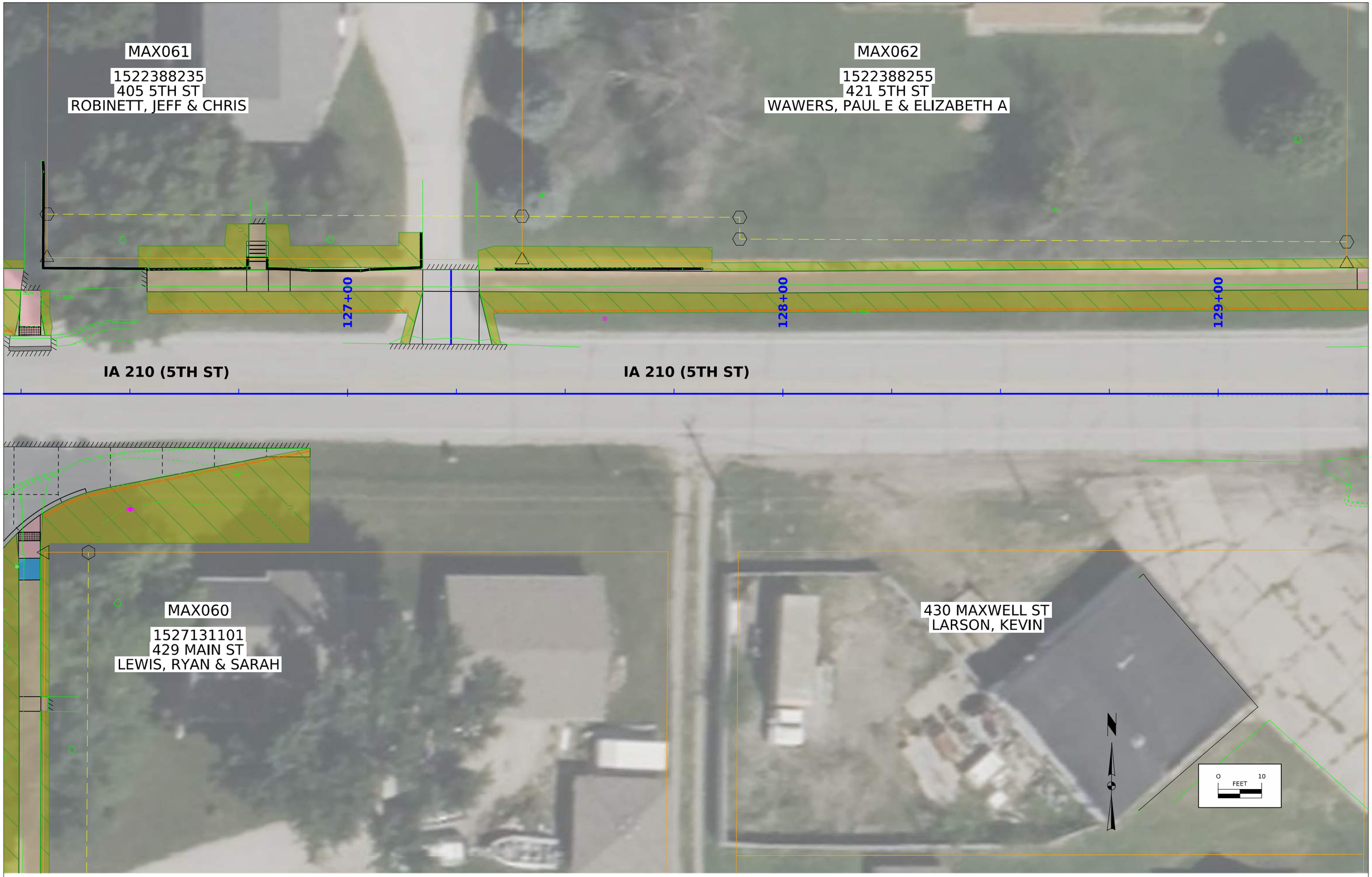
127+00

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.10

11:19:32 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.11	

11:19:36 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

421 5TH ST
WAWERS, PAUL E & ELIZABETH A

MAXWELL ST

MAX063

1522388320
505 5TH ST
COZAD, BRIAN E & STEPHANIE J

MAX064

1522388330
515 5TH ST
PATRICK, MORGAN E

129+00

130+00

131+00

IA 210 (5TH ST)

430 MAXWELL ST
LARSON, KEVIN

MAXWELL ST

MAX069

1527138101
429 MAXWELL ST
BLACKBURN, RYAN J

MAX070

1527138110
425 MAXWELL ST
ORR, KEENYN M

N

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.12	

11:19:38 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

MAX065

1522388340
521 5TH ST
ERICKSON, ANGELINE & CHARLES J

MAX066

1522395415
603 5TH ST
GOLDSBERRY, DAVID & LINDA

METCALF ST

132+00

133+00

134+00

IA 210 (5TH ST)

428 METCALF ST
MILLER, MILES Z

425 METCALF ST
NEWTON, JAMES R & CAROL J

METCALF ST

N

0 10
FEET

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.13	

11:19:41 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER RR.14	

11:19:44 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_RR_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

108-23A
Modified

TRAFFIC CONTROL PLAN

The Contractor shall employ sound practices of safety and traffic control. These methods and practices shall include, but not be limited to, the following:

1. During construction, maintain traffic on IA 210 and sideroads at all times. The Contractor may utilize Standard Road Plan TC-213 to provide working areas and material delivery. Lane closures may not be used for nighttime equipment or materials storage.

2. 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 item.

3. The contractor shall maintain all current traffic control conditions with temporary signage, as required, until permanent signage has been reinstalled.

108-26A
Modified

STAGING NOTES

1. Contractor to be aware of parcels without easements. Work must be done from the street side of the sidewalk.

2. Contractor shall minimize disturbed areas within temporary easements shown. Refer to H-sheets for additional information.

3. The Contractor shall only be permitted to have 4 continuous blocks of IA 210 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 concrete (preparing subgrade and forming).
- One block of sidewalk being replaced (pouring concrete).
- One block of sidewalk being finished including backfilling, soil preparation, and seeding.

4. Construction will be completed in phases to allow pedestrian traffic during construction.

5. The Contractor shall coordinate removal and reconstruction of driveways with each individual property owner prior to commencing driveway removal.

6. The Contractor shall coordinate with each individual property owner prior to interruption of water service or water stop box adjustment work.

7. Contractor shall be aware of the City of Maxwell's Old Settler Days Celebration August 5th, 6th, 7th and 8th, 2027. This includes a parade route on Highway 210 (Main Street) No work shall occur during August 5 through August 8th and the contractor shall ensure ADA compliant access is maintained to each commercial property. The contractor will be responsible to secure each construction area to protect and detour pedestrian traffic.

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

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

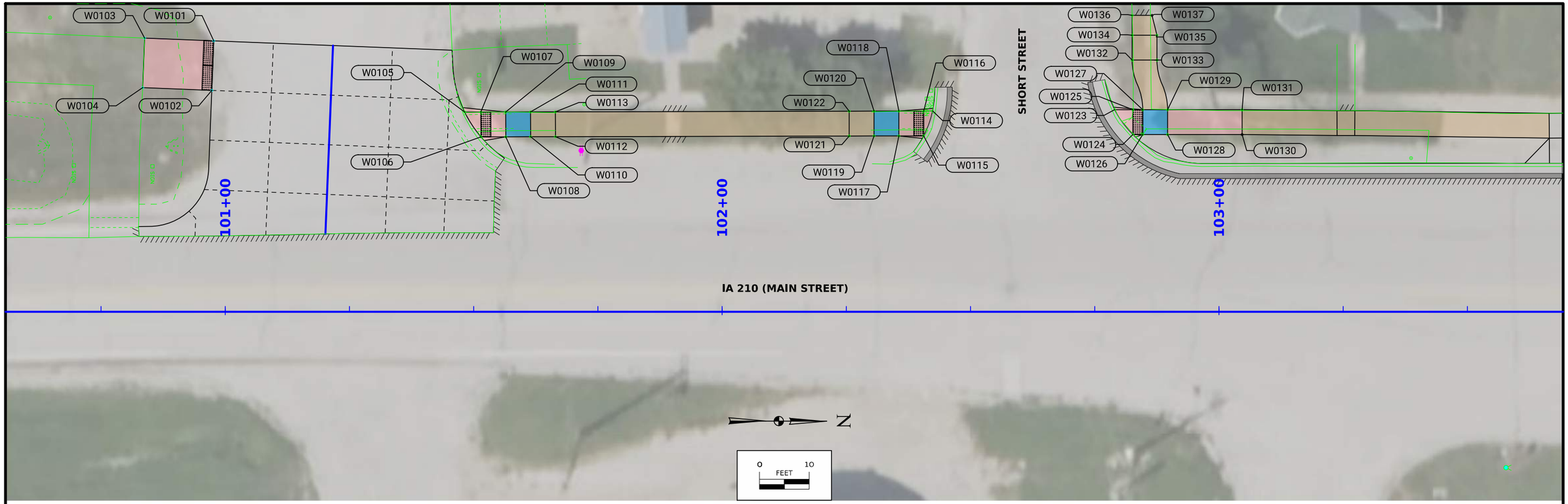
- Proposed Right-of-Way
- Existing and Proposed Right-of-Way
- Easement and Existing Right-of-Way
- Borrow
- Easement (Temporary)
- Easement
- Excess
- A/C Access Control

SIDEWALK LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES S)

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.1

11:19:51 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_LGD_SHT.dgn



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0101	W0102	Ramp Cross Slope	6	10.00	-0.15	-1.50%	0.1% to 2.0%					W0101	100+97.71	-54.57	874.98
W0101	W0103	Ramp Running Slope	6	13.94	0.84	6.00%	0.5% to 8.3%					W0102	100+97.31	-44.57	874.83
W0102	W0104	Ramp Running Slope	6	13.94	0.82	5.90%	0.5% to 8.3%					W0103	100+83.78	-55.12	875.82
W0103	W0104	Match Existing Cross Slope	6	10.00	-0.17	-1.70%	Match Existing					W0104	100+83.38	-45.13	875.65
W0106	W0107	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0105	101+48.21	-40.21	875.24
W0106	W0108	Ramp Running Slope	6	5.00	0.25	5.00%	0.5% to 8.3%					W0106	101+51.47	-35.22	875.20
W0107	W0109	Ramp Running Slope	6	5.00	0.25	5.00%	0.5% to 8.3%					W0107	101+51.46	-40.22	875.28
W0108	W0109	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0108	101+56.47	-35.23	875.45
W0108	W0110	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0109	101+56.46	-40.23	875.53
W0109	W0111	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0110	101+61.47	-35.24	875.53
W0110	W0111	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0111	101+61.46	-40.24	875.60
W0110	W0112	Sidewalk Running Slope	4	5.00	0.17	3.30%	0.5% to 5.0%					W0112	101+66.47	-35.26	875.69
W0111	W0113	Sidewalk Running Slope	4	5.00	0.16	3.30%	0.5% to 5.0%					W0113	101+66.46	-40.26	875.77
W0112	W0113	Sidewalk Cross Slope	4	5.00	0.07	1.50%	0.5% to 2.0%								
W0115	W0116	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0114	102+42.39	-40.43	874.96
W0115	W0117	Ramp Running Slope	6	5.00	0.31	6.30%	0.5% to 8.3%					W0115	102+40.59	-35.43	874.99
W0116	W0118	Ramp Running Slope	6	5.00	0.32	6.30%	0.5% to 8.3%					W0116	102+40.58	-40.43	875.06
W0117	W0118	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0117	102+35.59	-35.41	875.30
W0117	W0119	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0118	102+35.58	-40.41	875.38
W0118	W0120	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0119	102+30.59	-35.40	875.38
W0119	W0120	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0120	102+30.58	-40.40	875.45
W0119	W0121	Sidewalk Running Slope	4	5.00	0.08	1.50%	0.5% to 5.0%					W0121	102+25.59	-35.39	875.45
W0120	W0122	Sidewalk Running Slope	4	5.00	0.07	1.50%	0.5% to 5.0%					W0122	102+25.58	-40.39	875.53
W0121	W0122	Sidewalk Cross Slope	4	5.00	0.07	1.50%	0.5% to 2.0%								

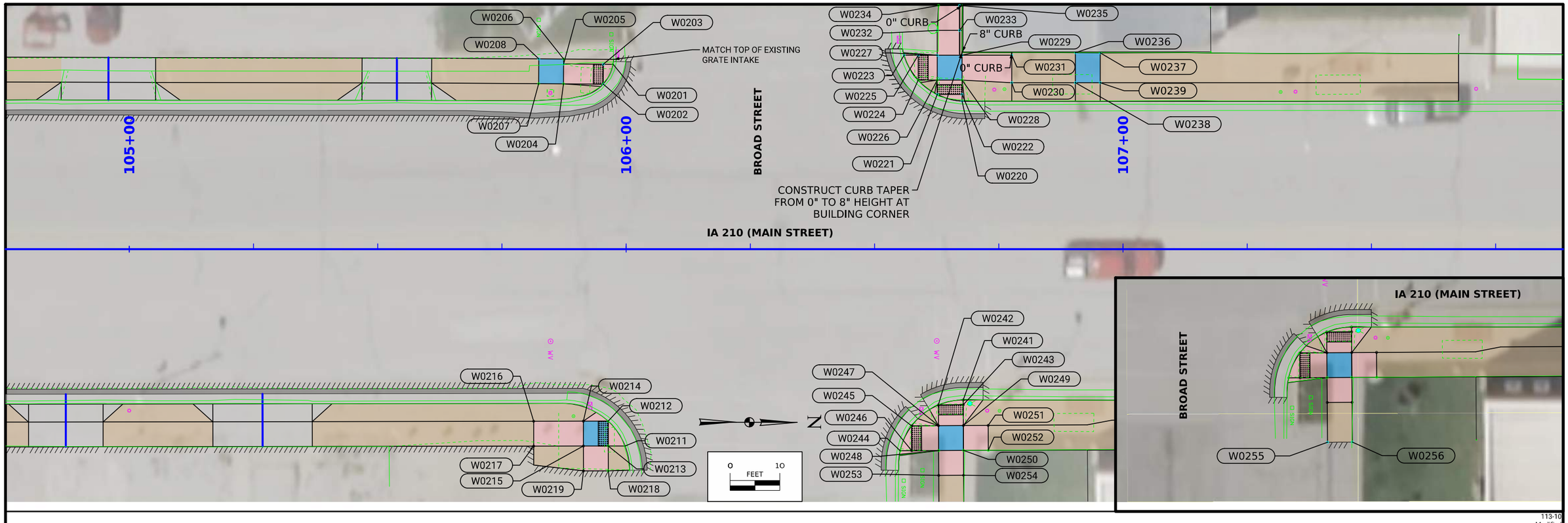
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0124	W0125	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0123	102+79.02	-40.68	874.47
W0124	W0126	Ramp Running Slope	6	2.00	0.13	6.30%	0.5% to 8.3%					W0124	102+82.67	-35.68	874.36
W0125	W0127	Ramp Running Slope	6	2.00	0.13	6.30%	0.5% to 8.3%					W0125	102+82.67	-40.68	874.44
W0126	W0127	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0126	102+84.67	-35.68	874.49
W0126	W0128	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0127	102+84.67	-40.68	874.56
W0127	W0129	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0128	102+89.67	-35.68	874.56
W0127	W0132	Sidewalk Running Slope	4	10.30	0.21	2.00%	0.5% to 5.0%					W0129	102+89.67	-40.68	874.64
W0128	W0129	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0130	103+04.67	-35.68	875.05
W0128	W0130	Ramp Running Slope	6	15.00	0.49	3.30%	0.5% to 8.3%					W0131	103+04.67	-40.68	875.13
W0129	W0131	Ramp Running Slope	6	15.00	0.49	3.30%	0.5% to 8.3%					W0132	102+82.54	-50.68	874.77
W0129	W0133	Sidewalk Running Slope	4	10.30	0.21	2.00%	0.5% to 5.0%					W0133	102+87.54	-50.68	874.84
W0130	W0131	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0134	102+82.54	-55.68	874.84
W0132	W0133	Sidewalk Cross Slope	4	5.00	0.08	1.50%	0.5% to 2.0%					W0135	102+87.54	-55.68	874.92
W0132	W0134	Sidewalk Running Slope	4	5.00	0.08	1.50%	0.5% to 5.0%					W0136	102+82.54	-59.68	874.90
W0133	W0135	Sidewalk Running Slope	4	5.00	0.07	1.50%	0.5% to 5.0%					W0137	102+86.54	-59.68	874.97
W0134	W0135	Sidewalk Cross Slope	4	5.00	0.07	1.50%	0.5% to 2.0%								
W0134	W0136	Sidewalk Running Slope	4	4.00	0.06	1.50%	0.5% to 5.0%								
W0135	W0137	Sidewalk Running Slope	4	4.12	0.06	1.30%	0.5% to 5.0%								
W0136	W0137	Match Existing Cross Slope	4	4.00	0.07	1.80%	Match Existing								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0202	W0203	Ramp Cross Slope	6	4.00	-0.01	-0.20%	0.1% to 2.0%					W0201	105+97.39	-37.19	872.97
W0202	W0204	Ramp Running Slope	6	8.00	0.40	5.10%	0.5% to 8.3%					W0202	105+95.40	-33.20	873.09
W0203	W0205	Ramp Running Slope	6	8.00	0.47	5.90%	0.5% to 8.3%					W0203	105+95.43	-37.20	873.08
W0204	W0205	Ramp Cross Slope	6	4.00	0.06	1.50%	0.1% to 2.0%					W0204	105+87.41	-33.25	873.50
W0204	W0206	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0205	105+87.43	-37.25	873.56
W0204	W0207	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0206	105+87.44	-38.25	873.57
W0206	W0208	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0207	105+82.41	-33.28	873.57
W0207	W0208	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0208	105+82.44	-38.28	873.65
W0212	W0213	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0211	105+99.81	39.57	874.27
W0212	W0214	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0212	105+96.40	34.58	874.11
W0213	W0215	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0213	105+96.41	39.58	874.18
W0213	W0218	Ramp Running Slope	6	5.00	0.37	7.40%	0.5% to 8.3%	Yes				W0214	105+91.40	34.58	874.18
W0214	W0215	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0215	105+91.41	39.58	874.26
W0214	W0216	Ramp Running Slope	6	10.00	0.47	4.70%	0.5% to 8.3%					W0216	105+81.40	34.60	874.65
W0215	W0217	Ramp Running Slope	6	10.00	0.47	4.70%	0.5% to 8.3%					W0217	105+81.41	39.60	874.72
W0215	W0219	Ramp Running Slope	6	5.00	0.38	7.50%	0.5% to 8.3%	Yes				W0218	105+96.41	44.58	874.55
W0216	W0217	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0219	105+91.41	44.58	874.63
W0218	W0219	Match Existing Cross Slope	6	5.00	0.08	1.60%	Match Existing								

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.4	

11:20:18 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_S_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

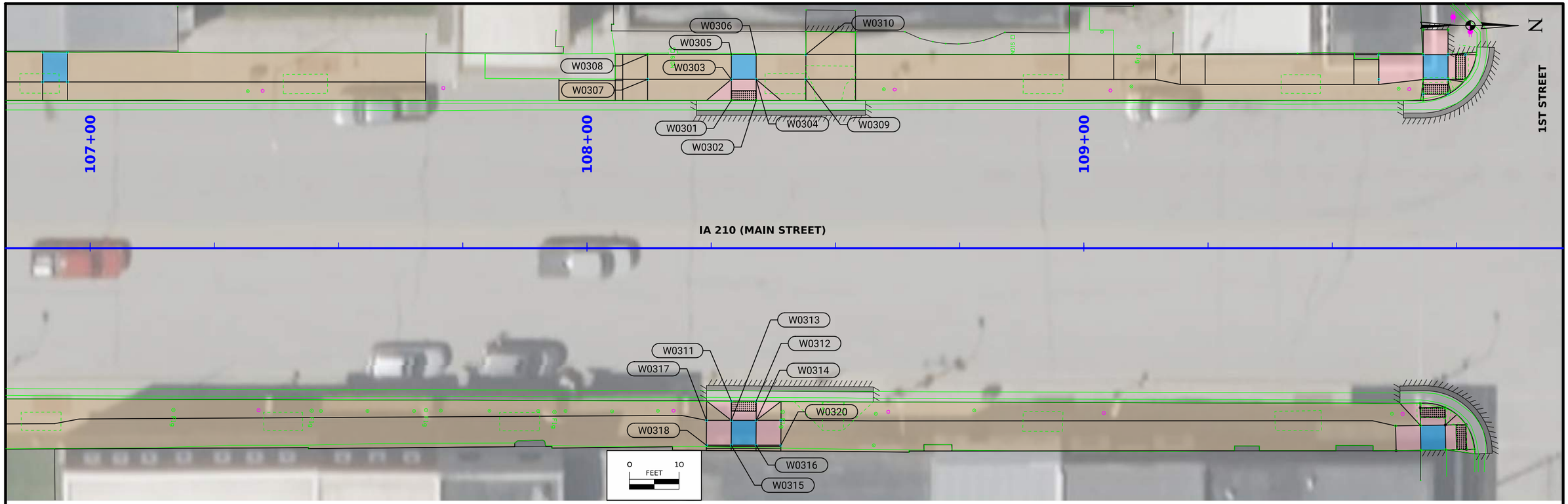
SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0221	W0222	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0220	106+67.61	-29.79	873.46
W0221	W0226	Ramp Running Slope	6	2.89	0.13	4.70%	0.5% to 8.3%					W0221	106+62.61	-31.12	873.39
W0222	W0228	Ramp Running Slope	6	2.89	0.13	4.70%	0.5% to 8.3%					W0222	106+67.61	-31.12	873.46
W0224	W0225	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0223	106+55.95	-39.01	873.12
W0224	W0226	Ramp Running Slope	6	3.83	0.24	6.30%	0.5% to 8.3%					W0224	106+58.78	-34.01	873.28
W0225	W0227	Ramp Running Slope	6	3.83	0.24	6.30%	0.5% to 8.3%					W0225	106+58.78	-39.01	873.36
W0226	W0227	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0226	106+62.61	-34.01	873.52
W0226	W0228	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0227	106+62.61	-39.01	873.60
W0227	W0229	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0228	106+67.61	-34.01	873.60
W0227	W0232	Ramp Running Slope	6	5.00	0.48	9.50%	0.5% to 8.3%				Slope required to match existing conditions	W0229	106+67.61	-39.01	873.67
W0228	W0229	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0230	106+77.61	-34.01	874.18
W0228	W0230	Ramp Running Slope	6	10.00	0.58	5.80%	0.5% to 8.3%					W0231	106+77.61	-39.01	874.25
W0229	W0231	Ramp Running Slope	6	10.00	0.58	5.80%	0.5% to 8.3%					W0232	106+62.61	-44.01	874.07
W0229	W0233	Ramp Running Slope	6	5.00	0.48	9.50%	0.5% to 8.3%				Slope required to match existing conditions	W0233	106+67.61	-44.01	874.15
W0230	W0231	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0234	106+62.87	-49.01	874.57
W0232	W0233	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0235	106+67.66	-49.01	874.66
W0232	W0234	Ramp Running Slope	6	5.00	0.50	10.00%	0.5% to 8.3%				Slope required to match existing conditions	W0236	106+90.43	-39.52	874.41
W0233	W0235	Ramp Running Slope	6	5.00	0.51	10.30%	0.5% to 8.3%				Slope required to match existing conditions	W0237	106+95.43	-39.49	874.43
W0234	W0235	Match Existing Cross Slope	6	4.79	0.09	1.90%	Match Existing					W0238	106+90.43	-33.49	874.32
W0230	W0236	Sidewalk Running Slope	4	12.80	0.24	1.90%	0.5% to 5.0%					W0239	106+95.43	-33.49	874.34
W0231	W0238	Sidewalk Running Slope	4	12.80	0.07	0.60%	0.5% to 5.0%								
W0236	W0238	Landing/Turning Space	4	6.00	-0.09	-1.50%	0.1% to 2.0%								
W0236	W0237	Landing/Turning Space	4	5.00	0.02	0.40%	0.1% to 2.0%								
W0238	W0239	Landing/Turning Space	4	6.00	0.02	0.40%	0.1% to 2.0%								
W0237	W0239	Landing/Turning Space	4	6.00	-0.09	-1.50%	0.1% to 2.0%								
W0242	W0243	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0241	106+67.85	30.32	874.06
W0242	W0247	Ramp Running Slope	6	4.17	0.26	6.20%	0.5% to 8.3%					W0242	106+62.86	31.32	874.04
W0243	W0249	Ramp Running Slope	6	4.17	0.26	6.20%	0.5% to 8.3%					W0243	106+67.86	31.29	874.11
W0245	W0246	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0244	106+55.16	40.52	874.09
W0245	W0247	Ramp Running Slope	6	5.42	0.28	5.30%	0.5% to 8.3%					W0245	106+57.46	35.51	874.01
W0246	W0248	Ramp Running Slope	6	5.42	0.28	5.30%	0.5% to 8.3%					W0246	106+57.49	40.51	874.09
W0247	W0248	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0247	106+62.88	35.49	874.30
W0247	W0249	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0248	106+62.90	40.49	874.37
W0248	W0250	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0249	106+67.88	35.46	874.37
W0248	W0253	Ramp Running Slope	6	5.00	0.26	5.20%	0.5% to 8.3%					W0250	106+67.90	40.46	874.45
W0249	W0250	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0251	106+72.88	35.44	874.55
W0249	W0251	Ramp Running Slope	6	5.00	0.18	3.60%	0.5% to 8.3%					W0252	106+72.90	40.44	874.63
W0250	W0252	Ramp Running Slope	6	5.00	0.18	3.60%	0.5% to 8.3%					W0253	106+62.93	45.49	874.63
W0250	W0254	Ramp Running Slope	6	5.00	0.26	5.20%	0.5% to 8.3%					W0254	106+67.93	45.46	874.71
W0251	W0252	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0255	106+62.95	53.49	874.8163
W0253	W0254	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0256	106+67.95	53.46	874.9361
W0253	W0255	Ramp Running Slope	6	8.00	0.19	2.30%	0.5% to 8.3%				Transition cross slope				
W0254	W0256	Ramp Running Slope	6	8.00	0.23	2.90%	0.5% to 8.3%				Transition cross slope				
W0255	W0256	Match Existing Cross Slope	4	5.00	0.12	2.40%	Match Existing								

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.5	

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

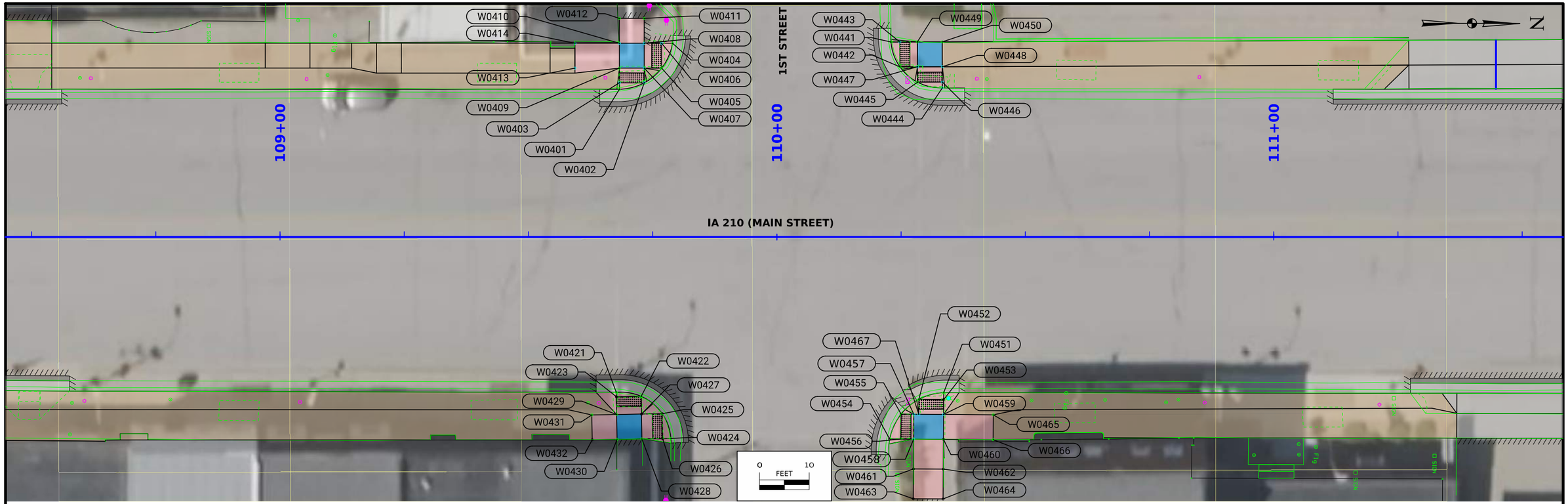
(A) Refer to tabulation 113-01 for bid quantities.
(B) Does not include curb.
(C) Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0301	W0302	Crosswalk Cross Slope - No Yield Condition	6	5.00	0.05	0.90%	0.0% to 5.0%					W0301	108+29.05	-29.76	875.06
W0301	W0303	Ramp Running Slope	6	4.25	0.27	6.20%	0.5% to 8.3%					W0302	108+34.05	-29.76	875.11
W0302	W0304	Ramp Running Slope	6	4.25	0.26	6.20%	0.5% to 8.3%					W0303	108+29.05	-34.01	875.33
W0303	W0304	Landing/Turning Space	6	5.00	0.04	0.90%	0.1% to 2.0%					W0304	108+34.05	-34.01	875.37
W0303	W0305	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0305	108+29.05	-39.01	875.40
W0303	W0307	Sidewalk Running Slope	6	16.87	-0.10	-0.60%	0.5% to 5.0%					W0306	108+34.05	-39.01	875.45
W0304	W0306	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0307	108+12.18	-34.02	875.23
W0304	W0309	Ramp Running Slope	6	10.00	0.75	7.50%	0.5% to 8.3%	Yes				W0308	108+12.18	-39.02	875.31
W0305	W0306	Landing/Turning Space	6	5.00	0.05	0.90%	0.1% to 2.0%					W0309	108+44.05	-34.01	876.12
W0305	W0308	Sidewalk Running Slope	6	16.87	-0.10	-0.60%	0.5% to 5.0%					W0310	108+44.05	-39.01	876.19
W0306	W0310	Ramp Running Slope	6	10.00	0.75	7.50%	0.5% to 8.3%	Yes							
W0307	W0308	Sidewalk Cross Slope	6	5.00	0.07	1.50%	0.5% to 2.0%								
W0309	W0310	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								
W0311	W0312	Crosswalk Cross Slope - No Yield Condition	6	5.00	0.01	0.20%	0.0% to 5.0%					W0311	108+29.04	30.76	875.70
W0311	W0313	Ramp Running Slope	6	4.00	0.23	5.70%	0.5% to 8.3%					W0312	108+34.04	30.80	875.71
W0312	W0314	Ramp Running Slope	6	4.00	0.29	7.20%	0.5% to 8.3%					W0313	108+29.03	34.66	875.93
W0313	W0314	Landing/Turning Space	6	5.00	0.07	1.40%	0.1% to 2.0%					W0314	108+34.03	34.66	876.00
W0313	W0315	Landing/Turning Space	6	5.00	0.07	1.40%	0.1% to 2.0%					W0315	108+29.03	39.66	876.00
W0313	W0317	Ramp Running Slope	6	5.00	0.37	7.50%	0.5% to 8.3%	Yes				W0316	108+34.03	39.66	876.08
W0314	W0316	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0317	108+24.03	34.66	876.31
W0314	W0319	Ramp Running Slope	6	5.00	0.38	7.60%	0.5% to 8.3%	Yes				W0318	108+24.03	39.66	876.38
W0315	W0316	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0319	108+39.03	34.67	876.38
W0315	W0318	Ramp Running Slope	6	5.00	0.38	7.60%	0.5% to 8.3%	Yes				W0320	108+39.03	39.67	876.45
W0316	W0320	Ramp Running Slope	6	5.00	0.37	7.50%	0.5% to 8.3%	Yes							
W0317	W0318	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								
W0319	W0320	Ramp Cross Slope	6	5.00	0.07	1.40%	0.1% to 2.0%								

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.6	

11:20:29 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_S_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0402	W0403	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0401	109+68.29	-29.73	876.61
W0402	W0407	Ramp Running Slope	6	3.00	0.12	4.00%	0.5% to 8.3%					W0402	109+73.29	-31.02	876.68
W0403	W0409	Ramp Running Slope	6	3.00	0.12	4.00%	0.5% to 8.3%					W0403	109+68.29	-31.02	876.75
W0405	W0406	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0404	109+78.98	-38.98	876.78
W0405	W0407	Ramp Running Slope	6	3.50	0.07	2.10%	0.5% to 8.3%					W0405	109+76.81	-33.98	876.72
W0406	W0408	Ramp Running Slope	6	3.50	0.08	2.10%	0.5% to 8.3%					W0406	109+76.81	-38.98	876.80
W0407	W0408	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0407	109+73.29	-33.98	876.80
W0407	W0409	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0408	109+73.30	-38.98	876.87
W0408	W0410	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0409	109+68.29	-33.98	876.87
W0408	W0411	Ramp Running Slope	6	5.00	0.23	4.60%	0.5% to 8.3%					W0410	109+68.30	-38.98	876.95
W0409	W0410	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0411	109+73.30	-43.98	877.10
W0409	W0413	Ramp Running Slope	6	8.95	0.31	3.50%	0.5% to 8.3%					W0412	109+68.30	-43.98	877.16
W0410	W0412	Ramp Running Slope	6	5.00	0.21	4.30%	0.5% to 8.3%					W0413	109+59.35	-33.98	877.18
W0410	W0414	Ramp Running Slope	6	8.95	0.29	3.30%	0.5% to 8.3%					W0414	109+59.35	-38.98	877.24
W0411	W0412	Match Existing Cross Slope	6	5.00	0.06	1.20%	Match Existing								
W0413	W0414	Ramp Cross Slope	6	5.00	0.06	1.20%	0.1% to 2.0%								
W0422	W0423	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0421	109+67.67	31.20	877.52
W0422	W0427	Ramp Running Slope	6	3.56	0.25	7.20%	0.5% to 8.3%					W0422	109+72.68	32.03	877.55
W0423	W0429	Ramp Running Slope	6	3.56	0.25	7.00%	0.5% to 8.3%					W0423	109+67.68	32.11	877.62
W0425	W0426	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0424	109+78.66	40.48	877.70
W0425	W0427	Ramp Running Slope	6	4.17	0.19	4.60%	0.5% to 8.3%					W0425	109+76.92	35.51	877.61
W0426	W0428	Ramp Running Slope	6	4.17	0.19	4.60%	0.5% to 8.3%					W0426	109+77.00	40.51	877.69
W0427	W0428	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0427	109+72.74	35.59	877.80
W0427	W0429	Landing/Turning Space	6	5.00	0.07	1.40%	0.1% to 2.0%					W0428	109+72.83	40.59	877.88
W0428	W0430	Landing/Turning Space	6	5.00	0.07	1.40%	0.1% to 2.0%					W0429	109+67.75	35.68	877.87
W0429	W0430	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0430	109+67.83	40.68	877.95
W0429	W0431	Ramp Running Slope	6	5.00	0.03	0.60%	0.5% to 8.3%					W0431	109+62.75	35.77	877.90
W0430	W0432	Ramp Running Slope	6	5.00	0.03	0.60%	0.5% to 8.3%					W0432	109+62.84	40.76	877.98
W0431	W0432	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.7

11:20:39 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_S_SHT.dgn

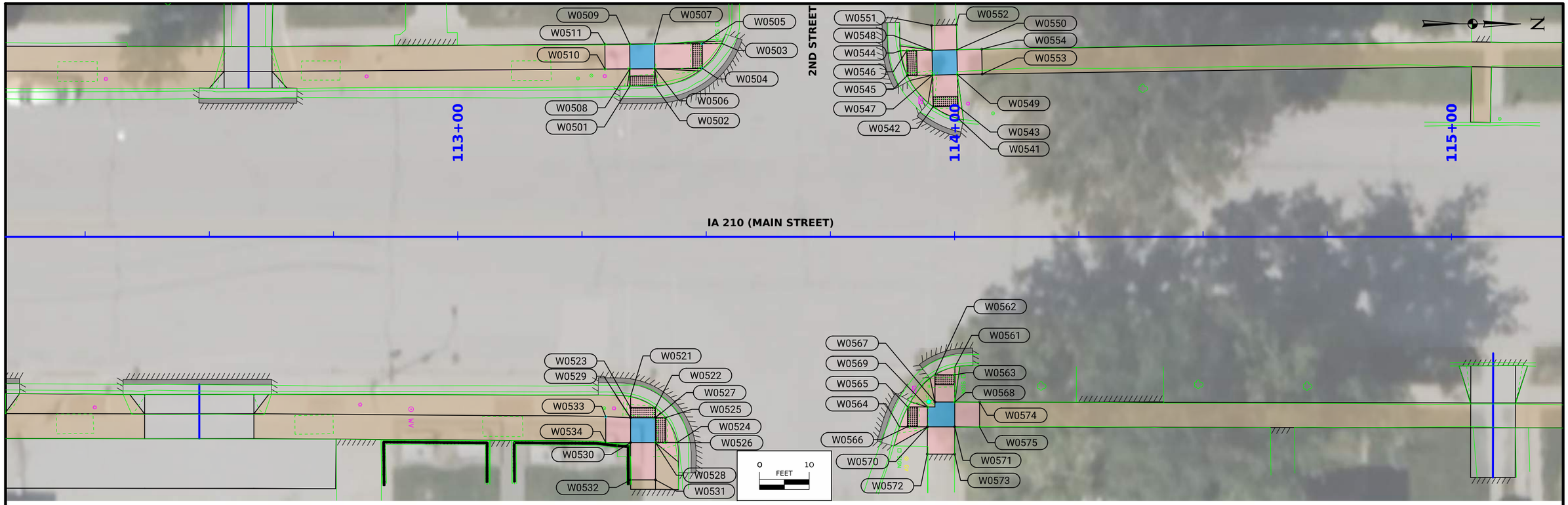
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0442	W0443	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0441	110+22.96	-39.23	876.68
W0442	W0447	Ramp Running Slope	6	3.52	0.20	5.50%	0.5% to 8.3%					W0442	110+24.77	-34.23	876.56
W0443	W0449	Ramp Running Slope	6	3.52	0.20	5.50%	0.5% to 8.3%					W0443	110+24.75	-39.23	876.64
W0445	W0446	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0444	110+33.31	-30.00	876.68
W0445	W0447	Ramp Running Slope	6	3.10	0.20	6.30%	0.5% to 8.3%					W0445	110+28.30	-31.15	876.56
W0446	W0448	Ramp Running Slope	6	3.10	0.20	6.30%	0.5% to 8.3%					W0446	110+33.30	-31.16	876.64
W0447	W0448	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0447	110+28.29	-34.24	876.76
W0447	W0449	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0448	110+33.29	-34.26	876.83
W0448	W0450	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0449	110+28.27	-39.24	876.83
W0449	W0450	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0450	110+33.27	-39.26	876.91
W0452	W0453	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0451	110+33.59	31.27	877.31
W0452	W0467	Ramp Running Slope	6	3.01	0.19	6.40%	0.5% to 8.3%					W0452	110+28.58	32.62	877.28
W0453	W0459	Ramp Running Slope	6	3.01	0.19	6.30%	0.5% to 8.3%					W0453	110+33.58	32.66	877.36
W0455	W0456	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0454	110+22.70	40.59	877.50
W0455	W0457	Ramp Running Slope	6	2.56	0.10	3.80%	0.5% to 8.3%					W0455	110+24.99	35.61	877.36
W0456	W0458	Ramp Running Slope	6	2.56	0.10	3.80%	0.5% to 8.3%					W0456	110+24.96	40.61	877.44
W0457	W0458	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0457	110+27.56	35.63	877.46
W0457	W0459	Landing/Turning Space	4	6.00	0.09	1.50%	0.1% to 2.0%					W0458	110+27.52	40.63	877.53
W0458	W0460	Landing/Turning Space	4	6.00	0.09	1.50%	0.1% to 2.0%					W0459	110+33.56	35.67	877.55
W0458	W0461	Ramp Running Slope	6	6.10	0.44	7.20%	0.5% to 8.3%					W0460	110+33.52	40.67	877.62
W0459	W0460	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0461	110+27.48	46.63	877.97
W0459	W0465	Ramp Running Slope	6	10.00	0.63	6.30%	0.5% to 8.3%					W0462	110+33.48	46.67	878.06
W0460	W0462	Ramp Running Slope	6	6.00	0.44	7.30%	0.5% to 8.3%					W0463	110+27.44	52.63	878.41
W0460	W0466	Ramp Running Slope	6	10.00	0.63	6.30%	0.5% to 8.3%					W0464	110+33.44	52.67	878.50
W0461	W0462	Ramp Cross Slope	6	6.00	0.09	1.50%	0.1% to 2.0%					W0465	110+43.56	35.73	878.17
W0461	W0463	Ramp Running Slope	6	6.00	0.44	7.30%	0.5% to 8.3%					W0466	110+43.52	40.73	878.25
W0462	W0464	Ramp Running Slope	6	6.00	0.44	7.30%	0.5% to 8.3%					W0467	110+28.56	35.63	877.47
W0463	W0464	Match Existing Cross Slope	4	6.00	0.09	1.50%	Match Existing								
W0465	W0466	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0501	W0502	Crosswalk Cross Slope - No Yield Condition	6	5.00	-0.02	-0.50%	0.0% to 5.0%					W0501	113+34.65	-30.35	877.80
W0501	W0508	Ramp Running Slope	6	3.50	0.22	6.10%	0.5% to 8.3%					W0502	113+39.65	-30.41	877.78
W0502	W0506	Ramp Running Slope	6	3.50	0.17	4.70%	0.5% to 8.3%					W0503	113+53.17	-38.92	877.47
W0504	W0505	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0504	113+49.26	-33.90	877.64
W0504	W0506	Ramp Running Slope	6	9.63	0.30	3.10%	0.5% to 8.3%					W0505	113+49.24	-38.90	877.72
W0505	W0507	Ramp Running Slope	6	9.63	0.30	3.10%	0.5% to 8.3%					W0506	113+39.63	-33.85	877.94
W0506	W0507	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0507	113+39.61	-38.85	878.02
W0506	W0508	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0508	113+34.63	-33.82	878.02
W0507	W0509	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0509	113+34.61	-38.82	878.09
W0508	W0509	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0510	113+29.63	-33.79	878.24
W0508	W0510	Ramp Running Slope	6	5.00	0.23	4.50%	0.5% to 8.3%					W0511	113+29.61	-38.79	878.32
W0509	W0511	Ramp Running Slope	6	5.00	0.23	4.50%	0.5% to 8.3%								
W0510	W0511	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								
W0522	W0523	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0521	113+34.78	32.10	878.98
W0522	W0527	Ramp Running Slope	6	2.03	0.13	6.40%	0.5% to 8.3%					W0522	113+39.78	34.35	879.01
W0523	W0529	Ramp Running Slope	6	2.03	0.13	6.40%	0.5% to 8.3%					W0523	113+34.78	34.36	879.08
W0525	W0526	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0524	113+44.22	41.36	879.15
W0525	W0527	Ramp Running Slope	6	2.06	0.09	4.40%	0.5% to 8.3%					W0525	113+41.84	36.37	879.05
W0526	W0528	Ramp Running Slope	6	2.06	0.09	4.40%	0.5% to 8.3%					W0526	113+41.85	41.37	879.12
W0527	W0528	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0527	113+39.78	36.37	879.14
W0527	W0529	Landing/Turning Space	6	5.00	0.08	1.50%	0.1% to 2.0%					W0528	113+39.79	41.37	879.21
W0528	W0530	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0529	113+34.78	36.38	879.21
W0528	W0531	Ramp Running Slope	6	7.50	0.53	7.10%	0.5% to 8.3%					W0530	113+34.79	41.38	879.29
W0529	W0530	Landing/Turning Space	6	5.00	0.07	1.50%	0.1% to 2.0%					W0531	113+39.80	48.87	879.74
W0529	W0533	Ramp Running Slope	6	5.00	0.14	2.80%	0.5% to 8.3%					W0532	113+34.80	48.88	879.82
W0530	W0532	Ramp Running Slope	6	7.50	0.53	7.10%	0.5% to 8.3%					W0533	113+29.78	36.39	879.35
W0530	W0534	Ramp Running Slope	6	5.00	0.14	2.80%	0.5% to 8.3%					W0534	113+29.79	41.39	879.43
W0531	W0532	Match Existing Cross Slope	6	5.00	0.08	1.50%	Match Existing								
W0533	W0534	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%								

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.9	

11:20:52 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_S_SHT.dgn

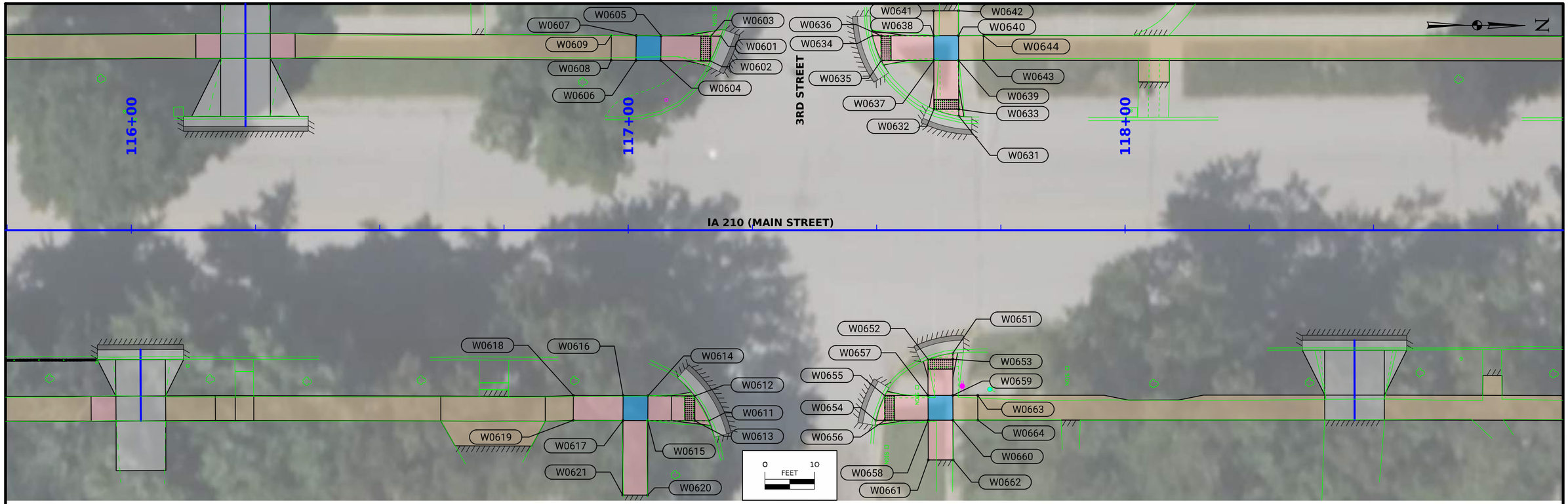
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0542	W0543	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0541	114+00.74	-23.82	877.83
W0542	W0547	Ramp Running Slope	6	6.36	0.29	4.60%	0.5% to 8.3%					W0542	113+95.69	-26.22	877.86
W0543	W0549	Ramp Running Slope	6	6.36	0.29	4.60%	0.5% to 8.3%					W0543	114+00.69	-26.32	877.93
W0545	W0546	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0544	113+89.07	-37.44	877.69
W0545	W0547	Ramp Running Slope	6	5.09	0.32	6.30%	0.5% to 8.3%					W0545	113+90.48	-32.47	877.83
W0546	W0548	Ramp Running Slope	6	5.09	0.32	6.30%	0.5% to 8.3%					W0546	113+90.37	-37.47	877.90
W0547	W0548	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0547	113+95.56	-32.57	878.15
W0547	W0549	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0548	113+95.46	-37.57	878.22
W0548	W0550	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0549	114+00.56	-32.68	878.22
W0548	W0551	Ramp Running Slope	6	5.00	0.07	1.50%	0.5% to 8.3%					W0550	114+00.46	-37.68	878.30
W0549	W0550	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0551	113+95.36	-42.57	878.30
W0549	W0553	Ramp Running Slope	6	5.00	0.26	5.30%	0.5% to 8.3%					W0552	114+00.36	-42.67	878.37
W0550	W0552	Ramp Running Slope	6	5.00	0.08	1.50%	0.5% to 8.3%					W0553	114+05.56	-32.78	878.49
W0550	W0554	Ramp Running Slope	6	5.00	0.26	5.30%	0.5% to 8.3%					W0554	114+05.46	-37.78	878.56
W0551	W0552	Match Existing Cross Slope	4	5.00	0.08	1.50%	Match Existing								
W0553	W0554	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%								
W0562	W0563	Ramp Cross Slope	6	4.00	0.06	1.50%	0.1% to 2.0%					W0561	114+00.07	26.14	878.86
W0562	W0567	Ramp Running Slope	6	5.48	0.34	6.30%	0.5% to 8.3%					W0562	113+96.07	27.73	878.82
W0563	W0568	Ramp Running Slope	6	5.48	0.35	6.30%	0.5% to 8.3%					W0563	114+00.07	27.74	878.88
W0565	W0566	Ramp Cross Slope	6	4.00	0.06	1.50%	0.1% to 2.0%					W0564	113+88.90	38.18	879.06
W0565	W0569	Ramp Running Slope	6	3.98	0.22	5.50%	0.5% to 8.3%					W0565	113+90.56	34.19	878.94
W0566	W0570	Ramp Running Slope	6	3.98	0.22	5.50%	0.5% to 8.3%					W0566	113+90.55	38.19	879.00
W0567	W0568	Landing/Turning Space	4	4.00	0.06	1.50%	0.1% to 2.0%					W0567	113+96.05	33.21	879.17
W0568	W0571	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0568	114+00.05	33.22	879.23
W0568	W0574	Ramp Running Slope	6	5.00	0.27	5.50%	0.5% to 8.3%					W0569	113+94.54	34.20	879.16
W0569	W0570	Landing/Turning Space	4	4.00	0.06	1.50%	0.1% to 2.0%					W0570	113+94.53	38.20	879.22
W0570	W0571	Landing/Turning Space	4	5.50	0.08	1.50%	0.1% to 2.0%					W0571	114+00.03	38.22	879.30
W0570	W0572	Ramp Running Slope	6	5.50	0.38	6.90%	0.5% to 8.3%					W0572	113+94.51	43.70	879.60
W0571	W0573	Ramp Running Slope	6	5.50	0.36	6.50%	0.5% to 8.3%					W0573	114+00.01	43.72	879.66
W0571	W0575	Ramp Running Slope	6	5.00	0.28	5.50%	0.5% to 8.3%					W0574	114+05.05	33.24	879.50
W0572	W0573	Match Existing Cross Slope	4	5.50	0.06	1.10%	Match Existing					W0575	114+05.03	38.24	879.58
W0574	W0575	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0602	W0603	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0601	117+18.66	-39.07	880.07
W0602	W0604	Ramp Running Slope	6	10.00	0.63	6.30%	0.5% to 8.3%					W0602	117+16.56	-34.09	880.04
W0603	W0605	Ramp Running Slope	6	10.00	0.63	6.30%	0.5% to 8.3%					W0603	117+16.60	-39.09	880.12
W0604	W0605	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0604	117+06.56	-34.16	880.67
W0604	W0606	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0605	117+06.60	-39.16	880.74
W0605	W0607	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0606	117+01.56	-34.20	880.74
W0606	W0607	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0607	117+01.60	-39.20	880.82
W0606	W0608	Sidewalk Running Slope	4	5.00	0.09	1.80%	0.5% to 5.0%					W0608	116+96.56	-34.24	880.83
W0607	W0609	Sidewalk Running Slope	4	5.00	0.09	1.80%	0.5% to 5.0%					W0609	116+96.60	-39.24	880.91
W0608	W0609	Sidewalk Cross Slope	4	5.00	0.07	1.50%	0.5% to 2.0%								
W0612	W0613	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0611	117+16.28	38.38	880.68
W0612	W0614	Ramp Running Slope	6	9.44	0.66	7.00%	0.5% to 8.3%					W0612	117+13.40	33.36	880.57
W0613	W0615	Ramp Running Slope	6	9.44	0.66	7.00%	0.5% to 8.3%					W0613	117+13.38	38.36	880.64
W0614	W0615	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0614	117+03.96	33.33	881.23
W0614	W0616	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0615	117+03.94	38.33	881.30
W0615	W0617	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0616	116+98.96	33.31	881.30
W0615	W0620	Ramp Running Slope	6	15.00	1.45	9.60%	0.5% to 8.3%				Length constructed must exceed 15 feet at a uniform running slope	W0617	116+98.94	38.31	881.38
W0616	W0617	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0618	116+88.96	33.27	881.82
W0616	W0618	Ramp Running Slope	6	10.00	0.52	5.20%	0.5% to 8.3%					W0619	116+88.94	38.27	881.89
W0617	W0619	Ramp Running Slope	6	10.00	0.51	5.10%	0.5% to 8.3%					W0620	117+03.89	53.33	882.75
W0617	W0621	Sidewalk Running Slope	4	15.00	1.37	9.10%	0.5% to 5.0%				Length constructed must exceed 15 feet at a uniform running slope	W0621	116+98.89	53.31	882.74
W0618	W0619	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%								
W0620	W0621	Match Existing Cross Slope	4	5.00	0.00	-0.10%	Match Existing								

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER S.11	

11:21:07 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_S_SHT.dgn

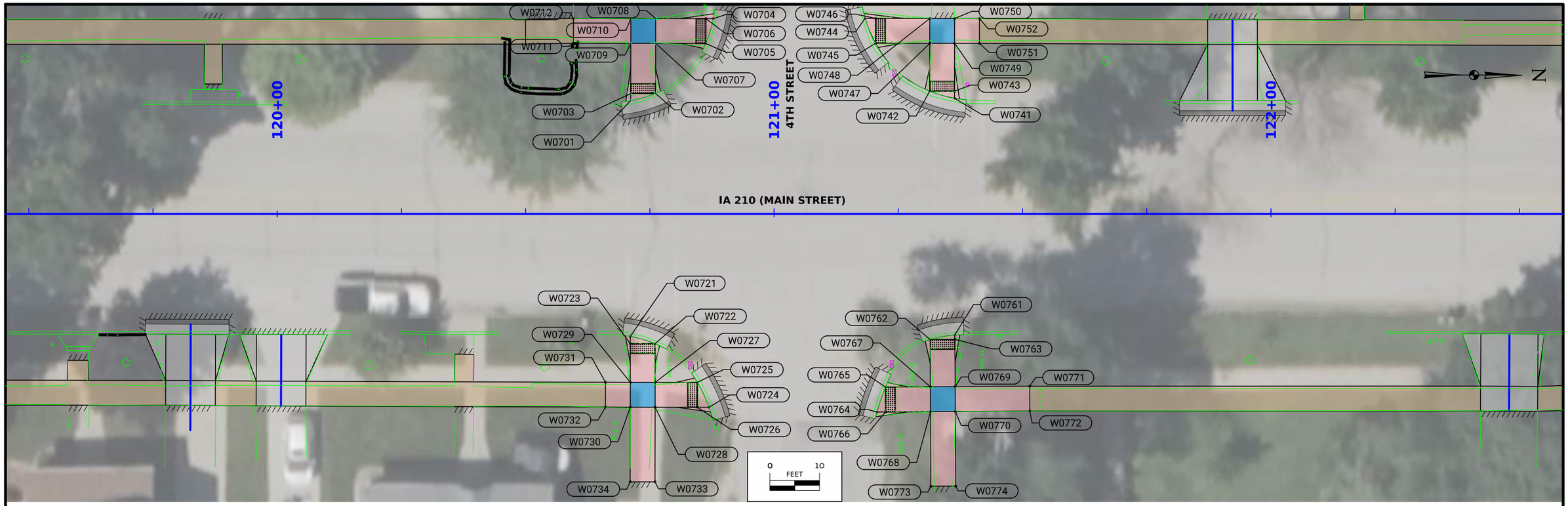
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0632	W0633	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0631	117+66.52	-22.99	880.57
W0632	W0637	Ramp Running Slope	6	9.84	0.38	3.90%	0.5% to 8.3%					W0632	117+61.52	-24.35	880.65
W0633	W0639	Ramp Running Slope	6	9.84	0.38	3.90%	0.5% to 8.3%					W0633	117+66.52	-24.36	880.73
W0635	W0636	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0634	117+49.12	-39.16	880.59
W0635	W0637	Ramp Running Slope	6	10.58	0.38	3.60%	0.5% to 8.3%					W0635	117+50.91	-34.16	880.65
W0636	W0638	Ramp Running Slope	6	10.58	0.38	3.60%	0.5% to 8.3%					W0636	117+50.90	-39.16	880.72
W0637	W0638	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0637	117+61.49	-34.19	881.03
W0637	W0639	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0638	117+61.48	-39.19	881.11
W0638	W0640	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0639	117+66.49	-34.21	881.11
W0638	W0641	Ramp Running Slope	6	5.00	-0.04	-0.80%	0.5% to 8.3%					W0640	117+66.48	-39.21	881.18
W0639	W0640	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0641	117+61.46	-44.19	881.07
W0639	W0643	Ramp Running Slope	6	5.00	0.07	1.40%	0.5% to 8.3%					W0642	117+66.46	-44.21	881.08
W0640	W0642	Ramp Running Slope	6	5.00	-0.10	-2.00%	0.5% to 8.3%					W0643	117+71.49	-34.22	881.18
W0640	W0644	Ramp Running Slope	6	5.00	0.07	1.40%	0.5% to 8.3%					W0644	117+71.48	-39.22	881.25
W0641	W0642	Match Existing Cross Slope	4	5.00	0.01	0.30%	Match Existing								
W0643	W0644	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								
W0652	W0653	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0651	117+65.32	24.76	881.17
W0652	W0657	Ramp Running Slope	6	7.28	0.48	6.50%	0.5% to 8.3%					W0652	117+60.32	25.98	881.17
W0653	W0659	Ramp Running Slope	6	7.28	0.48	6.50%	0.5% to 8.3%					W0653	117+65.32	25.97	881.25
W0655	W0656	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0654	117+49.84	38.29	881.26
W0655	W0657	Ramp Running Slope	6	8.73	0.41	4.70%	0.5% to 8.3%					W0655	117+51.61	33.28	881.24
W0656	W0658	Ramp Running Slope	6	8.73	0.41	4.70%	0.5% to 8.3%					W0656	117+51.62	38.28	881.31
W0657	W0658	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0657	117+60.34	33.26	881.65
W0657	W0659	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0658	117+60.36	38.26	881.72
W0658	W0660	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0659	117+65.34	33.24	881.72
W0658	W0661	Ramp Running Slope	6	8.00	0.51	6.40%	0.5% to 8.3%					W0660	117+65.36	38.24	881.80
W0659	W0660	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0661	117+60.38	46.26	882.24
W0659	W0663	Ramp Running Slope	6	5.00	0.18	3.70%	0.5% to 8.3%					W0662	117+65.38	46.24	882.26
W0660	W0662	Ramp Running Slope	6	8.00	0.47	5.80%	0.5% to 8.3%					W0663	117+70.34	33.23	881.91
W0660	W0664	Ramp Running Slope	6	5.00	0.19	3.70%	0.5% to 8.3%					W0664	117+70.36	38.23	881.98
W0661	W0662	Match Existing Cross Slope	4	5.00	0.02	0.50%	Match Existing								
W0663	W0664	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0702	W0703	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0701	120+71.15	-22.78	879.08
W0702	W0707	Ramp Running Slope	6	10.10	0.75	7.40%	0.5% to 8.3%	Yes				W0702	120+75.15	-23.85	879.06
W0703	W0709	Ramp Running Slope	6	10.10	0.76	7.60%	0.5% to 8.3%	Yes				W0703	120+71.15	-23.85	879.12
W0705	W0706	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0704	120+87.79	-39.29	878.92
W0705	W0707	Ramp Running Slope	6	10.10	0.83	8.20%	0.5% to 8.3%	Yes				W0705	120+86.26	-34.30	878.97
W0706	W0708	Ramp Running Slope	6	10.10	0.83	8.20%	0.5% to 8.3%	Yes				W0706	120+86.27	-39.30	879.05
W0707	W0708	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0707	120+75.17	-34.31	879.83
W0707	W0709	Landing/Turning Space	4	5.00	0.09	1.70%	0.1% to 2.0%	Yes				W0708	120+75.18	-39.31	879.91
W0708	W0710	Landing/Turning Space	4	5.00	0.09	1.70%	0.1% to 2.0%	Yes				W0709	120+71.17	-34.32	879.89
W0709	W0710	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0710	120+71.18	-39.32	879.97
W0709	W0711	Ramp Running Slope	6	11.60	0.96	8.20%	0.5% to 8.3%	Yes				W0711	120+59.61	-34.34	880.85
W0710	W0712	Ramp Running Slope	6	11.60	0.93	8.10%	0.5% to 8.3%	Yes				W0712	120+59.62	-39.34	880.90
W0711	W0712	Match Existing Cross Slope	4	5.00	0.05	1.10%	Match Existing								
W0722	W0723	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0721	120+71.06	24.62	879.44
W0722	W0727	Ramp Running Slope	6	7.75	0.59	7.50%	0.5% to 8.3%	Yes				W0722	120+76.05	26.07	879.41
W0723	W0729	Ramp Running Slope	6	7.75	0.59	7.50%	0.5% to 8.3%	Yes				W0723	120+71.05	26.07	879.48
W0725	W0726	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0724	120+86.92	38.85	879.87
W0725	W0727	Ramp Running Slope	6	8.51	0.54	6.40%	0.5% to 8.3%					W0725	120+84.56	33.85	879.45
W0726	W0728	Ramp Running Slope	6	8.51	0.55	6.40%	0.5% to 8.3%					W0726	120+84.56	38.85	879.52
W0727	W0728	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0727	120+76.05	33.84	879.99
W0727	W0729	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0728	120+76.05	38.84	880.07
W0728	W0730	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0729	120+71.05	33.84	880.07
W0728	W0733	Ramp Running Slope	6	15.00	1.21	8.10%	0.5% to 8.3%	Yes			Length constructed must exceed 15 feet at a uniform running slope	W0730	120+71.05	38.84	880.14
W0729	W0730	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0731	120+66.05	33.84	880.30
W0729	W0731	Ramp Running Slope	6	5.00	0.23	4.70%	0.5% to 8.3%					W0732	120+66.05	38.84	880.38
W0730	W0732	Ramp Running Slope	6	5.00	0.24	4.70%	0.5% to 8.3%					W0733	120+76.04	53.84	881.28
W0730	W0734	Ramp Running Slope	6	15.00	1.22	8.10%	0.5% to 8.3%	Yes			Length constructed must exceed 15 feet at a uniform running slope	W0734	120+71.04	53.84	881.36
W0731	W0732	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								
W0733	W0734	Match Existing Cross Slope	4	5.00	0.08	1.60%	Match Existing								

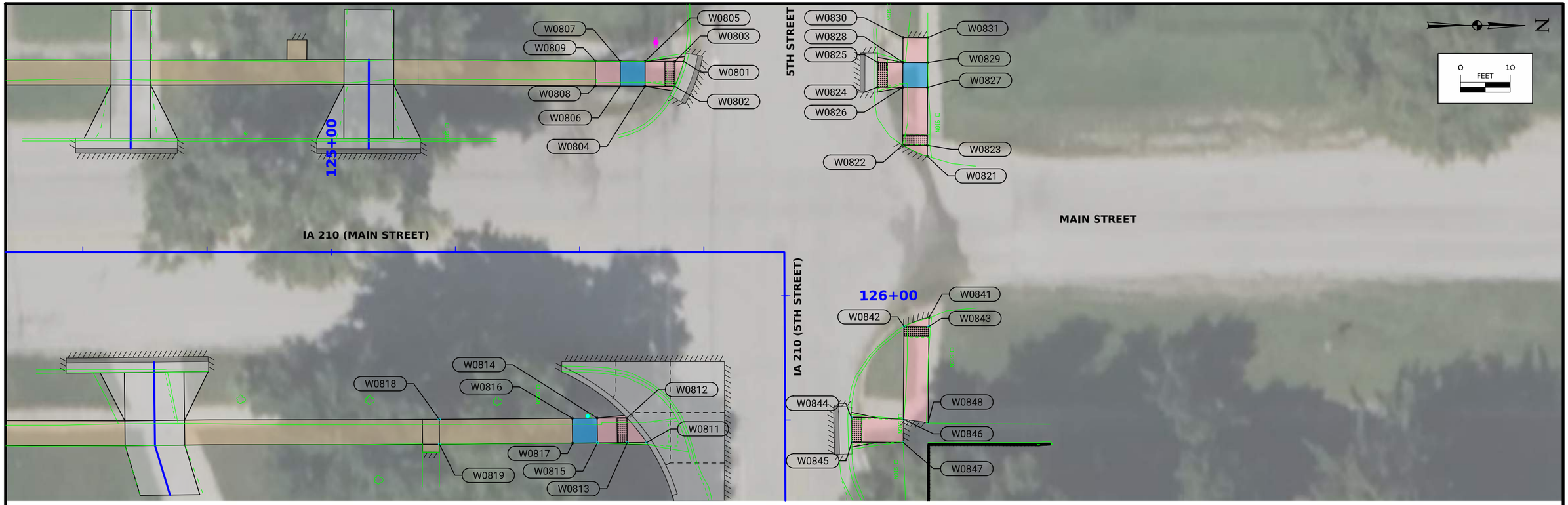
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0742	W0743	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0741	121+36.32	-23.26	878.86
W0742	W0747	Ramp Running Slope	6	9.62	0.60	6.20%	0.5% to 8.3%					W0742	121+31.32	-24.70	878.84
W0743	W0749	Ramp Running Slope	6	9.62	0.56	5.80%	0.5% to 8.3%					W0743	121+36.32	-24.69	878.92
W0745	W0746	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0744	121+18.32	-39.34	879.18
W0745	W0747	Ramp Running Slope	6	10.92	0.42	3.80%	0.5% to 8.3%					W0745	121+20.41	-34.34	879.02
W0746	W0748	Ramp Running Slope	6	10.92	0.42	3.80%	0.5% to 8.3%					W0746	121+20.42	-39.34	879.10
W0747	W0748	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0747	121+31.33	-34.32	879.44
W0747	W0749	Landing/Turning Space	4	5.00	0.03	0.60%	0.1% to 2.0%					W0748	121+31.34	-39.32	879.52
W0748	W0750	Landing/Turning Space	4	5.00	0.03	0.60%	0.1% to 2.0%				Slope required to match existing conditions	W0749	121+36.33	-34.31	879.47
W0749	W0750	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0750	121+36.34	-39.31	879.55
W0749	W0751	Sidewalk Running Slope	4	5.00	0.00	0.00%	0.5% to 5.0%				Slope required to match existing conditions	W0751	121+41.33	-34.30	879.47
W0750	W0752	Sidewalk Running Slope	4	5.00	0.00	0.00%	0.5% to 5.0%				Slope required to match existing conditions	W0752	121+41.34	-39.30	879.55
W0751	W0752	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%								
W0762	W0763	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0761	121+36.38	24.33	879.18
W0762	W0767	Ramp Running Slope	6	9.52	0.67	7.00%	0.5% to 8.3%					W0762	121+31.39	25.23	879.18
W0763	W0769	Ramp Running Slope	6	9.52	0.66	7.00%	0.5% to 8.3%					W0763	121+36.38	25.20	879.26
W0765	W0766	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0764	121+20.68	39.82	879.66
W0765	W0767	Ramp Running Slope	6	9.04	0.50	5.50%	0.5% to 8.3%					W0765	121+22.40	34.81	879.35
W0766	W0768	Ramp Running Slope	6	9.04	0.50	5.50%	0.5% to 8.3%					W0766	121+22.43	39.81	879.42
W0767	W0768	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0767	121+31.44	34.75	879.85
W0767	W0769	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0768	121+31.47	39.75	879.92
W0768	W0770	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0769	121+36.44	34.72	879.92
W0768	W0773	Ramp Running Slope	6	15.00	1.54	10.30%	0.5% to 8.3%				Length constructed must exceed 15 feet at a uniform running slope	W0770	121+36.47	39.72	880.00
W0769	W0770	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0771	121+51.44	34.63	880.92
W0769	W0771	Ramp Running Slope	6	15.00	1.00	6.70%	0.5% to 8.3%					W0772	121+51.47	39.63	881.00
W0770	W0772	Ramp Running Slope	6	15.00	1.00	6.70%	0.5% to 8.3%					W0773	121+31.56	54.75	881.46
W0770	W0774	Ramp Running Slope	6	15.00	1.54	10.30%	0.5% to 8.3%				Length constructed must exceed 15 feet at a uniform running slope	W0774	121+36.56	54.72	881.54
W0771	W0772	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%								
W0773	W0774	Match Existing Cross Slope	4	5.00	0.08	1.60%	Match Existing								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Maptox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0802	W0803	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0801	125+70.96	-38.35	880.35
W0802	W0804	Ramp Running Slope	6	5.00	0.30	6.00%	0.5% to 8.3%					W0802	125+69.14	-33.35	880.37
W0803	W0805	Ramp Running Slope	6	5.00	0.30	6.00%	0.5% to 8.3%					W0803	125+69.17	-38.35	880.44
W0804	W0805	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0804	125+63.14	-33.38	880.67
W0804	W0806	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0805	125+63.17	-38.38	880.74
W0805	W0807	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0806	125+58.14	-33.40	880.74
W0806	W0807	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0807	125+58.17	-38.40	880.82
W0806	W0808	Ramp Running Slope	6	5.00	0.24	4.70%	0.5% to 8.3%					W0808	125+53.14	-33.42	880.98
W0807	W0809	Ramp Running Slope	6	5.00	0.23	4.70%	0.5% to 8.3%					W0809	125+53.17	-38.42	881.05
W0808	W0809	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%								
W0812	W0813	Ramp Cross Slope	6	5.00	0.08	1.50%	0.1% to 2.0%					W0811	126+29.39	27.84	883.26
W0812	W0814	Ramp Running Slope	6	6.00	0.38	6.30%	0.5% to 8.3%					W0812	126+24.40	31.81	883.17
W0813	W0815	Ramp Running Slope	6	6.00	0.38	6.30%	0.5% to 8.3%					W0813	126+29.40	31.79	883.24
W0814	W0815	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0814	125+53.53	33.41	883.54
W0814	W0816	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0815	126+29.42	37.79	883.62
W0815	W0817	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0816	125+48.53	33.45	883.62
W0816	W0817	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0817	125+48.57	38.45	883.69
W0816	W0818	Ramp Running Slope	4	26.80	-0.97	-3.60%	0.5% to 8.3%					W0818	125+21.73	33.67	882.65
W0817	W0819	Ramp Running Slope	4	26.80	-0.97	-3.60%	0.5% to 8.3%					W0819	125+21.77	38.67	882.73
W0818	W0819	Ramp Cross Slope	4	5.00	0.08	1.50%	0.1% to 2.0%								

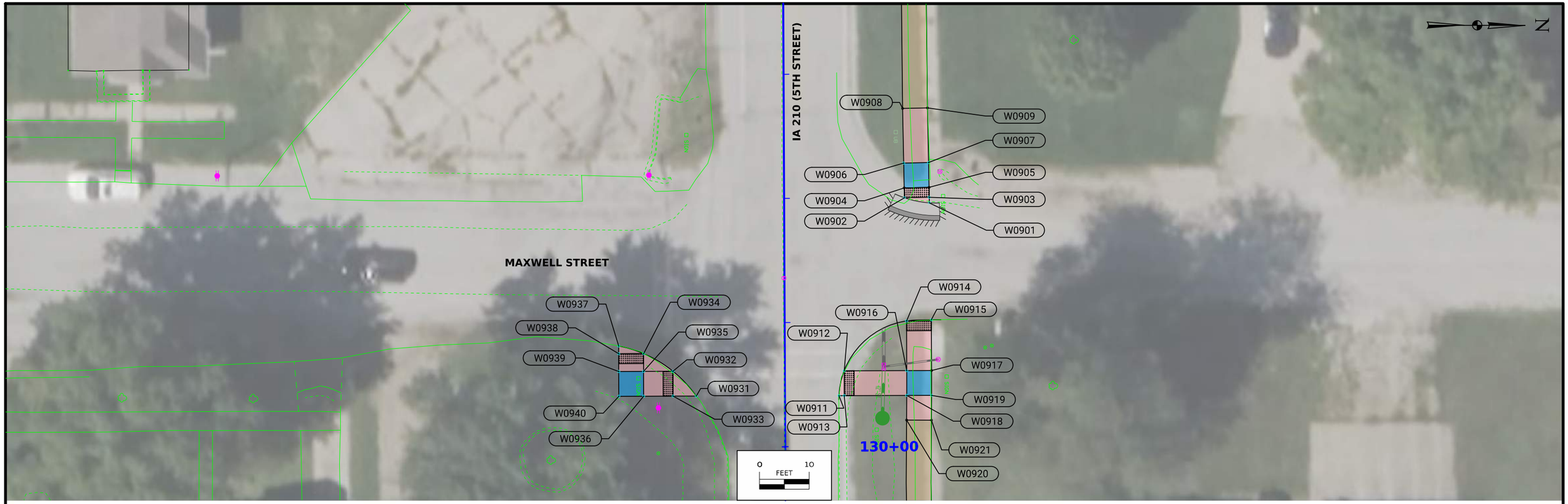
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0822	W0823	Ramp Cross Slope	6	5.00	0.07	1.50%	0.1% to 2.0%					W0821	125+91.19	-34.62	882.14
W0822	W0826	Ramp Running Slope	6	11.63	-0.50	-4.30%	0.5% to 8.3%					W0822	125+91.19	-32.08	881.83
W0823	W0827	Ramp Running Slope	6	11.63	-0.50	-4.30%	0.5% to 8.3%					W0823	125+91.19	-35.93	881.91
W0824	W0825	Crosswalk Cross Slope - No Yield Condition	6	5.00	-0.09	-1.80%	0.0% to 5.0%					W0824	125+91.19	-38.10	881.03
W0824	W0826	Ramp Running Slope	6	5.10	0.30	5.90%	0.5% to 8.3%					W0825	125+91.19	-42.54	880.94
W0825	W0828	Ramp Running Slope	6	5.10	0.31	6.20%	0.5% to 8.3%					W0826	125+91.19	-40.83	881.33
W0826	W0827	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0827	125+91.19	-43.92	881.41
W0826	W0828	Landing/Turning Space	4	5.00	-0.08	-1.50%	0.1% to 2.0%					W0828	125+91.19	-45.00	881.26
W0827	W0829	Landing/Turning Space	4	5.00	-0.07	-1.50%	0.1% to 2.0%					W0829	125+91.19	-47.82	881.33
W0828	W0829	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0830	125+91.19	-49.32	881.48
W0828	W0830	Ramp Running Slope	6	5.00	0.23	4.50%	0.5% to 8.3%					W0831	125+91.19	-51.91	881.58
W0829	W0831	Ramp Running Slope	6	5.00	0.25	5.00%	0.5% to 8.3%								
W0830	W0831	Match Existing Cross Slope	4	5.00	0.10	2.00%	Match Existing								
W0842	W0843	Ramp Cross Slope	6	5.00	0.08	1.70%	0.1% to 2.0%	Yes				W0841	126+04.48	-29.05	882.99
W0842	W0846	Ramp Running Slope	6	19.37	1.34	6.90%	0.5% to 8.3%					W0842	126+06.25	-24.03	883.07
W0843	W0848	Ramp Running Slope	6	19.37	1.29	6.70%	0.5% to 8.3%					W0843	126+06.31	-29.03	883.15
W0844	W0845	Crosswalk Cross Slope - No Yield Condition	6	5.00	0.17	3.40%	0.0% to 5.0%					W0844	126+24.48	-13.30	883.64
W0844	W0846	Ramp Running Slope	6	10.38	0.76	7.30%	0.5% to 8.3%					W0845	126+29.48	-13.38	883.81
W0845	W0847	Ramp Running Slope	6	10.38	0.68	6.60%	0.5% to 8.3%					W0846	126+24.94	-23.80	884.40
W0846	W0847	Match Existing Cross Slope	4	4.70	0.09	1.90%	Match Existing					W0847	126+29.61	-23.74	884.49
W0846	W0848	Match Existing Cross Slope	4	5.00	0.04	0.80%	Match Existing					W0848	126+25.67	-28.79	884.44

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0902	W0903	Ramp Cross Slope	6	5.00	-0.08	-1.50%	0.1% to 2.0%					W0901	129+51.02	-29.23	889.76
W0902	W0904	Ramp Running Slope	6	2.00	0.06	3.20%	0.5% to 8.3%					W0902	129+49.98	-24.22	889.96
W0903	W0905	Ramp Running Slope	6	2.00	0.07	3.30%	0.5% to 8.3%					W0903	129+49.90	-29.22	889.89
W0904	W0905	Landing/Turning Space	4	5.00	-0.07	-1.50%	0.1% to 2.0%					W0904	129+47.98	-24.18	890.03
W0904	W0906	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0905	129+47.90	-29.18	889.95
W0905	W0907	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0906	129+42.99	-24.10	890.10
W0906	W0907	Landing/Turning Space	4	5.00	-0.08	-1.50%	0.1% to 2.0%					W0907	129+42.91	-29.10	890.03
W0906	W0908	Ramp Running Slope	6	11.00	-0.17	-1.50%	0.5% to 8.3%					W0908	129+31.98	-23.93	889.94
W0907	W0909	Ramp Running Slope	6	11.00	-0.16	-1.50%	0.5% to 8.3%					W0909	129+31.90	-28.93	889.86
W0908	W0909	Ramp Cross Slope	6	5.00	-0.07	-1.50%	0.1% to 2.0%								
W0912	W0913	Ramp Cross Slope	6	5.00	0.05	1.00%	0.1% to 2.0%					W0911	129+89.75	-10.86	891.10
W0912	W0916	Ramp Running Slope	6	12.60	-0.96	-7.60%	0.5% to 8.3%	Yes				W0912	129+84.75	-11.94	890.97
W0913	W0918	Ramp Running Slope	6	12.60	-0.93	-7.40%	0.5% to 8.3%	Yes				W0913	129+89.75	-11.93	891.02
W0914	W0915	Crosswalk Cross Slope - Yield Condition	6	5.00	-0.12	-2.40%	0.0% to 2.0%				Match curb profile	W0914	129+74.77	-24.53	890.15
W0914	W0916	Ramp Running Slope	6	10.00	-0.13	-1.30%	0.5% to 8.3%					W0915	129+74.57	-29.53	890.03
W0915	W0917	Ramp Running Slope	6	10.00	-0.09	-0.90%	0.5% to 8.3%					W0916	129+84.77	-24.52	890.01
W0916	W0917	Landing/Turning Space	4	5.00	-0.08	-1.50%	0.1% to 2.0%					W0917	129+84.78	-29.52	889.94
W0916	W0918	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0918	129+89.77	-24.51	890.09
W0917	W0919	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0919	129+89.78	-29.51	890.01
W0918	W0919	Landing/Turning Space	4	5.00	-0.08	-1.50%	0.1% to 2.0%					W0920	129+94.73	-24.46	890.24
W0918	W0920	Ramp Running Slope	6	5.00	0.15	3.10%	0.5% to 8.3%					W0921	129+94.78	-29.46	890.17
W0919	W0921	Ramp Running Slope	6	5.00	0.15	3.10%	0.5% to 8.3%								
W0920	W0921	Ramp Cross Slope	6	5.00	-0.08	-1.50%	0.1% to 2.0%								

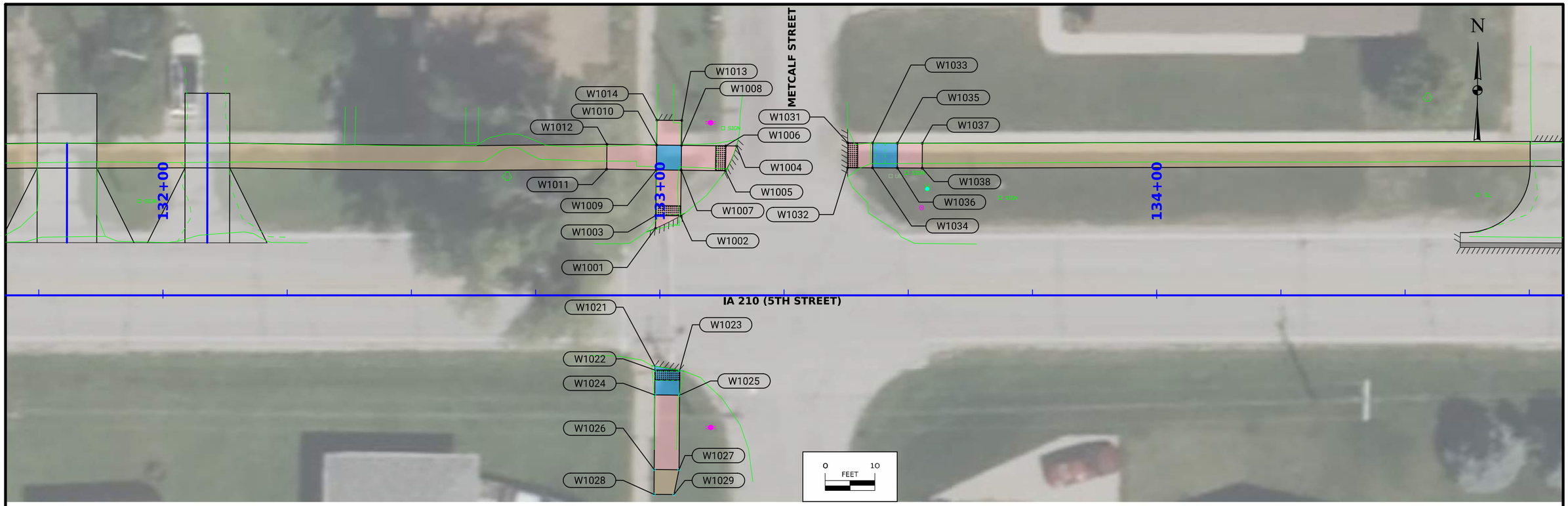
© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W0932	W0933	Landing/Turning Space	4	5.00	0.07	1.30%	0.1% to 2.0%					W0931	129+89.71	17.86	890.68
W0932	W0935	Landing/Turning Space	4	5.90	0.08	1.40%	0.1% to 2.0%					W0932	129+84.70	22.51	890.47
W0933	W0936	Landing/Turning Space	4	5.90	0.09	1.50%	0.1% to 2.0%					W0933	129+89.70	22.52	890.53
W0934	W0935	Ramp Running Slope	6	3.60	0.20	5.50%	0.5% to 8.3%					W0934	129+81.11	28.41	890.35
W0934	W0938	Ramp Cross Slope	6	5.00	0.00	-0.10%	0.1% to 2.0%					W0935	129+84.69	28.43	890.55
W0935	W0936	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0936	129+89.69	28.44	890.62
W0935	W0939	Landing/Turning Space	4	5.00	0.07	1.50%	0.1% to 2.0%					W0937	129+79.55	33.42	890.38
W0936	W0940	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%					W0938	129+81.11	33.43	890.34
W0937	W0938	Ramp Running Slope	6	1.60	-0.04	-2.50%	0.5% to 8.3%					W0939	129+84.68	33.43	890.62
W0938	W0939	Ramp Running Slope	6	3.60	0.28	7.80%	0.5% to 8.3%	Yes				W0940	129+89.68	33.44	890.70
W0939	W0940	Landing/Turning Space	4	5.00	0.08	1.50%	0.1% to 2.0%								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox



113-10
Modified

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W1002	W1003	Ramp Cross Slope	6	5.00	0.07	1.40%	0.1% to 2.0%					W1001	132+99.15	-13.47	896.82
W1002	W1007	Ramp Running Slope	6	9.18	0.10	1.10%	0.5% to 8.3%					W1002	133+04.18	-15.98	896.85
W1003	W1009	Ramp Running Slope	6	9.18	0.10	1.10%	0.5% to 8.3%					W1003	132+99.18	-16.05	896.92
W1005	W1006	Ramp Cross Slope	6	5.00	0.05	1.00%	0.1% to 2.0%					W1004	133+15.45	-30.01	896.70
W1005	W1007	Ramp Running Slope	6	8.92	0.33	3.70%	0.5% to 8.3%					W1005	133+13.21	-25.04	896.62
W1006	W1008	Ramp Running Slope	6	8.92	0.33	3.70%	0.5% to 8.3%					W1006	133+13.28	-30.04	896.67
W1007	W1008	Landing/Turning Space	4	5.00	0.05	1.00%	0.1% to 2.0%					W1007	133+04.30	-25.16	896.95
W1007	W1009	Landing/Turning Space	4	5.00	0.07	1.40%	0.1% to 2.0%					W1008	133+04.36	-30.16	897.00
W1008	W1010	Landing/Turning Space	4	5.00	0.07	1.40%	0.1% to 2.0%					W1009	132+99.30	-25.22	897.02
W1008	W1013	Ramp Running Slope	6	5.00	-0.19	-3.80%	0.5% to 8.3%					W1010	132+99.36	-30.22	897.07
W1009	W1010	Landing/Turning Space	4	5.00	0.05	1.00%	0.1% to 2.0%					W1011	132+89.30	-25.36	897.22
W1009	W1011	Ramp Running Slope	6	10.00	0.20	2.00%	0.5% to 8.3%					W1012	132+89.36	-30.35	897.30
W1010	W1012	Ramp Running Slope	6	10.00	0.23	2.30%	0.5% to 8.3%					W1013	133+04.43	-35.16	896.81
W1010	W1014	Ramp Running Slope	6	5.00	-0.20	-4.00%	0.5% to 8.3%					W1014	132+99.43	-35.22	896.87
W1011	W1012	Ramp Cross Slope	6	5.00	0.08	1.60%	0.1% to 2.0%	Yes							
W1013	W1014	Match Existing Cross Slope	4	5.00	0.06	1.20%	Match Existing								
W1021	W1024	Landing/Turning Space	4	5.80	-0.09	-1.50%	0.1% to 2.0%					W1021	132+99.01	14.25	896.49
W1022	W1023	Landing/Turning Space	4	5.00	-0.03	-0.70%	0.1% to 2.0%					W1022	132+99.01	15.05	896.48
W1023	W1025	Landing/Turning Space	4	5.00	-0.07	-1.50%	0.1% to 2.0%					W1023	133+04.01	15.08	896.45
W1024	W1025	Landing/Turning Space	4	5.00	-0.03	-0.60%	0.1% to 2.0%					W1024	132+98.97	20.05	896.41
W1024	W1026	Ramp Running Slope	6	15.00	N/A	N/A	0.5% to 8.3%	Yes			Length constructed must exceed 15 feet at a uniform running slope	W1025	133+03.97	20.08	896.37
W1025	W1027	Ramp Running Slope	6	15.00	N/A	N/A	0.5% to 8.3%	Yes			Length constructed must exceed 15 feet at a uniform running slope	W1026	132+98.86	35.05	N/A
W1026	W1027	Ramp Cross Slope	6	5.00	N/A	N/A	0.1% to 2.0%	Yes			Field Verification required	W1027	133+03.86	35.08	N/A
W1026	W1028	Sidewalk Running Slope	4	5.00	N/A	N/A	0.5% to 5.0%	Yes			Field Verification required	W1028	132+98.83	40.05	N/A
W1027	W1029	Sidewalk Running Slope	4	5.00	N/A	N/A	0.5% to 5.0%	Yes			Field Verification required	W1029	133+02.83	40.08	N/A

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

SIDEWALK COMPLIANCE

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

Point To Point		Sidewalk Description	_" PCC Sidewalk (A)	Distance (B)	Elevation	Slope	Acceptable Constructed Range	Staking Required On This Quadrant? (C)	Measured Slope	Initials	Remarks	For Information Only: Values Used To Determine Designed Slopes			
				FT	FT	%	Pos. or Neg.		%			Point	Station	Offset	Elevation
W1031	W1032	Crosswalk Cross Slope - Yield Condition	6	5.00	-0.07	-1.50%	0.0% to 2.0%					W1031	133+37.83	-30.65	896.65
W1031	W1033	Ramp Running Slope	6	5.00	0.15	3.00%	0.5% to 8.3%					W1032	133+37.80	-25.65	896.58
W1032	W1034	Ramp Running Slope	6	5.00	0.15	3.00%	0.5% to 8.3%					W1033	133+42.83	-30.62	896.80
W1033	W1034	Landing/Turning Space	4	5.00	-0.07	-1.50%	0.1% to 2.0%					W1034	133+42.80	-25.62	896.73
W1033	W1035	Landing/Turning Space	4	5.00	0.05	1.00%	0.1% to 2.0%					W1035	133+47.83	-30.60	896.85
W1034	W1036	Landing/Turning Space	4	5.00	0.05	1.00%	0.1% to 2.0%					W1036	133+47.80	-25.60	896.78
W1035	W1036	Landing/Turning Space	4	5.00	-0.08	-1.50%	0.1% to 2.0%					W1037	133+52.83	-30.57	896.92
W1035	W1037	Ramp Running Slope	6	5.00	0.07	1.40%	0.5% to 8.3%					W1038	133+52.80	-25.57	896.85
W1036	W1038	Ramp Running Slope	6	5.00	0.07	1.40%	0.5% to 8.3%								
W1037	W1038	Ramp Cross Slope	6	5.00	-0.07	-1.50%	0.1% to 2.0%								

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox

405 5TH ST
ROBINETT, JEFF & CHRIS

421 5TH ST
WAWERS, PAUL E & ELIZABETH A

MAIN ST

126+00

127+00

128+00

INSTALL TYPE B CONCRETE STEPS
WITHOUT HANDRAIL

INSTALL 23 LF OF COMBINED RETAINING
WALL AND SIDEWALK, PER MI-221

TOP POINT
ELV: 889.80

TOP POINT
ELV: 889.86

INSTALL 44 LF OF COMBINED RETAINING
WALL AND SIDEWALK, PER MI-221

TOP POINT
ELV: 890.00

REMOVE 48 LF OF RETAINING WALL

INSTALL 50 LF OF COMBINED RETAINING
WALL AND SIDEWALK, PER MI-221

REMOVE 27 LF OF RETAINING WALL

REMOVE 47 LF OF RETAINING WALL

IA 210 (5TH ST)

0 10
FEET

TOP OF WALL
ELV: 890.00

TOP OF WALL
ELV: 890.00

22'-11"

35'-6"

40'-0"

10'-0"

TOP OF WALL
ELV: 890.00

TOP OF WALL
ELV: 889.37

COMBINED RETAINING WALL
AND SIDEWALK, PER MI-221

BOTTOM OF WALL
ELV: 888.87

890

890

TOP OF WALL
ELV: 888.35

BOTTOM OF WALL
ELV: 888.53

EXISTING RETAINING WALL

TOP OF WALL
ELV: 889.30

EXISTING SIDEWALK

TOP OF SIDEWALK AT FRONT OF WALL

BOTTOM OF WALL
ELV: 888.26

BOTTOM OF WALL
ELV: 886.40

BOTTOM OF WALL
ELV: 887.30

BOTTOM OF WALL
ELV: 887.22

885

885

126+00

127+00

128+00

FILE NO.	ENGLISH	DESIGN TEAM FOTH	STORY COUNTY	PROJECT NUMBER STPN-210-3(041)--2J-85	SHEET NUMBER U.1

11:22:15 AM 9/25/2026 nxr1 pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\8521001024\Design\CADD_Files\Sheet_Files\8521001024_U_SHT.dgn

© 2026 Microsoft Corporation © Maxar ©CNES (2026) Distribution Airbus DS © Mapbox