LETTING DATE
Dec 15 2026

Sidewalk Replacement
NHSN-014-4(071)--2R-50

Jasper COUNTY

No.	DESCRIPTION
A Sheets	**Title Sheets**
* A.1	Title Sheet
* A.2	Location Map Sheet
B Sheets	**Typical Cross Sections and Details**
B.1 - 7	Typical Cross Sections and Details
C Sheets	**Quantities and General Information**
C.1 - 3	Estimated Project Quantities and Reference Notes
C.4 - 5	Standard Road Plans
C.6	Project Description
C.7	Index of Tabulations
C.8 - 10	Removals
C.11	Standards
C.12 - 24	Tabulations
CD.1	Drainage Tabulations
D Sheets	**Mainline Plan and Profile Sheets**
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 14	Plan Sheets
E Sheets	**Side Road Plan and Profile Sheets**
* E.1	Business 163 Plan Sheet
F Sheets	**Removal Plan Sheets**
* F.1 - 13	Removal Plan Sheets
G Sheets	**Survey Sheets**
G.1	Survey Information and Validation Points Informat
G.2 - 3	Horizontal and Vertical Control Coordinate Listin
H Sheets	**Right-of-Way Sheets**
* H.1 - 13	Right of Way Plan Sheets
J Sheets	**Traffic Control and Staging Sheets**
* J.1	Traffic Control & Staging Legend & Symbol Info. S
* J.2	Staging & Traffic Control Notes
* J.3 - 6	Staging and Traffic Control Plan Sheets
RR & RC Sheets	**Erosion Control Sheets**
RC.1 - 6	Est. Quantities, General Notes and Tabulations
* RR.1 - 14	Erosion Control Legend & Erosion Control Plan She
S Sheets	**Sidewalk Sheets**
* S.1	Sidewalk Legend & Symbol Information Sheet
* S.2 - 33	Sidewalk Plans and Tabulations
U Sheets	**Retaining Wall Sheet**
U.1	Retaining Wall Plan and Profile Sheet
	* Color Plan Sheets

IOWA DOT

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

Jasper COUNTY

Sidewalk Replacement

In the City of Monroe

–

–

SCALES: As Noted

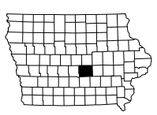
Refer to the Proposal Form for list of applicable specifications.

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

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811

REVISIONS

	TOTAL
	138
PROJECT IDENTIFICATION NUMBER	
9449	
PROJECT NUMBER	
NHSN-014-4(071)--2R-50	
R.O.W. PROJECT NUMBER	
-	
-	
-	



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	Spencer T. Wignall	Primary Signature Block	X

LICENSED PROFESSIONAL ENGINEER
SPENCER T. WIGNALL
P26485
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.

10-1-26

Spencer T. Wignall, P.E. Date

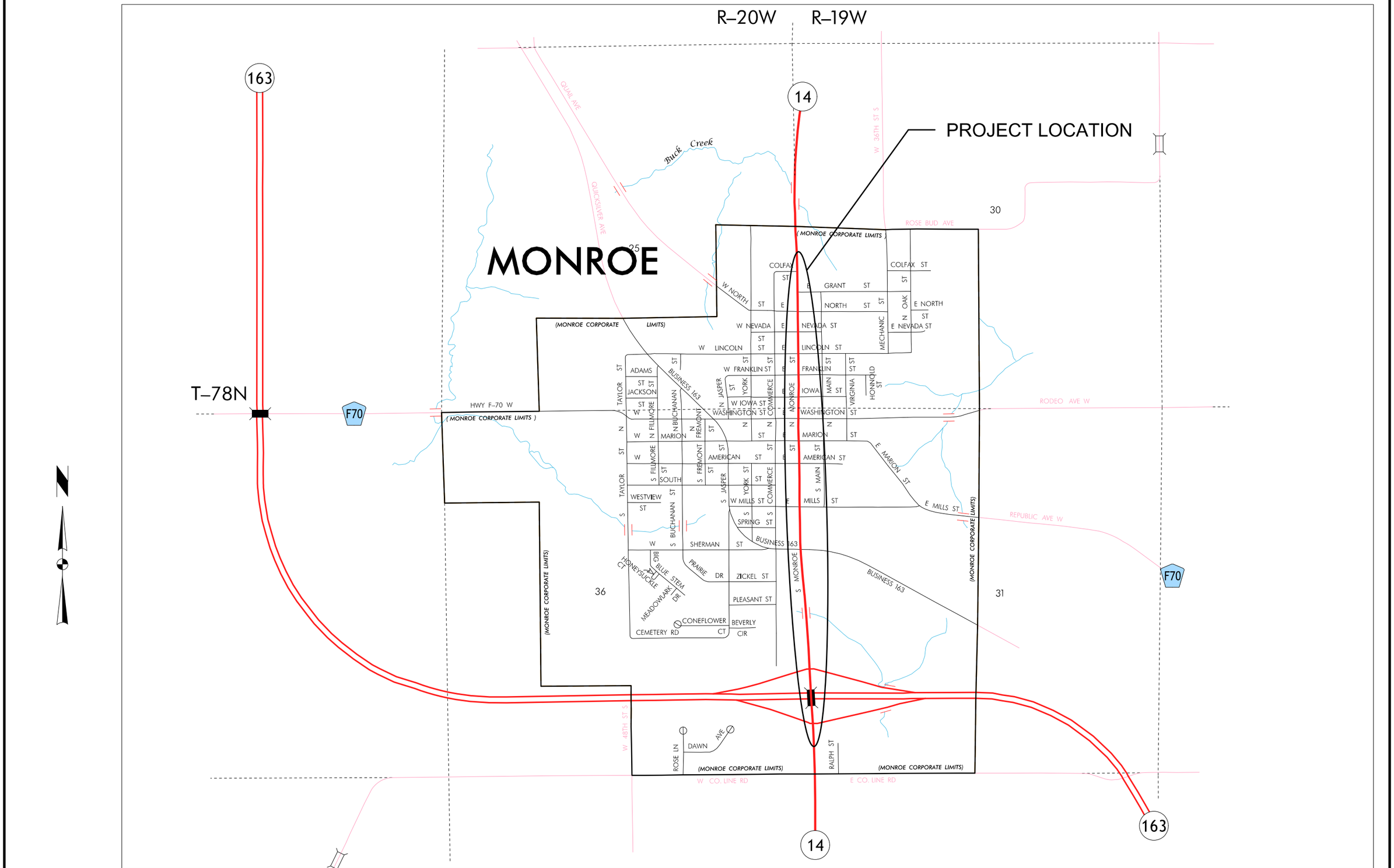
License Number P26485

My License Renewal Date is December 31, 2026

Pages or sheets covered by this seal:
A.1-A.2, B.1-B.7, C.1-C.24, CD.1, D.1-D.14, E.1, F.1-F.13, G.1-G.3, H.1-H.13, J.1-J.8, RC.1-RC.6, RR.1-RR.14, S.1-S.33, U.1

FILE NO. 98765 | ENGLISH | DESIGN TEAM Snyder & Associates, Inc. | Jasper COUNTY | PROJECT NUMBER NHSN-014-4(071)--2R-50 | SHEET NUMBER A.1

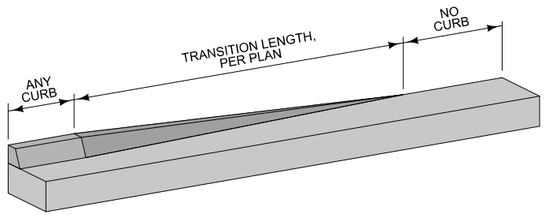
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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER A.2

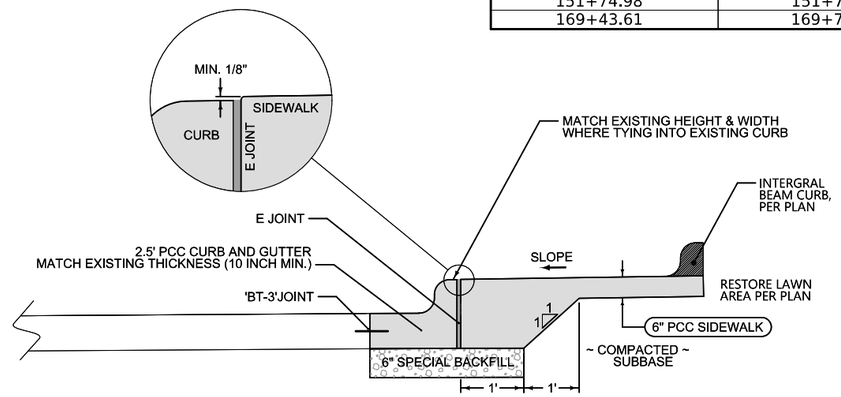
9:06:38 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_A01toA02.dgn

TRANSITION		
BEGIN STATION	END STATION	SIDE
147+78.55	147+83.89	RT
148+42.60	148+48.52	RT
151+75.00	151+78.70	LT
151+86.11	151+99.54	LT
154+34.68	154+37.85	LT
154+46.65	154+49.68	LT
160+60.12	160+69.26	RT
160+76.43	160+79.72	RT
161+27.45	160+31.35	LT
161+31.84	164+35.32	RT
164+41.26	164+51.23	LT



CLASS A CURB TRANSITION FOR LANDING

STATION	TO	STATION
147+60.27		147+78.22
151+74.98		151+75.17
169+43.61		169+70.84

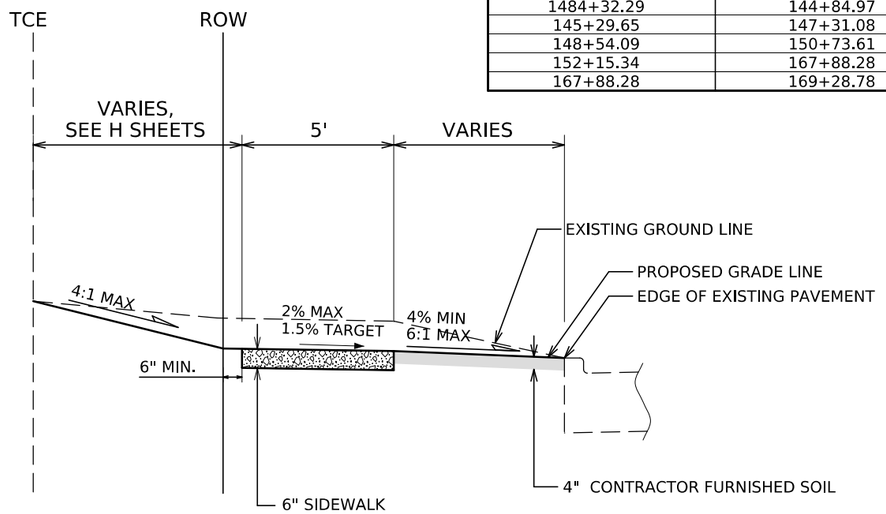


NOTES:

1. TARGET CROSS SLOPE FOR ALL SIDEWALK IS 1.5%, MIN CROSS SLOPE IS 0.5% AND MAXIMUM CROSS SLOPE IS 2%. REFER TO THE S SHEETS FOR ELEVATION INFORMATION.

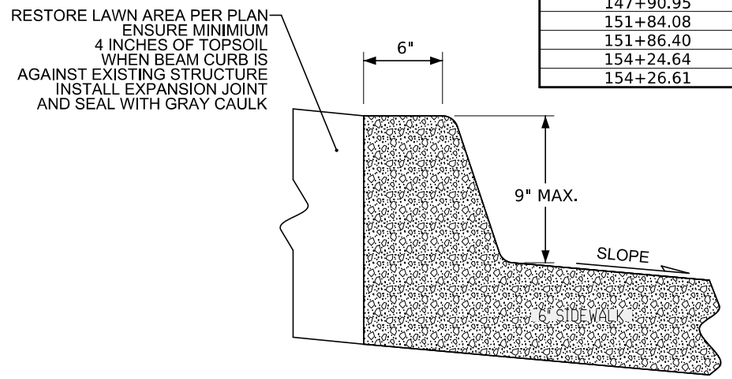
TYPICAL THICKENED CLASS A SIDEWALK BEHIND CURB AND GUTTER UNIT

STATION	TO	STATION	SIDE
1484+32.29		1485+62.72	LT
1484+32.29		144+84.97	RT
145+29.65		147+31.08	BOTH
148+54.09		150+73.61	RT
152+15.34		167+88.28	BOTH
167+88.28		169+28.78	RT



TYPE "B" SIDEWALK

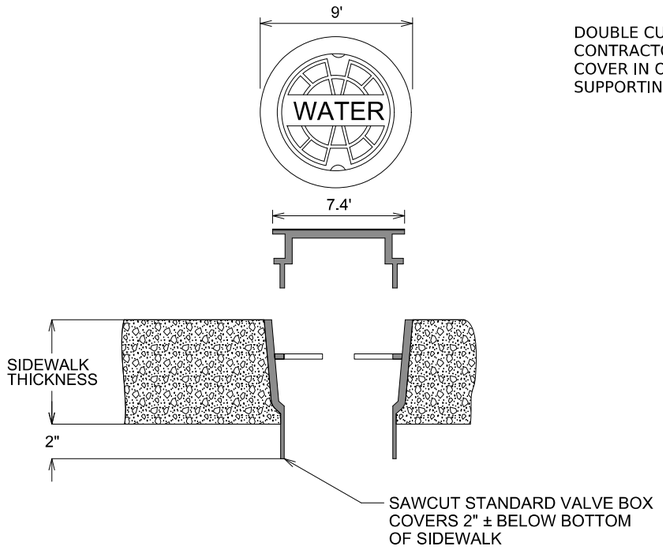
STATION	TO	STATION	SIDE
147+34.38		147+86.00	LT
147+90.95		147+97.02	RT
151+84.08		151+85.56	LT
151+86.40		152+01.40	RT
154+24.64		154+39.91	LT
154+26.61		154+44.32	RT



NOTES:

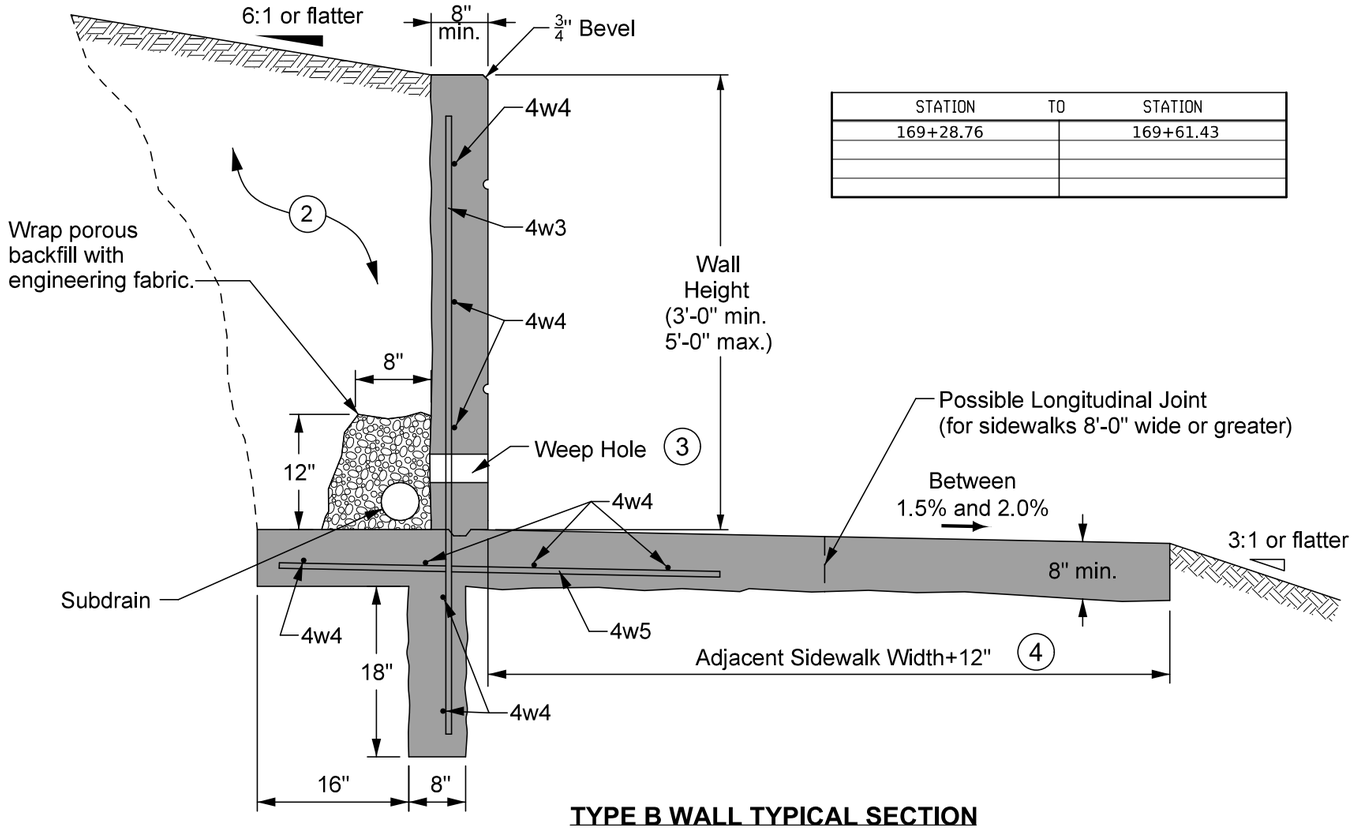
1. INTEGRAL BEAM CURB SHALL CONTAIN STEEL WHEN HIGHER THAN 9". COORDINATE WITH ENGINEER.
2. REFER TO PLAN SHEETS FOR LOCATIONS ADDITIONAL QUANTITIES MAY BE REQUIRED TO ACHIEVE DESIGN ELEVATIONS. COORDINATE WITH THE ENGINEER PRIOR TO INSTALLATION.

INTEGRAL BEAM CURB DETAIL



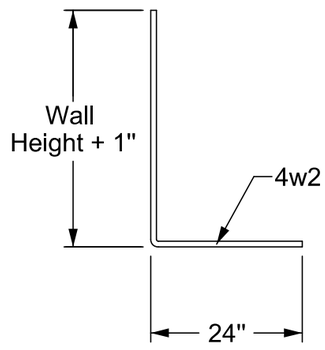
DOUBLE CURB STOP COVER WILL UTILIZE SAME COVER AS SHOWN. CONTRACTOR MAY BE REQUIRED TO STAGER ELEVATION OF SHUTOFF COVER IN ORDER TO PASS HEADS THROUGH LOWER FLANGE OR SUPPORTING SEAT.

CURB STOP ADJUSTMENT



TYPE B WALL TYPICAL SECTION

STATION	TO	STATION
169+28.76		169+61.43



BENT BARS

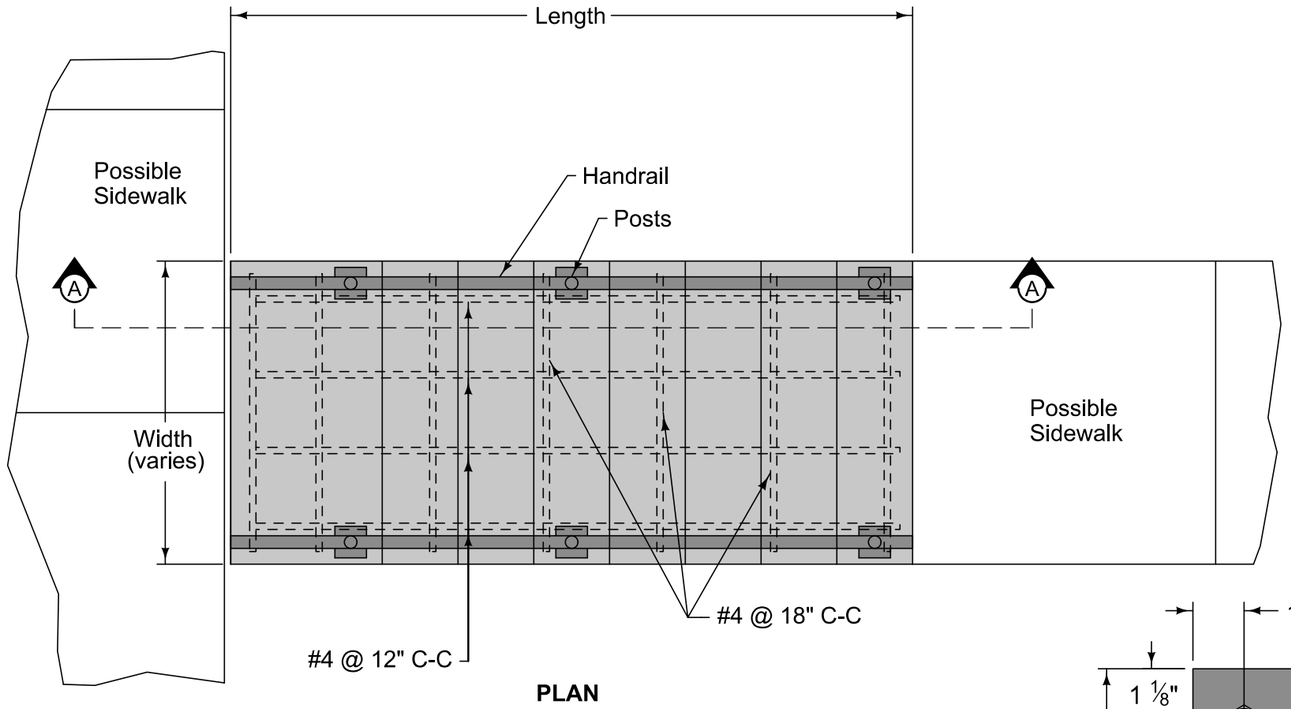
Provide a minimum concrete cover to near reinforcement of 1 1/2 inches. Provide 3 inches minimum cover at the ends of bars.

(2) Excavate and place backfill material as necessary.

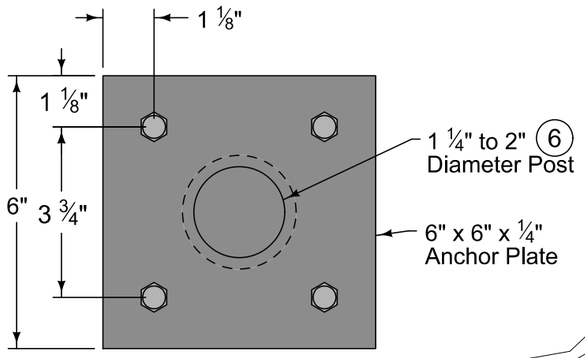
(3) Provide 3 inch diameter weep holes at 8 foot intervals. Install rodent guards in weep holes. Align bottom of weep hole with top of subdrain.

(4) Additional 12 inch width is adjacent to wall.

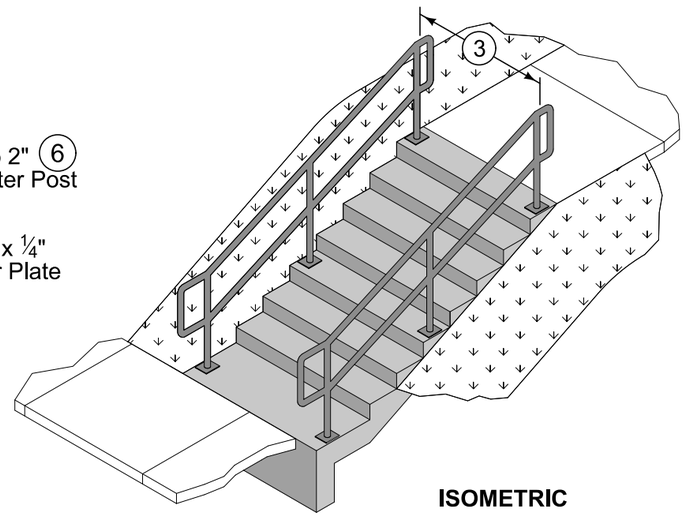
REINFORCING BAR LIST					
Wall Type	Mark	Size	Shape	Length	Spacing
Type B	4w3	4	—	Wall Height + 18"	12"
	4w4	4	—	Variable	12"
	4w5	4	—	3'-10"	12"



PLAN



ANCHOR PLATE DETAIL



ISOMETRIC

SECTION A-A

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

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. Match existing sidewalk width.
4. Construct cross slope of landing to match adjacent sidewalk.
5. Slope tread 1% minimum to 2% maximum in any direction.
6. Weld post to anchor plate with 1/4 inch weld. Grind weld to provide smooth surface, free of burrs.

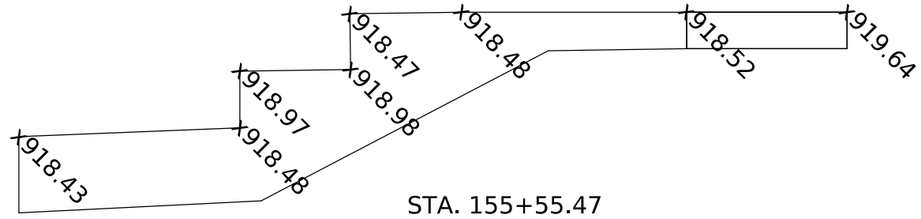
REVISION	
2	10-16-18

9080.101

SHEET 1 of 1

TYPE A CONCRETE STEPS WITH HANDRAIL

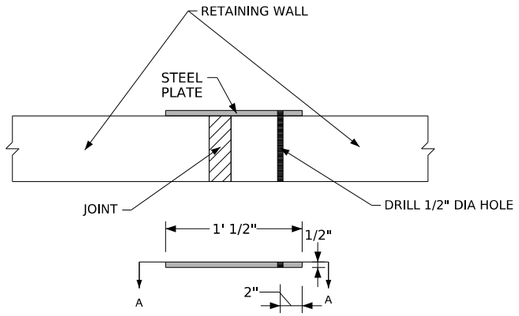
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER B.3

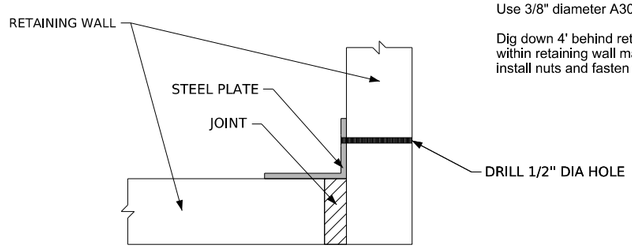


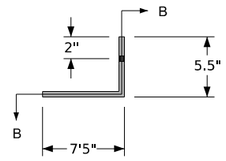
STA. 155+55.47
OFFSET 40.0 RT
STAIRS, EAST SIDE

SECTION FOR STAIRS

TOTAL QUANITIES		
ITEMS	UNIT	QUANITY
A36 GRADE OR HOT DIPPED GALVANISED STEEL PLATES	SF	52.1
3/8" DIAMETER A309 GRADE, HOT DIPPED GALVANIZED BOLTS	EACH	30
3/8" DIAMETER A309 GRADE, HOT DIPPED GALVANIZED NUTS	EACH	30







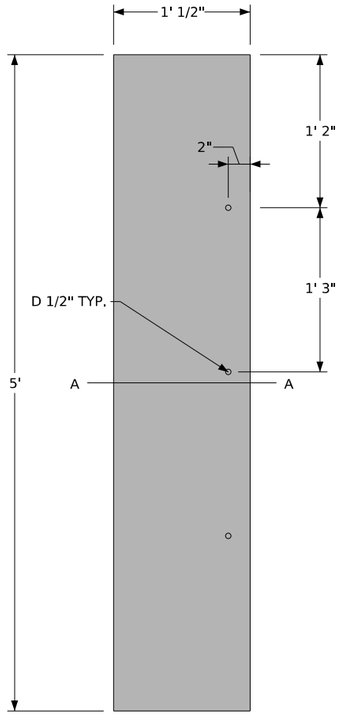
NOTES:

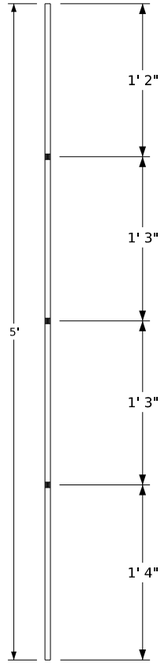
The joint sealer shall be light gray nonsag latex caulking sealer marketed for outdoor use. No testing or certification is required.

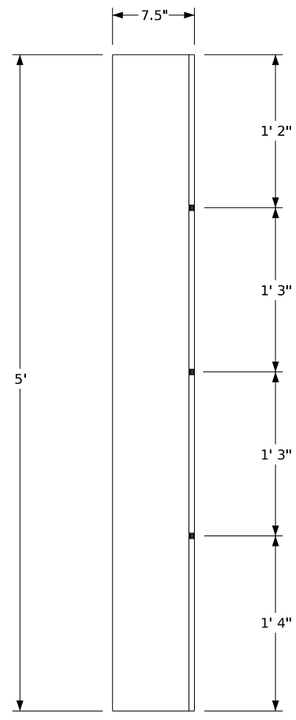
Bolts that are drilled through the retaining wall must be epoxied to prevent water penitration in accordance to Iowa DOT IM 991.11.

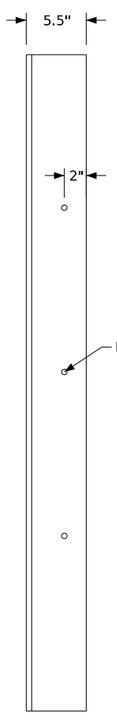
Use 3/8" diameter A309, hot dip galvanized bolts.

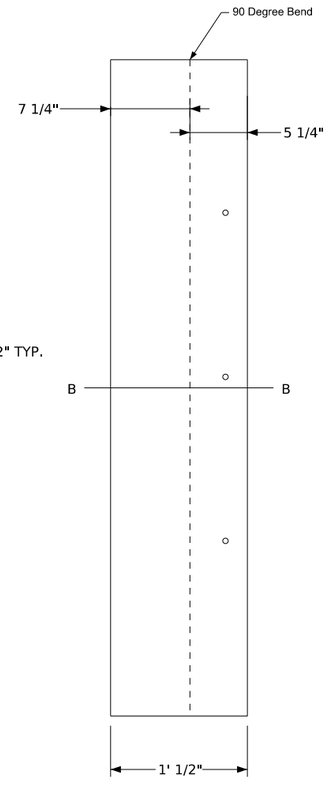
Dig down 4' behind retaining wall and install metal plate. Drill 1/2" Diameter holes within retaining wall matching steel plate design. Install bolts in retaining wall and install nuts and fasten togeter. Return earthwork behind the wall to existing conditions.



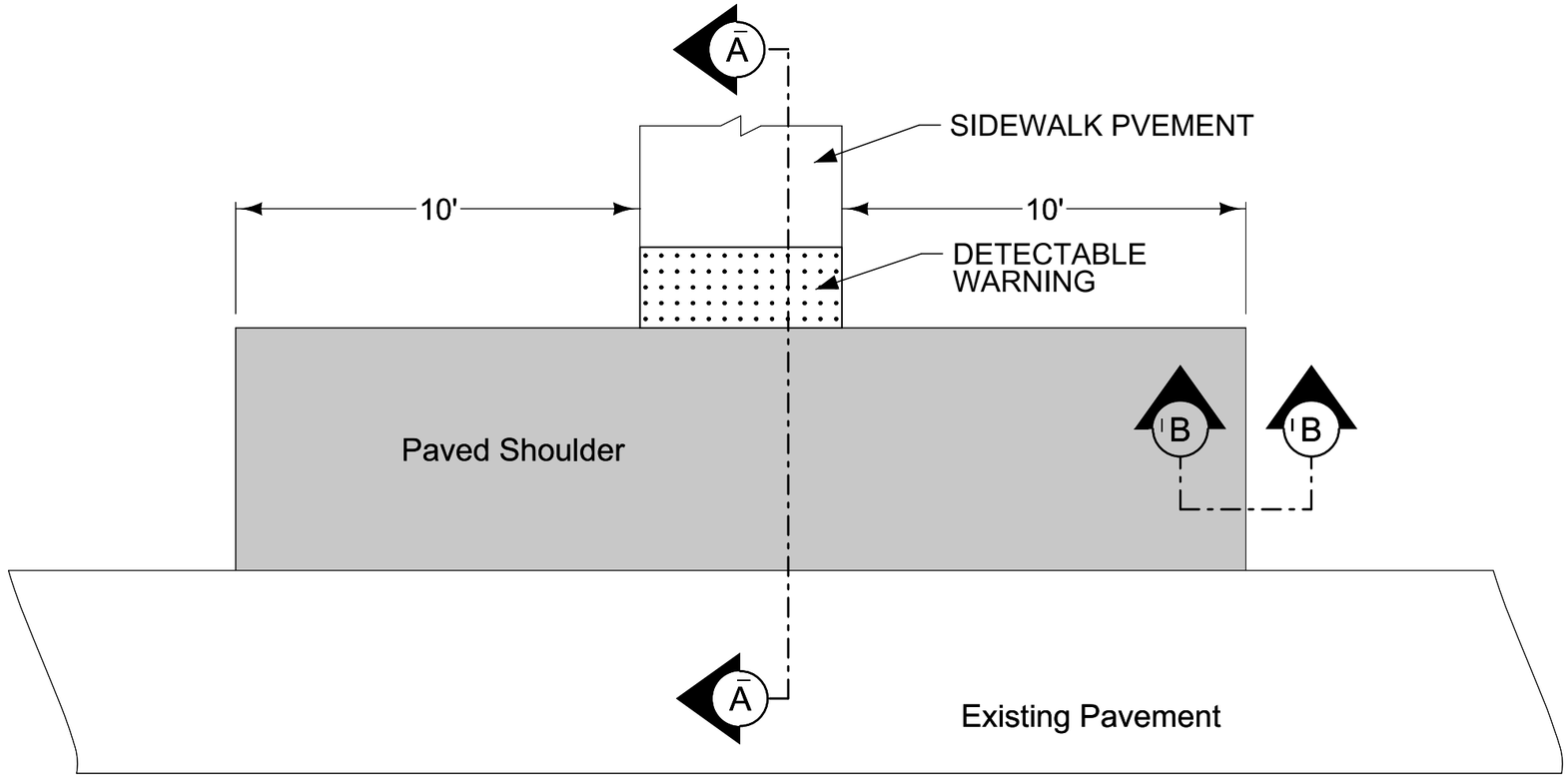


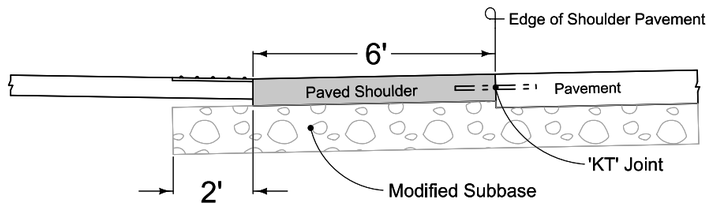




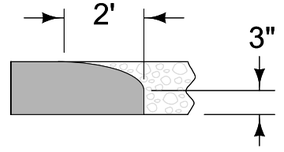


WALL PLATES DETAIL





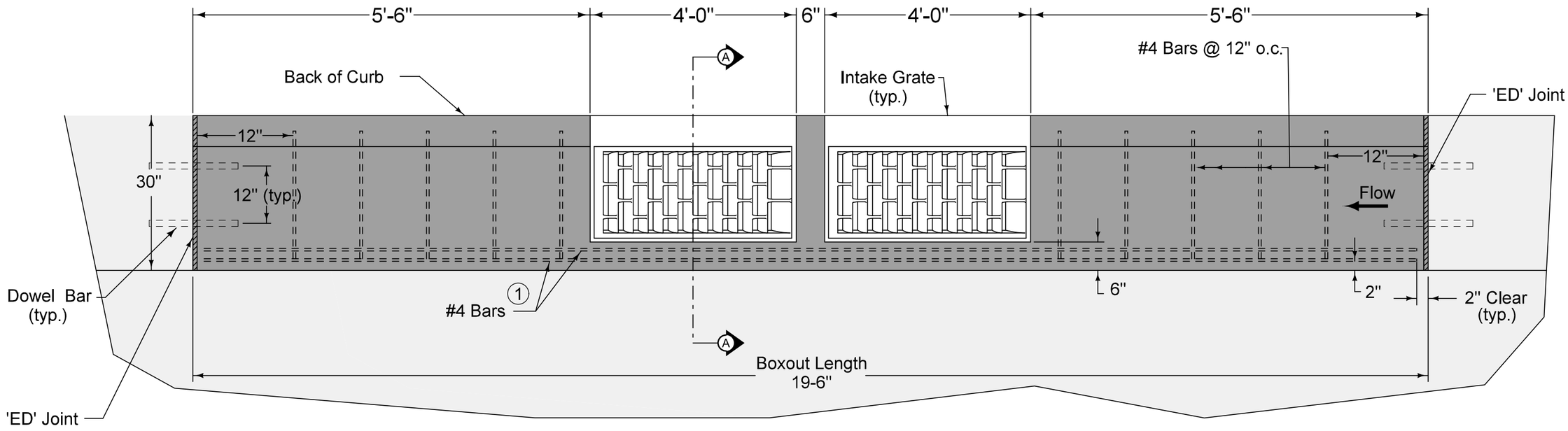
SECTION A-A



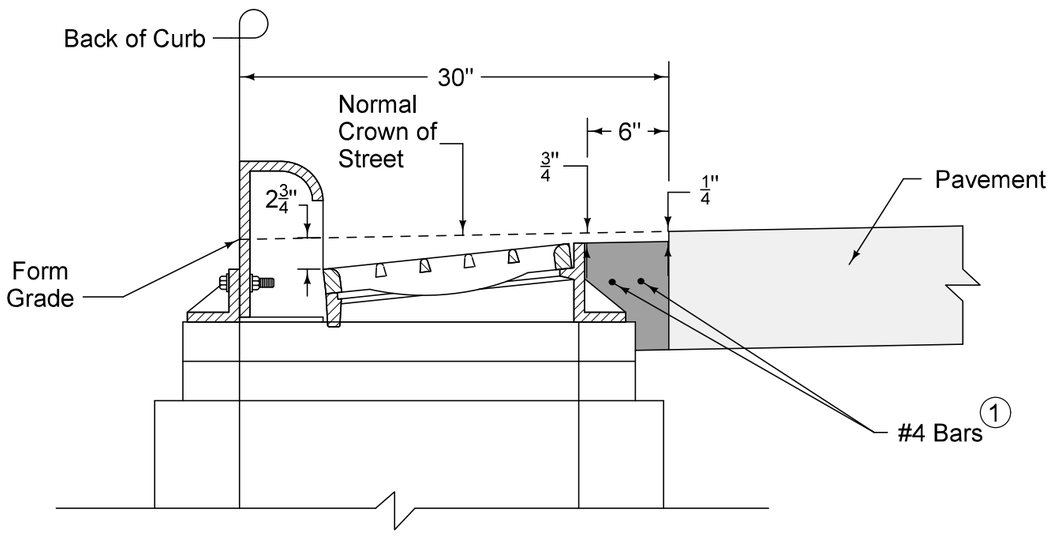
SECTION B-B

Roll down at granular shoulder or earth.

TYPICAL SECTION FOR THE PAVED SHOULDER



DOUBLE BOXOUT IN PCC CURB AND GUTTER



SECTION A-A

1 Center bars vertically within slab.

DOUBLE BOXOUT FOR GRATE INTAKES - SW-514 (MODIFIED)

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER B.7

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ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

Item no.	Item Code	Item	Unit	Quantities Estimated Roadway Items	Estimate Reference Notes
1	2101-0850002	CLEARING AND GRUBBING	UNIT	50	Refer to F-Sheets for locations. "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."
2	2102-0425070	SPECIAL BACKFILL	TON	55.79	Refer to Tab. 100-05. Refer to 'Class A Sidewalk' detail on B-1. Existing HMA and PCC from Pavement removal may be used on the project as special backfill. Certify material prior to placement.
3	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	309	Item used for all excavation, stockpiling, removal, and disposal of material removed from gravel driveways and lawns for the installation of proposed sidewalks and driveways. Do not leave stockpiled material on roadways outside of working hours. Brooming streets and haul routes daily is incidental to this item. Item to be measured and paid as a plan quantity. No overhaul will be paid. Dispose of material in accordance to local and state regulations.
4	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	492	Item will be measured and paid as a plan quantity no adjustments will be made. Item is intended to for work to widen the existing sidewalk form 4' to 5', perform sidewalk backfilling operations and to accommodate uniform alteration of existing right-of-way grades as needed to accept the placement of sod. The typical sidewalk section displayed in the B sheet is prefered and does not represent a required grade alteration to the right-of-way. Contractor to coordinate with the City and DOT staff to secure a stockpile location outside of the paved roadway limits. Secure stockpiled mounds of dirt to prevent erosion.
5	2122-5190008	PAVED SHOULDER, P.C. CONCRETE, 8 IN.	SY	70.8	Refer to D sheets for locations. Item requires certified plant inspection and class C-4 concrete.
6	2315-8275055	SURFACING, DRIVEWAY	TON	500	Item to be used for temporary vehicular or pedestrian access during staged or detoured operations. For temporary pedestrian access the surface must be placed and compacted to 4-inches and provide a firm, stable, and slip resistant surface. Item includes removal and disposal of material and any efforts needed to restore the site to its existing condition. Quantity is estimated only and no adjustment of costs will be allowed for actual quantities used. This item is to only be used upon approval of the Engineer or the Iowa DOT.
7	2401-6750001	REMOVALS, AS PER PLAN	LS	1	Includes all work for removal and off-site disposal of existing combined concrete sidewalk, modular block wall, and steps. Provide adjacent property owners 72 hrs before removals and allow them access to remove desirable vegetation and coordinate building access, as needed. Refer to the F sheets for locations.
8	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY	20	Refer to F sheets for locations. Item included for culvert removal. Item to be paid as plan quantity.
9	2414-6444100	STEEL PIPE PEDESTRIAN HAND RAILING	LF	8	Refer to B sheets for details and D sheets for locations.
10	2422-0360018	APRONS, UNCLASSIFIED, 18 IN. DIA.	EACH	6	Refer to D sheets for locations and details. Adjust pipe length as needed to accommodate the plan locations for the selected unclassified apron type per Standard Road Plans DR-201 and DR-203. Additional pipe length is incidental to this item.
11	2422-1722018	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 18 IN. DIA.	LF	58	Refer to D sheets for locations. Adjust pipe length as needed to accommodate the plan locations for the selected unclassified apron type per Standard Road Plans DR-201 and DR-203. Additional pipe lengths are incidental to the unclassified apron bid item.

Item no.	Item Code	Item	Unit	Quantities Estimated Roadway Items	Estimate Reference Notes
12	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	1	Refer to D sheets for locations. For adjustments to sanitary sewer manholes item includes infiltration barrier, new adjustment rings, and castings. When sanitary sewer manhole is in pavement provide a SW-601-Type B castings without a boxout and when in lawn areas install an SW-601-type A casting . For adjustments to storm sewer manholes item includes includes new adjustment rings and castings. When storm sewer manhole is in pavement provide a SW-602 | Type B castings without a boxout and when in lawn areas install an SW-602 | Type A casting.
13	2435-0600110	INTAKE ADJUSTMENT, MINOR	EACH	2	Refer to D sheets for locations and B sheet for detail. Install intakes and ensure positive drainage within replacement limit. Each item includes a new adjustment rings, Type S casting, and work needed to install the detailed SW-514 boxout that can accommodate the dual grates.
14	2499-7000000	PCC STEPS	SF	23.5	Refer to D sheets for locations and B sheets for details. Item requires certified plant inspection and class C-4 concrete.
15	2510-6745850	REMOVAL OF PAVEMENT	SY	105.3	Refer to Tab 110-1 and F sheets for locations and details. Provide full depth sawcuts.
16	2511-6745900	REMOVAL OF SIDEWALK	SY	1,927.4	Refer to F sheets and Tab. 110-5 for locations and details. Provide full depth saw cuts as indicated in the plans. All sidewalk is assumed to match the proposed replacement thickness. No additional compensation will be provided for variance in sidewalk thickness. See traffic control plan for pedestrian staging or closings
17	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	1,847.9	Refer to B sheets for details, refer to D sheets and tab 113-01 for locations, refer to S sheets for ADA compliance slopes. Refer to J sheets for traffic control plan for pedestrian staging or closings. Item requires certified plant inspection and class C-4 concrete. All sidewalk thickened edges and reinforcing detailed in the plans is incidental to these items.
18	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	646.8	Refer to B sheets for details, refer to D sheets and tab 113-01 for locations, refer to S sheets for ADA compliance slopes. Refer to J sheets for traffic control plan for pedestrian staging or closings. Item requires certified plant inspection and class C-4 concrete. All sidewalk thickened edges and reinforcing detailed in the plans is incidental to these items.
19	2511-7526008	SIDEWALK, P.C. CONCRETE, 8 IN.	SY	32.3	Refer to B sheets for details, refer to D sheets and tab 113-01 for locations, refer to S sheets for ADA compliance slopes. Refer to J sheets for traffic control plan for pedestrian staging or closings. Item requires certified plant inspection and class C-4 concrete. All sidewalk thickened edges and reinforcing detailed in the plans is incidental to these items.
20	2511-7528101	DETECTABLE WARNINGS	SF	609.4	Refer to B sheets for details, refer to D sheets and tab 113-01 for locations, refer to S sheets for ADA compliance slopes. Refer to J sheets for traffic control plan for pedestrian staging or closings. Detectable warning panels shall be cast iron with a natural finish. Provide both rectangular and radial panels as identified in the plans. Item requires shop drawing submittal of radial panels for review and approval.
21	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	379.23	Refer to B sheets for details, refer to D sheets and tab 100-05 for locations. Item requires certified plant inspection and class C-4 concrete.
22	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	1,437.4	Refer to Tab. 102-3. Refer to J sheets for driveway staging. Contractor may elect to use maintenance mix to expedite construction at no additional cost to the contracting authority. Item requires certified plant inspection and class C-4 concrete.
23	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	776.2	

Item no.	Item Code	Item	Unit	Quantities Estimated Roadway Items	Estimate Reference Notes
24	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	2,070.6	Refer to F sheets and Tab. 110-08 for locations and details. Provide full depth saw cuts as indicated in the plans. All driveways are assumed to match the proposed replacement thickness. No additional compensation will be provided for variance in sidewalk thickness. Refer to J sheets for driveway staging. Install temporary granular surfacing when approved by the Engineer or Iowa DOT.
25	2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	6.5	Refer to B sheets for Details. Note: Proposed wall thickness is 8" thick. Refer to Tab 108-16 and U sheet for locations and dimensions. Item requires certified plant inspection and class C-4 concrete.
26	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	21	Refer to Tabulations 190-50 and 190-62. 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.
27	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS	LF	54	Refer to Tabulation(s) 190-50 and/or 190-51 for locations and details.
28	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF	189	Refer to Tabulation 190-51 and 190-66 for locations and details.
29	2526-8285020	CONSTRUCTION SURVEY, CONTROL POINT SURVEY	LS	1	Staking in the S Sheets is incidental to Construction Survey Items. This staking will be defined as verifying slopes of the form work by using a level, or other means, in 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. Contractor to fill out measured slope column on S tab sheets. Refer to IM363 for additional information.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
30	2526-8285030	CONSTRUCTION SURVEY, RIGHT OF WAY	LS	1	Refer to the H Sheets for mapped parcel information provided by the County Assessor's Office. Temporary Construction Easements are identified where acquired. The Contractor shall perform all work from within the existing Right-of-Way limits in locations where a Temporary Construction Easement is not shown.
31	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LS	1	Staking in the S Sheets is incidental to Construction Survey Items. This staking will be defined as verifying slopes of the form work by using a level, or other means, in 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. Contractor to fill out measured slope column on S tab sheets. Refer to IM363 for additional information.
32	2527-9263217	PAINTED PAVEMENT MARKINGS, DURABLE	STA	3.1	Refer to J sheets for locations.
33	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Traffic Control and Staging Plan in J sheets. Provide all material per the TC series of the Standard Road Plan. Refer to J sheets for pedestrian pathway closures.
34	2528-8445113	FLAGGERS	EACH	0	See Proposal.
35	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	399.4	Refer to Tab. 102-6C and D sheets for locations and details. Item requires certified plant inspection and class C-4 concrete. The contractor may elect to use maintenance mix at no additional cost to the contracting authority.
36	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	26	Refer to Tab. 102-6C and D sheets for locations and details.
37	2533-4980005	MOBILIZATION	LS	1	- -
38	2554-0205650	WATER SERVICE CURB STOP, COVER ONLY WATER SERVICE ADJUSTMENT	EACH	18	Refer to B sheets for details and D sheets for locations. If curb stops will not adjust to proposed elevation contact the City Public Works Director at 641-891-9800 to make modifications to the domestic water distribution system. METHOD OF MEASUREMENT By count for each Water Service Adjustment installed. BASIS OF PAYMENT Item will include all labor, material, and equipment necessary to install the proposed improvements as detailed in the plans at contract unit prices.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
39	2599-9999005	('EACH' ITEM) METAL PLATE FOR WALL EXPANSION JOINT	EACH	10	Refer to details for wall plate dimensions and appurtenances. Item includes all excavation, backfill, compaction, and site restoration needed to install the proposed wall plates on the existing retaining wall. Coordinate with property owner such that they may relocate desirable vegetation prior to excavation activities behind the retaining wall. Refer to D-sheets for locations. provide materials and execution consistent with the Iowa DOT standard specification section 2408. METHOD OF MEASUREMENT By count each plate installed will be measured for payment. BASIS OF PAYMENT Item will include all labor, material, and equipment necessary to install the proposed improvements as detailed in the plans at contract unit prices.
40	2599-9999009	('LINEAR FEET' ITEM) PCC BEAM CURB	LF	321	Refer to the D-Sheets for locations and refer to the B-Sheets for Typical Section. Certified plant inspection is required for this item. Use class C-4 concrete per section 2301 of the standard specifications. METHOD OF MEASUREMENT Measure every linear foot installed and round to the nearest foot of beam curb. BASIS OF PAYMENT Item will include all labor, material, and equipment necessary to install the proposed improvements as detailed in the plans at contract unit prices.
41	2601-2639010	SODDING	SQ	395	Refer to RR sheets for locations. Any sodding outside of the limits shown will be provided at no additional expense to the contracting authority. Install sod in two stages as identified in the J sheets.
42	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	MGAL	237	Estimate for watering Sod is based on a total of six waterings at a rate of 100 gallons per square. Ensure proper equipment and nozzles are provided on watering equipment.
43	2601-2643300	MOBILIZATION FOR WATERING	EACH	12	Waterings shall occur in two separate stages. Refer to J sheets for stages.
44	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	5,740.5	Refer to RC sheets, RR sheets and Tab. 100-19 for details and locations. The tabulation includes estimated locations for placement of "Perimeter and Slope Sediment Control Device, 12 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.
45	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF	5,740.5	Refer to tab 110-19 for locations and details. Remove all devices in lawn areas before the placement of Sod.
46	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	LF	125.8	Refer to RC and RR Sheets for locations and details.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
47	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	15	
48	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	15	
49	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604	EACH	3	
50	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	3	
51	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	3	
52	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	14	Quantity estimated for installation (1 every two blocks) (5), maintenance (1), and removal of erosion control devices and sodding (1) per stage (x2). Submit Erosion Control Implementation Plan with anticipated mobilizations based on controlling operation.
53	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1	Use item when directed by the Engineer or Iowa DOT.

111_25
4/30/25

INDEX OF TABULATIONS

Line No.	Tabulation	Tabulation Title	Sheet No.
1.0	100_01A	ESTIMATED PROJECT QUANTITIES	C.1
2.0	100_04A	ESTIMATE REFERENCE INFORMATION	C.1
3.0	100_01D	PROJECT DESCRIPTION	C.6
4.0	111_25	INDEX OF TABULATIONS	C.7
5.0	110_01	REMOVAL OF PAVEMENT	C.8
6.0	110_05	SIDEWALK REMOVAL	C.9
7.0	110_08	REMOVAL OF CONCRETE DRIVES	C.10
8.0	105_04	STANDARD ROAD PLANS	C.11
9.0	108_16	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	C.12
10.0	100_05	CURB AND GUTTER	C.13
11.0	102_03	ACCESS POINTS AND SAFETY RAMPS	C.14
12.0	102_05	EXISTING PAVEMENT	C.15
13.0	102_06C	FULL-DEPTH PATCHES	C.16
14.0	190_61	EXISTING SIGNS TO BE REINSTALLED	C.17
15.0	190_66	SUMMARY OF TYPE A SIGNS	C.18
16.0	190_51	MATERIALS FOR TYPE A SIGNS	C.19
17.0	104_10	ADJUSTMENT OF FIXTURES	C.20
18.0	113_01	SIDEWALKS	C.21
19.0	110_17	CLEARING AND GRUBBING	C.24
20.0	104_03	DRAINAGE STRUCTURE BY ROAD CONTRACTOR	CD.1
21.0	101_16	ALIGNMENT COORDINATES	G.2
22.0	101_17	SPIRAL OR CIRCULAR CURVE DATA	G.3
23.0	108_23A	TRAFFIC CONTROL PLAN	J.2
24.0	108_26A	STAGING NOTES	J.3
25.0	113_02	PEDESTRIAN PATH CLOSURES	J.4
26.0	100_11	EROSION CONTROL FOR INTAKE OR MANHOLE WELL	RC.1
27.0	100_19	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	RC.2
28.0	100_36	OPEN-THROAT CURB INTAKE SEDIMENT FILTER	RC.3
29.0	103_10	TOPSOIL STRIPPING AND PLACEMENT	RC.4
30.0	110_12	POLLUTION PREVENTION PLAN	RC.5
31.0	113_10	SIDEWALK COMPLIANCE	S.3

100_01D
8/15/22

PROJECT DESCRIPTION

The reconstruction of sidewalks along IA 14 in Monroe.

REMOVAL OF PAVEMENT

Refer to Tabulation 102-5.

* Not a bid item.

Line No.	Station From	Station To	Side	Pavement Type	Area (SY)	Saw Cut* (LF)	Remarks
1.0	144+71.28	144+90.36	Right	PCC	6.1	31.2	
2.0	147+93.64	148+03.51	Left	PCC	9.0	41.3	
3.0	147+94.52	148+04.10	Right	PCC	11.6	44.2	
4.0	148+41.56	148+48.09	Right	PCC	3.7	16.7	
5.0	151+19.80	151+32.34	Right	PCC	8.1	32.9	
6.0	151+70.77	151+77.79	Right	PCC	3.4	15.7	
7.0	151+75.17	151+78.46	Left	PCC	5.5	23.2	
8.0	154+40.45	154+48.34	Left	PCC	3.7	13.2	
9.0	160+60.09	160+67.12	Right	PCC	2.4	25.3	
10.0	160+67.92	160+79.87	Left	PCC	3.6	22.0	
11.0	160+76.74	160+79.72	Right	PCC	2.9	13.9	
12.0	161+14.65	161+32.59	Left	PCC	5.5	29.4	
13.0	163+87.67	164+00.22	Right	PCC	4.0	23.1	
14.0	163+87.68	163+96.41	Left	PCC	4.1	18.4	
15.0	164+31.69	164+43.10	Right	PCC	5.9	24.8	
16.0	164+32.81	164+39.83	Left	PCC	3.5	12.6	
17.0	166+80.48	166+94.43	Left	PCC	4.6	25.9	
18.0	166+80.48	166+93.85	Right	PCC	4.3	24.5	
19.0	167+18.51	167+30.73	Right	PCC	3.4	22.5	
20.0	167+26.31	167+45.07	Left	PCC	6.2	31.9	
21.0	169+60.90	169+73.49	Right	PCC	4.0	23.4	

TOTAL:
AREA: 105.3 SY
SAW CUT*: 516.13 LF

SIDEWALK REMOVAL

* Not a bid item

Line No.	Station From	Station To	Area (SY)	Saw Cut* (LF)	Remarks
1.0	1482+90.89	1483+27.18	35.1	3.3	
2.0	1482+94.94	1483+35.41	43.2	3.0	
3.0	1483+67.91	135+36.36	114.0		
4.0	1483+91.86	1485+15.24	72.7	50.8	
5.0	136+22.38	136+74.51	21.4	17.6	
6.0	137+60.98	138+54.96	40.7		
7.0	138+98.27	139+88.88	36.2		
8.0	140+59.73	141+00.88	17.8	41.2	
9.0	141+76.03	144+86.29	127.6		
10.0	145+29.61	146+03.19	36.0		
11.0	145+29.93	146+50.48	45.5		
12.0	146+28.32	146+56.59	15.7	26.9	
13.0	147+24.32	148+01.79	45.6		
14.0	148+45.92	149+17.07	38.7		
15.0	150+73.62	151+31.08	74.1	66.6	
16.0	151+72.70	152+26.84	36.7	83.9	
17.0	151+74.98	152+98.06	80.7	91.3	
18.0	152+65.23	153+13.02	21.2	47.8	
19.0	153+21.53	153+34.85	5.6	13.3	
20.0	153+32.01	154+47.16	51.2	8.0	
21.0	153+69.24	154+46.69	36.1	60.5	
22.0	154+92.74	155+74.81	39.2	9.8	
23.0	154+93.21	155+64.38	34.8	9.8	
24.0	155+74.96	157+66.10	72.2	8.7	
25.0	155+90.42	157+65.01	66.0	12.3	
26.0	158+09.82	158+82.92	37.4	3.7	
27.0	158+10.23	160+04.09	131.4	29.7	
28.0	160+04.37	160+74.58	25.7	3.9	
29.0	160+28.21	160+75.08	40.6	5.0	
30.0	161+19.91	163+93.96	118.8	4.5	
31.0	161+19.93	161+72.38	23.9	2.9	
32.0	161+84.60	163+95.11	77.2		
33.0	164+34.70	165+10.63	34.6	2.4	
34.0	164+35.19	165+66.36	53.9	2.5	
35.0	165+22.67	166+83.09	62.4		
36.0	165+76.65	166+87.41	46.8	7.8	
37.0	167+23.50	169+67.21	46.0	189.3	
38.0	167+31.81	167+88.35	20.7		

TOTAL:
AREA: 1927.4 SY
SAW CUT*: 806.5 LF

REMOVAL OF CONCRETE DRIVES

* Not a Bid Item.

Line No.	Station	Side	Area (SY)	Saw Cut* (LF)	Remarks
1.0	1485+33.21	Left	131.5	124.6	
2.0	135+52.09	Right	94.7	78.8	
3.0	136+02.28	Right	94.7	81.7	
4.0	137+18.25	Right	189.4	178.8	
5.0	140+26.02	Right	141.7	152.7	
6.0	141+60.58	Right	255.7	172.9	
7.0	146+15.17	Left	51.8	72.7	
8.0	146+87.64	Right	161.9	189.3	
9.0	146+95.63	Left	176.3	173.2	
10.0	146+87.64	Right	121.6	18.1	
11.0	147+95.55	Right	75.6		
12.0	149+31.28	Right	111.1	82.0	
13.0	150+27.46	Right	150.9	218.6	
14.0	152+44.82	Right	51.9	88.5	
15.0	153+09.81	Left	30.1	52.7	
16.0	153+22.45	Right	25.7	45.6	
17.0	153+53.37	Left	46.2	81.9	
18.0	155+84.07	Left	25.4	39.2	
19.0	158+90.91	Left	29.0	39.0	
20.0	159+98.90	Left	31.8	38.0	
21.0	160+16.23	Right	34.4	34.8	
22.0	165+16.80	Right	21.4	32.9	
23.0	165+73.15	Left	17.9	27.7	

TOTAL:
AREA: 2070.6 SY
SAW CUT*: 2023.7

STANDARDS

The following Standards apply to construction work on this project.

Number	Date	Title
DR-651	04-18-17	Unclassified Pipe Culvert
EC-204	10-19-21	Perimeter, Slope and Ditch Check Sediment Control Devices
EC-602	10-15-24	Open-Throat Curb Intake Sediment Filter
EC-603	10-17-23	Erosion Control for Intake or Manhole Well
EC-604	10-17-23	Grate Intake Sediment Filter Bag
MI-210	10-21-25	PCC Driveways and Alleys
MI-220	04-15-25	Detectable Warnings and Pedestrian Ramp
PR-103	10-21-25	Full Depth PCC Patch with Dowels
PR-105	10-21-25	Full Depth Ramp PCC Patch with Dowels
PV-101	10-21-25	Joints
PV-102	10-21-25	PCC Curb Details
SI-101	04-19-16	Locations - Type 'A' Signs
SI-131	10-18-16	Installation - Type 'A' Signs
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-419	04-18-23	Lane Closure on Undivided Highway
TC-601	10-15-19	Pedestrian Detour

COMBINED CONCRETE SIDEWALK AND RETAINING WALL

Line No.	Station From	Station To	Side	Retaining Wall Type	Retaining Wall Height 1 (FT)	Retaining Wall Height 2 (FT)	Retaining Wall Thickness (FT)	Sidewalk Width 1 (FT)	Sidewalk Width 2 (FT)	Sidewalk Thickness (FT)	Retaining Wall Concrete (CY)	Sidewalk & Footing Concrete (CY)	Porous Backfill (CY)	Reinforcing Steel (LB)
1.0	169+28.76	169+43.63	Right	B	4.2	4.0	0.7	6.0	6.0	0.5	1.6	0.4	0.4	175
2.0	169+43.63	169+47.28	Right	B	4.0	4.0	0.7	9.9	9.9	0.5	0.4	0.1	0.1	47
3.0	169+47.28	169+61.43	Right	B	4.0	4.0	0.7	9.9	5.5	0.5	1.5	0.4	0.3	166
4.0	169+61.43	169+61.43	Right	B	4.0	4.2	0.7	6.0	9.4	0.5	0.8	1.3	0.2	82

TOTAL: 6.5 CY

CURB AND GUTTER

Refer to PV-102

Line No.	Station From	Station To	Side	Length (LF)	Width (LF)	Width 1.5 (LF)	Width 2.0 (LF)	Width 2.5 (LF)	Width 3.0 (LF)	Width 3.5 (LF)	Width 4.0 (LF)	Width 4.5 (LF)	Width 5.0 (LF)	Width 5.5 (LF)	Modified Subbase (CY)	Special Backfill (TON)	Remarks
1.0	144+71.28	144+90.36	Right	22.00	2.5			22.00								3.470	
2.0	147+94.52	148+04.10	Right	41.71	2.5			41.71								5.110	
3.0	147+93.64	148+03.51	Left	32.28	2.5			32.28								3.950	
4.0	148+41.56	148+48.09	Right	13.19	2.5			13.19								2.080	
5.0	151+19.80	151+32.34	Right	29.16	2.5			29.16								4.590	
6.0	151+70.77	151+77.79	Right	12.21	2.5			12.21								1.920	
7.0	151+75.17	151+78.46	Left	19.69	2.5			19.69								2.410	
8.0	154+40.45	154+48.34	Left	13.25	2.5			13.25								2.090	
9.0	160+60.09	160+67.12	Right	8.54	2.5			8.54								1.050	
10.0	160+76.74	160+79.72	Right	10.36	2.5			10.36								1.270	
11.0	163+87.68	163+96.41	Left	14.86	2.5			14.86								2.340	
12.0	164+31.69	164+43.10	Right	21.09	2.5			21.09								3.320	
13.0	164+32.81	164+39.83	Left	12.56	2.5			12.56								1.980	
14.0	160+67.92	160+79.87	Left	13.13	2.5			13.13								2.070	
15.0	161+14.65	161+32.59	Left	19.69	2.5			19.69								3.100	
16.0	163+87.67	164+00.22	Right	14.27	2.5			14.27								2.250	
17.0	166+80.48	166+94.43	Left	16.68	2.5			16.68								2.630	
18.0	166+80.48	166+93.85	Right	15.34	2.5			15.34								2.420	
19.0	167+18.51	167+30.73	Right	12.22	2.5			12.22								1.920	
20.0	167+26.31	167+45.07	Left	22.43	2.5			22.43								3.530	
21.0	169+60.90	169+73.49	Right	14.57	2.5			14.57								2.290	

TOTAL:
SPECIAL BACKFILL = 55.79 TONS
2.5' CURB AND GUTTER = 379.23 LF

ACCESS POINTS AND SAFETY RAMPS

Refer to Cross-Sections

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

Line No.	Station	Side	Access Type	Descriptor	Case	Curb Type	Curb Length (1) (LF)	Width (FT)	PR (1) (2) (FT)	SR (2) (FT)	Pipe Culvert (H) (3) (FT)	Pipe Culvert Size (3) (IN)	Culvert Length (3) (LF)	Pipe Culvert Lt. (3) (LF)	Pipe Culvert Rt. (3) (LF)	Culvert Aprons (3) (No.)	Driveway Surface Type	Driveway Surface Area (SY)	Driveway Surfacing Material (TON)	Remarks
1.0	1485+33.21	Left	A	Safety Ramp	1	1.5 inch Dropped	62.0	35.0	12.0								PCC	131.5		6 Inch Thickness
2.0	135+52.09	Right	A	Safety Ramp	2	1.5 inch Dropped	44.0	38.0									PCC	94.7		8 Inch Thickness
3.0	136+02.28	Right	A	Safety Ramp	2	1.5 inch Dropped	42.0	36.0									PCC	94.7		8 Inch Thickness
4.0	137+18.25	Right	A	Safety Ramp	2	1.5 inch Dropped	90.0	84.0									PCC	189.4		8 Inch Thickness
5.0	140+26.02	Right	A	Safety Ramp	2	1.5 inch Dropped	70.0	65.0									PCC	141.7		8 Inch Thickness
6.0	141+60.58	Right	A	Safety Ramp	2	1.5 inch Dropped	119.0	114.0									PCC	255.7		8 Inch Thickness
7.0	146+15.17	Left	A	Safety Ramp	2	1.5 inch Dropped	35.0	29.0									PCC	51.8		6 Inch Thickness
8.0	146+87.64	Right	A	Alley	2	1.5 inch Dropped	81.0	75.0									PCC	164.9		6 Inch Thickness
9.0	146+95.63	Left	A	Alley	2	1.5 inch Dropped	83.0	76.0									PCC	176.3		6 Inch Thickness
10.0	146+87.64	Right	A	Safety Ramp	2	1.5 inch Dropped	26.0	19.0									PCC	121.6		6 Inch Thickness
11.0	147+95.55	Right	A	Safety Ramp	2	1.5 inch Dropped	27.0	19.0									PCC	75.6		6 Inch Thickness
12.0	149+31.28	Right	A	Safety Ramp	2	1.5 inch Dropped	32.0	24.0									PCC	111.1		6 Inch Thickness
13.0	150+27.46	Right	A	Alley	2	1.5 inch Dropped	100.0	92.0									PCC	150.9		6 Inch Thickness
14.0	152+44.82	Right	A	Safety Ramp	2	1.5 inch Dropped	47.0	41.0									PCC	51.9		6 Inch Thickness
15.0	153+09.81	Left	A	Alley	2	1.5 inch Dropped	29.0	23.0									PCC	30.1		6 Inch Thickness
16.0	153+22.45	Right	A	Safety Ramp	2	1.5 inch Dropped	25.0	20.0									PCC	25.7		6 Inch Thickness
17.0	153+53.37	Left	A	Safety Ramp	2	1.5 inch Dropped	43.0	37.0									PCC	46.2		6 Inch Thickness
18.0	153+79.91	Right	A	Safety Ramp	2	1.5 inch Dropped	21.0	16.0									PCC	36.9		6 Inch Thickness
19.0	155+84.07	Left	A	Alley	2	1.5 inch Dropped	25.0	19.0									PCC	25.4		6 Inch Thickness
20.0	156+25.38	Right	A	Alley	2	1.5 inch Dropped	22.0	17.0									PCC	39.6		6 Inch Thickness
21.0	156+27.35	Left	A	Safety Ramp	2	1.5 inch Dropped	16.0	11.0									PCC	26.4		6 Inch Thickness
22.0	158+90.91	Left	A	Safety Ramp	2	1.5 inch Dropped	21.0	16.0									PCC	29.0		6 Inch Thickness
23.0	159+98.90	Left	A	Safety Ramp	2	1.5 inch Dropped	24.0	10.0									PCC	31.8		6 Inch Thickness
24.0	160+16.23	Right	A	Safety Ramp	2	1.5 inch Dropped	30.0	24.0									PCC	34.4		6 Inch Thickness
25.0	161+76.43	Right	A	Safety Ramp	2	1.5 inch Dropped	22.0	10.0									PCC	20.8		6 Inch Thickness
26.0	162+47.74	Right	A	Safety Ramp	2	1.5 inch Dropped	19.0	12.0									PCC	16.2		6 Inch Thickness
27.0	165+16.80	Right	A	Safety Ramp	2	1.5 inch Dropped	17.0	12.0									PCC	21.4		6 Inch Thickness
28.0	165+73.15	Left	A	Safety Ramp	2	1.5 inch Dropped	18.0	11.0									PCC	17.9		6 Inch Thickness

TOTAL: 2213.6 SY
6 Inch Driveway Thickness: 1437.4 SY
8 Inch Driveway Thickness: 776.2 SY

EXISTING PAVEMENT

Line No.	County	Route	Direction of Travel	Begin Ref. Location Sign	End Ref. Location Sign	Year	Type	Project Number	Surface Type	Surface Depth (IN)	Base Type	Base Depth (IN)	Subbase Type	Subbase Depth (IN)	Removal Type	Removal Depth (IN)	Coarse Aggregate Source	Coarse Aggregate Type	Course Aggregate Durability Class	Reinforcement Type	Remarks
1.0	Jasper	IA 14	All	Jasper County Line	S 68th Ave W	1937	Paving	425	PCC	10.0											

FULL-DEPTH PATCHES

Line No.	Count	Station	Reference Location Sign	Lane	Length (FT)	Width (FT)	Patch Thickness (IN)	Patch Repair or Finish	PCC Patch Type	PCC Patch Quantity (SY)	HMA Patches (SY)	Composite HMA (TON)	Subbase Patches (PR-140) (SY)	Subbase Patch with 'EF' Joint (PR-101) (SY)	Patch Subdrain PR-101 or PR-140 (No.)	'CD' Joints (No.)	'CT' Joints (No.)	'EF' Joints PR-101 (No.)	Anchor Lugs Removal (No.)	Remarks
1.0	1	138+52.72			15.4	9.5	10.0	Finish	PCC With Dowels (PR-103)	16.3										
2.0	2	139+00.00			11.8	8.3	10.0	Finish	PCC With Dowels (PR-103)	10.9										
3.0	3	145+32.27			28.9	5.9	10.0	Finish	PCC With Dowels (PR-103)	18.8										
4.0	4	145+34.33			26.8	5.4	10.0	Finish	PCC With Dowels (PR-103)	16.1										
5.0	5	147+92.00			16.5	5.0	10.0	Finish	PCC With Dowels (PR-103)	18.6										
6.0	6	147+92.00			17.0	3.9	10.0	Finish	PCC With Dowels (PR-103)	20.9										
7.0	7	148+50.93			20.1	5.6	10.0	Finish	PCC With Dowels (PR-103)	17.3										
8.0	8	151+15.50			19.0	2.9	10.0	Finish	PCC With Dowels (PR-103)	16.8										
9.0	9	151+80.00			13.0	5.1	10.0	Finish	PCC With Dowels (PR-103)	11.4										
10.0	10	151+84.27			28.0	5.4	10.0	Finish	PCC With Dowels (PR-103)	24.0										
11.0	11	154+38.39			16.9	3.9	10.0	Finish	PCC With Dowels (PR-103)	18.4										
12.0	12	154+48.23			32.3	4.9	10.0	Finish	PCC With Dowels (PR-103)	17.6										
13.0	13	154+51.37			15.0	4.2	11.0	Finish	PCC With Dowels (PR-103)	7.0										
14.0	14	154+95.03			21.2	6.7	10.0	Finish	PCC With Dowels (PR-103)	15.8										
15.0	15	154+96.15			19.5	6.3	10.0	Finish	PCC With Dowels (PR-103)	13.6										
16.0	16	157+61.30			29.2	5.8	10.0	Finish	PCC With Dowels (PR-103)	18.7										
17.0	17	157+65.84			21.7	7.0	10.0	Finish	PCC With Dowels (PR-103)	16.9										
18.0	18	158+15.46			28.4	5.6	10.0	Finish	PCC With Dowels (PR-103)	17.7										
19.0	19	158+15.46			28.4	5.7	10.0	Finish	PCC With Dowels (PR-103)	18.0										
20.0	20	160+75.00			15.4	6.4	10.0	Finish	PCC With Dowels (PR-103)	17.9										
21.0	21	161+24.60			29.4	5.1	10.0	Finish	PCC With Dowels (PR-103)	16.8										
22.0	22	163+90.39			15.7	3.7	10.0	Finish	PCC With Dowels (PR-103)	12.0										
23.0	23	164+29.38			4.0	7.4	11.0	Finish	PCC With Dowels (PR-103)	3.3										
24.0	24	164+46.83			18.0	2.9	12.0	Finish	PCC With Dowels (PR-103)	5.8										
25.0	25	164+37.70			39.6	3.5	10.0	Finish	PCC With Dowels (PR-103)	15.6										
26.0	26	164+41.78			36.4	3.3	10.0	Finish	PCC With Dowels (PR-103)	13.2										

TOTAL: 399.4 SY

EXISTING SIGNS TO BE REINSTALLED

Line No.	Sign Description	Direction of Travel	Location Station	Number of Posts	Square Tube Steel Posts	Wood Posts 4"x4" (LF)	Wood Posts 4"x6" (LF)	Installation Type	Installation Dim 'X'	See Signing Notes
1.0	STREET SIGN FOR MONROE AND AMERICAN	NB	144+71.74	1	1					
2.0	R2-1	NB	146+45.64	1		1.0				
3.0	W11-2	NB	147+29.01	1	1					
4.0	STREET SIGN FOR MONROE AND MARION ST	NB	147+84.93	1	1					
5.0	R1-1	NB	148+46.38	1	1					
6.0	W11-8	NB	148+64.02	1	1					
7.0	R1-1	SB	147+99.95	1	1					
8.0	R1-1	NB	151+75.74	1	1					
9.0	W11-8	SB	152+01.59	1	1					
10.0	R1-1	SB	154+45.65	1	1					
11.0	STREET SIGN FOR MONROE AND LINCOLN ST	NB	160+62.80	1	1					
12.0	STREET SIGN FOR MONROE AND FRANKLIN ST	NB	157+51.42	1	1					
13.0	R1-1	SB	157+63.05	1	1					
14.0	R1-1	NB	158+11.06	1	1					
15.0	R1-1	NB	161+19.14	1	1					
16.0	S1-1	SB	162+22.57	1	1					
17.0	STREET SIGN FOR MONROE AND NORTH	NB	166+78.04	1	1					
18.0	R1-1	SB	166+86.29	1	1					
19.0	R1-1	NB	167+24.20	1	1					
20.0	W4-2R	NB	167+74.60	1	1					
21.0	R2-1	NB	168+94.40	1		1.0				

TOTAL (EACH): 21

SUMMARY OF TYPE 'A' SIGNS

Line No.	Sign Number	Non-Standard Sign Number or Name	Quantity (EA)	Size (IN)	Total Sign Area (SF)
1.0		STREET SIGN FOR MONROE AND MARION ST	2	9 X 30	3.8
2.0	R1-1		9	30 X 30	56.4
3.0		W11-8	2	30 X 30	37.6
4.0		STREET SIGN FOR MONROE AND LINCOLN ST	2	9 X 30	3.8
5.0		STREET SIGN FOR MONROE AND AMERICAN	2	9 X 30	3.8
6.0	R2-1		2	24 X 30	10.0
7.0		STREET SIGN FOR MONROE AND NORTH	2	9 X 30	3.8
8.0		W4-2R	1	30 X 30	18.8
9.0	S1-1		1	36 X 36	9.0
10.0		W16-7P	1	30 X 30	18.8
11.0		STREET SIGN FOR MONROE AND FRANKLIN ST	2	9 X 30	3.8

TOTAL
QUANTITY: 26 EACH
SIGN AREA: 169.6 SF

MATERIALS FOR TYPE 'A' SIGNS

Refer to SI-101, SI-111, SI-119 and N Sheets.

Line No.	Type A Signing Typicals	Sign Number	Dir. of Travel	Sign Location Station	Wood Posts (No.)	4 x 6 Leg 1 (FT)	4 x 6 Leg 2 (FT)	Perf. Sq. Steel Leg 1 (FT)	Perf. Sq. Steel Leg 2 (FT)	Perf. Sq. Steel Leg 3 (FT)	Perf. Sq. Anchor Type	Anchor Quantity (EA)	Steel Rect. Tube (No)	Steel Rect. Tube (FT)	Rect. Tube Anchors (EA)	Type A Bracket One Post	Type A Bracket Two Post	Type A Bracket Auxiliary	Type A Bracket (H)	Type A Bracket (F)	Type A Bracket (F1)	Install. Type	Install. Dim X (FT)	Install. Signing Notes	Remarks
1.0	SI-131	MONROE/AMERICAN	NB	144+71.74				9.0																	
2.0	SI-131	R2-1	NB	146+45.64				9.0																	
3.0	SI-131	W11-2	NB	147+29.01				9.0																	
4.0	SI-131	MONROE/MARION	NB	147+84.93				9.0																	
5.0	SI-131	R1-1	NB	148+46.38				9.0																	
6.0	SI-131	W11-8	NB	148+64.02				9.0																	
7.0	SI-131	R1-1	SB	147+99.95				9.0																	
8.0	SI-131	R1-1	NB	151+75.74				9.0																	
9.0	SI-131	W11-8	SB	152+01.59				9.0																	
10.0	SI-131	R1-1	SB	154+45.65				9.0																	
11.0	SI-131	MONROE/LINCOLN	NB	160+62.80				9.0																	
12.0	SI-131	MONROE/FRANKLIN	NB	157+51.42				9.0																	
13.0	SI-131	R1-1	SB	157+63.05				9.0																	
14.0	SI-131	R1-1	NB	158+11.06				9.0																	
15.0	SI-131	R1-1	NB	161+19.14				9.0																	
16.0	SI-131	S1-1	SB	162+22.57				9.0																	
17.0	SI-131	MONROE/NORTH	NB	166+78.04				9.0																	
18.0	SI-131	R1-1	SB	166+86.29				9.0																	
19.0	SI-131	R1-1	NB	167+24.20				9.0																	
20.0	SI-131	W4-2R	NB	167+74.60				9.0																	
21.0	SI-131	R2-1	NB	168+94.40				9.0																	

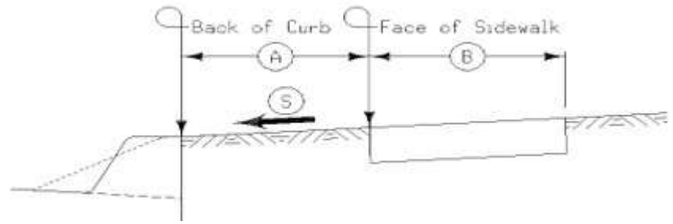
TOTAL:
ANCHORS: 21
STEEL RECT. TUBE: 189 LF
NUMBER OF TUBES: 21

ADJUSTMENT OF FIXTURES

Line No.	Item No.	Location Station	Side	Distance	Type of Fixture	Adjustment
1.0	1	151+75.21	Left	54.82 LT	Curb Stop	Minor
2.0	2	152+59.93	Left	36.25 LT	Curb Stop	Minor
3.0	3	153+83.97	Right	36.10 RT	Curb Stop	Minor
4.0	4	154+30.90	Left	34.80 LT	Curb Stop	Minor
5.0	5	155+35.71	Left	34.47 LT	Curb Stop	Minor
6.0	6	155+47.93	Right	34.28 RT	Curb Stop	Minor
7.0	7	156+54.14	Right	34.52 RT	Curb Stop	Minor
8.0	8	157+06.13	Left	35.58 LT	Curb Stop	Minor
9.0	9	157+22.46	Left	36.11 LT	Curb Stop	Minor
10.0	10	157+33.49	Right	35.08 RT	Curb Stop	Minor
11.0	11	157+60.30	Right	34.99 RT	Curb Stop	Minor
12.0	12	158+13.41	Right	43.00 RT	Curb Stop	Minor
13.0	13	159+06.76	Right	34.69 RT	Curb Stop	Minor
14.0	14	160+56.76	Left	34.50 RT	Curb Stop	Minor
15.0	15	162+08.86	Right	34.63 RT	Curb Stop	Minor
16.0	16	163+46.20	Right	34.19 RT	Curb Stop	Minor
17.0	17	165+36.46	Right	35.18 RT	Curb Stop	Minor
18.0	18	166+25.82	Right	33.67 RT	Curb Stop	Minor

SIDEWALKS

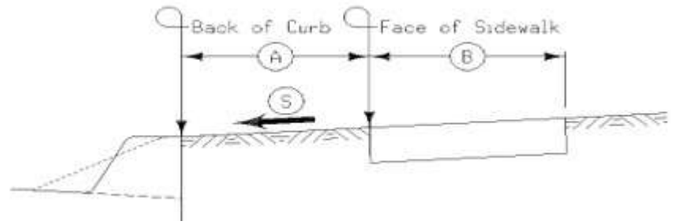
See MI-220 and S Sheets



Line No.	Intersection/Road	Quadrant/Side	A (FT)	B (FT)	S (%)	Sidewalk Thickness (IN)	Sidewalk Length (FT)	Sidewalk Width (FT)	Sidewalk Area (SY)	4" PCC Sidewalk (SY)	6" PCC Sidewalk (SY)	8" PCC Sidewalk (SY)	10" PCC Sidewalk (SY)	Detectable Warnings (SF)	Remarks
1.0	IA 14 MONROE ST/SHERMAN ST	SW		5.0		4	105.3	5.0	58.5	58.5					
2.0	IA 14 MONROE ST/SHERMAN ST	SW		5.0		6	13.5	5.0	7.5		7.5			10.0	
3.0	IA 14 MONROE ST/SHERMAN ST	SE		5.0		6	9.8	5.0	5.4		5.4			10.0	
4.0	IA 14 MONROE ST/SHERMAN ST	SE		5.0		4	31.0	5.0	17.2	17.2					
5.0	IA 14 MONROE ST/SHERMAN ST	SE		5.0		4	16.9	5.0	9.4	9.4					
6.0	IA 14 MONROE ST/SHERMAN ST	SE		5.0		6	28.3	5.0	15.7		15.7			10.0	
7.0	IA 14 MONROE ST/SHERMAN ST	NE		5.0		4	155.8	5.0	86.6	86.6				10.0	
8.0	IA 14 MONROE ST	NB	5.8	5.0		8	13.2	5.0	7.3			7.3			
9.0	IA 14 MONROE ST	NB	5.0	5.0		6	55.9	5.0	31.1		31.1				
10.0	IA 14 MONROE ST	NB	5.0	5.0		4	80.1	5.0	44.5	44.5					
11.0	IA 14 MONROE ST	NB	5.0	5.0		6	12.1	5.0	6.7		7.4			15.6	
12.0	IA 14 MONROE ST	NB	5.0	5.0		6	11.9	5.0	6.6		7.3			15.0	
13.0	IA 14 MONROE ST	NB	5.0	5.0		4	81.6	5.0	45.3	45.3					
14.0	IA 14 MONROE ST	NB	5.0	5.0		8	45.0	5.0	25.0			25.0			
15.0	IA 14 MONROE ST	NB	5.0	5.0		4	14.7	5.0	8.2	8.2					
16.0	IA 14 MONROE ST	NB	5.0	5.0		4	12.0	4.3	5.7	5.7					
17.0	IA 14 MONROE ST	NB	5.0	5.0		4	215.1	5.0	119.5	119.5					
18.0	IA 14 MONROE ST	NB		5.0		6	23.7	5.7	15.0		16.3			10.0	
19.0	IA 14 MONROE ST	NB		5.0		6	28.0	6.1	19.0		20.6			36.6	
20.0	IA 14 MONROE ST	SB		5.0		6	28.8	7.9	25.3		26.9			37.2	
21.0	IA 14 MONROE ST	NB	5.6	5.0		4	90.7	5.0	50.4	50.4					
22.0	IA 14 MONROE ST	SB	5.5	5.0		4	41.0	5.0	22.8	22.8					
23.0	IA 14 MONROE ST	SB	4.8	5.0		4	27.5	5.0	15.3	15.3					
24.0	IA 14 MONROE ST	NB		5.0	1.5	5	30.3	5.0	16.8	16.8					
25.0	IA 14 MONROE ST	SB		5.0		4	49.9	5.0	27.7	27.7					
26.0	IA 14 MONROE ST	SB		5.0		6	16.5	11.1	20.4		21.3			20.0	
27.0	IA 14 MONROE ST	NB		6.0		6	44.4	6.1	30.1		30.1			29.6	
28.0	MARION ST	EB		5.0		4	8.0	3.8	3.4	3.4					
29.0	IA 14 MONROE ST	NB				6	15.6	15.4	26.7		27.6			21.4	
30.0	MARION ST	WB		5.0		4	12.3	4.0	5.5	5.5					
31.0	IA 14 MONROE ST	NB		5.0		4	62.0	5.0	34.4	34.4					
32.0	IA 14 MONROE ST	NB		5.0		6	37.4	5.0	20.8		20.8				
33.0	IA 14 MONROE ST	NB	6.6	11.0		4	41.9	11.0	51.2	51.2					
34.0	WASHINGTON ST	EB		4.4		4	15.0	4.4	7.3	7.3					
35.0	IA 14 MONROE ST	NB		11.0		6	14.9	9.6	15.9		16.7			26.4	
36.0	IA 14 MONROE ST	NB		5.0		6	13.8	6.1	9.4		10.2			18.0	
37.0	IA 14 MONROE ST	SB		5.0		6	43.1	8.9	42.6		45.0			22.0	
38.0	WASHINGTON ST	WB		4.0		4	15.0	4.0	6.7	6.7					
39.0	IA 14 MONROE ST	NB		5.0		4	15.0	5.0	8.3	8.3					
40.0	IA 14 MONROE ST	SB		5.0		4	15.0	5.3	8.8	8.8					
41.0	IA 14 MONROE ST	NB	5.3	5.0		4	22.9	5.0	12.7	12.7					
42.0	IA 14 MONROE ST	SB	4.5	5.0		4	83.1	5.0	46.2	46.2					
43.0	IA 14 MONROE ST	NB	4.9	5.0		4	47.2	5.0	26.2	26.2					
44.0	IA 14 MONROE ST	SB	5.0	5.0		4	13.3	5.0	7.4	7.4					
45.0	IA 14 MONROE ST	NB	5.1	5.0		4	39.8	5.0	22.1	22.1					

SIDEWALKS

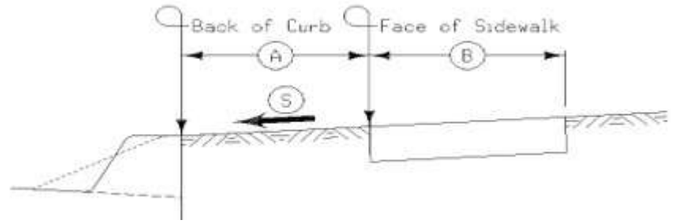
See MI-220 and S Sheets



Line No.	Intersection/Road	Quadrant/Side	A (FT)	B (FT)	S (%)	Sidewalk Thickness (IN)	Sidewalk Length (FT)	Sidewalk Width (FT)	Sidewalk Area (SY)	4" PCC Sidewalk (SY)	6" PCC Sidewalk (SY)	8" PCC Sidewalk (SY)	10" PCC Sidewalk (SY)	Detectable Warnings (SF)	Remarks
46.0	IA 14 MONROE ST	SB	5.0	5.0		4	52.7	5.0	29.3	29.3					
47.0	IA 14 MONROE ST	NB	5.0	5.0		4	38.9	5.0	21.6	21.6					
48.0	IA 14 MONROE ST	SB		5.0		6	25.1	8.0	22.3		23.7			17.2	
49.0	IA 14 MONROE ST	NB		5.0		6	23.3	7.3	18.9		20.2			24.2	
50.0	IA 14 MONROE ST	SB		5.0		6	15.2	11.7	19.8		20.6			20.8	
51.0	IA 14 MONROE ST	NB		5.0		6	16.5	8.7	15.9		16.8				
52.0	IA 14 MONROE ST	SB	5.2	5.0		4	66.5	5.0	36.9	36.9					
53.0	IA 14 MONROE ST	NB	4.5	5.0		4	54.3	5.0	30.2	30.2					
54.0	IA 14 MONROE ST	NB	5.0	5.0		4	42.2	5.0	23.4	23.4					
55.0	IA 14 MONROE ST	SB	5.1	5.0		4	28.5	5.0	15.8	15.8					
56.0	IA 14 MONROE ST	SB	5.3	5.0		4	107.2	5.0	59.6	59.6					
57.0	IA 14 MONROE ST	NB	5.0	5.0		4	117.1	5.0	65.1	65.1					
58.0	IA 14 MONROE ST	SB		5.0		6	24.9	5.1	14.1		15.5			10.0	
59.0	IA 14 MONROE ST	NB		5.0		6	14.8	4.4	7.2		8.0			15.4	
60.0	IA 14 MONROE ST	NB		6.0		6	23.5	9.3	24.3		25.6			28.4	
61.0	IA 14 MONROE ST	SB		5.0		6	27.2	7.5	22.7		24.2			26.0	
62.0	IA 14 MONROE ST	NB		6.0		4	170.9	6.0	113.9	113.9					
63.0	IA 14 MONROE ST	SB		5.0		4	45.2	5.0	25.1	25.1					
64.0	IA 14 MONROE ST	SB		5.0		4	90.5	5.0	50.3	50.3					
65.0	IA 14 MONROE ST	NB		5.0		4	26.7	5.0	14.8	14.8					
66.0	IA 14 MONROE ST	NB		5.0		6	24.8	11.6	32.0		33.4			21.2	
67.0	IA 14 MONROE ST	SB		5.0		4	52.1	5.0	28.9	28.9					
68.0	IA 14 MONROE ST	NB		5.0		6	14.1	4.5	7.0		7.8			14.6	
69.0	IA 14 MONROE ST	NB		5.0		6	21.4	7.6	18.1		19.3			19.2	
70.0	IA 14 MONROE ST	SB		5.0		6	22.8	8.1	20.5		21.8				
71.0	IA 14 MONROE ST	SB		5.0		4	234.4	5.0	130.2	130.2					
72.0	IA 14 MONROE ST	NB		5.0		4	27.6	5.0	15.3	15.3					
73.0	IA 14 MONROE ST	NB		5.0		4	56.9	5.0	31.6	31.6					
74.0	IA 14 MONROE ST	NB	4.7	5.0		4	127.0	5.0	70.6	70.6					
75.0	IA 14 MONROE ST	SB		5.0		6	16.0	4.7	8.4		9.3			15.8	
76.0	IA 14 MONROE ST	NB		5.0		6	14.0	4.5	7.0		7.8			14.4	
77.0	IA 14 MONROE ST	SB		5.0		6	21.5	8.3	19.8		21.0			16.0	
78.0	IA 14 MONROE ST	NB		5.0		6	30.1	7.8	26.1		27.8			16.8	
79.0	IA 14 MONROE ST	SB	4.6	5.0		4	110.0	5.0	61.1	61.1					
80.0	IA 14 MONROE ST	NB	4.8	5.0		4	48.9	5.0	27.2	27.2					
81.0	IA 14 MONROE ST	NB	4.8	5.0		4	151.1	5.0	83.9	83.9					
82.0	IA 14 MONROE ST	SB	4.8	5.0		4	94.4	5.0	52.4	52.4					
83.0	IA 14 MONROE ST	SB		5.0		6	13.8	4.5	6.9		7.7			14.2	
84.0	IA 14 MONROE ST	NB		5.0		6	14.1	4.5	7.0		7.8			14.4	
85.0	IA 14 MONROE ST	NB		5.0		6	20.5	4.6	10.5		11.6			15.2	
86.0	IA 14 MONROE ST	SB		5.0		6	13.2	4.3	6.3		7.0			13.8	
87.0	IA 14 MONROE ST	NB	4.2	3.0		4	184.2	3.0	61.4	61.4					
88.0	IA 14 MONROE ST	SB	4.8	5.0		4	56.2	5.0	31.2	31.2					

SIDEWALKS

See MI-220 and S Sheets



Line No.	Intersection/Road	Quadrant/Side	A (FT)	B (FT)	S (%)	Sidewalk Thickness (IN)	Sidewalk Length (FT)	Sidewalk Width (FT)	Sidewalk Area (SY)	4" PCC Sidewalk (SY)	6" PCC Sidewalk (SY)	8" PCC Sidewalk (SY)	10" PCC Sidewalk (SY)	Detectable Warnings (SF)	Remarks

TOTALS
4" PCC SIDEWALK: 1847.9 SY
6" PCC SIDEWALK: 646.8 SY
8" PCC SIDEWALK: 32.3 SY
DETECTABLE WARNING: 609.4 SF

CLEARING AND GRUBBING

Line No.	Station From	Station To	Direction of Traffic	Work and Material Type	>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"	Other Materials Length (FT)	Other Materials Width (FT)	Estimated Units	Estimated Area (Acres)	Estimated Herbicide Application (EA)	Remarks
1.0	154+51.10		NB	Trees - Clearing and Grubbing								1								50.0			

DRAINAGE STRUCTURE BY ROAD CONTRACTOR

Length of unclassified pipe calculated is based on using Reinforced Concrete Pipe.
* Not a bid item
(1) Diameter or equivalent diameter
(2) UNCL = Unclassified Pipe CMP = Corrugated Metal Pipe RCP = Reinforced Concrete Pipe LCP = Arch or Elliptical Low Clearance Pipe SARC = Steel Arch Pipe
(3) Backfill according to DR-101

Drainage Area (ACRE)	Location	Type	Size (IN) (1)	Pipe Classification	Kind of Pipe (2)	Length New Const. (LF)	Length of total that is Trenchless	Bedding Class	Design Cover (H) (FT)	Camber* (DR-102) (FT)	Apron No. (IN)	Apron No. (OUT)	Apron Guard* (DR-213) (No.)	Elbow* (DR-141) (No.)	Diaphragm* (DR-501) (No.)	Tee Section* (DR-142) (No.)	"D" Section* (DR-141) (No.)	Reducer* (No.)	Type 'C' Conn.* (DR-122)	Type 'C' Conn.* (No.)	Connected Pipe Joint* (DR-121)	4" Perforated Subdrain* (FT)	Flow Line Elevation LT.	Flow Line Elevation RT.	Flow Line Elevation Other	Flow Line Elevation Other	Dimensions Lineal Feet Total (Left)	Dimensions Lineal Feet Total (Right)	Dimensions Lineal Feet Extensions	Dimensions Lineal Feet Extensions	Skew Ahead Degrees (Left)	Skew Ahead Degrees (Right)	Dike Location	Dike Station	Dike Elevation	Dike Type	Class 20 (CY)	Flowable Mortar	Floodable Backfill* (A)	Porous Backfill* (B)	Flooded Backfill(A+B)	Remarks
.13	1483+02.40		18.0		UNCL	22.0					1	1											916.29	915.71																		SW Corner
.06	1483+06.93		18.0		UNCL	20.0					1	1											916.50	916.81																		SE Corner
.11	1482+95.87		18.0		UNCL	16.0					1	1											916.20	916.50																		SE Corner

TOTALS:
APRONS: 6 EACH
UNCLASSIFIED CULVERT LENGTH: 58 LF

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

UTILITY CONTACTS

(M62G) MIDAMER-GAS
Company name : MIDAMER-GAS
Design contact: JASON LOUGH
Phone: 6416834171
Email: jelough@midamerican.com

(CEL01) U.S. CELLULAR
Company name : U.S. CELLULAR
Design contact: MICAH FAY
Phone: 9186937011
Email: MICAH.FAY@USCELLULAR.COM

(CLECIA) WINDSTREAM ENTERPRISE
Company name : WINDSTREAM ENTERPRISE
Design contact: CLEC LOCATE DESK
Phone: 8009413430
Email: wci.clec.locate@windstream.com

(CTLIA01) CENTURYLINK
Company name : CENTURYLINK
Design contact: SADIE HULL
Phone: 9185470147
Email: sadie.hull@lumen.com

(ICN) IOWA COMMUNICATIONS NETWORK
Company name : IOWA COMMUNICATIONS NETWORK
Design contact: DAVE AUGSPURGER
Phone: 5157254604
Email: icnoutsideplantiowaonecall@iowa.gov

(M62E) MIDAMER-ELEC
Company name : MIDAMER-ELEC
Design contact: Ashton Wagner
Phone: 5152812989
Email: mecdsmdesignlocates@midamerican.com

(MNB01) MNA/BLUEBIRD
Company name : MNA/BLUEBIRD
Design contact: JASON HAMMERS
Phone: 8155351400
Email: jason.hammers@bluebirdnetwork.com

(MON) MONROE, CITY OF
Company name : MONROE, CITY OF
Design contact: Carol Ann Diekema
Phone: 5152592319
Email: monroecityhall@mchsi.com

(TC4) MEDIACOM L.L.C.
Company name : MEDIACOM L.L.C.
Design contact: DAVE MEYERS
Phone: 5159917388
Email: DMEYERS2@MEDIACOMCC.COM

(WINIA) WINDSTREAM COMMUNICATIONS
Company name : WINDSTREAM COMMUNICATIONS Design contact: LOCATE DESK
Phone: 8002891901
Email: LOCATE.DESK@WINDSTREAM.COM

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.		
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities

SHADING	Design Color No.		Transparency
Pink, Dark	(13)	Temporary Pavement Shading	50%
Yellow	(4)	Proposed Pavement Shading	50%
Orange	(6)	Proposed Granular Shading	50%
Orange	(70)	Proposed Shoulder Granular Shading	50%
Yellow	(68)	Proposed Shoulder Paved Full Depth Shading	50%
Yellow	(132)	Proposed Shoulder Paved Partial Depth Shading	50%
Brown, Light	(236)	Grading Shading	50%
Orange, Light	(134)	Proposed Granular Entrance Shading	50%
Yellow	(220)	Proposed Paved Entrance Shading	50%
Tan	(8)	Proposed Sidewalk Shading	50%
Blue, Light	(230)	Proposed Sidewalk Landing Shading	50%
Pink	(11)	Proposed Sidewalk Ramp Shading	50%
Red	(3)	Proposed Structure Shading	50%
Red	(3)	Delineates Restricted Areas	0%

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	
Green	(10)	Existing Ground Line Profile
Blue	(1)	Proposed Profile and Annotation
Magenta	(5)	Existing Utilities
Blue, Light	(230)	Proposed Ditch Grades, Left
Black	(0)	Proposed Ditch Grades, Median
Rust	(14)	Proposed Ditch Grades, Right

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

RIGHT-OF-WAY LEGEND

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

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.1

9:06:47 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_Legend.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

001

002

REMOVE EXISTING CULVERT AND INSTALL 22 LF OF XX" OF UNCLASSIFIED CULVERTS WITH APRONS PER THE DR SERIES STANDARD ROAD PLANS.
STA. 1482+90.25, 68.5' LT
FL = 914.22 (S)
STA. 1483+13.51, 71.35' RT
FL = 914.79 (N)

REMOVE CMP CULVERT PIPE.
INSTALL CULVERT PIPE AND APRONS

Business 163

PROTECT INTAKE

EXISTING SLOPE: 2.78%
PROPOSED SLOPE: 3.05%

EXISTING SLOPE: 4.22%
PROPOSED SLOPE: 5.12%

ENSURE POSITIVE DRAINAGE

1483+00

1484+00

1485+00

14

REMOVE EXISTING CULVERT AND INSTALL 16 LF OF XX" OF UNCLASSIFIED CULVERTS WITH APRONS PER THE DR SERIES STANDARD ROAD PLANS.
STA. 1482+88.88, 56.33' LT
FL = 916.29 (S)
STA. 1483+05.00, 60.55' RT
FL = 916.31 (N)

REMOVE EXISTING CULVERT AND INSTALL 20 LF OF XX" OF UNCLASSIFIED CULVERTS WITH APRONS PER THE DR SERIES STANDARD ROAD PLANS.
STA. 1483+02.61 66.3' LT
FL = 916.32 (S)
STA. 1483+04.20, 86.4' RT
FL = 916.40 (N)

REMOVE CMP CULVERT PIPE.
INSTALL CULVERT PIPE AND APRONS

REMOVE CMP CULVERT PIPE.
INSTALL CULVERT PIPE AND APRONS

6'-0"

051

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.2

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002

003

EXISTING SLOPE: 2.62%
PROPOSED SLOPE: 2.99%

EQUATION:
STA 134+96.30(AH) =
STA 1485+96.30(BK)

EXISTING SLOPE: 4.42%
PROPOSED SLOPE: 5.69%

2 X INTAKE ADJUSTMENT,
MINOR TYPE S CASTING

ENSURE PROSITIVE DRAINAGE

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

135+00

136+00

137+00

14

PT 134+96.30

EXISTING SLOPE: 6.74%
PROPOSED SLOPE: 3.97%

EXISTING SLOPE: 5.87%
PROPOSED SLOPE: 3.97%

EXISTING SLOPE: 7.13%
PROPOSED SLOPE: 5.99%

EXISTING SLOPE: 8.76%
PROPOSED SLOPE: 5.93%

EXISTING SLOPE: 3.93%
PROPOSED SLOPE: 3.01%

EXISTING SLOPE: 3.35%
PROPOSED SLOPE: 6.27%

EXISTING SLOPE: 1.66%
PROPOSED SLOPE: 3.78%

EXISTING SLOPE: 2.01%
PROPOSED SLOPE: 4.48%

EXISTING SLOPE: 2.84%
PROPOSED SLOPE: 8.00%

EXISTING SLOPE: 1.65%
PROPOSED SLOPE: 2.92%

049

048

050

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.3

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NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

Mills Street

138+00

139+00

140+00

14

INSTALL 8 LF OF 30' RADIAL DETECTABLE WARNING PANEL

INSTALL 8 LF OF 30' RADIAL DETECTABLE WARNING PANEL

EXISTING SLOPE: 1.14%
PROPOSED SLOPE: 3.33%

EXISTING SLOPE: 3.11%
PROPOSED SLOPE: 3.79%

EXISTING SLOPE: 0.86%
PROPOSED SLOPE: 2.00%

EXISTING SLOPE: 1.33%
PROPOSED SLOPE: 3.30%

048

047

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.4

9:07:00 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

F014

141+00

142+00

143+00

14

EXISTING SLOPE: 0.08%
PROPOSED SLOPE: 2.00%

EXISTING SLOPE: 5.16%
PROPOSED SLOPE: 4.70%

EXISTING SLOPE: 9.07%
PROPOSED SLOPE: 5.20%

PROTECT UTILITY POLE

EXISTING SLOPE: 2.20%
PROPOSED SLOPE: 5.40%

F015
F02

EXISTING SLOPE: 0.75%
PROPOSED SLOPE: 4.43%

EXISTING SLOPE: 0.42%
PROPOSED SLOPE: 3.00%

PROTECT FENCE

047

046

045

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.5

9:07:02 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

004

005

EXISTING SLOPE: 4.64%
PROPOSED SLOPE: 10.06%

EXISTING SLOPE: 3.49%
PROPOSED SLOPE: 10.20%

EXISTING SLOPE: 13.50%
PROPOSED SLOPE: 8.17%

EXISTING SLOPE: 15.23%
PROPOSED SLOPE: 11.80%

INSTALL 19 LF OF 25'
DETECTABLE WARNING PANEL

REMOVE & REINSTALL SIGN

PROTECT INTAKES

144+00

145+00

146+00

American Street

F014

F015

14

MANHOLE ADJUSTMENT,
INSTALL AREA INTAKE
TYPE 4 CASTING

INSTALL 18 LF OF 25'
DETECTABLE WARNING PANEL

REMOVE AND REINSTALL SIGN

REMOVE AND REINSTALL SIGN

REMOVE AND REINSTALL SIGN

045

044

043

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.6

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NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

005
006
007
042
041
14

PROTECT BOLLARD
EXISTING SLOPE: 5.37%
PROPOSED SLOPE: 7.10%
EXISTING SLOPE: 4.05%
PROPOSED SLOPE: 2.66%
EXISTING SLOPE: 4.41%
PROPOSED SLOPE: 1.69%
EXISTING SLOPE: 3.92%
PROPOSED SLOPE: 6.26%
EXISTING SLOPE: 8.22%
PROPOSED SLOPE: 8.99%
EXISTING SLOPE: 5.30%
PROPOSED SLOPE: 5.93%
EXISTING SLOPE: 7.19%
PROPOSED SLOPE: 5.66%
EXISTING SLOPE: 4.42%
PROPOSED SLOPE: 8.97%
EXISTING SLOPE: 7.12%
PROPOSED SLOPE: 10.93%
EXISTING SLOPE: 7.67%
PROPOSED SLOPE: 6.93%
REMOVE & REINSTALL SIGN
EXISTING SLOPE: 3.83%
PROPOSED SLOPE: 11.60%
CURB STOP ADJUSTMENT
E Marion Street
147+00
148+00
149+00
FO14
FO2
FO3
SIGN

REMOVE & REINSTALL SIGN
8' TRANSITION CURB
REMOVE AND REINSTALL SIGN
EXISTING SLOPE: 9.69%
PROPOSED SLOPE: 8.92%
EXISTING SLOPE: 9.84%
PROPOSED SLOPE: 9.08%
EXISTING SLOPE: 2.14%
PROPOSED SLOPE: 5.56%
EXISTING SLOPE: 1.39%
PROPOSED SLOPE: 8.20%
EXISTING SLOPE: 5.15%
PROPOSED SLOPE: 9.42%
EXISTING SLOPE: 3.10%
PROPOSED SLOPE: 9.20%
EXISTING SLOPE: 0.30%
PROPOSED SLOPE: 1.8%
EXISTING SLOPE: 0.79%
PROPOSED SLOPE: 3.00%
EXISTING SLOPE: 1.36%
PROPOSED SLOPE: 3.27%
EXISTING SLOPE: 1.75%
PROPOSED SLOPE: 0.64%
REMOVE AND REINSTALL SIGN
8" TRANSITION CURB
PROTECT HYDRANT
8" TRANSITION CURB
REMOVE AND RELOCATE SIGN
EXISTING SLOPE: 7.21%
PROPOSED SLOPE: 6.01%
EXISTING SLOPE: 9.27%
PROPOSED SLOPE: 7.12%
EXISTING SLOPE: 2.89%
PROPOSED SLOPE: 5.80%

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.7

9:07:07 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

007

150+00

151+00

152+00

14

Washington Street

CONSTRUCT FROM RIGHT OF WAY

CURB STOP ADJUSTMENT

8' TRANSITION CURB

INSTALL 14.5 LF OF BEAM CURB. PROTECT BRICK FACADE

INSTALL 11 LF OF 25' RADIAL DETECTABLE WARNING PANEL

008

PROTECT SIGN

PROTECT FENCE

PROTECT FENCE

REMOVE AND REINSTALL LIGHT POLE

REMOVE AND RELOCATE SIGN

8' TRANSITION CURB

MANHOLE ADJUSTMENT, MINOR

PROTECT SIGN

EXISTING SLOPE: 7.91%
PROPOSED SLOPE: 7.68%

EXISTING SLOPE: 7.98%
PROPOSED SLOPE: 7.63%

REMOVE AND REINSTALL SIGN

EXISTING SLOPE: 5.88%
PROPOSED SLOPE: 5.11%

EXISTING SLOPE: 12.59%
PROPOSED SLOPE: 9.80%

INSTALL 12 LF OF 25' RADIAL DETECTABLE WARNING PANEL

EXISTING SLOPE: 1.17%
PROPOSED SLOPE: 1.11%

EXISTING SLOPE: 1.43%
PROPOSED SLOPE: 3.30%

PROTECT BRICK PAVERS AND FLAG POLES

EXISTING SLOPE: 11.21%
PROPOSED SLOPE: 6.68%

REMOVE AND REINSTALL SIGN

040

039

038

037

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.8

9:07:10 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

009
012
011
037
036
035
034
14

CURB STOP ADJUSTMENT
PROTECT GEODETIC MARKER
PROTECT SIGN
EXISTING SLOPE: 9.72%
PROPOSED SLOPE: 11.01%
EXISTING SLOPE: 2.46%
PROPOSED SLOPE: 9.78%
PROTECT UTILITY POLE
153+00
EXISTING SLOPE: 9.74%
PROPOSED SLOPE: 12.37%
EXISTING SLOPE: 8.19%
PROPOSED SLOPE: 10.92%
PROTECT FOOTING AND BOLLARDS
INSTALL BEAM CURB
PROTECT UTILITY POLE
CURB STOP ADJUSTMENT
154+00
PROTECT INTAKE
8' TRANSITION CURB
INSTALL 9 LF OF 25' RADIAL WARNING PANEL
REMOVE AND RELOCATE SIGN
E Iowa Street
8' TRANSITION CURB
INSTALL 10 LF OF 25' RADIAL WARNING PANEL
155+00
CURB STOP ADJUSTMENT
EXISTING SLOPE: 8.07%
PROPOSED SLOPE: 10.53%
EXISTING SLOPE: 8.25%
PROPOSED SLOPE: 11.38%
EXISTING SLOPE: 9.68%
PROPOSED SLOPE: 12.50%
EXISTING SLOPE: 11.93%
PROPOSED SLOPE: 9.09%
EXISTING SLOPE: 14.06%
PROPOSED SLOPE: 8.94%
PROTECT SIGN
PROTECT INTAKE
INSTALL 12 LF OF 25' RADIAL WARNING PANEL
INSTALL 12 LF OF 25' RADIAL WARNING PANEL
CURB STOP ADJUSTMENT
EXISTING SLOPE: 2.06%
PROPOSED SLOPE: 4.50%
EXISTING SLOPE: 3.21%
PROPOSED SLOPE: 6.40%
INSTALL BEAM CURB
CURB STOP ADJUSTMENT
PROTECT HYDRANT
PROTECT VALVE BOX

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.9

9:07:12 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

011
010
013
014
034
033
032
031

EQUATION:
STA 155+83.10(AH) =
STA 155+83.37(BK)
PT 155+83.10

156+00
157+00
158+00

E Franklin Street

EXISTING SLOPE: 7.55%
PROPOSED SLOPE: 9.50%
EXISTING SLOPE: 9.43%
PROPOSED SLOPE: 11.0%
EXISTING SLOPE: 10.47%
PROPOSED SLOPE: 8.99%
EXISTING SLOPE: 10.82%
PROPOSED SLOPE: 8.93%
EXISTING SLOPE: 11.66%
PROPOSED SLOPE: 12.62%
EXISTING SLOPE: 11.31%
PROPOSED SLOPE: 12.95%

REMOVE AND REINSTALL SIGN
CURB STOP ADJUSTMENT
PROTECT INTAKE
INSTALL 13 LF OF 25' RADIAL DETECTABLE WARNING PANEL

14

EXISTING SLOPE: 8.95%
PROPOSED SLOPE: 11.69%
EXISTING SLOPE: 8.07%
PROPOSED SLOPE: 9.87%
EXISTING SLOPE: 14.24%
PROPOSED SLOPE: 1.24%
EXISTING SLOPE: 12.94%
PROPOSED SLOPE: 2.06%
EXISTING SLOPE: 2.09%
PROPOSED SLOPE: 2.70%
EXISTING SLOPE: 5.48%
PROPOSED SLOPE: 1.14%

REPLACE STAIRS TYPE A
CURB STOP ADJUSTMENT
CURB STOP ADJUSTMENT
PROTECT INTAKE
REMOVE AND REINSTALL SIGN
INSTALL 8 LF OF 30' RADIAL DETECTABLE WARNING PANEL
INSTALL 14 LF OF 25' RADIAL DETECTABLE WARNING PANEL
CURB STOP ADJUSTMENT
REMOVE AND REINSTALL SIGN

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.10

9:07:14 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

014
015
016
017
031
030
029

CURB STOP REPLACEMENT
EXISTING SLOPE: 10.90%
PROPOSED SLOPE: 14.68%
EXISTING SLOPE: 7.62%
PROPOSED SLOPE: 9.62%
159+00
EXISTING SLOPE: 11.42%
PROPOSED SLOPE: 9.09%
160+00
EXISTING SLOPE: 5.78%
PROPOSED SLOPE: 10.33%
EXISTING SLOPE: 4.64%
PROPOSED SLOPE: 10.67%
EXISTING SLOPE: 13.79%
PROPOSED SLOPE: 9.09%
CURB STOP ADJUSTMENT
PROTECT STEP
PROTECT UTILITY POLE
PROTECT SIGN
E Lincoln Street
161+00
INSTALL 10 LF OF 25' RADIAL DETECTABLE WARNING PANEL
INSTALL 7 LF OF 25' RADIAL DETECTABLE WARNING PANEL
PROTECT FENCE
14
8' TRANSITION CURB
REMOVE AND REINSTALL SIGN
EXISTING SLOPE: 7.88%
PROPOSED SLOPE: 2.06%
EXISTING SLOPE: 8.93%
PROPOSED SLOPE: 1.24%
INSTALL 10.5 LF OF 25' RADIAL DETECTABLE WARNING PANEL
INSTALL 10.5 LF OF 25' RADIAL DETECTABLE WARNING PANEL
CURB STOP ADJUSTMENT
INSTALL BEAM CURB
8' TRANSITION CURB
REMOVE AND REINSTALL SIGN
PROTECT HYDRANT
SIGN
F014
F02
G
0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.11

9:07:17 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
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2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

017

017

PROTECT GATE

PROTECT FENCE

PROTECT UTILITY POLE

E Nevada Street

FO14

G

SIGN

162+00

163+00

164+00

REMOVE AND RELOCATE SIGN

PROTECT INTAKE

INSTALL 8 LF OF 25' RADIAL DETECTABLE WARNING PANEL

INSTALL 8 LF OF 25' RADIAL DETECTABLE WARNING PANEL

14

EXISTING SLOPE: 12.24%
PROPOSED SLOPE: 8.89%

EXISTING SLOPE: 12.00%
PROPOSED SLOPE: 8.96%

PROTECT UTILITY POLE

CURB STOP ADJUSTMENT

EXISTING SLOPE: 9.98%
PROPOSED SLOPE: 2.10%

EXISTING SLOPE: 9.62%
PROPOSED SLOPE: 3.74%

PROTECT SIGN

PROTECT INTAKE

PROTECT SIGN

PROTECT HOUSE AND STOOP

8' TRANSITION CURB

INSTALL 8 LF OF 25' RADIAL DETECTABLE WARNING PANEL

INSTALL 7 LF OF 25' RADIAL DETECTABLE WARNING PANEL

8' TRANSITION CURB

029

028

027

026

PROTECT STAIRS AND HANDRAIL

CURB STOP ADJUSTMENT

PROTECT STAIRS

PROTECT SIGN

COORDINATE SIDEWALK CLOSURE WITH OWNER. ALLOW OWNER TIME TO REMOVE ANY VALUED LANDSCAPING BEFORE PERFORMING REMOVALS

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.12

9:07:19 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

018
019
020
021
026
025
024
023

CURB STOP ADJUSTMENT

EXISTING SLOPE: 8.90%
PROPOSED SLOPE: 11.89%

REMOVE AND REPLACE SIGN

E North Street

PROTECT SIGN

EXISTING SLOPE: 8.17%
PROPOSED SLOPE: 14.81%

165+00
166+00
167+00

INSTALL 7 LF OF 25' RADIAL DETECTABLE WARNING PANEL

INSTALL 7LF OF 25' RADIAL DETECTABLE WARNING PANEL

14

REMOVE MODULAR BLOCK RETAINING WALL, PALLITIZE, AND SALVAGE TO OWNER WITH OPTION OF EITHER SALVAGE TO PROPERTY OWNER OR DISPOSED OF IN ACCORDANCE TO LOCAL AND STATE REGULATIONS. GRADE TO AT 6:1 TO PROPERTY

PROTECT RETAINING WALL

EXISTING SLOPE: 12.59%
PROPOSED SLOPE: 7.94%

CURB STOP ADJUSTMENT

EXISTING SLOPE: 12.14%
PROPOSED SLOPE: 7.98%

CURB STOP ADJUSTMENT

REMOVE AND REPLACE SIGN

INSTALL 7.5 LF OF 25' RADIAL DETECTABLE WARNING PANEL

CONSTRUCTION LIMITS

REMOVE AND REPLACE SIGN

EXISTING SLOPE: 1.05%
PROPOSED SLOPE: 7.60%

CURB STOP REPLACEMENT

INSTALL 7 LF OF 25' RADIAL DETECTABLE WARNING PANEL

PROPOSED GRADING 6:1 MAX

EXISTING SLOPE: 1.07%
PROPOSED SLOPE: 7.40%

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.13

9:07:22 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

NOTES:
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3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

021

168+00

169+00

PC 169+96.83

170+00

14

REMOVE AND REINSTALL SIGN

REMOVE AND REINSTALL SIGN

REMOVE AND REINSTALL SIGN

PROTECT INTAKE

PROTECT RETAINING WALL

023

022

REMOVE EXISTING JOINT MATIERAL AND DEBRIS. INSTALL NON-COMPRESSIBLE EXPANDING FOAM AT EACH EXPANSION JOINT. SEAL JOINT WITH EPOXY. (8 JOINTS)

RETAINING WALL REFER TO U SHEET. INSTALL PANELS BEHIND JOINTS, SEE B.3 FOR WALL PLATE DESIGN

E Grant Street

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER D.14

9:07:24 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_D02toD14.dgn

PROTECT INTAKE

002

PROTECT INTAKE

NOTES:
1. PROTECT ALL UTILITIES AND SIGNS UNLESS NOTED OTHERWISE.
2. PROTECT ALL STRUCTURES AND BUILDINGS.
3. PROVIDE TEMPORARY SHEETING AS NEEDED TO PROTECT BUILDING FACADES

051

14

1484+00

PROTECT SIGN

Business 163

REMOVE AND REPLACE CULVERT PIPE WITH UNCLASSIFIED PIPE MATERIAL.ENSURE POSITIVE DRAINGE

REMOVE AND REPLACE CULVERT PIPE WITH UNCLASSIFIED PIPE MATERIAL.ENSURE POSITIVE DRAINGE

1483+00

001

REMOVE AND REPLACE CULVERT PIPE WITH UNCLASSIFIED PIPE MATERIAL. ENSURE POSITIVE DRAINGE

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER E.1

9:07:31 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_E01.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

Business 163

1483+00

1484+00

1485+00

14

SIGN

SIGN

SIGN

SIGN

SIGN

T4

0 10 FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.1	

9:07:36 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

135+00

136+00

137+00

14

0 10
FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.2	

9:07:38 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

Mills Street

138+00

139+00

140+00

14

SIGN

SIGN

SIGN

0 10
FEET

LEGEND

- X — TREE REMOVAL
- PAVEMENT REMOVAL
- FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.3

9:07:41 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

141+00

142+00

143+00

14

0 10
FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.4	

9:07:43 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

144+00

145+00

American Street

146+00

14

0 10 FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.5	

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NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

E Marion Street

147+00

148+00

149+00

14

0 10
FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.6	

9:07:48 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

Washington Street

150+00

151+00

152+00

14

0 10 FEET

LEGEND

- X — TREE REMOVAL
- PAVEMENT REMOVAL
- FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.7

9:07:50 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

E Iowa Street

153+00

154+00

155+00

14

X

0 10 FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.8	

9:07:52 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

E Franklin Street

156+00

157+00

158+00

14

0 10 FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.9	

9:07:55 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

E Lincoln Street

159+00

160+00

161+00

14

SIGN

SIGN

SIGN

SIGN

SIGN

0 10
FEET

LEGEND

- X — TREE REMOVAL
- PAVEMENT REMOVAL
- FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.10

9:07:57 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

E Nevada Street

162+00

163+00

164+00

14

COORDINATE SIDEWALK CLOSURE WITH OWNER. ALLOW OWNER TIME TO REMOVE ANY VALUED LANDSCAPING BEFORE PERFORMING REMOVALS

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

0 10 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.11	

9:07:59 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
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E North Street

165+00

166+00

167+00

14

0 10 FEET

LEGEND

X TREE REMOVAL

PAVEMENT REMOVAL

FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.12	

9:08:01 AM 9/30/2026 jsundquist pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5001401024\Design\CADD_Files\Sheet_Files\SHT_50014071Z09_F01toF13.dgn

NOTES:
1. CORE OUT ALL EXISTING GRANULAR FOR PROPOSED PAVEMENT. STOCKPILE NECESSARY MATERIAL WITHIN EXISTING OR ACQUIRED ROW TO BACKFILL INSTALLED PAVEMENT. DO NOT STORE MATERIAL ON HIGHWAY OR LOCAL SIDE STREETS.

168+00

169+00

170+00

14

REMOVE RETAINING WALL

PROECT WALL AND LANDSCAPING

PROTECT STAIRS AND CHEEK WALL

E Grant Street

0 10
FEET

LEGEND

- TREE REMOVAL
- PAVEMENT REMOVAL
- FULL DEPTH SAW CUT LINE

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER F.13

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Survey Information
County: Jasper
Project Number: NHSN-014-4(071)--2R-50
Location: In the City of Monroe (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 09 (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: 100
Description: FENO SET FENO MONUMENT
IaRCS ZONE 9
N=7663849.17
E=19421885.71

Validation Point: 102
Description: CP SET 5/8" REBAR
IaRCS ZONE 9
N=7661892.10
E=19422027.89

Validation Point: 103
Description: CP SET 5/8" REBAR
IaRCS ZONE 9
N=7665954.30
E=19421948.57



HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING
HORIZ. DATUM: NAD83(2011) EPOCH 2010.00 (IaRTN 2019 Adjustment)
VERT. DATUM: NAVD88
Ia. Regional Coordinate System Zone 8

100	7663849	19421886	920.95	FENO SET FENO MONUMENT, WEST SIDE N. MONROE STREET, 100FT +/- NORTH OF CENTERLINE OF WASHINGTON, 15FT +/- NORTH OF PEDESTRIAN CROSSING AHEAD SIGN
102	7661892	19422028	918.57	CP FOUND 5/8IN REBAR, 55FT +/- NORTH OF CENTERLINE OF SHERMAN STREET, 100FT +/- EAST OF CENTERLINE OF MONROE STREET
103	7665954	19421949	877.86	CP FOUND 5/8IN REBAR, 30FT +/- EAST OF CENTERLINE OF MONROE STREET, 75FT +/- NORTH OF COLFAX STREET, 40FT NORTH OF STORM MANHOLE

001

Parcel ID: 1736289007
Title Holder: Winchester Carriage Inc
Parcel ID Address: 111 E SHERMAN ST

Business 163

1483+00

1484+00

1485+00

14

002

Parcel ID: 1736279016
Title Holder: Casey's Marketing Company
Parcel ID Address: 509 S MONROE ST
1295.25 S.F. of Temporary Easement

~ PROTECT EXISTING PAVEMENT ~

3.46'
3.61'
52.17'
PROTECT INTAKE
PROTECT CURB
5'
62.54'
70.55'
PROTECT SIGN
5'
5'

SIGN
SIGN
SIGN
SIGN
SIGN
T4

RIGHT-OF-WAY LEGEND

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

0 FEET 10

This Sheet For
ROW Information Only

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

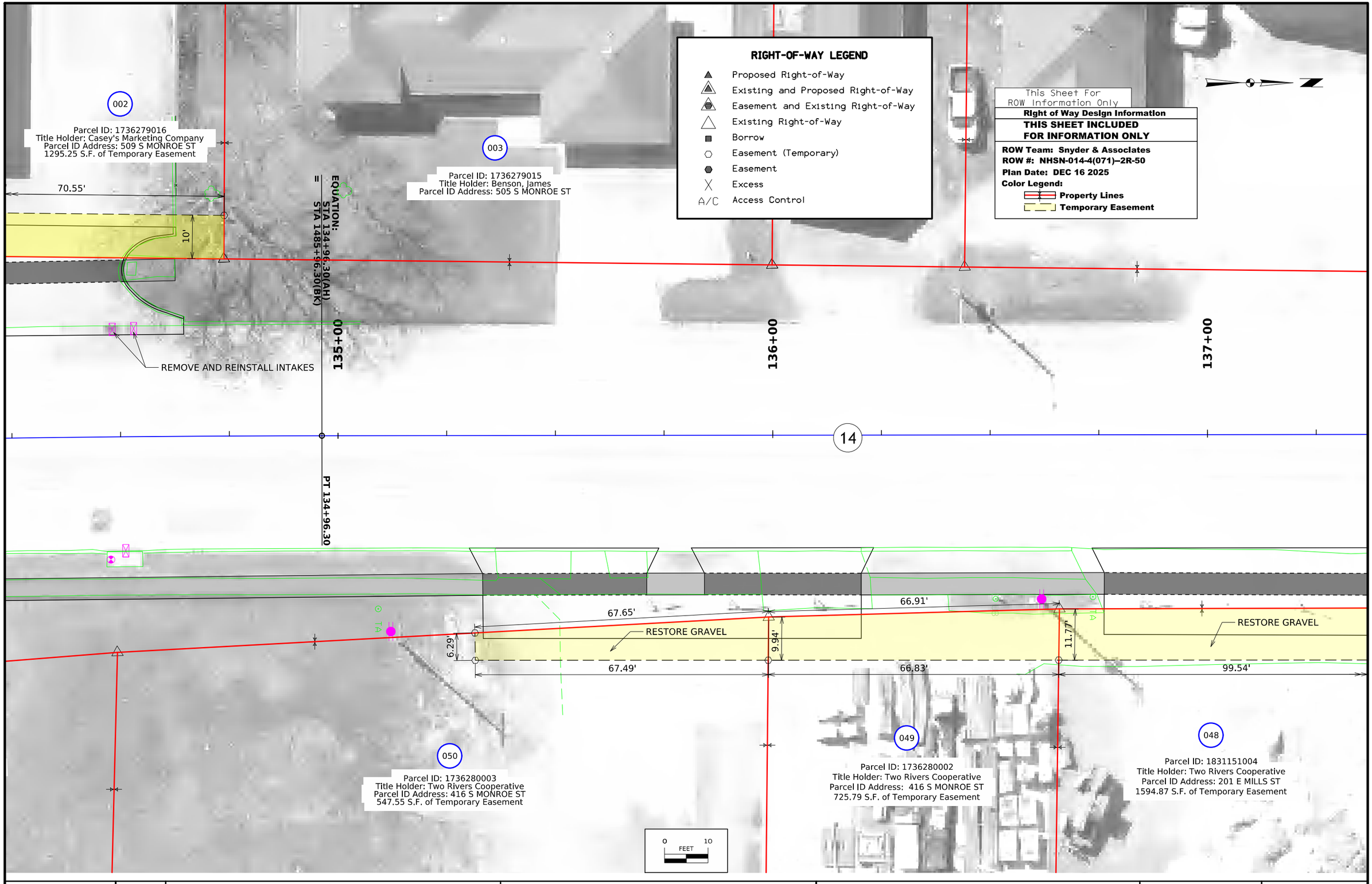
ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)--2R-50
Plan Date: DEC 16 2025
Color Legend:
Property Lines
Temporary Easement

051

Parcel ID: 1831153003
Title Holder: Heartland Co-Op
Parcel ID Address: 512 S MONROE ST

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.1

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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.2

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This Sheet For
ROW Information Only

Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)--2R-50
Plan Date: DEC 16 2025
Color Legend:
Property Lines
Temporary Easement

RIGHT-OF-WAY LEGEND

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

Mills Street

138+00

139+00

140+00

14

99.54'

82.56'

5'

6.99'

5'

048

Parcel ID: 1831151004
Title Holder: Two Rivers Cooperative
Parcel ID Address: 201 E MILLS ST
1594.87 S.F. of Temporary Easement

0 10 FEET

5'

14.37'

144.4'

RESTORE GRAVEL

047

Parcel ID: 1831109003
Title Holder: Hewitt, Stephen M & Linda K
Parcel ID Address: 302 S MONROE ST
702.11 S.F. of Temporary Easement

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.3

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This Sheet For
ROW Information Only

Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)--2R-50
Plan Date: DEC 16 2025
Color Legend:
Property Lines
Temporary Easement

RIGHT-OF-WAY LEGEND

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

141+00

142+00

143+00

14

PROTECT FENCE

~ PROTECT PAVEMENT ~

59.93'

11.1'

11.53'

5'

5'

RESTORE GRAVEL

54.89'

144.39'

047

046

045

Parcel ID: 1831109003
Title Holder: Hewitt, Stephen M & Linda K
Parcel ID Address: 302 S MONROE ST
702.11 S.F. of Temporary Easement

Parcel ID: 1736250002
Title Holder: Hewitt, Stephen M & Linda K Rev Trust
Parcel ID Address: 302 S MONROE ST
702.73 S.F. of Temporary Easement

Parcel ID: 1736250001
Title Holder: City of Monroe Iowa
0 S.F. of Temporary Easement

0 10
FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.4

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RIGHT-OF-WAY LEGEND

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

This Sheet For ROW Information Only

Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)–2R-50
Plan Date: DEC 16 2025
Color Legend:
Property Lines
Temporary Easement

144+00

145+00

American Street

146+00

14

PROTECT SIDEWALK

4.9'

9.5'

5'

PROTECT SIGN

66.67'

112.07'

45.4'

~ PROTECT PAVEMENT ~

004

Parcel ID: 1736240018
Title Holder: Monroe Senior & Community Center Inc
Parcel ID Address: 113 S MONROE ST
403.21 S.F. of Temporary Easement

005

Parcel ID: 1736240017
Title Holder: Phifer, Ralph D
Susan J
Parcel ID Address: 111 S MONROE ST
269.84 S.F. of Temporary Easement

PROTECT FENCE

045

Parcel ID: 1736250001
Title Holder: City of Monroe Iowa
0 S.F. of Temporary Easement

0 10 FEET

PROTECT STAIRS

PROTECT SIDEWALK AND STAIRS

5.1'

5'

60.28'

044

Parcel ID: 1736241004
Title Holder: SCHWINGER, ANGELA
Parcel ID Address: 116 S MONROE ST
305.56 S.F. of Temporary Easement

043

Parcel ID: 1736241003
Title Holder: Regnier, Charles D Jr
Parcel ID Address: 110 S MONROE ST
312.24 S.F. of Temporary Easement

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.5

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Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)–2R-50
Plan Date: DEC 16 2025
Color Legend:
Property Lines
Temporary Easement

RIGHT-OF-WAY LEGEND

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

005

006

007

RESTORE GRAVEL

45.4'

5'

3.66'

8.62'

8.14'

102.16'

~ PROTECT PAVEMENT ~

Parcel ID: 1736240015
Title Holder: Hansen, Alicia A Joshua L
Parcel ID Address: 101 S MONROE ST
1401.44 S.F. of Temporary Easement

PROTECT SIDEWALK

23.01'

7.96'

10.87'

18.69'

147+00

148+00

149+00

E Marion Street

REMOVE, SALVAGE, AND REINSTALL SIGN

Parcel ID: 1736235001
Title Holder: City of Monroe
3766.34 S.F. of Temporary Easement

14

10'

~ PROTECT PAVEMENT ~ 115.43'

13.5'

10'

23.66'

042

Parcel ID: 1736241001
Title Holder: Hewitt, Stephen M & Linda K Rev Trust
Parcel ID Address: 106 S MONROE ST
1389.88 S.F. of Temporary Easement

PROTECT PAVEMENT

6.99'

5'

10'

PROTECT SIDEWALK

0 10 FEET

PROTECT STAIRS

18.97'

13.93'

48.34'

5'

10'

10'

19.75'

44.82'

PROTECT SIDEWALK

PROTECT PAVEMENT

REMOVE AND REPLACE STAIRS

041

Parcel ID: 1736236004
Title Holder:
Kingery, Frank E
Kingery, Vicky L
Parcel ID Address: 204 E MARION ST
518.85 S.F. of Temporary Easement

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.6

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RIGHT-OF-WAY LEGEND

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

007

Parcel ID: 1736235001
Title Holder: City of Monroe
3766.34 S.F. of Temporary Easement

150+00

151+00

Washington Street

PROTECT SIGN POST AND RAIL

REMOVE, SALVAGE, REINSTALL BOULDER

REMOVE AND RELOCATE LIGHT POLE

PROTECT SIDEWALK

PROTECT BUILDING

008

Parcel ID: 1736229010
Title Holder: Breckenridge, James M
Parcel ID Address: 120 E WASHINGTON ST
910.16 S.F. of Temporary Easement

152+00

14

040

Parcel ID: 1736236003
Title Holder: Hakeman Properties LLC
Parcel ID Address: 105 N MONROE ST
449.93 S.F. of Temporary Easement

0.02'
44.82'
10'
6.63'
10'

039

Parcel ID: 1736236002
Title Holder: City of Monroe
Parcel ID Address: 107 N MONROE ST

~ PROTECT PAVEMENT ~

038

Parcel ID: 1736236001
Title Holder: City of Monroe
Parcel ID Address: 113 N MONROE ST
210.90 S.F. of Temporary Easement

5'
32.46'
9.75'
5'
5'

0 10
FEET

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Right of Way Design Information

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ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)–2R-50
Plan Date: DEC 16 2025
Color Legend:
Property Lines
Temporary Easement

~ PROTECT PAVEMENT ~

9.02'
3.75'
11.03'
121.54'

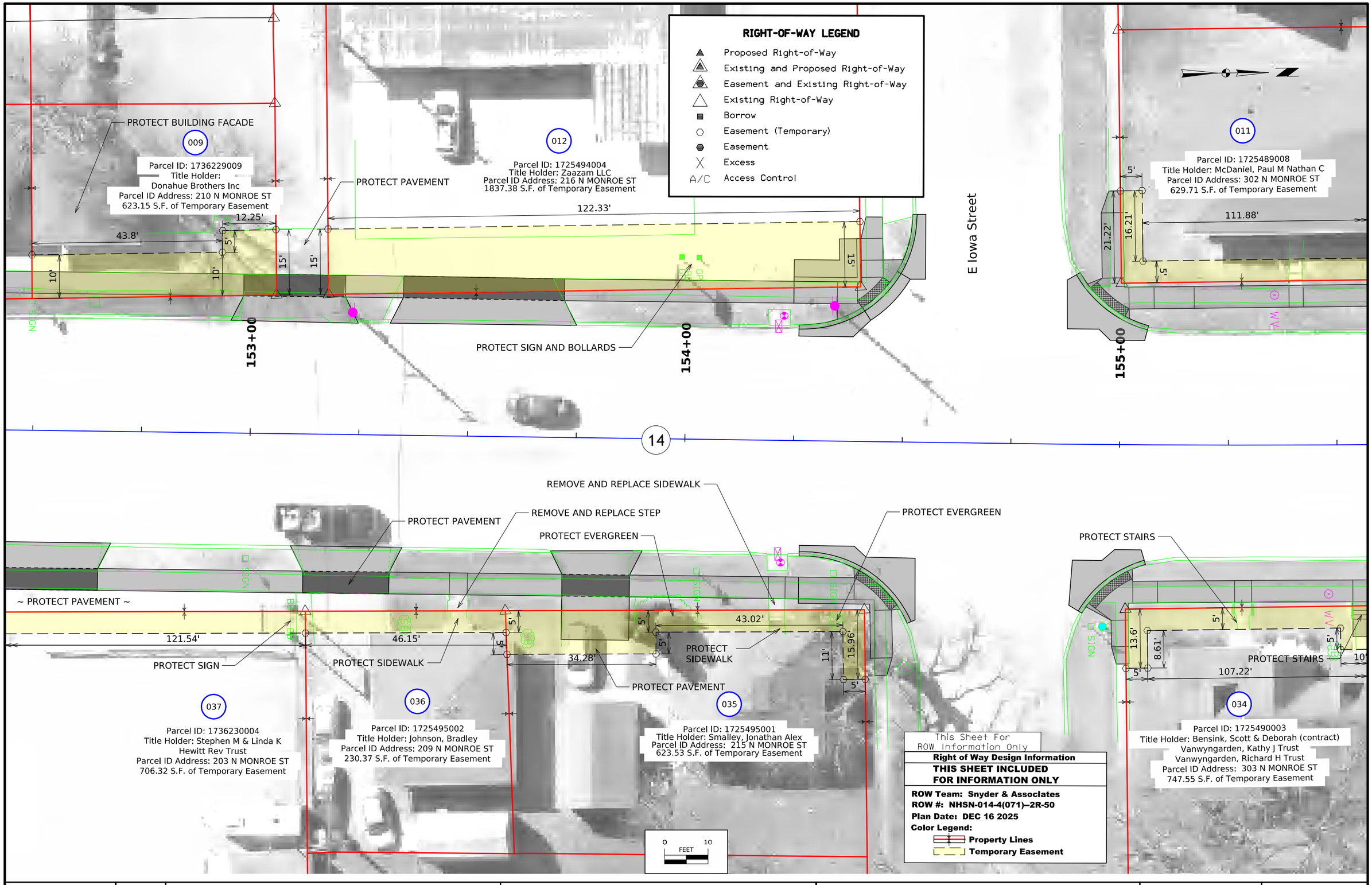
037

Parcel ID: 1736230004
Title Holder: Stephen M & Linda K Hewitt Rev Trust
Parcel ID Address: 203 N MONROE ST
706.32 S.F. of Temporary Easement

PROTECT SIDEWALK

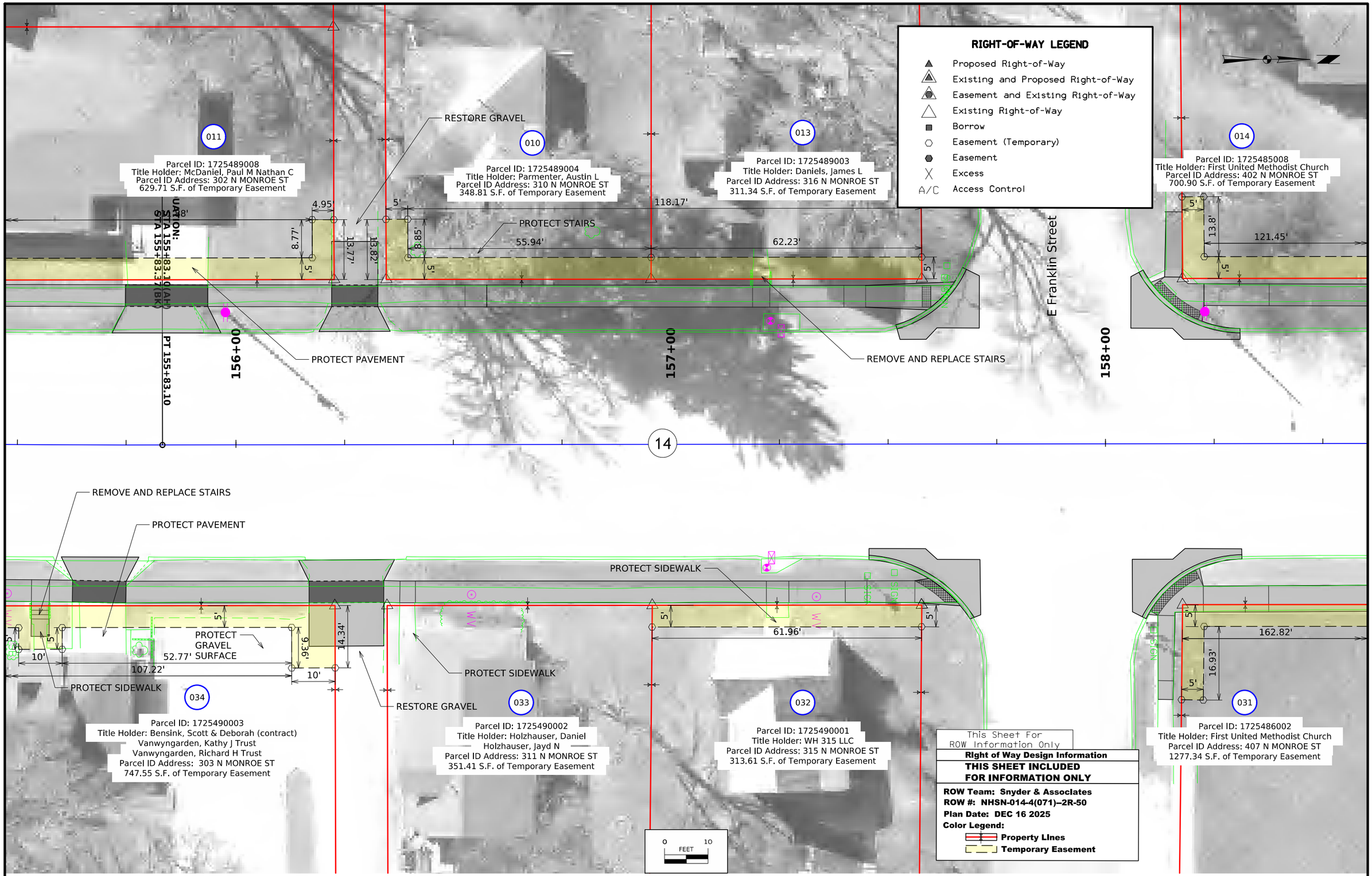
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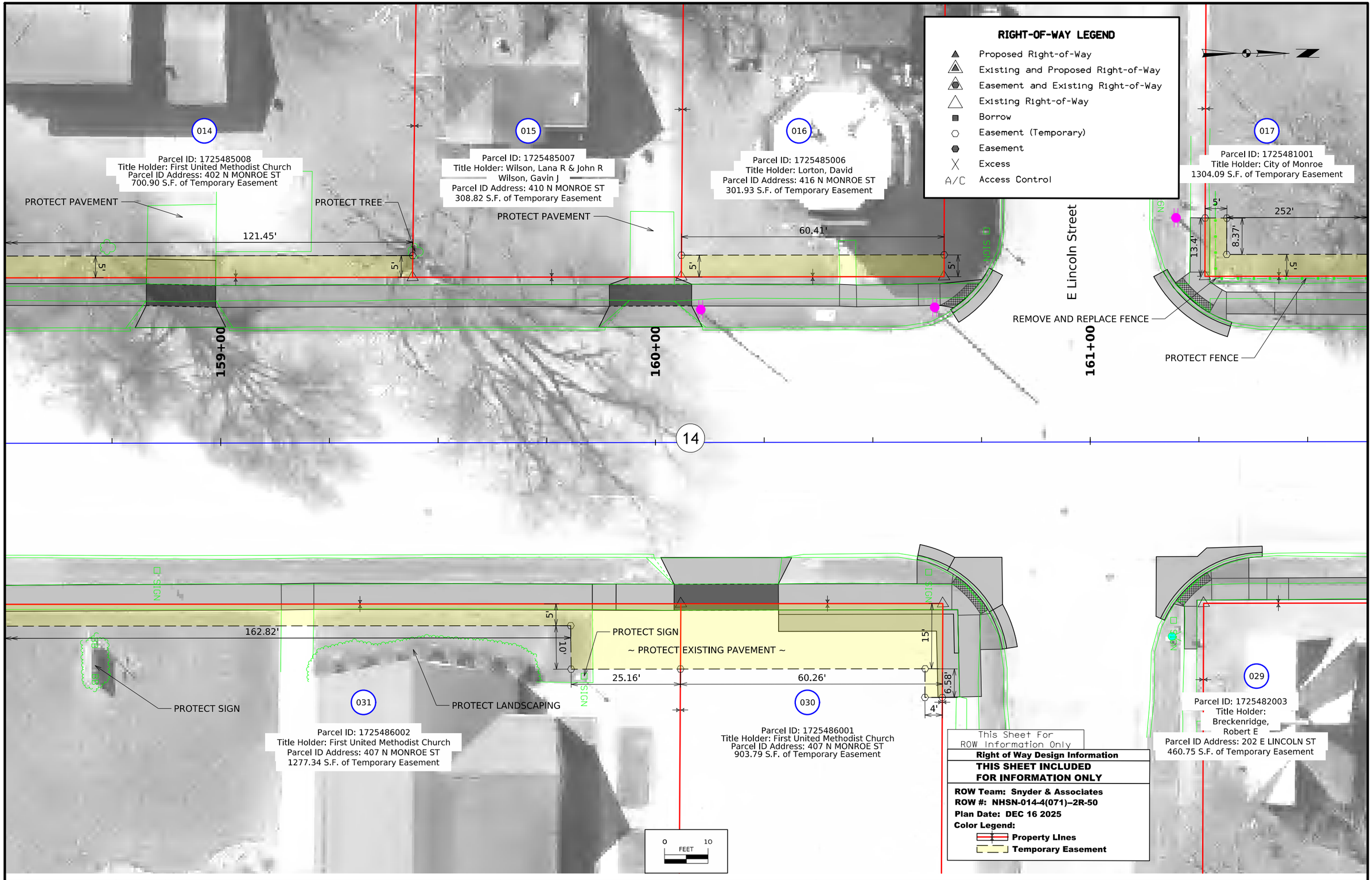
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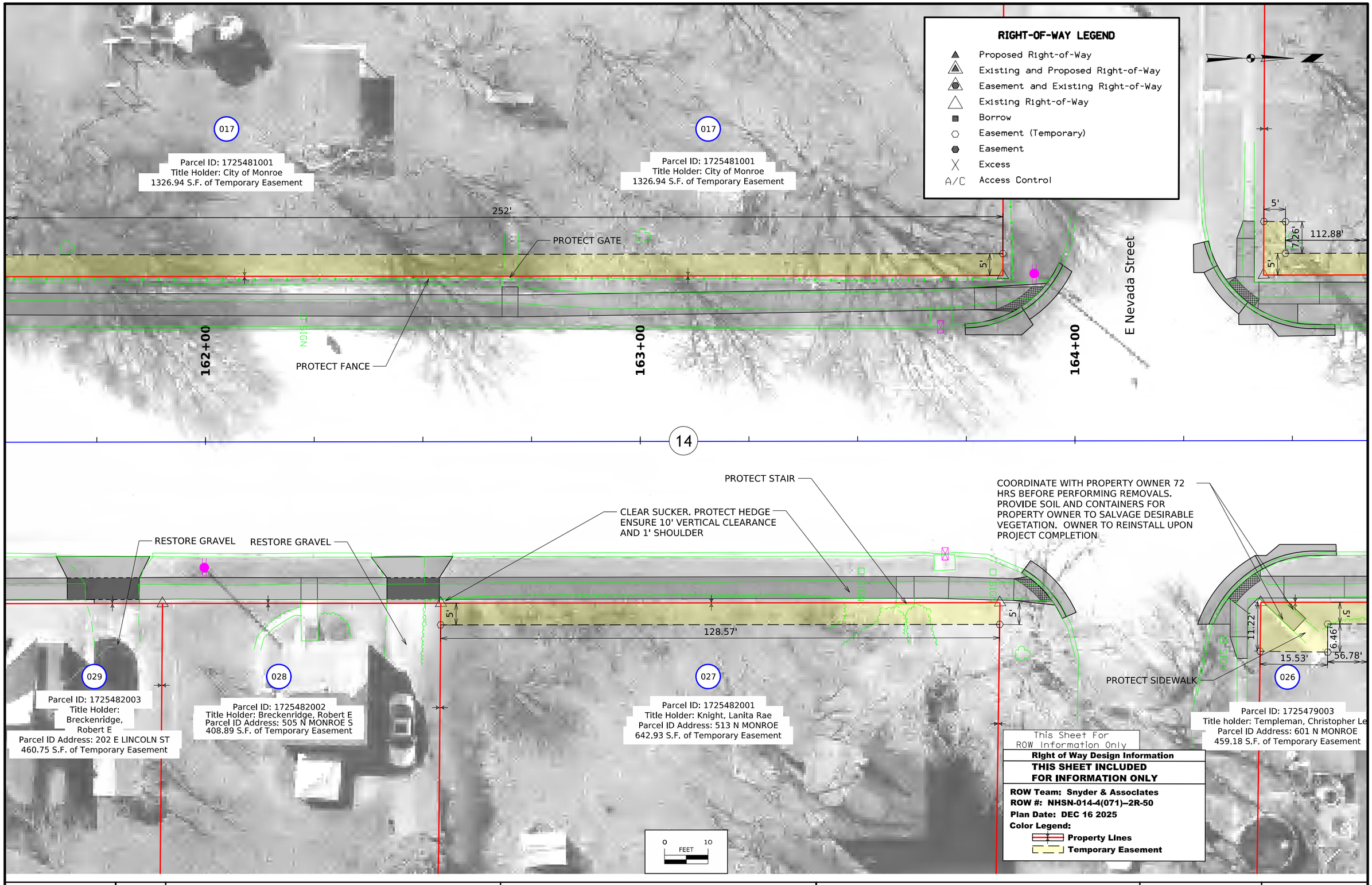
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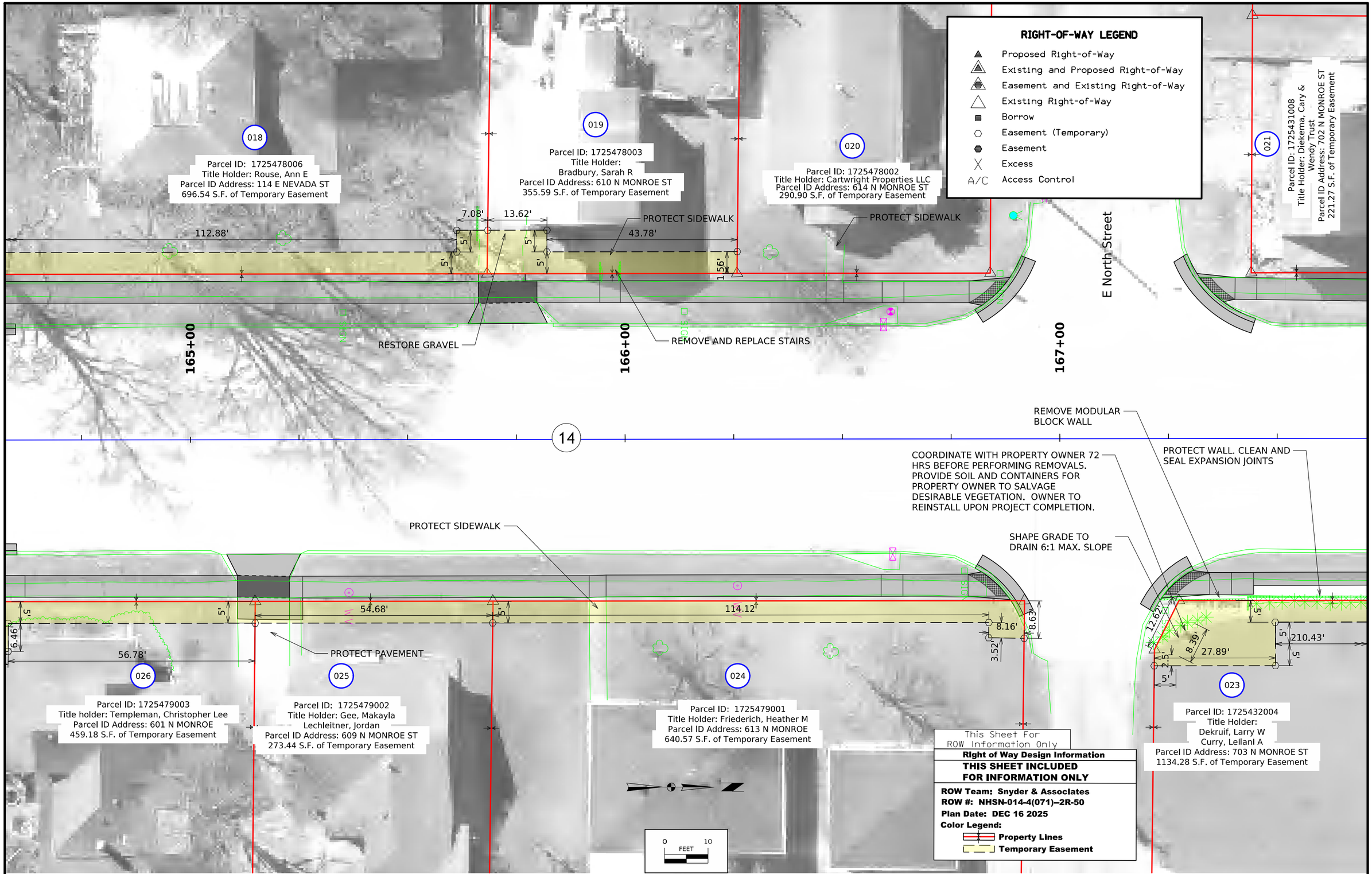
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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.11

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RIGHT-OF-WAY LEGEND

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

021

Parcel ID: 1725431008
Title Holder: Diekema, Cary & Wendy Trust
Parcel ID Address: 702 N MONROE ST
221.27 S.F. of Temporary Easement

168+00

169+00

PC 169+90.83

170+00

14

REMOVE AND REPLACE RETAINING WALL

PROTECT WALL. CLEAN AND SEAL EXPANSION JOINTS

PROTECT STAIRS AND RAILING

E Grant Street

210.43'

60.65'

5'

15'

5'

CLEAR VEGETATION

023

Parcel ID: 1725432004
Title Holder:
Dekruif, Larry W
Curry, Leilani A
Parcel ID Address: 703 N MONROE ST
1134.28 S.F. of Temporary Easement

022

Parcel ID: 1725432001
Title Holder: Onstoff, Sher R
Parcel ID Address: 713 N MONROE ST
303.30 S.F. of Temporary Easement

0 10 FEET

This Sheet For ROW Information Only

Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: Snyder & Associates
ROW #: NHSN-014-4(071)–2R-50
Plan Date: DEC 16 2025
Color Legend:
Property LIne
Temporary Easement

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER H.13

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CROSS SECTION VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

SHADING	Design Color No.	
Green, Light	(225)	Existing Pavement Shading
Gray, Light	(48)	Previously Constructed Pavement Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Pavement Shading
Lavender	(9)	Temporary Pavement Shading
Brown, Med	(237)	Future Proposed Pavement Shading

CROSS SECTION VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

	Pavement Removal		Proposed Granular Shoulder
	Proposed Granular Subbase		Temporary Shoulder
	Proposed Special Backfill		Existing Shoulder Strengthening
	Temporary Barrier Rail		Permanent Barrier Rail
			Channelizing Device

PLAN VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Topographic Features and Labels
Magenta	(5)	Pavement Marking Call Outs
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Yellow	(4)	Pavement Markings, Yellow
Off White	(254)	Pavement Markings, White
Violet	(15)	Temporary barrier rail, Unpinned
Flush Orange	(228)	Temporary barrier rail, Pinned

SHADING	Design Color No.	
Green, Light	(225)	Existing Pavement Shading
Gray, Light	(48)	Previously Constructed Pavement Shading
Orange	(6)	Proposed Granular Surface Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Pavement Shading
Pink, Dark	(13)	Temporary Pavement Shading
Brown, Light	(236)	Proposed Grading Limits Shading
Cyan	(7)	Proposed MSE or CIP Wall Shading
Red	(3)	Proposed Bridge Shading and Sign Trusses
Black w/Gray, Light Fill	(0,48)	Previously Constructed Structure

PLAN VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

	Channelizing Device		Crash Cushion (Temp or Perm)
	Drum		Traffic Signal
	Temporary Lane Separator		Flagger
	Tubular Marker		Temporary Floodlighting
	Channelizer Marker		Traffic Sign
	Concrete Barrier Marker		Type III Barricade
	Delineator		Type A Warning Light
	Temporary Barrier Rail		Direction of Traffic
	Pavement Removal		Safety Closure
	Sand Barrel Layout	1	Lane Identification
	Temporary Shoring		

NOTE: Device spacing according to Standard Road Plans unless specifically dimensioned.

TRAFFIC CONTROL AND STAGING LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES J)

108_23A
8/15/22

TRAFFIC CONTROL PLAN

1. IA 14 will remain open to traffic throughout construction.
2. Coordinate work with adjacent businesses.
3. Driveways to individual properties may be closed as necessary from reconstruction. An alternate path to access the property must be provided during driveway construction.
4. Lane and/or shoulder closures as necessary shall be per the TC- series of Standard Road Plans referenced elsewhere in these plans.

108_26A
8/15/22

STAGING NOTES

Coordinate with all land owners before attempting reconstruction of driveways.

Comply with Standard Roads Plan TC-1 and TC-419 during construction.

During construction the Contractor shall be aware that 416 N Monroe St. (50-00584) is eligible for listing on the National Register of Historic Places. When construction work is being completed in proximity to this structure, 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.

During construction the driveways at 416 S Monroe St. (Parcells 48 to 50) all cannot be reconstructed at the same time but must be phased during construction.

During construction the driveways at 302 S Monroe St (Parcels 46 and 47) must be phased. One part of the driveway must be open to truck traffic during construction

The contractor may not close both driveways at 106 S Monroe St (Parcel 42) at the same time.

Coordinate with the City of Monroe on Parcel 39 at the fire station. Keep at least 1 Fire Station Garage bay open.

Construction must be contained in a two-block area on the same side of the road. Once a site is open continue to install proposed improvements and do not move the adjacent sites until work is substantially complete.

Coordinated entry closures with impacted residents and businesses. Stage driveway construction as indicated in J sheets. Use of maintenance mix shall be allowed in driveways and roadway patches at the Contractor’s discretion at no additional cost to the contracting authority. Install temporary granular material as needed to accommodate emergency services and special deliveries.

Install sidewalk closed signs on either side of the work area and adjust them throughout the duration of the project.

Pedestrian Closure includes closures on side streets and across traveled way inside a two block area.

113_02
8/15/22

PEDESTRIAN PATH CLOSURES

Refer to TC-601.

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

Line No.	Location	Side	Width of Closure (FT)	Type III Barricades* (No.)	Remarks
1.0	Continuous, Both Sides			10	10 signs max required.

Business 163

1484+00

1485+00

135+00

136+00

137+00

14

STAGE CONSTRUCTION.
ENSURE CONTINUOUSE ACCESS

STAGE CONSTRUCTION.
ENSURE CONTINUOUSE ACCESS

0 20
FEET

LEGEND:
STAGE 1
STAGE 2

Mills Street

138+00

139+00

140+00

141+00

142+00

143+00

14

STAGE CONSTRUCTION.
ENSURE CONTINUOUSE ACCESS

STAGE CONSTRUCTION.
ENSURE CONTINUOUSE ACCESS

STAGE CONSTRUCTION.
ENSURE CONTINUOUSE ACCESS

0 20
FEET

LEGEND:
STAGE 1
STAGE 2

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER J.5

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144+00
145+00
American Street
146
147
148+0
E Marion Street
149+00
14
14
0 20
FEET
LEGEND:
STAGE 1
STAGE 2
Sta. 151+75.17
Start STY6
150+00
151+00
Washington Street
152
153
154+
E Iowa Street
15
Sta. 152+00
Stop STY6
14
14
STAGE CONSTRUCTION.
ENSURE CONTINUOUSE ACCESS
0 20
FEET
LEGEND:
STAGE 1
STAGE 2

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER J.6

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E Franklin Street

E Lincoln Street

156+

157+

158+00

159+

160

161+00

14

CLW6

0 20 FEET

LEGEND:

STAGE 1

STAGE 2

E Nevada Street

E North Street

162+ 0

163+ 0

164+00

165+ 0

166+

167+00

14

0 20 FEET

LEGEND:

STAGE 1

STAGE 2

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER J.7

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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER J.8	

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EROSION CONTROL FOR INTAKE OR MANHOLE WELL

Possible Standard Road Plan : EC-603

Line No.	Location Station	Side	Cover Assembly Type	Quantity (EA)	Remarks
1.0	1485+48.28	Left	Installation	1	
2.0	1485+48.28	Left	Maintenance	1	
3.0	1485+48.28	Left	Removal	1	
4.0	1485+53.20	Left	Installation	1	
5.0	1485+53.20	Left	Maintenance	1	
6.0	1485+53.20	Left	Removal	1	
7.0	144+88.93	Right	Installation	1	
8.0	144+88.93	Right	Maintenance	1	
9.0	144+88.93	Right	Removal	1	

TOTAL:
INSTALLATION: 3
MAINTAINANCE: 3
REMOVAL: 3

PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE

Possible Standards: EC-204

Line No.	Station From	Station To	Side	Sediment Control Device Type	Diameter Size	Length (LF)	Remarks
1.0	1482+47.90	1482+92.27	Left	Ditch Check	12 inch	50.00	
2.0	1482+11.54	1482+88.14	Right	Ditch Check	12 inch	80.00	
3.0	1483+74.39	135+30.63	Right	Perimeter and Slope	12 inch	270.50	
4.0	1483+88.19	1485+10.74	Left	Perimeter and Slope	12 inch	130.00	
5.0	135+73.39	135+81.64	Right	Perimeter and Slope	12 inch	10.00	
6.0	136+22.74	136+73.73	Right	Perimeter and Slope	12 inch	60.00	
7.0	137+62.86	138+43.09	Right	Perimeter and Slope	12 inch	90.00	
8.0	140+59.74	141+01.06	Right	Perimeter and Slope	12 inch	50.00	
9.0	142+20.00	144+71.28	Right	Perimeter and Slope	12 inch	260.00	
10.0	145+28.35	145+33.39	Left	Perimeter and Slope	12 inch	20.00	
11.0	145+45.40	145+98.11	Left	Perimeter and Slope	12 inch	60.00	
12.0	145+46.00	146+47.99	Right	Perimeter and Slope	12 inch	110.00	
13.0	146+32.22	146+54.71	Left	Perimeter and Slope	12 inch	30.00	
14.0	147+26.96	147+83.15	Right	Perimeter and Slope	12 inch	60.00	
15.0	148+41.97	149+16.63	Right	Perimeter and Slope	12 inch	80.00	
16.0	149+48.04	149+76.99	Right	Perimeter and Slope	12 inch	30.00	
17.0	150+76.08	151+22.81	Right	Perimeter and Slope	12 inch	50.00	
18.0	151+87.48	152+21.80	Right	Perimeter and Slope	12 inch	40.00	
19.0	151+99.54	152+95.49	Left	Perimeter and Slope	12 inch	100.00	
20.0	152+67.84	153+09.93	Right	Perimeter and Slope	12 inch	50.00	
21.0	153+24.04	153+32.34	Left	Perimeter and Slope	12 inch	10.00	
22.0	153+34.87	153+69.63	Right	Perimeter and Slope	12 inch	40.00	
23.0	153+74.42	154+51.74	Left	Perimeter and Slope	12 inch	80.00	
24.0	153+90.19	154+51.71	Right	Perimeter and Slope	12 inch	70.00	
25.0	154+87.01	155+72.29	Left	Perimeter and Slope	12 inch	90.00	
26.0	154+88.34	155+60.39	Right	Perimeter and Slope	12 inch	80.00	
27.0	155+77.65	156+14.37	Right	Perimeter and Slope	12 inch	40.00	
28.0	155+96.05	156+19.51	Left	Perimeter and Slope	12 inch	30.00	
29.0	156+35.17	157+59.07	Left	Perimeter and Slope	12 inch	130.00	
30.0	156+36.43	157+59.27	Right	Perimeter and Slope	12 inch	130.00	
31.0	158+07.03	160+01.75	Right	Perimeter and Slope	12 inch	200.00	
32.0	158+08.68	158+80.39	Left	Perimeter and Slope	12 inch	80.00	
33.0	159+01.18	159+87.00	Left	Perimeter and Slope	12 inch	90.00	
34.0	160+10.80	160+68.56	Left	Perimeter and Slope	12 inch	60.00	
35.0	160+30.77	160+60.12	Right	Perimeter and Slope	12 inch	30.00	
36.0	161+14.74	161+65.62	Right	Perimeter and Slope	12 inch	60.00	
37.0	161+18.04	163+85.95	Left	Perimeter and Slope	12 inch	270.00	
38.0	161+87.15	162+38.06	Right	Perimeter and Slope	12 inch	60.00	
39.0	162+56.53	163+89.01	Right	Perimeter and Slope	12 inch	140.00	
40.0	164+30.63	165+08.34	Right	Perimeter and Slope	12 inch	80.00	
41.0	164+30.00	165+63.93	Left	Perimeter and Slope	12 inch	140.00	
42.0	165+25.28	166+81.95	Right	Perimeter and Slope	12 inch	160.00	
43.0	165+82.16	166+82.09	Left	Perimeter and Slope	12 inch	100.00	
44.0	167+21.51	169+41.61	Right	Perimeter and Slope	12 inch	230.00	
45.0	167+29.32	167+88.21	Left	Perimeter and Slope	12 inch	60.00	

INSTALL TOTAL: 4090.5 LF
REMOVAL TOTAL: 4090.5 LF

100_36
8/15/22

OPEN-THROAT CURB INTAKE SEDIMENT FILTER

Possible Standard: EC-602

Line No.	Station	Side	Installation (LF)	Maintenance (Each)	Removal (Each)	Remarks
1.0	1485+50.95	Right	8.2	1	1.0	
2.0	138+00.43	Right	8.8	1	1.0	
3.0	143+25.10	Right	8.6	1	1.0	
4.0	145+54.38	Left	4.7	1	1.0	
5.0	145+54.92	Right	4.5	1	1.0	
6.0	150+93.63	Right	4.9	1	1.0	
7.0	154+21.25	Left	5.0	1	1.0	
8.0	154+21.71	Right	4.7	1	1.0	
9.0	157+25.45	Left	8.4	1	1.0	
10.0	157+23.17	Right	9.4	1	1.0	
11.0	163+69.10	Left	5.3	1	1.0	
12.0	163+70.12	Right	4.8	1	1.0	
13.0	166+59.49	Left	16.6	1	1.0	
14.0	166+61.55	Right	14.8	1	1.0	
15.0	169+41.74	Right	17.1	1	1.0	

TOTALS:
INSTALLATION (LF): 125.8
MAINTENANCE (EACH): 15
REMOVAL (EACH): 15

TOPSOIL STRIPPING AND PLACEMENT

1.0	IA 14 MONROE ST	SB	1482+88.11	1483+32.48	4.0	4.0	
2.0	IA 14 MONROE ST	SB	1482+98.22	1483+47.04	4.0	4.0	
3.0	IA 14 MONROE ST	NB	1482+79.51	1482+97.17	4.0	4.0	
4.0	IA 14 MONROE ST	NB	1482+93.97	1483+24.73	4.0	4.0	
5.0	IA 14 MONROE ST	NB	1483+00.51	1483+25.52	4.0	4.0	
6.0	IA 14 MONROE ST	NB	1483+72.19	135+33.35	4.0	4.0	
7.0	IA 14 MONROE ST	NB	1483+73.27	135+33.20	4.0	4.0	
8.0	IA 14 MONROE ST	SB	1483+84.56	1485+14.74	4.0	4.0	
9.0	IA 14 MONROE ST	SB	1484+27.10	1485+14.95	4.0	4.0	
10.0	IA 14 MONROE ST	SB	1485+51.53	1485+63.03	4.0	4.0	
11.0	IA 14 MONROE ST	SB	1485+51.70	1485+64.63	4.0	4.0	
12.0	IA 14 MONROE ST	NB	136+20.32	136+76.21	4.0	4.0	
13.0	IA 14 MONROE ST	NB	137+60.34	138+48.42	4.0	4.0	
14.0	IA 14 MONROE ST	NB	137+60.32	138+59.60	4.0	4.0	
15.0	IA 14 MONROE ST	NB	138+93.48	139+93.37	4.0	4.0	
16.0	IA 14 MONROE ST	NB	139+03.75	139+93.38	4.0	4.0	
17.0	IA 14 MONROE ST	NB	140+58.66	141+03.56	4.0	4.0	
18.0	IA 14 MONROE ST	NB	142+17.60	144+79.09	4.0	4.0	
19.0	IA 14 MONROE ST	NB	142+17.59	144+88.35	4.0	4.0	
20.0	IA 14 MONROE ST	SB	145+25.51	145+33.39	4.0	4.0	
21.0	IA 14 MONROE ST	NB	145+43.30	146+50.47	4.0	4.0	
22.0	IA 14 MONROE ST	NB	145+83.38	146+27.32	4.0	4.0	
23.0	IA 14 MONROE ST	NB	146+32.65	146+50.50	4.0	4.0	
24.0	IA 14 MONROE ST	NB	146+58.89	146+74.32	4.0	4.0	
25.0	IA 14 MONROE ST	SB	145+37.33	145+99.11	4.0	4.0	
26.0	IA 14 MONROE ST	SB	145+43.15	146+00.61	4.0	4.0	
27.0	IA 14 MONROE ST	SB	146+29.73	146+57.22	4.0	4.0	
28.0	IA 14 MONROE ST	NB	146+58.88	146+74.32	4.0	4.0	
29.0	IA 14 MONROE ST	NB	147+22.47	147+60.27	4.0	4.0	
30.0	IA 14 MONROE ST	NB	147+31.11	147+92.13	4.0	4.0	
31.0	IA 14 MONROE ST	NB	148+39.03	148+51.80	4.0	4.0	
32.0	IA 14 MONROE ST	NB	148+45.42	148+70.54	4.0	4.0	
33.0	IA 14 MONROE ST	NB	148+55.83	149+19.06	4.0	4.0	
34.0	IA 14 MONROE ST	NB	148+74.32	149+18.84	4.0	4.0	
35.0	IA 14 MONROE ST	NB	149+43.50	149+81.48	4.0	4.0	
36.0	IA 14 MONROE ST	NB	150+73.58	151+22.81	4.0	4.0	
37.0	IA 14 MONROE ST	NB	151+86.39	152+24.30	4.0	4.0	
38.0	IA 14 MONROE ST	SB	151+99.54	152+98.08	4.0	4.0	
39.0	IA 14 MONROE ST	NB	152+65.36	153+12.52	4.0	4.0	
40.0	IA 14 MONROE ST	SB	153+21.54	153+35.18	4.0	4.0	
41.0	IA 14 MONROE ST	SB	153+71.90	154+34.57	4.0	4.0	
42.0	IA 14 MONROE ST	NB	153+87.69	154+39.39	4.0	4.0	
43.0	IA 14 MONROE ST	SB	154+44.81	154+51.71	4.0	4.0	
43.0	IA 14 MONROE ST	NB	154+47.16	154+54.23	4.0	4.0	
44.0	IA 14 MONROE ST	NB	154+90.45	154+99.64	4.0	4.0	
45.0	IA 14 MONROE ST	SB	154+86.65	154+97.06	4.0	4.0	
46.0	IA 14 MONROE ST	NB	155+02.52	155+27.10	4.0	4.0	
47.0	IA 14 MONROE ST	NB	155+03.07	155+62.81	4.0	4.0	
48.0	IA 14 MONROE ST	SB	155+01.98	155+74.81	4.0	4.0	
49.0	IA 14 MONROE ST	SB	155+00.40	155+39.11	4.0	4.0	
50.0	IA 14 MONROE ST	NB	155+29.74	155+53.44	4.0	4.0	
51.0	IA 14 MONROE ST	SB	155+42.14	155+75.31	4.0	4.0	
52.0	IA 14 MONROE ST	NB	155+57.02	155+62.80	4.0	4.0	
53.0	IA 14 MONROE ST	NB	155+74.96	156+16.77	4.0	4.0	
54.0	IA 14 MONROE ST	NB	155+75.05	156+16.78	4.0	4.0	
55.0	IA 14 MONROE ST	SB	155+93.56	156+22.02	4.0	4.0	
56.0	IA 14 MONROE ST	SB	155+93.57	156+22.04	4.0	4.0	

103_10
4/30/25

TOPSOIL STRIPPING AND PLACEMENT

Line No.	Road Identification	Dir. of Traffic	Station From	Station To	Topsoil Stripping Thickness (IN)	Topsoil Placement Thickness (IN)	Remarks
57.0	IA 14 MONROE ST	SB	156+32.68	157+59.07	4.0	4.0	
58.0	IA 14 MONROE ST	SB	156+32.69	156+52.74	4.0	4.0	
59.0	IA 14 MONROE ST	NB	156+33.98	157+59.27	4.0	4.0	
60.0	IA 14 MONROE ST	NB	156+41.23	157+21.97	4.0	4.0	
61.0	IA 14 MONROE ST	SB	156+58.18	157+18.87	4.0	4.0	
62.0	IA 14 MONROE ST	SB	157+23.09	157+68.04	4.0	4.0	
63.0	IA 14 MONROE ST	NB	157+26.98	157+69.55	4.0	4.0	
64.0	IA 14 MONROE ST	SB	158+05.49	158+13.98	4.0	4.0	
65.0	IA 14 MONROE ST	NB	158+06.54	158+12.01	4.0	4.0	
66.0	IA 14 MONROE ST	SB	158+17.64	158+83.03	4.0	4.0	
67.0	IA 14 MONROE ST	SB	158+22.24	158+82.91	4.0	4.0	
68.0	IA 14 MONROE ST	NB	158+15.49	159+13.91	4.0	4.0	
69.0	IA 14 MONROE ST	NB	158+21.59	160+04.23	4.0	4.0	
70.0	IA 14 MONROE ST	SB	158+98.91	159+89.42	4.0	4.0	
71.0	IA 14 MONROE ST	SB	158+98.90	159+94.17	4.0	4.0	
72.0	IA 14 MONROE ST	NB	159+21.37	159+85.42	4.0	4.0	
73.0	IA 14 MONROE ST	SB	160+04.36	160+42.52	4.0	4.0	
74.0	IA 14 MONROE ST	SB	160+08.38	160+68.56	4.0	4.0	
75.0	IA 14 MONROE ST	SB	160+46.15	160+78.10	4.0	4.0	
75.0	IA 14 MONROE ST	NB	161+84.73	162+41.68	4.0	4.0	
76.0	IA 14 MONROE ST	NB	160+74.68	160+80.01	4.0	4.0	
77.0	IA 14 MONROE ST	NB	160+28.25	160+60.05	4.0	4.0	
78.0	IA 14 MONROE ST	NB	161+14.97	161+21.57	4.0	4.0	
79.0	IA 14 MONROE ST	SB	161+14.39	161+23.01	4.0	4.0	
80.0	IA 14 MONROE ST	SB	161+27.49	162+68.25	4.0	4.0	
81.0	IA 14 MONROE ST	NB	161+24.46	161+74.35	4.0	4.0	
82.0	IA 14 MONROE ST	NB	161+36.45	161+68.14	4.0	4.0	
83.0	IA 14 MONROE ST	SB	161+31.36	163+85.95	4.0	4.0	
84.0	IA 14 MONROE ST	NB	161+84.73	162+41.68	4.0	4.0	
85.0	IA 14 MONROE ST	NB	161+84.75	162+21.90	4.0	4.0	
86.0	IA 14 MONROE ST	NB	162+25.70	162+41.68	4.0	4.0	
87.0	IA 14 MONROE ST	NB	162+53.77	163+89.01	4.0	4.0	
88.0	IA 14 MONROE ST	NB	162+53.77	163+98.21	4.0	4.0	
89.0	IA 14 MONROE ST	SB	164+30.05	164+38.76	4.0	4.0	
90.0	IA 14 MONROE ST	NB	164+29.92	164+37.20	4.0	4.0	
91.0	IA 14 MONROE ST	SB	164+41.28	165+66.12	4.0	4.0	
92.0	IA 14 MONROE ST	SB	164+51.25	165+66.29	4.0	4.0	
93.0	IA 14 MONROE ST	NB	164+39.61	164+50.22	4.0	4.0	
94.0	IA 14 MONROE ST	NB	164+48.02	165+10.80	4.0	4.0	
95.0	IA 14 MONROE ST	NB	165+22.79	166+82.13	4.0	4.0	
96.0	IA 14 MONROE ST	NB	164+47.97	165+10.80	4.0	4.0	
97.0	IA 14 MONROE ST	NB	164+42.56	165+10.80	4.0	4.0	
98.0	IA 14 MONROE ST	NB	165+25.80	165+91.72	4.0	4.0	
99.0	IA 14 MONROE ST	NB	165+95.61	166+91.31	4.0	4.0	
100.0	IA 14 MONROE ST	NB	165+22.79	166+82.13	4.0	4.0	
101.0	IA 14 MONROE ST	SB	165+77.06	165+94.25	4.0	4.0	
102.0	IA 14 MONROE ST	SB	165+79.79	166+82.09	4.0	4.0	
103.0	IA 14 MONROE ST	SB	165+98.91	166+46.28	4.0	4.0	
104.0	IA 14 MONROE ST	SB	166+50.36	166+91.30	4.0	4.0	
105.0	IA 14 MONROE ST	SB	167+29.04	167+88.40	4.0	4.0	
106.0	IA 14 MONROE ST	SB	167+37.63	167+88.30	4.0	4.0	
107.0	IA 14 MONROE ST	NB	167+21.51	169+24.71	4.0	4.0	
108.0	IA 14 MONROE ST	NB	167+30.53	169+43.62	4.0	4.0	
109.0	IA 14 MONROE ST	NB	169+28.76	169+72.43	4.0	4.0	

TOTAL: 2213.6 SY

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.

110_12
1/13/23

POLLUTION PREVENTION PLAN

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 sidewalks along IA 14 in the City of Monroe.

B. This PPP covers approximately 1 acre with an estimated 0.94 acres being disturbed. The portion of the PPP covered by this contract has 0.94 acres disturbed.

C. The PPP is located in an area of 1 soil association 17. The estimated weighted average runoff coefficient number for this PPP after completion will be 0.67.

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

E. The base storm water site map is amended by contract modifications and progress payments (fieldbook entries) of completed erosion control work. Also, due to project phasing, erosion and sediment controls shown on project plans may not be installed until needed, based on site conditions. For example, silt fence ditch checks will typically not be installed until the ditch has been 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 Brush Creek and Buck 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.

POLLUTION PREVENTION PLAN

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.

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

110_12
1/13/23

POLLUTION PREVENTION PLAN

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

Spencer Wignall
Printed or Typed Name

Signature

Printed or Typed Name

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
6 FT	Erosion Control for Rectangular Intake or Manhole Well
12 FT	Grate Intake Sediment Filter Bag
	Silt Basin
18 FT	Silt Fence Tail
	Stormwater Drainage Basin Discharge Point
30 FT	

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		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

Business 163

1483+00

1484+00

1485+00

14

SOD

SIGN

F03

F02

F014

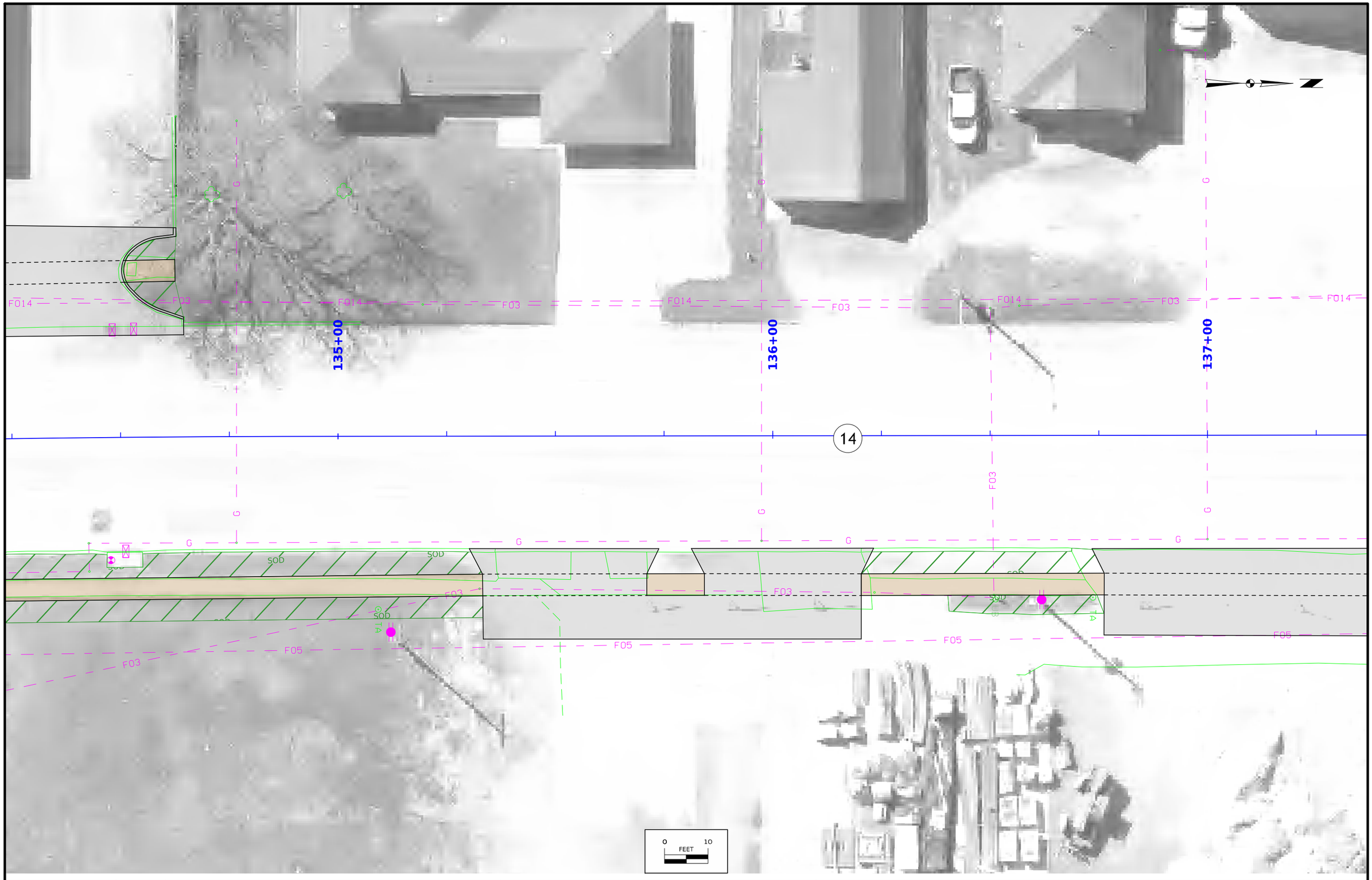
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Mills Street

138+00

139+00

140+00

14

INSTALL OPEN THROAT CURB INTAKE
SEDIMENT FILTER, EC-602

SOD

F05

F03

F02

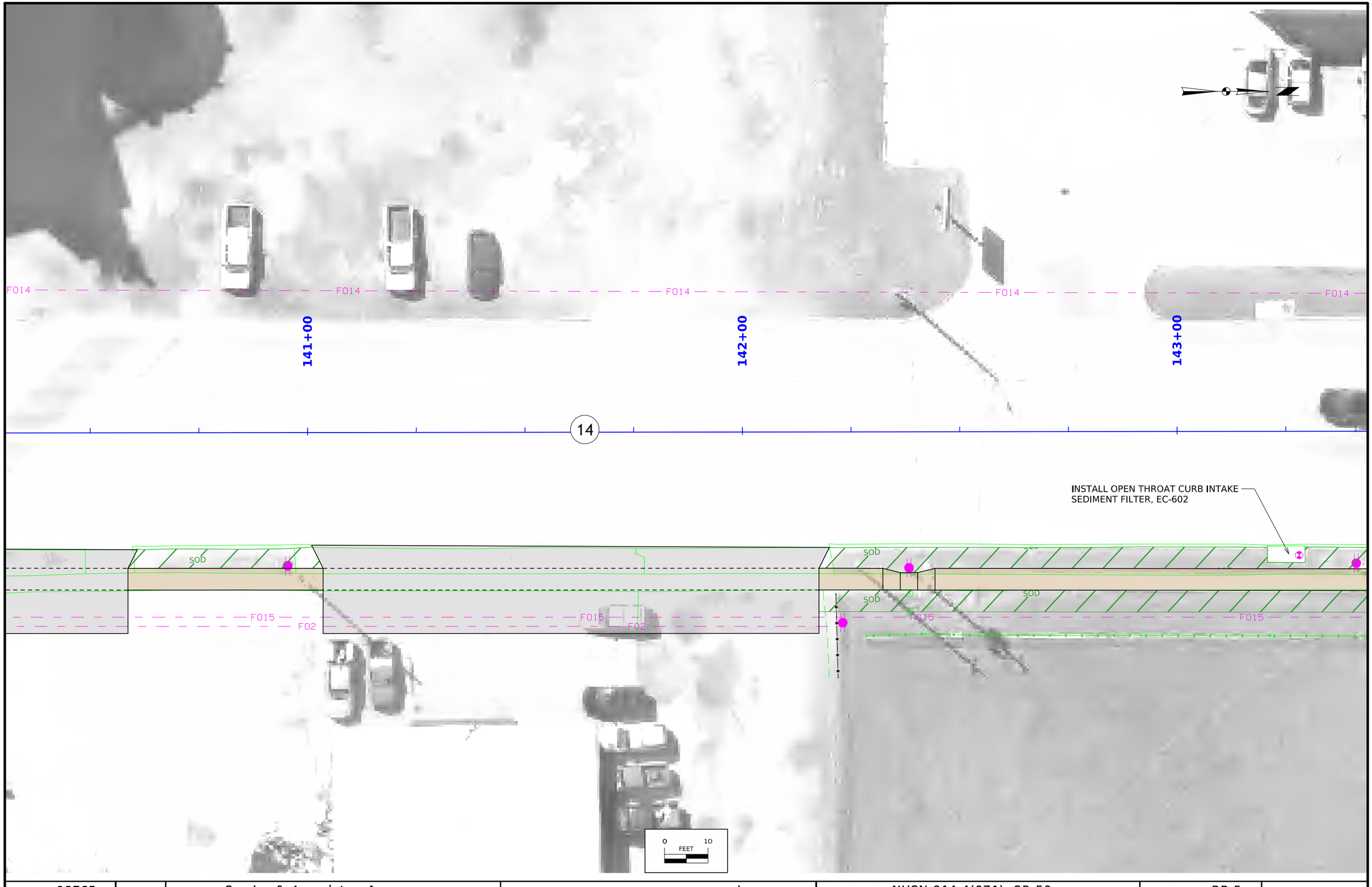
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American Street

144+00

145+00

146+00

14

INSTALL GRADE INTAKE
PROTECTION EC-604

INSTALL OPEN THROAT CURB INTAKE
SEDIMENT FILTER, EC-602

SOD

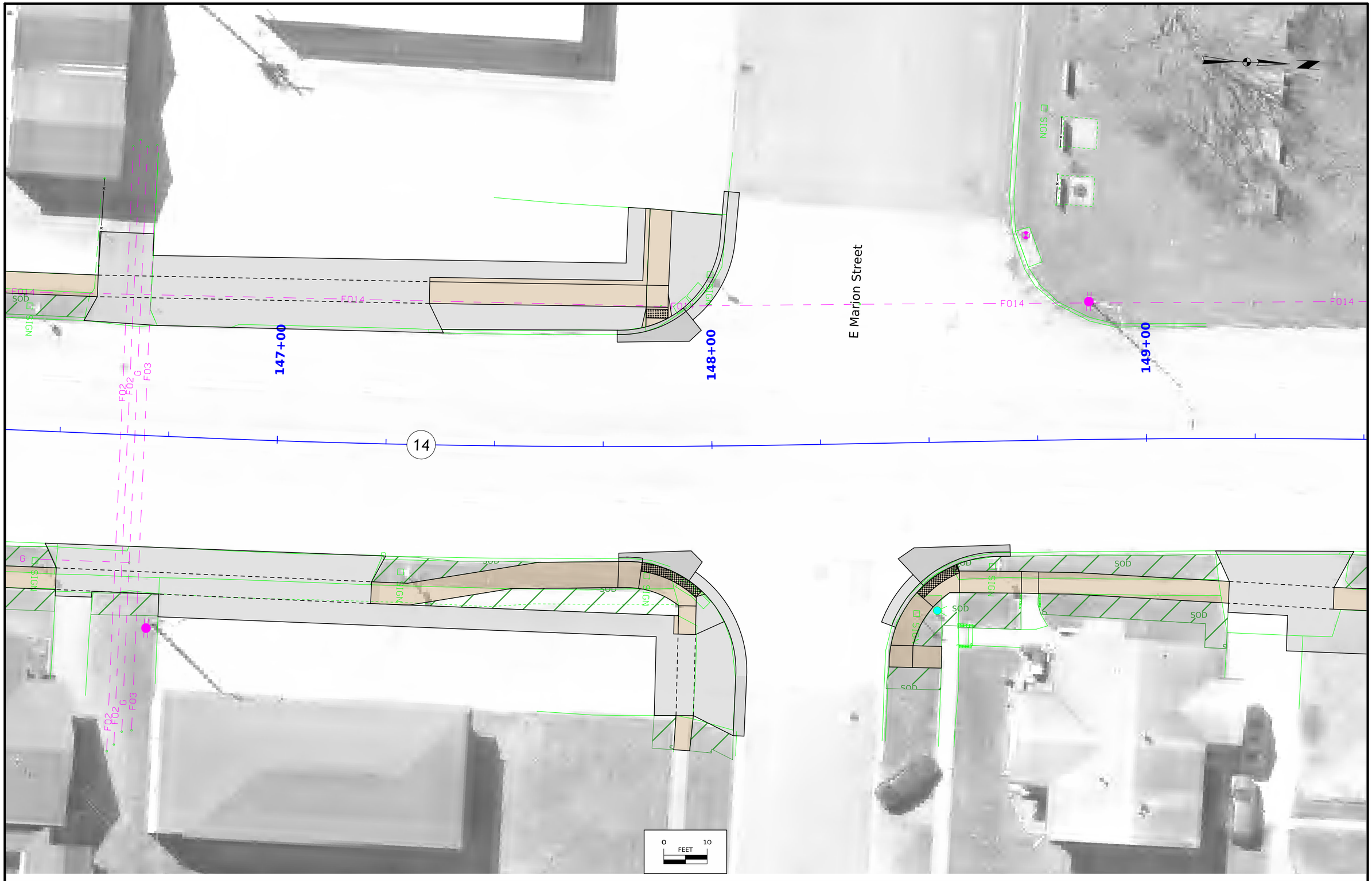
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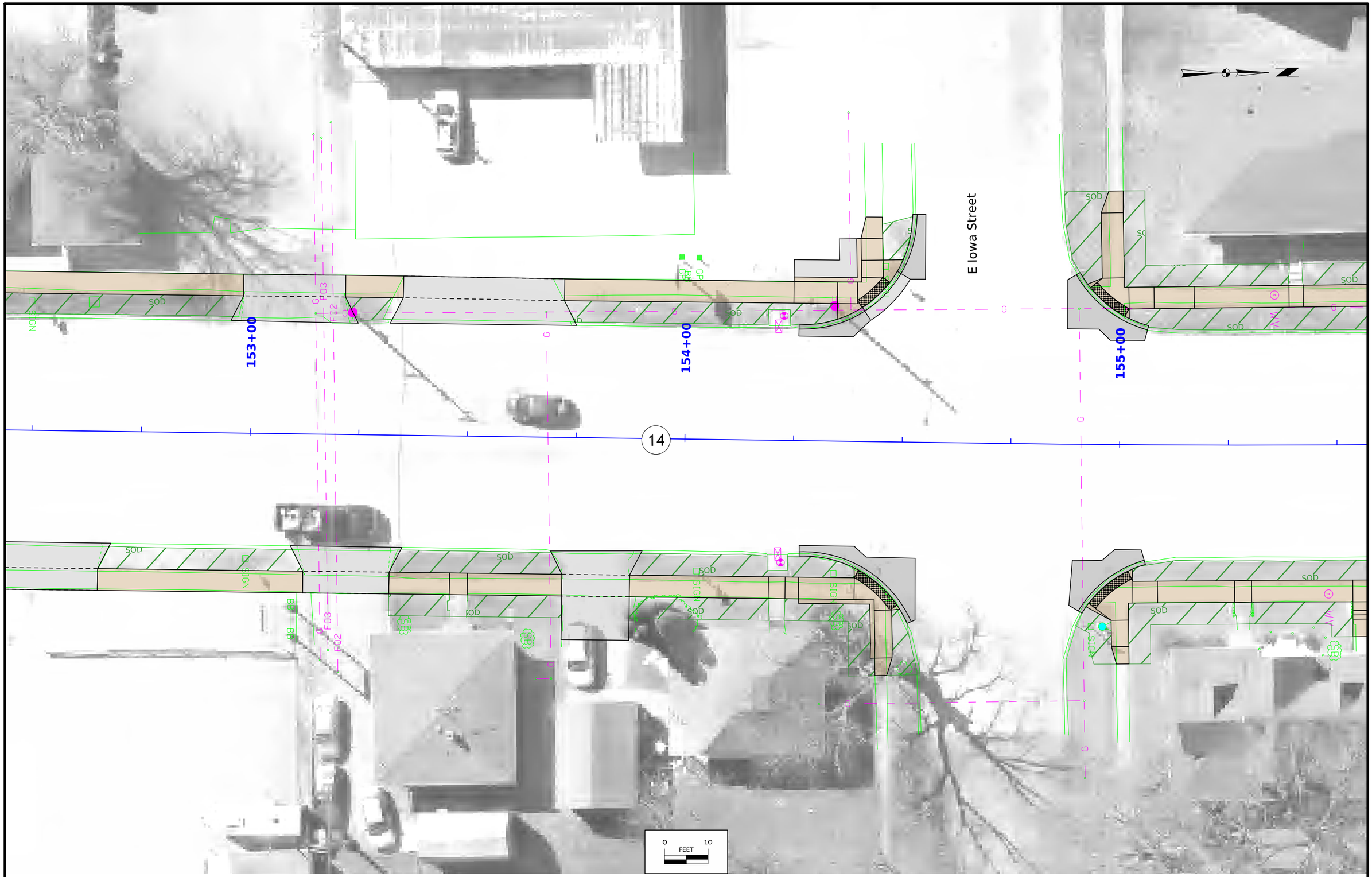


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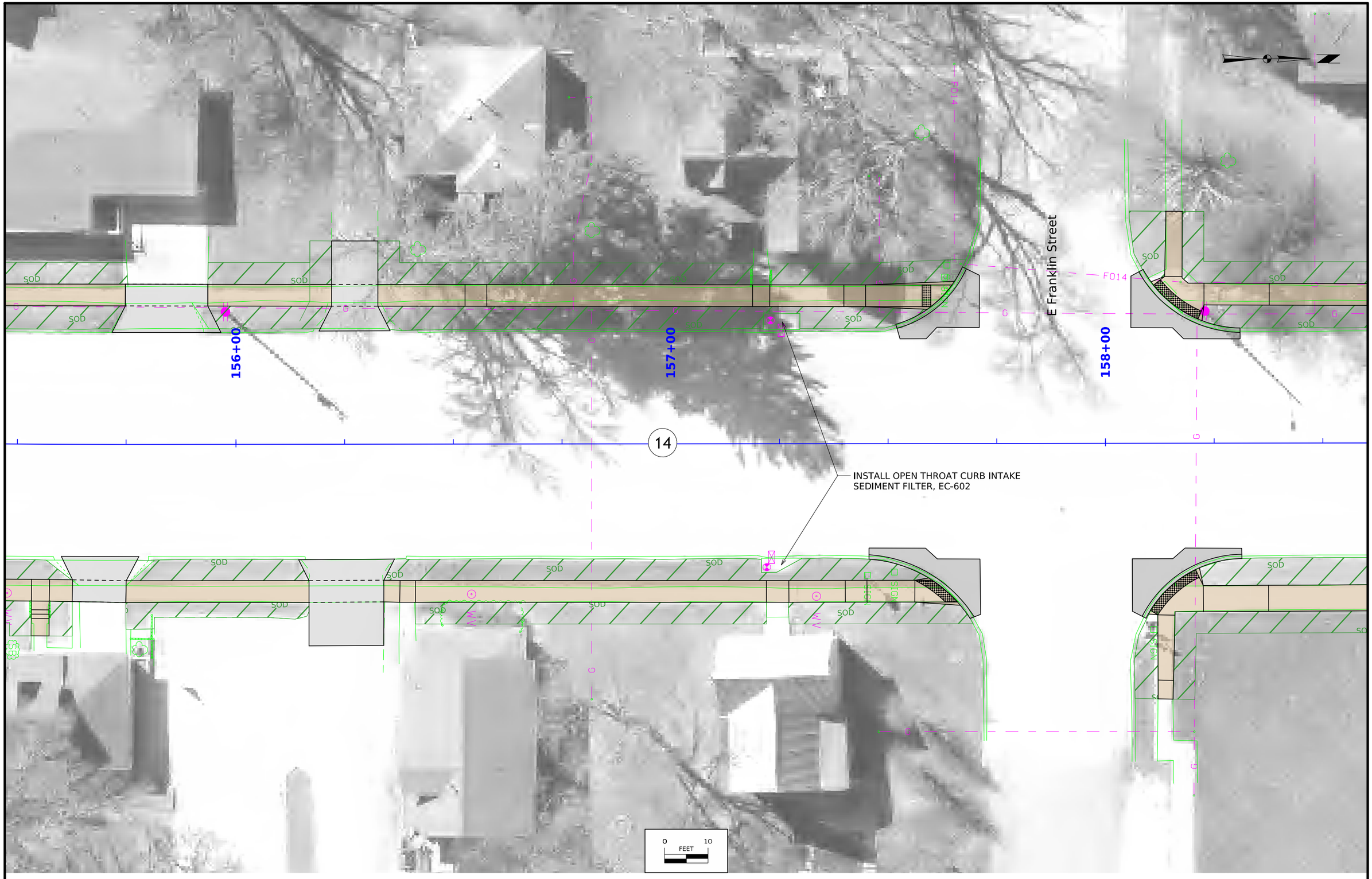
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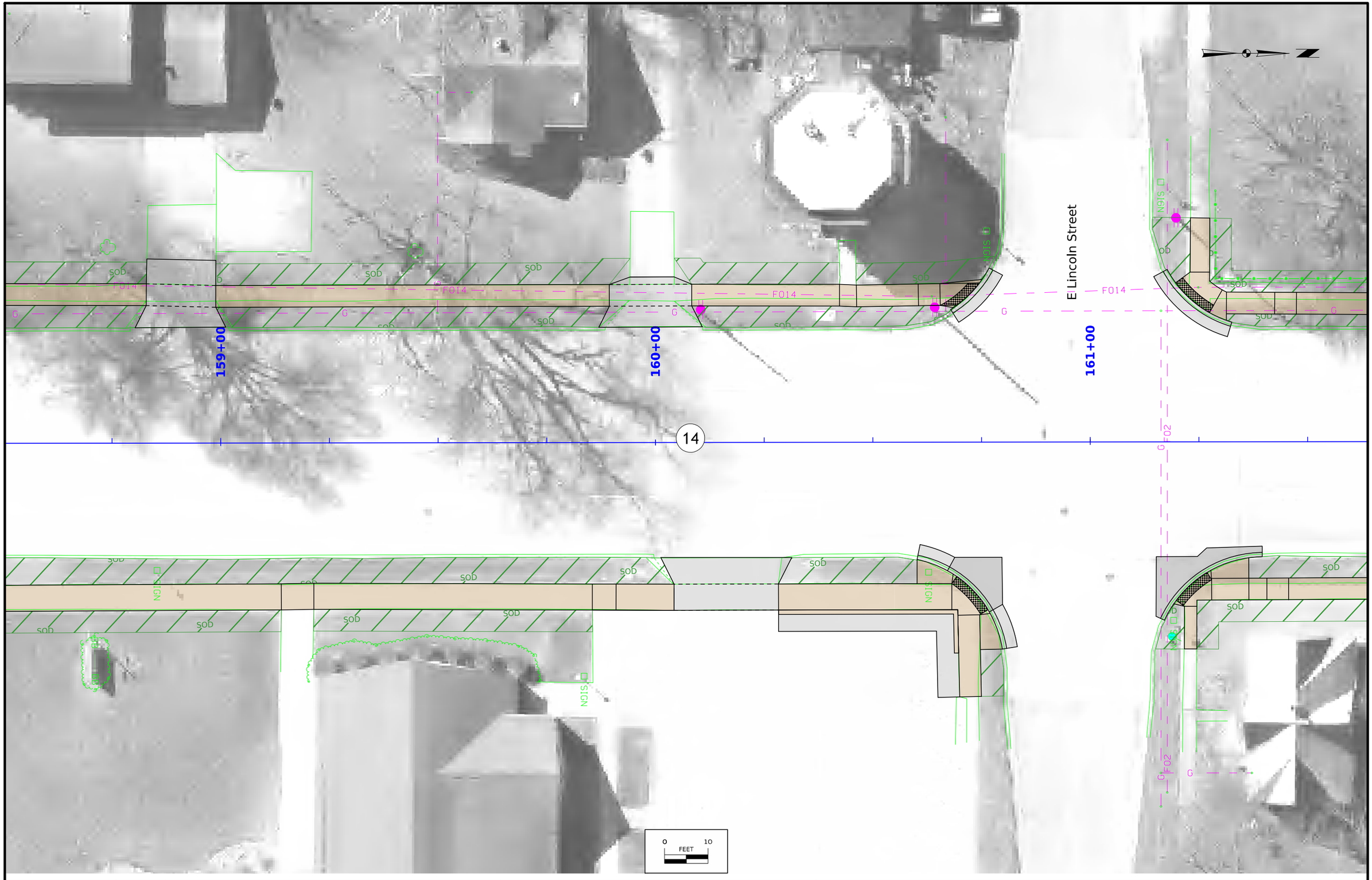
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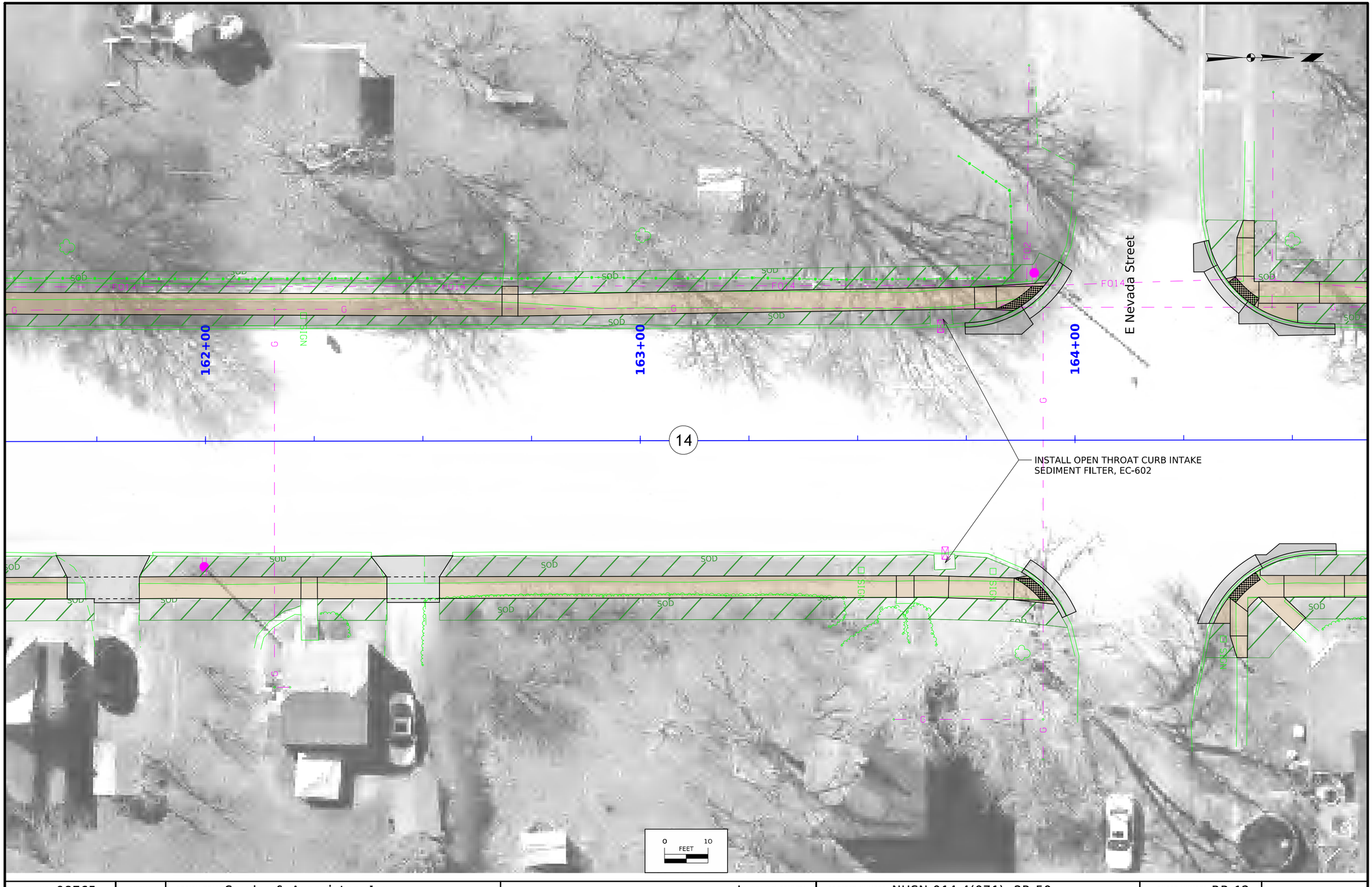
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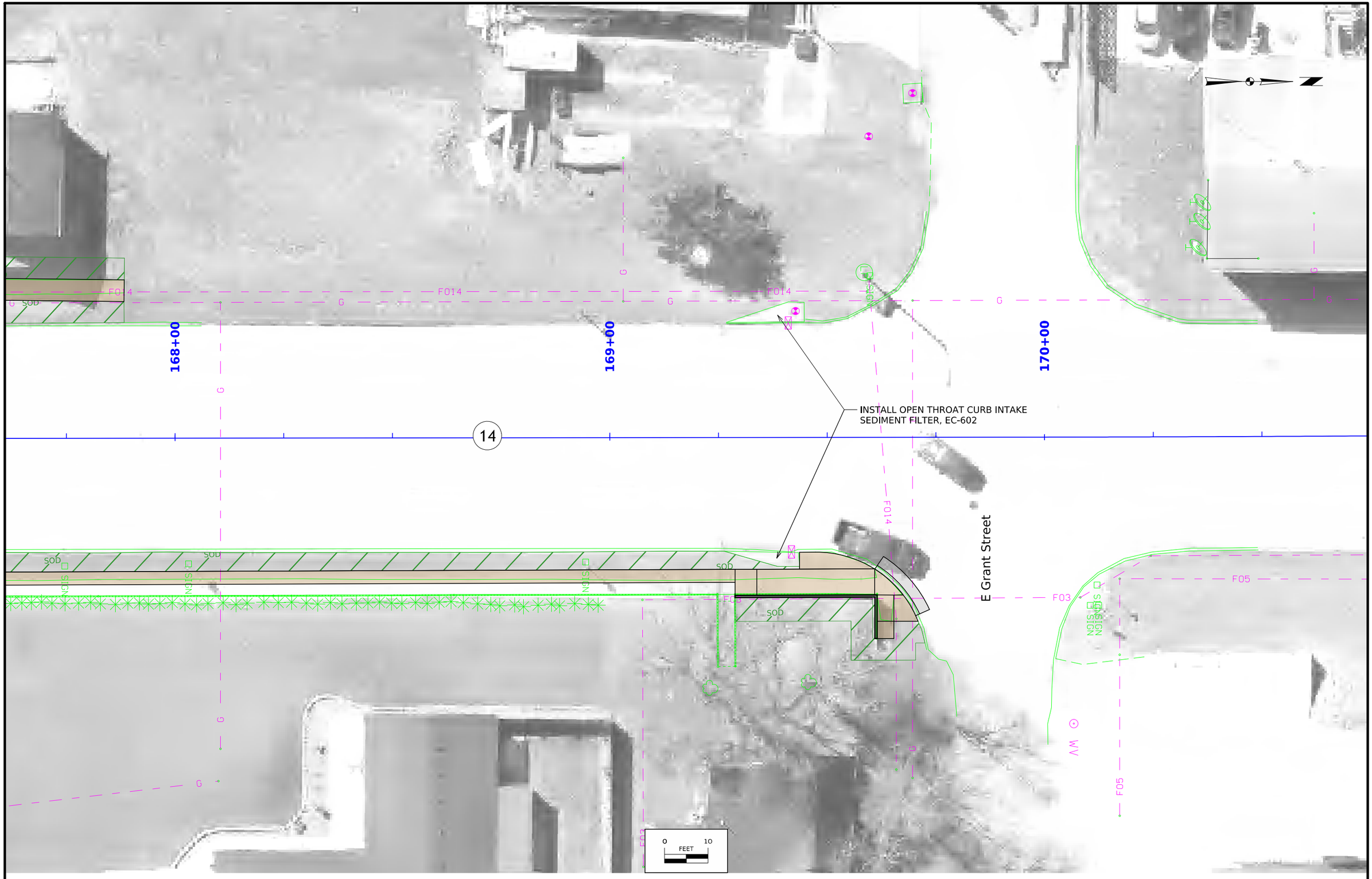


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SURVEY SYMBOLS

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

UTILITY LEGEND

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.		
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities

SHADING	Design Color No.		Transparency
Tan	(8)	Proposed Sidewalk Shading	50%
Blue, Light	(230)	Proposed Sidewalk Landing Shading	50%
Pink	(11)	Proposed Sidewalk Ramp Shading	50%
Magenta	(5)	Detectable Warning	0%
Yellow	(4)	Highlight for Critical Notes or Features	0%
Red	(3)	Delineates Restricted Areas	0%
Lavender	(9)	Temporary Pavement Shading	0%
Yellow	(4)	Proposed Pavement Shading	0%
Orange	(6)	Proposed Granular Shading	0%
Purple	(15)	Proposed Grade and Pave Shading	0%
Brown, Light	(236)	Grading Shading	0%

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

RIGHT-OF-WAY LEGEND

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

SIDEWALK LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES S)

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.1

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SIGN

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SIGN

SIGN

Business 163

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W2-102

W2-104

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W2-112

W2-113

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W2-111

W2-114

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W2-209

W2-208

W2-211

W2-212

W2-213

W2-218

W2-214

W2-207

W2-203

W2-206

W2-215

W2-202

W2-201

W2-204

W2-216

W2-219

W2-205

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W2-218

W2-222

W2-220

W2-223

W2-221

SIGN

W2-224

W2-225

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.2	

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SIDEWALK COMPLIANCE

See S Sheets

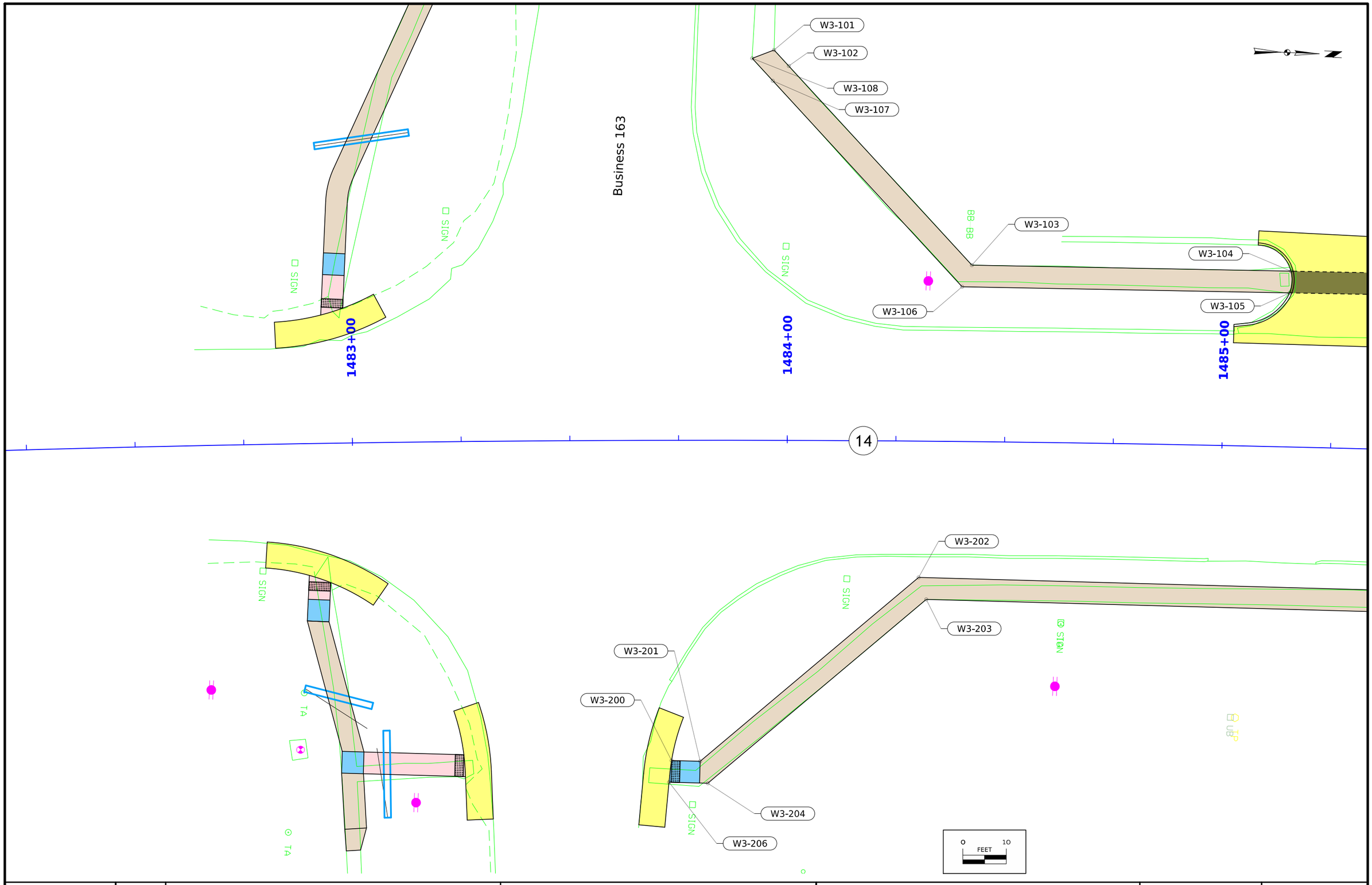
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W2-101	W2-102	Ramp Running Slope	6	7.51	0.49	-6.5	0.5% to 8.3%				
IA 14/MONROE ST	W2-101	W2-114	Ramp Cross Slope	6	5.00	0.03	-0.6	0.1% to 2.0%				
IA 14/MONROE ST	W2-101	W2-115	Crosswalk Cross Slope - No Yield Condition	6	5.31	-0.02	0.4	0.0% to 5.0%				
IA 14/MONROE ST	W2-102	W2-113	Landing/Turning Space	4	5.00	0.08	-1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-103	W2-102	Landing/Turning Space	4	5.00	-0.08	1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-103	W2-112	Landing/Turning Space	4	5.00	0.08	-1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-103	W2-104	Sidewalk Running Slope	4	23.35	0.62	-2.7	0.5% to 5.0%				
IA 14/MONROE ST	W2-104	W2-105	Landing/Turning Space	4	5.00	0.07	-1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-104	W2-111	Landing/Turning Space	4	5.00	0.07	-1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-105	W2-110	Landing/Turning Space	4	5.00	0.07	-1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-105	W2-106	Sidewalk Running Slope	4	70.54	-0.15	0.2	0.5% to 5.0%				Match general street grade
IA 14/MONROE ST	W2-106	W2-109	Sidewalk Cross Slope	4	5.00	-0.08	1.6	0.5% to 2.0%	Yes			
IA 14/MONROE ST	W2-106	W2-107	Sidewalk Running Slope	4	5.73	0.07	-1.2	0.5% to 5.0%				
IA 14/MONROE ST	W2-107	W2-108	Match Existing Cross Slope	4	3.00	-0.09	3.0	Match Existing				
IA 14/MONROE ST	W2-108	W2-109	Sidewalk Running Slope	4	4.05	-0.06	1.5	0.5% to 5.0%				
IA 14/MONROE ST	W2-109	W2-110	Sidewalk Running Slope	4	70.56	0.30	-0.4	0.5% to 5.0%				Match general street grade
IA 14/MONROE ST	W2-110	W2-111	Landing/Turning Space	4	5.00	-0.07	1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-111	W2-112	Sidewalk Running Slope	4	25.27	-0.61	2.4	0.5% to 5.0%				
IA 14/MONROE ST	W2-112	W2-113	Landing/Turning Space	4	5.00	-0.08	1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-113	W2-114	Ramp Running Slope	6	7.51	-0.54	7.2	0.5% to 8.3%				
IA 14/MONROE ST	W2-114	W2-115	Ramp Running Slope	6	1.80	-0.05	2.8	0.5% to 8.3%				
IA 14/MONROE ST	W2-201	W2-225	Crosswalk Cross Slope - No Yield Condition	6	5.20	-0.05	1.0	0.0% to 5.0%				
IA 14/MONROE ST	W2-201	W2-224	Ramp Cross Slope	6	5.00	-0.03	0.6	0.1% to 2.0%				
IA 14/MONROE ST	W2-201	W2-202	Ramp Running Slope	6	4.06	0.26	-6.4	0.5% to 8.3%				
IA 14/MONROE ST	W2-202	W2-223	Ramp Cross Slope	6	5.00	-0.07	1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-202	W2-203	Landing/Turning Space	4	5.00	0.08	-1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-203	W2-222	Landing/Turning Space	4	5.00	-0.08	1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-204	W2-203	Sidewalk Running Slope	4	14.79	-0.37	2.5	0.5% to 5.0%				
IA 14/MONROE ST	W2-204	W2-205	Landing/Turning Space	4	5.00	-0.07	1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-204	W2-221	Landing/Turning Space	4	4.78	0.07	-1.5	0.1% to 2.0%				
IA 14/MONROE ST	W2-205	W2-220	Landing/Turning Space	4	4.78	0.07	-1.5	0.1% to 2.0%				
IA 14/MONROE ST	W2-205	W2-206	Sidewalk Running Slope	4	11.19	-0.23	2.1	0.5% to 5.0%				
IA 14/MONROE ST	W2-206	W2-207	Ramp Running Slope	6	2.74	0.21	-7.7	0.5% to 8.3%	Yes			
IA 14/MONROE ST	W2-219	W2-206	Landing/Turning Space	4	5.00	-0.08	1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-206	W2-213	Landing/Turning Space	4	5.00	-0.07	1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-207	W2-208	Landing/Turning Space	4	5.00	0.07	-1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-207	W2-212	Landing/Turning Space	4	5.00	-0.07	1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-208	W2-211	Landing/Turning Space	4	5.00	-0.06	1.2	0.1% to 2.0%				
IA 14/MONROE ST	W2-208	W2-209	Sidewalk Running Slope	4	15.26	-0.14	0.9	0.5% to 5.0%				
IA 14/MONROE ST	W2-209	W2-210	Crosswalk Cross Slope - No Yield Condition	6	5.03	-0.02	0.4	0.0% to 5.0%				
IA 14/MONROE ST	W2-210	W2-211	Sidewalk Running Slope	4	15.76	0.10	-0.6	0.5% to 5.0%				
IA 14/MONROE ST	W2-211	W2-212	Landing/Turning Space	4	5.00	-0.08	1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-212	W2-213	Ramp Running Slope	6	2.74	-0.21	7.7	0.5% to 8.3%	Yes			
IA 14/MONROE ST	W2-213	W2-214	Ramp Running Slope	6	12.49	-0.87	7.0	0.5% to 8.3%				
IA 14/MONROE ST	W2-214	W2-217	Ramp Cross Slope	6	5.00	0.07	-1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-213	W2-218	Landing/Turning Space	4	5.00	0.07	-1.4	0.1% to 2.0%				
IA 14/MONROE ST	W2-214	W2-215	Sidewalk Running Slope	4	5.26	-0.23	4.4	0.5% to 5.0%	Yes			
IA 14/MONROE ST	W2-215	W2-216	Match Existing Cross Slope	4	3.28	-0.05	1.5	Match Existing				
IA 14/MONROE ST	W2-216	W2-217	Ramp Running Slope	6	5.00	0.35	-7.0	0.5% to 8.3%				
IA 14/MONROE ST	W2-217	W2-218	Ramp Running Slope	6	12.92	0.87	-6.7	0.5% to 8.3%				
IA 14/MONROE ST	W2-218	W2-219	Landing/Turning Space	4	5.00	0.08	-1.6	0.1% to 2.0%	Yes			
IA 14/MONROE ST	W2-219	W2-220	Sidewalk Running Slope	4	9.75	0.22	-2.3					
IA 14/MONROE ST	W2-220	W2-221	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W2-221	W2-222	Sidewalk Running Slope	4	16.29	-0.52	3.2					
IA 14/MONROE ST	W2-222	W2-223	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W2-223	W2-224	Ramp Running Slope	6	4.06	-0.22	5.4					
IA 14/MONROE ST	W2-224	W2-225	Ramp Running Slope	6	1.44	-0.02	1.4					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W2-101	1482+98.22	31.01' LT	917.67
W2-102	1482+98.66	38.51' LT	918.16
W2-103	1482+98.98	43.50' LT	918.24
W2-104	1483+03.60	66.38' LT	918.86
W2-105	1483+05.72	70.89' LT	918.93
W2-106	1483+35.22	134.72' LT	918.78
W2-107	1483+35.41	140.44' LT	918.85
W2-108	1483+32.48	140.52' LT	918.76
W2-109	1483+30.79	136.86' LT	918.70
W2-110	1483+01.25	73.03' LT	919.00
W2-111	1482+99.14	68.52' LT	918.93
W2-112	1482+93.99	43.80' LT	918.32
W2-113	1482+93.70	38.80' LT	918.24
W2-114	1482+93.26	31.30' LT	917.70
W2-115	1482+93.15	29.52' LT	917.65
W2-201	1482+94.51	32.04' RT	917.38
W2-202	1482+94.27	36.09' RT	917.64
W2-203	1482+93.97	41.08' RT	917.72
W2-204	1482+97.62	55.42' RT	918.09
W2-205	1482+98.85	60.27' RT	918.02
W2-206	1483+01.63	71.11' RT	917.79
W2-207	1483+04.39	71.22' RT	918.00
W2-208	1483+09.45	71.43' RT	918.07
W2-209	1483+24.89	72.03' RT	917.93
W2-210	1483+25.21	77.04' RT	917.91
W2-211	1483+09.25	76.42' RT	918.01
W2-212	1483+04.18	76.22' RT	917.93
W2-213	1483+01.43	76.11' RT	917.72
W2-214	1483+01.96	88.59' RT	916.85
W2-215	1483+00.51	93.65' RT	916.62
W2-216	1482+97.17	93.79' RT	916.57
W2-217	1482+96.88	88.80' RT	916.92
W2-218	1482+96.35	75.89' RT	917.79
W2-219	1482+96.57	70.90' RT	917.87
W2-220	1482+94.16	61.43' RT	918.09
W2-221	1482+92.93	56.46' RT	918.16
W2-222	1482+88.94	40.78' RT	917.64
W2-223	1482+89.25	35.79' RT	917.57
W2-224	1482+89.49	31.74' RT	917.35
W2-225	1482+89.58	30.30' RT	917.33



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.4

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SIDEWALK COMPLIANCE

See S Sheets

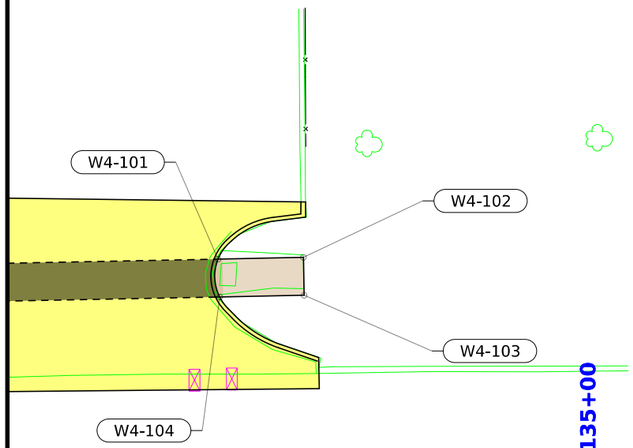
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W3-101	W3-108	Match Existing Cross Slope	4	5.43	0.32	-5.9					
IA 14/MONROE ST	W3-101	W3-102	Sidewalk Running Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W3-102	W3-107	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W3-102	W3-103	Sidewalk Running Slope	4	62.22	0.13	-0.2					Match general street grade
IA 14/MONROE ST	W3-103	W3-106	Sidewalk Cross Slope	4	5.44	-0.07	1.3					
IA 14/MONROE ST	W3-104	W3-103	Sidewalk Running Slope	4	73.42	0.88	-1.2					
IA 14/MONROE ST	W3-104	W3-105	Crosswalk Cross Slope - No Yield Condition	6	5.01	-0.07	1.4					
IA 14/MONROE ST	W3-105	W3-106	Sidewalk Running Slope	4	75.32	0.88	-1.2					
IA 14/MONROE ST	W3-106	W3-107	Sidewalk Running Slope	4	64.35	0.01						Match general street grade
IA 14/MONROE ST	W3-107	W3-108	Sidewalk Running Slope	4	7.02	0.32	-4.6		Yes			
IA 14/MONROE ST	W3-200	W3-201	Ramp Running Slope	6	6.57	0.43	-6.5					
IA 14/MONROE ST	W3-200	W3-206	Crosswalk Cross Slope - No Yield Condition	6	5.02							
IA 14/MONROE ST	W3-201	W3-205	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W3-204	W3-201	Sidewalk Cross Slope	4	5.35	-0.10	1.9		Yes			
IA 14/MONROE ST	W3-201	W3-202	Sidewalk Running Slope	4	65.67	-0.55	0.8					
IA 14/MONROE ST	W3-202	W3-203	Sidewalk Cross Slope	4	5.35	0.07	-1.3					
IA 14/MONROE ST	W3-203	W3-204	Sidewalk Running Slope	4	65.67	0.58	-0.9					
IA 14/MONROE ST	W3-204	W3-205	Sidewalk Running Slope	4	1.90	-0.02	1.1					
IA 14/MONROE ST	W3-205	W3-206	Ramp Running Slope	6	7.02	-0.51	7.3					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W3-101	1483+96.76	89.75' LT	919.41
W3-102	1484+00.08	86.07' LT	919.34
W3-103	1484+42.05	40.56' LT	919.47
W3-104	1485+14.95	40.41' LT	918.59
W3-105	1485+14.74	35.41' LT	918.52
W3-106	1484+39.88	35.58' LT	919.40
W3-107	1483+96.49	82.68' LT	919.41
W3-108	1483+91.78	87.82' LT	919.73
W3-200	1483+73.27	73.64' RT	919.29
W3-201	1483+79.93	73.83' RT	919.72
W3-202	1484+30.48	31.35' RT	919.17
W3-203	1484+32.29	36.39' RT	919.24
W3-204	1483+81.71	78.88' RT	919.82
W3-205	1483+79.78	78.82' RT	919.80
W3-206	1483+72.67	78.62' RT	919.29

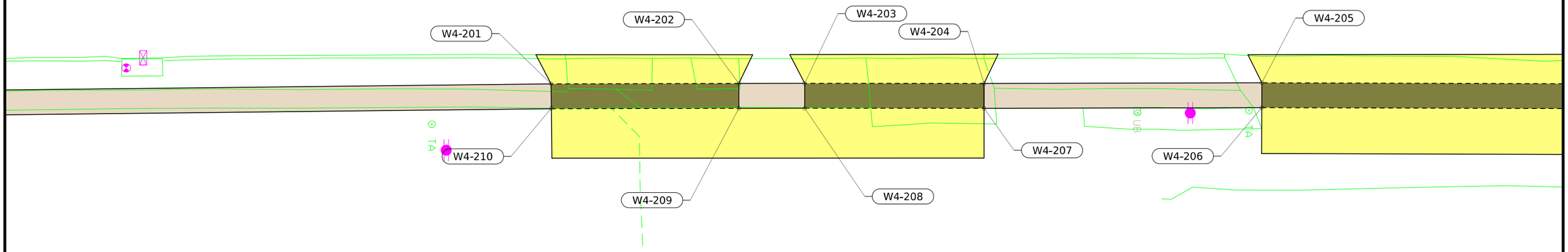


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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.6	

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6/18/25

SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

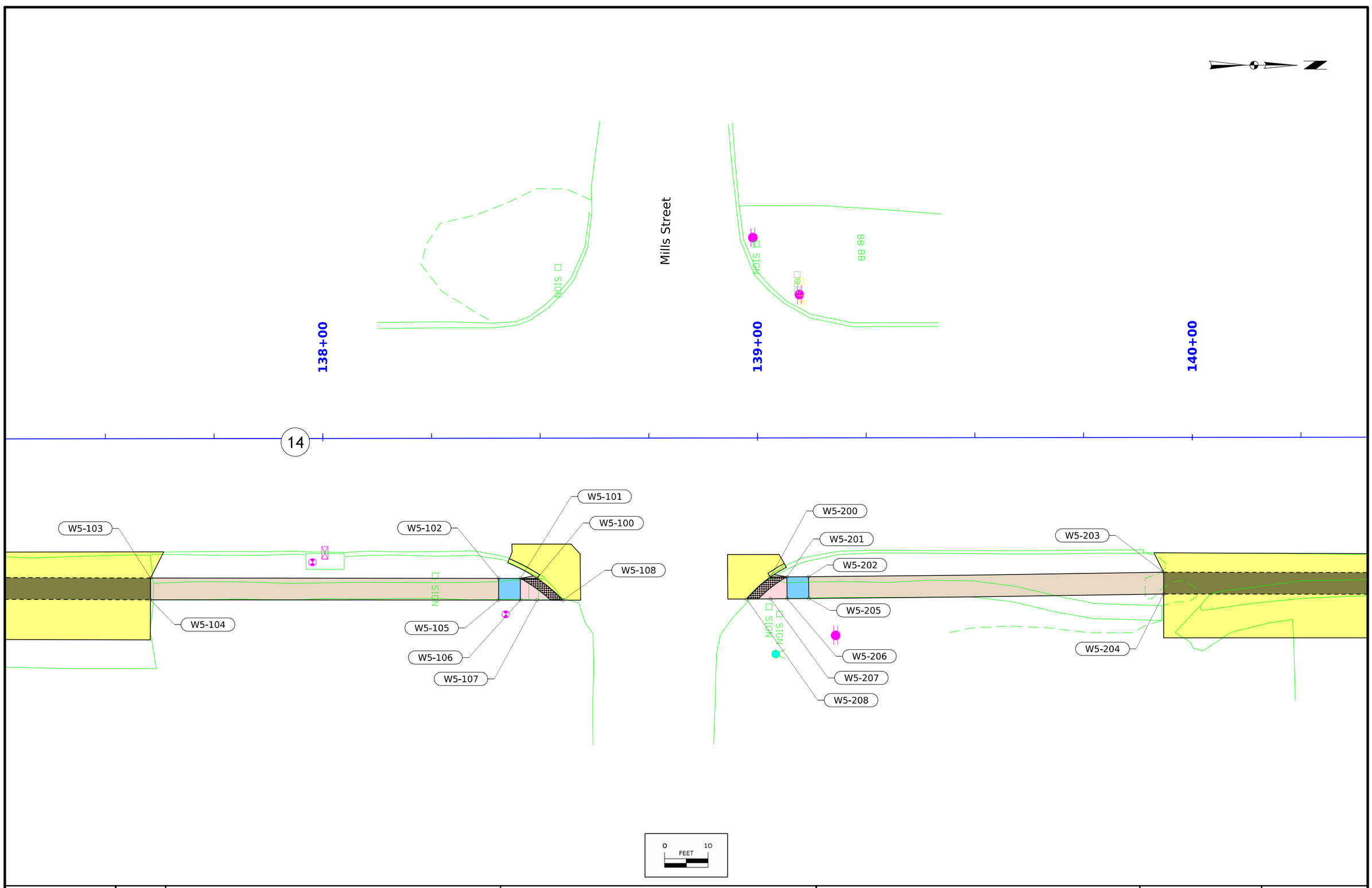
Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W4-101	W4-102	Ramp Running Slope	6	11.27	0.63	-5.6					
IA 14/MONROE ST	W4-101	W4-104	Crosswalk Cross Slope - No Yield Condition	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W4-102	W4-103	Ramp Cross Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W4-103	W4-104	Ramp Running Slope	6	11.15	-0.63	5.7					
IA 14/MONROE ST	W4-201	W4-210	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W4-202	W4-209	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W4-202	W4-203	Sidewalk Running Slope	4	13.25	0.11	-0.8					
IA 14/MONROE ST	W4-203	W4-208	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W4-204	W4-207	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W4-205	W4-206	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W4-204	W4-205	Sidewalk Running Slope	4	55.88	0.20	-0.4					Match general street grade
IA 14/MONROE ST	W4-205	W4-206	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W4-206	W4-207	Sidewalk Running Slope	4	55.86	-0.20	0.4					Match general street grade
IA 14/MONROE ST	W4-208	W4-209	Sidewalk Running Slope	4	13.25	-0.12	0.9					

113_10A
6/18/25

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W4-101	1485+51.53	40.68' LT	918.54
W4-102	1485+62.72	40.82' LT	919.17
W4-103	1485+62.78	35.82' LT	919.10
W4-104	1485+51.70	35.69' LT	918.47
W4-201	135+33.20	31.74' RT	918.57
W4-202	135+70.98	31.71' RT	918.86
W4-203	135+84.23	31.71' RT	918.97
W4-204	136+20.32	31.78' RT	919.05
W4-205	136+76.21	31.70' RT	919.25
W4-206	136+76.19	36.70' RT	919.33
W4-207	136+20.32	36.78' RT	919.13
W4-208	135+84.23	36.71' RT	919.05
W4-209	135+70.98	36.71' RT	918.93
W4-210	135+33.25	36.74' RT	918.65



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.8

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SIDEWALK COMPLIANCE

See S Sheets

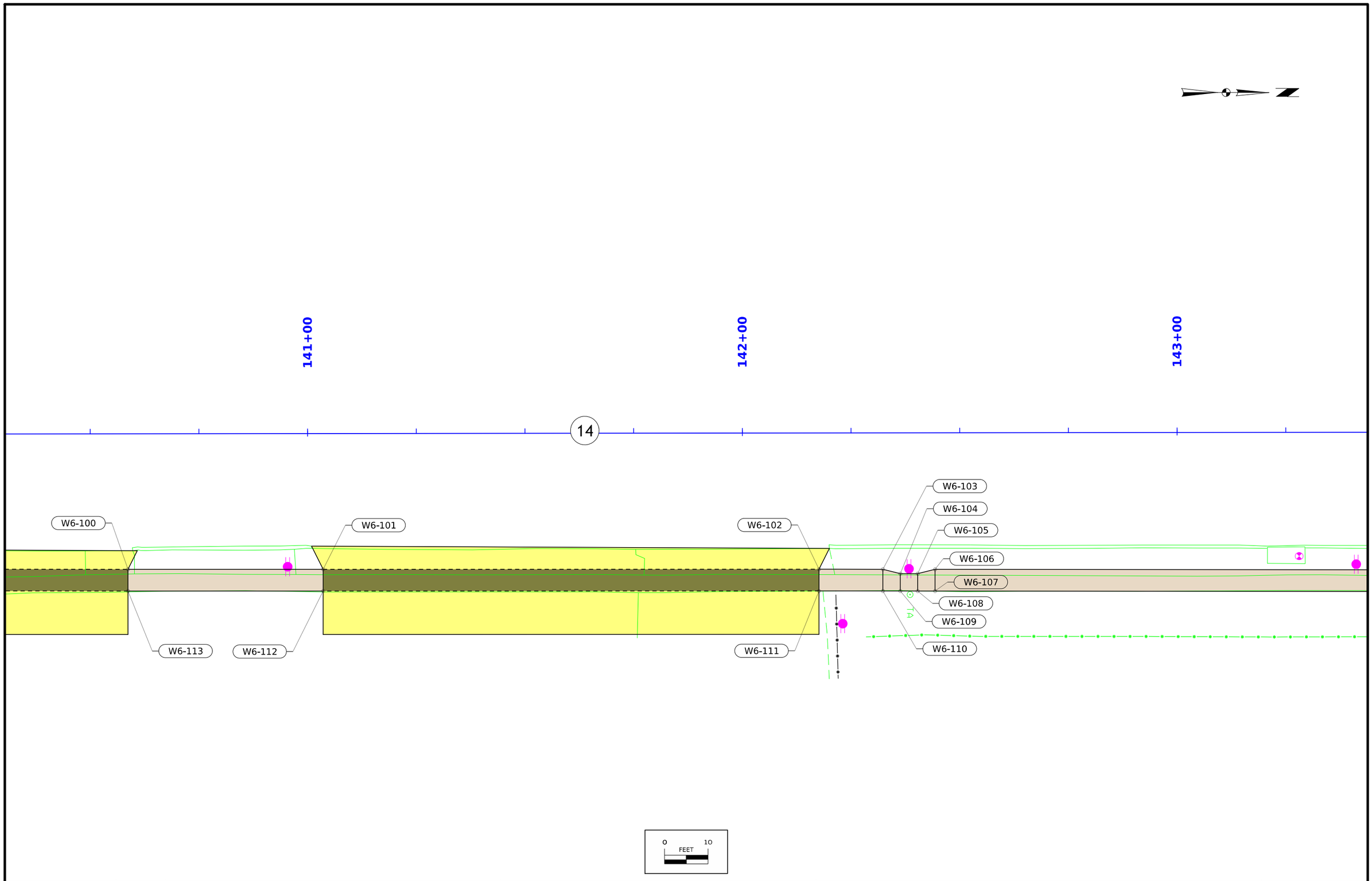
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W5-100	W5-101	Ramp Running Slope	6	3.85	0.19	-4.9					
IA 14/MONROE ST	W5-100	W5-107	Ramp Cross Slope	6	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W5-100	W5-108	Crosswalk Cross Slope - No Yield Condition	6	7.76	0.40	-5.2					
IA 14/MONROE ST	W5-101	W5-102	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W5-101	W5-106	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W5-102	W5-105	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W5-102	W5-103	Sidewalk Running Slope	4	80.07	-0.90	1.1					
IA 14/MONROE ST	W5-103	W5-104	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W5-104	W5-105	Sidewalk Running Slope	4	80.08	0.90	-1.1					
IA 14/MONROE ST	W5-105	W5-106	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W5-106	W5-107	Ramp Running Slope	6	3.85	-0.17	4.4					
IA 14/MONROE ST	W5-107	W5-108	Ramp Running Slope	6	5.92	0.31	-5.2					
IA 14/MONROE ST	W5-200	W5-201	Ramp Running Slope	6	3.79	0.14	-3.7					
IA 14/MONROE ST	W5-200	W5-207	Ramp Cross Slope	6	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W5-200	W5-208	Crosswalk Cross Slope - No Yield Condition	6	7.46	0.17	-2.3					
IA 14/MONROE ST	W5-201	W5-202	Landing/Turning Space	4	5.00	0.05	-1.0					
IA 14/MONROE ST	W5-202	W5-205	Landing/Turning Space	4	5.00	0.05	-1.0					
IA 14/MONROE ST	W5-201	W5-206	Landing/Turning Space	4	5.00	0.05	-1.0					
IA 14/MONROE ST	W5-202	W5-203	Sidewalk Running Slope	4	81.67	-1.21	1.5					
IA 14/MONROE ST	W5-203	W5-204	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W5-204	W5-205	Sidewalk Running Slope	4	81.62	1.18	-1.4					
IA 14/MONROE ST	W5-205	W5-206	Landing/Turning Space	4	5.00	-0.05	1.0					
IA 14/MONROE ST	W5-207	W5-206	Ramp Running Slope	6	3.79	0.10	-2.6					
IA 14/MONROE ST	W5-207	W5-208	Ramp Running Slope	6	5.54	0.08	-1.4					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W5-100	138+49.26	32.24' RT	919.98
W5-101	138+45.41	32.23' RT	920.17
W5-102	138+40.41	32.22' RT	920.24
W5-103	137+60.34	32.06' RT	919.34
W5-104	137+60.32	37.06' RT	919.42
W5-105	138+40.40	37.22' RT	920.32
W5-106	138+45.40	37.23' RT	920.24
W5-107	138+49.24	37.24' RT	920.07
W5-108	138+55.17	37.25' RT	920.38
W5-200	139+02.93	32.00' RT	920.21
W5-201	139+06.72	31.97' RT	920.35
W5-202	139+11.72	31.93' RT	920.40
W5-203	139+93.38	31.02' RT	919.19
W5-204	139+93.38	36.02' RT	919.27
W5-205	139+11.76	36.93' RT	920.45
W5-206	139+06.76	36.97' RT	920.40
W5-207	139+02.97	37.00' RT	920.30
W5-208	138+97.43	37.05' RT	920.38



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.10	

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113_10
6/18/25

SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

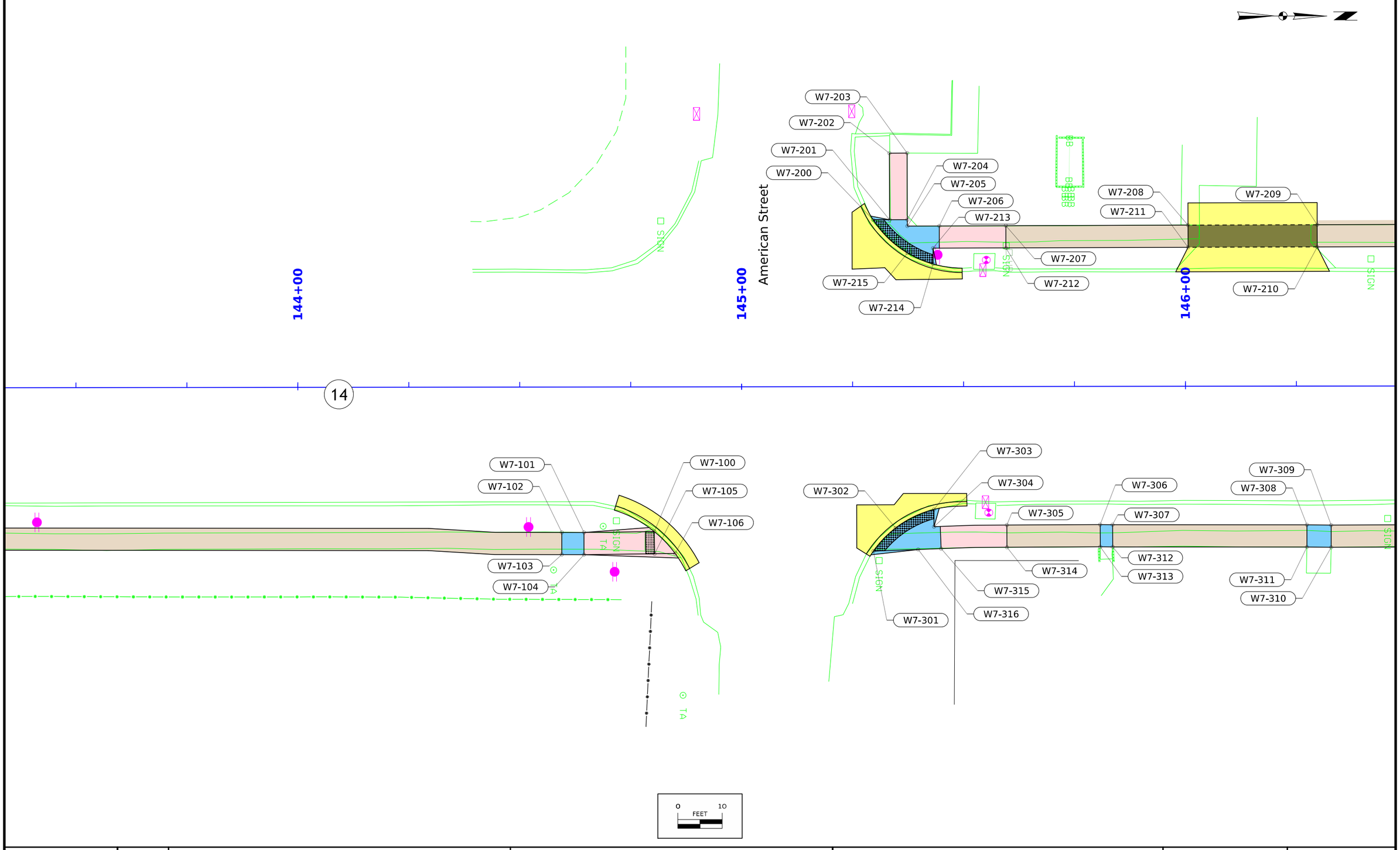
Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W6-100	W6-113	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W6-100	W6-101	Sidewalk Running Slope	4	44.89	2.26	-5.0		Yes			
IA 14/MONROE ST	W6-101	W6-112	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W6-102	W6-111	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W6-102	W6-103	Sidewalk Running Slope	4	14.71	0.20	-1.4					
IA 14/MONROE ST	W6-103	W6-110	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W6-103	W6-104	Sidewalk Running Slope	4	4.12	-0.02	0.5					Drainage issues were considered
IA 14/MONROE ST	W6-104	W6-109	Sidewalk Cross Slope	4	4.00	0.06	-1.5					
IA 14/MONROE ST	W6-104	W6-105	Sidewalk Running Slope	4	4.00	-0.01	0.2					Drainage issues were considered
IA 14/MONROE ST	W6-105	W6-106	Sidewalk Running Slope	4	4.12	-0.03	0.7					
IA 14/MONROE ST	W6-105	W6-108	Sidewalk Cross Slope	4	4.00	0.06	-1.5					
IA 14/MONROE ST	W6-106	W6-107	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W6-107	W6-108	Sidewalk Running Slope	4	4.00	0.02	-0.5					Drainage issues were considered
IA 14/MONROE ST	W6-108	W6-109	Sidewalk Running Slope	4	4.00	0.01	-0.2					Drainage issues were considered
IA 14/MONROE ST	W6-110	W6-109	Sidewalk Running Slope	4	4.00	-0.03	0.8					
IA 14/MONROE ST	W6-110	W6-111	Sidewalk Running Slope	4	14.70	-0.19	1.3					
IA 14/MONROE ST	W6-112	W6-113	Sidewalk Running Slope	4	44.87	-2.26	5.0		Yes			

113_10A
6/18/25

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W6-100	140+58.66	31.16' RT	919.30
W6-101	141+03.56	31.21' RT	921.56
W6-102	142+17.60	31.35' RT	920.56
W6-103	142+32.31	31.38' RT	920.76
W6-104	142+36.30	32.39' RT	920.74
W6-105	142+40.30	32.40' RT	920.73
W6-106	142+44.31	31.41' RT	920.70
W6-107	142+44.30	36.44' RT	920.77
W6-108	142+40.30	36.40' RT	920.79
W6-109	142+36.30	36.39' RT	920.80
W6-110	142+32.30	36.38' RT	920.83
W6-111	142+17.59	36.38' RT	920.64
W6-112	142+03.55	36.21' RT	921.64
W6-113	140+58.66	36.16' RT	919.38



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.12

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SIDEWALK COMPLIANCE

See S Sheets

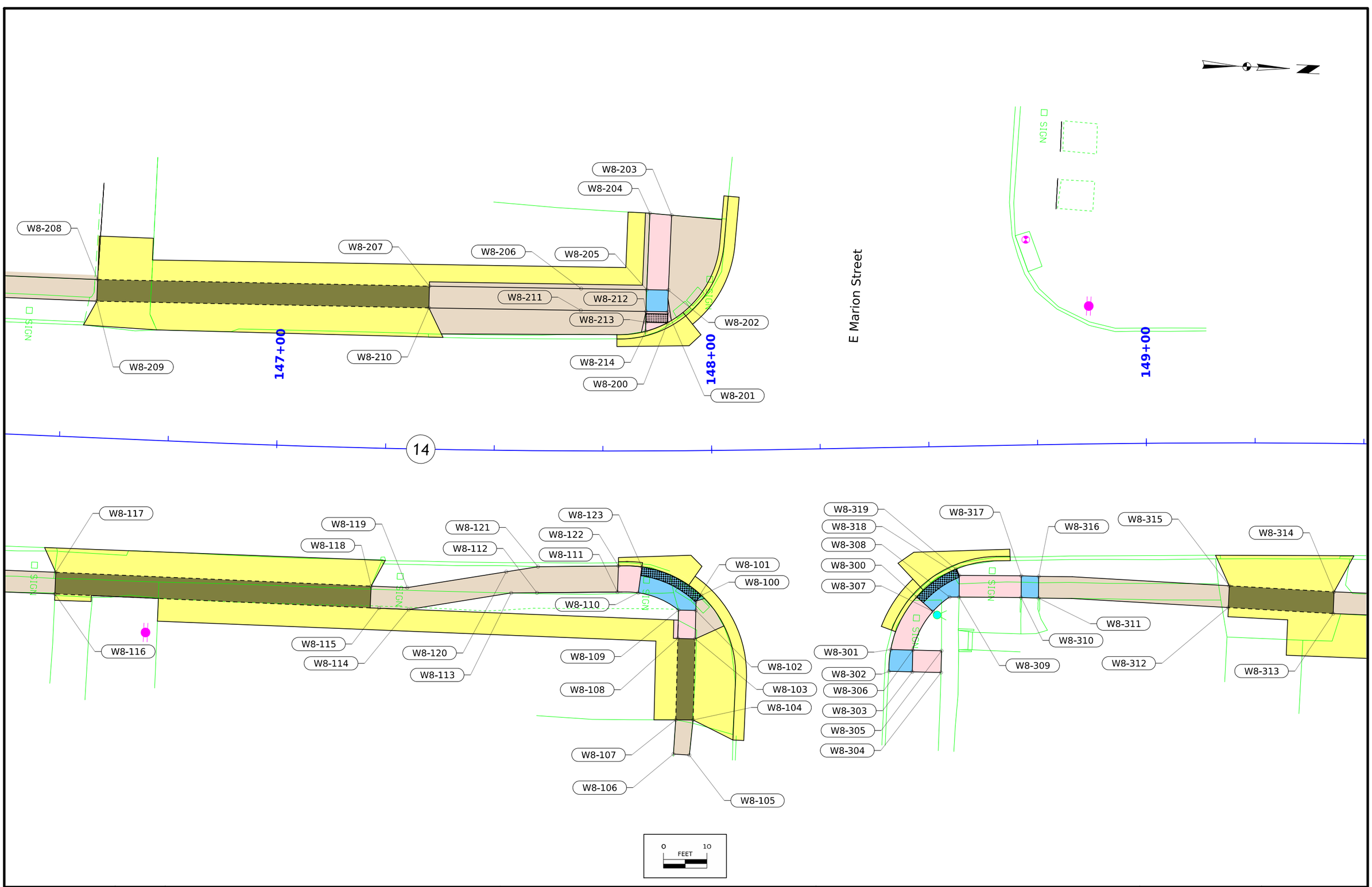
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W7-100	W7-101	Ramp Running Slope	6	15.84	1.03	-6.5					
IA 14/MONROE ST	W7-100	W7-105	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W7-100	W7-106	Crosswalk Cross Slope - No Yield Condition	6	6.82	0.04	-0.6					
IA 14/MONROE ST	W7-101	W7-104	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W7-101	W7-102	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W7-102	W7-103	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W7-103	W7-104	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W7-104	W7-105	Ramp Running Slope	6	15.84	-1.03	6.5					
IA 14/MONROE ST	W7-105	W7-106	Ramp Running Slope	6	4.64	-0.04	0.9					
IA 14/MONROE ST	W7-200	W7-201	Landing/Turning Space	4	3.84	0.06	-1.6		Yes			
IA 14/MONROE ST	W7-201	W7-202	Ramp Running Slope	6	15.00	1.35	-9.0					15 feet at uniform running slope
IA 14/MONROE ST	W7-204	W7-201	Landing/Turning Space	4	4.00	-0.06	1.5					
IA 14/MONROE ST	W7-202	W7-203	Match Existing Cross Slope	4	3.91	0.15	-3.8					
IA 14/MONROE ST	W7-203	W7-204	Ramp Running Slope	6	15.00	-1.44	9.6					15 feet at uniform running slope
IA 14/MONROE ST	W7-204	W7-205	Landing/Turning Space	4	1.43	0.02	-1.4					
IA 14/MONROE ST	W7-205	W7-206	Landing/Turning Space	4	7.18	0.09	-1.3					
IA 14/MONROE ST	W7-205	W7-215	Landing/Turning Space	4	6.04	-0.03	0.5					
IA 14/MONROE ST	W7-206	W7-213	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W7-207	W7-206	Ramp Running Slope	6	15.00	-0.98	6.5					
IA 14/MONROE ST	W7-207	W7-212	Sidewalk Cross Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W7-207	W7-208	Sidewalk Running Slope	4	41.04	0.04	-0.1					Match general street grade
IA 14/MONROE ST	W7-208	W7-211	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W7-209	W7-210	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W7-211	W7-212	Sidewalk Running Slope	4	41.04	-0.03	0.1					Match general street grade
IA 14/MONROE ST	W7-213	W7-214	Landing/Turning Space	4	3.93	0.03	-0.8					
IA 14/MONROE ST	W7-214	W7-215	Crosswalk Cross Slope - No Yield Condition	6	7.74	-0.07	0.9					
IA 14/MONROE ST	W7-215	W7-200	Crosswalk Cross Slope - No Yield Condition	6	10.63	-0.11	1.0					
IA 14/MONROE ST	W7-301	W7-302	Crosswalk Cross Slope - No Yield Condition	6	7.20	-0.01	0.1					
IA 14/MONROE ST	W7-302	W7-304	Landing/Turning Space	4	10.07	0.09	-0.9					
IA 14/MONROE ST	W7-302	W7-303	Crosswalk Cross Slope - No Yield Condition	6	11.01	0.02	-0.2					
IA 14/MONROE ST	W7-303	W7-304	Landing/Turning Space	4	4.14	0.07	-1.7		Yes			
IA 14/MONROE ST	W7-304	W7-315	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W7-304	W7-305	Ramp Running Slope	6	15.00	0.97	-6.5					
IA 14/MONROE ST	W7-305	W7-314	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W7-306	W7-305	Sidewalk Running Slope	4	21.02	0.20	-1.0					
IA 14/MONROE ST	W7-306	W7-313	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W7-306	W7-307	Landing/Turning Space	4	2.80	0.05	-1.8		Yes			
IA 14/MONROE ST	W7-307	W7-312	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W7-307	W7-308	Sidewalk Running Slope	4	43.79	0.22	-0.5					Match general street grade
IA 14/MONROE ST	W7-308	W7-311	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W7-309	W7-308	Landing/Turning Space	4	5.46	-0.05	0.9					
IA 14/MONROE ST	W7-309	W7-310	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W7-310	W7-311	Landing/Turning Space	4	5.47	-0.05	0.9					
IA 14/MONROE ST	W7-311	W7-312	Sidewalk Running Slope	4	43.76	-0.22	0.5					Match general street grade
IA 14/MONROE ST	W7-312	W7-313	Landing/Turning Space	4	2.80	-0.05	1.8		Yes			
IA 14/MONROE ST	W7-313	W7-314	Sidewalk Running Slope	4	21.02	0.21	-1.0					
IA 14/MONROE ST	W7-314	W7-315	Ramp Running Slope	6	14.85	-0.97	6.5					
IA 14/MONROE ST	W7-315	W7-316	Landing/Turning Space	4	5.17	-0.08	1.5					
IA 14/MONROE ST	W7-316	W7-301	Landing/Turning Space	4	10.09	-0.08	0.8					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W7-100	144+80.16	32.59' RT	920.12
W7-101	144+64.43	32.77' RT	921.15
W7-102	144+59.43	32.76' RT	921.23
W7-103	144+59.42	37.76' RT	921.31
W7-104	144+64.42	37.77' RT	921.23
W7-105	144+80.33	37.59' RT	920.20
W7-106	144+84.97	37.54' RT	920.16
W7-200	145+29.68	37.58' LT	920.16
W7-201	145+33.39	37.59' LT	920.22
W7-202	145+33.44	52.59' LT	921.57
W7-203	145+37.35	52.60' LT	921.72
W7-204	145+37.39	37.60' LT	920.28
W7-205	145+37.39	36.16' LT	920.30
W7-206	145+44.57	36.18' LT	920.39
W7-207	145+59.57	36.21' LT	921.37
W7-208	146+00.60	36.34' LT	921.41
W7-209	146+29.72	31.35' LT	921.51
W7-210	146+29.73	31.36' LT	921.43
W7-211	146+00.62	31.31' LT	921.33
W7-212	145+59.58	31.21' LT	921.30
W7-213	145+44.58	31.18' LT	920.31
W7-214	145+44.59	27.25' LT	920.34
W7-215	145+37.40	30.12' LT	920.27
W7-301	145+29.65	37.05' RT	920.30
W7-302	145+34.66	31.87' RT	920.29
W7-303	145+44.71	27.38' RT	920.31
W7-304	145+44.72	31.52' RT	920.38
W7-305	145+59.72	31.23' RT	921.35
W7-306	145+80.73	31.15' RT	921.15
W7-307	145+83.54	31.17' RT	921.20
W7-308	146+27.33	31.25' RT	921.42
W7-309	146+32.79	31.33' RT	921.47
W7-310	146+32.79	36.33' RT	921.54
W7-311	146+27.32	36.25' RT	921.49
W7-312	145+83.56	36.17' RT	921.27
W7-313	145+80.75	36.15' RT	921.22
W7-314	145+59.74	36.23' RT	921.43
W7-315	145+44.89	36.52' RT	920.46
W7-316	145+39.73	36.71' RT	920.38



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.14

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SIDEWALK COMPLIANCE

See S Sheets

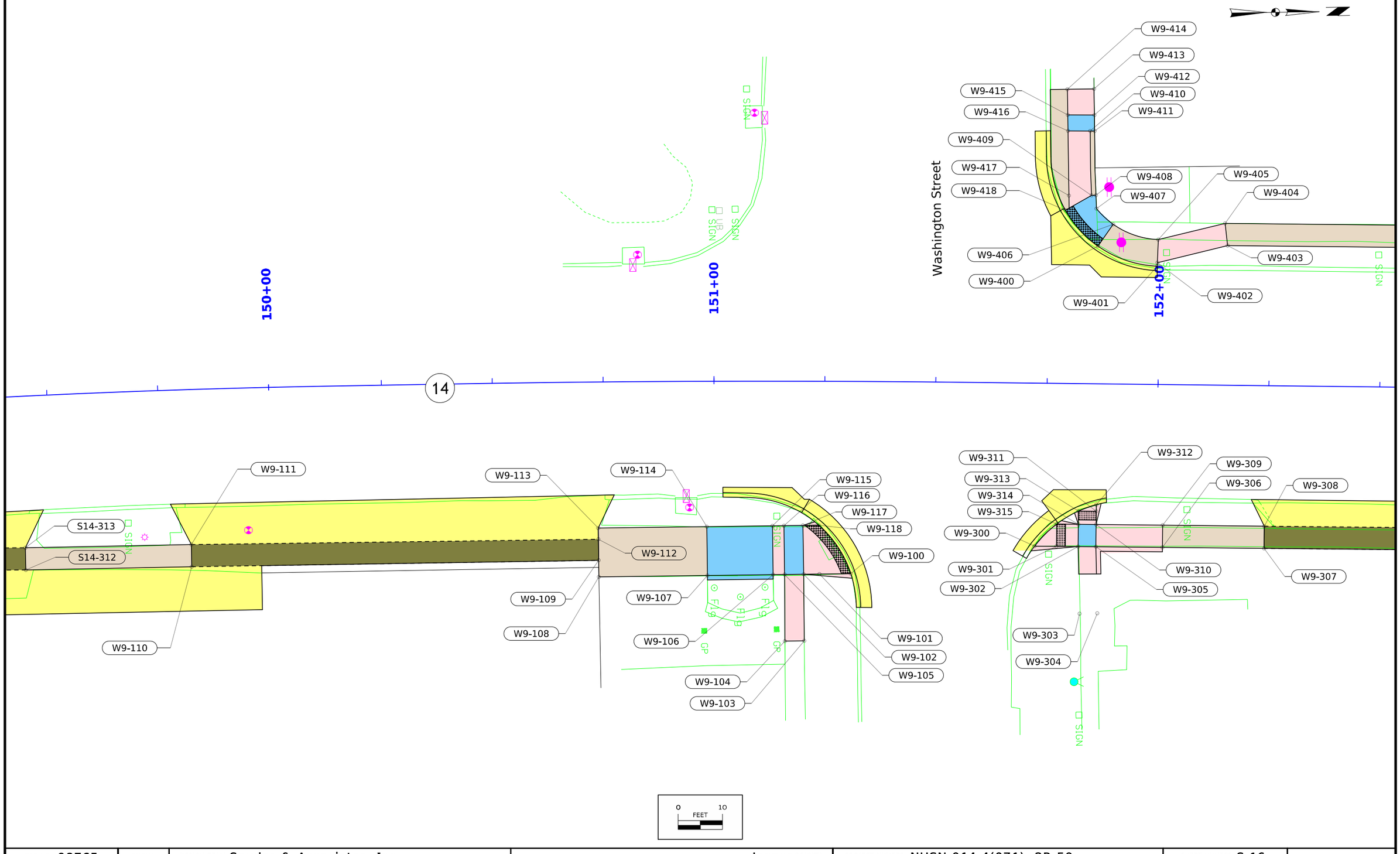
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W8-100	W8-123	Crosswalk Cross Slope - No Yield Condition	6	15.17	-0.12	0.8					
IA 14/MONROE ST	W8-100	W8-101	Landing/Turning Space	4	1.78	0.03	-1.7		Yes			
IA 14/MONROE ST	W8-101	W8-109	Landing/Turning Space	4	4.57	0.08	-1.8		Yes			
IA 14/MONROE ST	W8-101	W8-102	Landing/Turning Space	4	2.16	0.03	-1.4					
IA 14/MONROE ST	W8-102	W8-109	Landing/Turning Space	4	4.02	0.05	-1.2					
IA 14/MONROE ST	W8-102	W8-103	Ramp Running Slope	6	6.54	0.41	-6.3					
IA 14/MONROE ST	W8-103	W8-108	Ramp Cross Slope	6	4.00	0.04	-1.0					
IA 14/MONROE ST	W8-104	W8-107	Sidewalk Cross Slope	4	4.00	0.04	-1.0					
IA 14/MONROE ST	W8-105	W8-106	Match Existing Cross Slope	4	3.66	-0.19	5.2					
IA 14/MONROE ST	W8-104	W8-105	Sidewalk Running Slope	4	8.14	-0.02	0.2					
IA 14/MONROE ST	W8-106	W8-107	Sidewalk Running Slope	4	7.88	0.25	-3.2					
IA 14/MONROE ST	W8-108	W8-109	Ramp Running Slope	6	6.54	-0.40	6.1					
IA 14/MONROE ST	W8-109	W8-110	Landing/Turning Space	4	10.05	-0.14	1.4					
IA 14/MONROE ST	W8-110	W8-123	Landing/Turning Space	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W8-110	W8-111	Ramp Running Slope	6	4.80	0.32	-6.7					
IA 14/MONROE ST	W8-111	W8-122	Ramp Cross Slope	6	6.01	-0.09	1.5					
IA 14/MONROE ST	W8-112	W8-111	Sidewalk Running Slope	4	18.51	-0.17	0.9					
IA 14/MONROE ST	W8-112	W8-121	Sidewalk Cross Slope	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W8-112	W8-113	Sidewalk Running Slope	4	5.91	0.04	-0.7					
IA 14/MONROE ST	W8-113	W8-120	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-113	W8-114	Sidewalk Running Slope	4	23.90	-0.27	1.1					
IA 14/MONROE ST	W8-114	W8-119	Sidewalk Cross Slope	4	5.02	-0.07	1.4					
IA 14/MONROE ST	W8-115	W8-118	Sidewalk Running Slope	4	5.00	-0.08	1.6					
IA 14/MONROE ST	W8-115	W8-114	Sidewalk Running Slope	4	6.85	0.07	-1.0					
IA 14/MONROE ST	W8-116	W8-117	Sidewalk Cross Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W8-118	W8-119	Sidewalk Running Slope	4	6.35	0.08	-1.3					
IA 14/MONROE ST	W8-119	W8-120	Sidewalk Running Slope	4	23.40	0.26	-1.1					
IA 14/MONROE ST	W8-120	W8-121	Sidewalk Running Slope	4	7.03	-0.05	0.7					
IA 14/MONROE ST	W8-121	W8-122	Sidewalk Running Slope	4	18.51	-0.17	0.9					
IA 14/MONROE ST	W8-122	W8-123	Ramp Running Slope	6	5.39	-0.32	5.9					
IA 14/MONROE ST	W8-200	W8-214	Crosswalk Cross Slope - No Yield Condition	6	5.41	0.02	-0.4					
IA 14/MONROE ST	W8-200	W8-213	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W8-200	W8-201	Ramp Running Slope	6	2.52	0.15	-6.0					
IA 14/MONROE ST	W8-201	W8-212	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W8-202	W8-205	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W8-203	W8-202	Sidewalk Running Slope	4	17.22	-0.15	0.9					
IA 14/MONROE ST	W8-204	W8-203	Match Existing Cross Slope	4	5.01	-0.10	2.0					
IA 14/MONROE ST	W8-204	W8-205	Sidewalk Running Slope	4	17.59	-0.17	1.0					
IA 14/MONROE ST	W8-205	W8-212	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-205	W8-206	Sidewalk Running Slope	4	15.08	-0.11	0.7					
IA 14/MONROE ST	W8-206	W8-211	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-206	W8-207	Sidewalk Running Slope	4	34.89	-0.09	0.3					Drainage issues were considered
IA 14/MONROE ST	W8-207	W8-210	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-208	W8-209	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-210	W8-211	Sidewalk Running Slope	4	34.91	0.09	-0.3					Drainage issues were considered
IA 14/MONROE ST	W8-211	W8-212	Sidewalk Running Slope	4	14.99	0.11	-0.7					
IA 14/MONROE ST	W8-212	W8-213	Ramp Running Slope	6	2.52	-0.15	6.0					
IA 14/MONROE ST	W8-213	W8-214	Ramp Running Slope	6	2.07	-0.06	2.9					
IA 14/MONROE ST	W8-300	W8-307	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W8-300	W8-318	Crosswalk Cross Slope - No Yield Condition	6	11.03	-0.05	0.5					
IA 14/MONROE ST	W8-300	W8-301	Ramp Running Slope	6	13.54	0.70	-5.2					
IA 14/MONROE ST	W8-301	W8-302	Landing/Turning Space	4	5.01	0.09	-1.8		Yes			
IA 14/MONROE ST	W8-301	W8-306	Landing/Turning Space	4	5.08	0.08	-1.6		Yes			
IA 14/MONROE ST	W8-302	W8-303	Landing/Turning Space	4	5.40	0.07	-1.3					
IA 14/MONROE ST	W8-303	W8-306	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-303	W8-304	Sidewalk Running Slope	4	6.59	0.05	-0.8					
IA 14/MONROE ST	W8-304	W8-305	Match Existing Cross Slope	4	5.00	-0.06	1.2					
IA 14/MONROE ST	W8-305	W8-306	Sidewalk Running Slope	4	6.60	-0.07	1.1					
IA 14/MONROE ST	W8-306	W8-307	Ramp Running Slope	6	10.04	-0.70	7.0					
IA 14/MONROE ST	W8-307	W8-308	Landing/Turning Space	4	5.04	-0.03	0.6					
IA 14/MONROE ST	W8-308	W8-309	Landing/Turning Space	4	2.21	-0.03	1.4					
IA 14/MONROE ST	W8-309	W8-318	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W8-309	W8-310	Ramp Running Slope	6	14.25	0.86	-6.0					
IA 14/MONROE ST	W8-310	W8-317	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W8-310	W8-311	Landing/Turning Space	4	4.02	0.01	-0.2					
IA 14/MONROE ST	W8-311	W8-316	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W8-311	W8-312	Sidewalk Running Slope	4	43.69	-0.06	0.1					Match general street grade
IA 14/MONROE ST	W8-312	W8-315	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-313	W8-314	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W8-315	W8-316	Sidewalk Running Slope	4	43.87	0.07	-0.2					Match general street grade
IA 14/MONROE ST	W8-316	W8-317	Landing/Turning Space	4	4.02	-0.01	0.2					
IA 14/MONROE ST	W8-317	W8-318	Ramp Running Slope	6	14.25	-0.86	6.0					
IA 14/MONROE ST	W8-318	W8-319	Landing/Turning Space	4	1.63	-0.02	1.2					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W8-100	147+97.35	33.31' RT	921.67
W8-101	147+96.13	34.60' RT	921.70
W8-102	147+96.06	36.76' RT	921.73
W8-103	147+95.85	43.29' RT	922.14
W8-104	147+95.33	61.93' RT	922.18
W8-105	147+94.35	70.02' RT	922.16
W8-106	147+90.80	69.75' RT	921.97
W8-107	147+91.35	61.89' RT	922.22
W8-108	147+91.93	43.17' RT	922.18
W8-109	147+92.13	36.63' RT	921.78
W8-110	147+83.05	32.62' RT	921.64
W8-111	147+78.32	32.45' RT	921.96
W8-112	147+60.08	32.68' RT	922.13
W8-113	147+54.25	32.78' RT	922.17
W8-114	147+31.07	36.93' RT	921.90
W8-115	147+24.32	36.81' RT	921.83
W8-116	146+50.48	36.27' RT	921.42
W8-117	146+50.47	31.27' RT	921.35
W8-118	147+24.41	31.81' RT	921.75
W8-119	147+30.67	31.93' RT	921.83
W8-120	147+53.42	27.85' RT	922.09
W8-121	147+60.27	26.67' RT	922.04
W8-122	147+78.56	26.44' RT	921.87
W8-123	147+83.83	26.68' RT	921.55
W8-200	147+90.03	29.48' LT	921.54
W8-201	147+90.08	33.00' LT	921.69
W8-202	147+89.89	37.00' LT	921.77
W8-203	147+91.11	54.19' LT	921.92
W8-204	147+86.00	54.67' LT	922.02
W8-205	147+85.19	37.10' LT	921.85
W8-206	147+69.86	37.34' LT	921.74
W8-207	147+34.38	36.41' LT	921.65
W8-208	146+57.22	36.41' LT	921.51
W8-209	146+57.22	31.41' LT	921.43
W8-210	147+34.38	32.51' LT	921.57
W8-211	147+69.80	32.34' LT	921.66
W8-212	147+85.01	32.10' LT	921.77
W8-213	147+84.96	29.58' LT	921.62
W8-214	147+84.92	27.51' LT	921.56
W8-300	148+46.56	34.45' RT	921.79
W8-301	148+40.34	46.46' RT	922.49
W8-302	148+39.82	51.45' RT	922.58
W8-303	148+45.21	51.68' RT	922.65
W8-304	148+51.80	51.96' RT	922.70
W8-305	148+52.01	46.96' RT	922.64
W8-306	148+45.42	46.68' RT	922.57
W8-307	148+50.51	37.86' RT	921.87
W8-308	148+54.09	34.64' RT	921.84
W8-309	148+56.29	34.67' RT	921.81
W8-310	148+70.54	35.06' RT	922.67
W8-311	148+74.55	35.27' RT	922.68
W8-312	149+18.84	37.87' RT	922.62
W8-313	149+43.35	39.14' RT	922.75
W8-314	149+43.50	34.14' RT	922.67
W8-315	149+19.06	32.87' RT	922.54
W8-316	148+74.68	30.28' RT	922.61
W8-317	148+70.67	30.06' RT	922.60
W8-318	148+56.42	29.70' RT	921.74
W8-319	148+55.83	28.25' RT	921.72



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.16

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SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W9-100	W9-101	Landing/Turning Space	4	7.05	-0.08	1.1					
IA 14/MONROE ST	W9-100	W9-118	Crosswalk Cross Slope - No Yield Condition	6	13.07	-0.25	1.9					
IA 14/MONROE ST	W9-101	W9-118	Landing/Turning Space	4	11.00	-0.17	1.5					
IA 14/MONROE ST	W9-101	W9-102	Landing/Turning Space	4	3.56	0.05	-1.4					
IA 14/MONROE ST	W9-102	W9-117	Landing/Turning Space	4	11.00	-0.16	1.5					
IA 14/MONROE ST	W9-102	W9-105	Landing/Turning Space	4	4.28	0.07	-1.6		Yes			
IA 14/MONROE ST	W9-102	W9-103	Ramp Running Slope	6	15.00	0.74	-4.9					
IA 14/MONROE ST	W9-103	W9-104	Match Existing Cross Slope	4	4.36	0.03	-0.7					
IA 14/MONROE ST	W9-104	W9-105	Ramp Running Slope	6	15.00	-0.70	4.7					
IA 14/MONROE ST	W9-105	W9-106	Sidewalk Running Slope	4	2.60	0.04	-1.5					
IA 14/MONROE ST	W9-105	W9-116	Landing/Turning Space	4	11.00	-0.16	1.5					
IA 14/MONROE ST	W9-106	W9-115	Sidewalk Cross Slope	4	11.00	-0.16	1.5					
IA 14/MONROE ST	W9-106	W9-107	Landing/Turning Space	4	14.81	0.22	-1.5					
IA 14/MONROE ST	W9-107	W9-114	Landing/Turning Space	4	11.00	-0.16	1.5					
IA 14/MONROE ST	W9-107	W9-108	Sidewalk Running Slope	4	24.47	0.80	-3.3					
IA 14/MONROE ST	W9-108	W9-109	Match Existing Cross Slope	4	3.75	-0.13	3.5					
IA 14/MONROE ST	W9-109	W9-112	Sidewalk Cross Slope	4	5.00	-0.09	1.8		Yes			
IA 14/MONROE ST	W9-110	W9-111	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-112	W9-113	Sidewalk Running Slope	4	2.50	-0.04	1.6					
IA 14/MONROE ST	W9-113	W9-114	Sidewalk Running Slope	4	24.47	-0.70	2.9					
IA 14/MONROE ST	W9-114	W9-115	Landing/Turning Space	4	14.81	-0.22	1.5					
IA 14/MONROE ST	W9-115	W9-116	Sidewalk Running Slope	4	2.60	-0.04	1.5					
IA 14/MONROE ST	W9-116	W9-117	Landing/Turning Space	4	4.28	-0.07	1.6		Yes			
IA 14/MONROE ST	W9-117	W9-118	Landing/Turning Space	4	3.56	-0.06	1.7		Yes			
IA 14/MONROE ST	W9-200	W9-212	Crosswalk Cross Slope - No Yield Condition	6	8.04	0.18	-2.2					
IA 14/MONROE ST	W9-200	W9-201	Landing/Turning Space	4	6.30	0.09	-1.4					
IA 14/MONROE ST	W9-201	W9-212	Landing/Turning Space	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W9-201	W9-202	Landing/Turning Space	4	4.80	0.09	-1.9		Yes			
IA 14/MONROE ST	W9-202	W9-211	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W9-202	W9-203	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W9-203	W9-210	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W9-203	W9-204	Sidewalk Running Slope	4	99.45	0.80	-0.8					Match general street grade
IA 14/MONROE ST	W9-204	W9-205	Landing/Turning Space	4	5.00	-0.01	0.2					
IA 14/MONROE ST	W9-205	W9-206	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W9-206	W9-207	Sidewalk Running Slope	4	4.68	0.23	-4.9		Yes			
IA 14/MONROE ST	W9-207	W9-208	Match Existing Cross Slope	4	5.00	-0.01	0.2					
IA 14/MONROE ST	W9-208	W9-209	Sidewalk Running Slope	4	4.55	-0.21	4.6		Yes			
IA 14/MONROE ST	W9-206	W9-209	Landing/Turning Space	4	5.00	0.01	-0.2					
IA 14/MONROE ST	W9-209	W9-204	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W9-209	W9-210	Sidewalk Running Slope	4	99.68	-0.80	0.8					Match general street grade
IA 14/MONROE ST	W9-210	W9-211	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W9-211	W9-212	Landing/Turning Space	4	4.80	-0.07	1.5					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W9-100	151+31.04	43.31' RT	921.61
W9-101	151+23.91	43.43' RT	921.53
W9-102	151+20.31	43.49' RT	921.58
W9-103	151+20.49	58.49' RT	922.32
W9-104	151+16.06	58.55' RT	922.35
W9-105	151+15.98	43.55' RT	921.65
W9-106	151+13.35	43.59' RT	921.69
W9-107	150+98.37	43.76' RT	921.91
W9-108	150+73.62	43.92' RT	922.71
W9-109	150+73.61	40.18' RT	922.58
W9-110	149+81.40	39.91' RT	922.68
W9-111	149+81.48	34.91' RT	922.60
W9-112	150+73.59	35.43' RT	922.49
W9-113	150+73.58	32.92' RT	922.45
W9-114	150+98.26	32.84' RT	921.75
W9-115	151+13.20	32.59' RT	921.53
W9-116	151+15.82	32.55' RT	921.49
W9-117	151+20.14	32.49' RT	921.42
W9-118	151+23.73	32.43' RT	921.36
W9-200	151+05.48	35.95' LT	920.91
W9-201	150+99.24	35.75' LT	921.00
W9-202	150+94.49	35.60' LT	921.09
W9-203	150+89.54	35.45' LT	921.16
W9-204	149+91.32	36.29' LT	921.96
W9-205	149+86.40	36.41' LT	921.95
W9-206	149+86.20	31.41' LT	922.02
W9-207	149+86.01	26.74' LT	922.25
W9-208	149+90.93	26.74' LT	922.24
W9-209	149+91.13	31.29' LT	922.03
W9-210	150+89.69	30.46' LT	921.23
W9-211	150+94.65	30.60' LT	921.16
W9-212	150+99.40	30.75' LT	921.09

SIDEWALK COMPLIANCE

See S Sheets

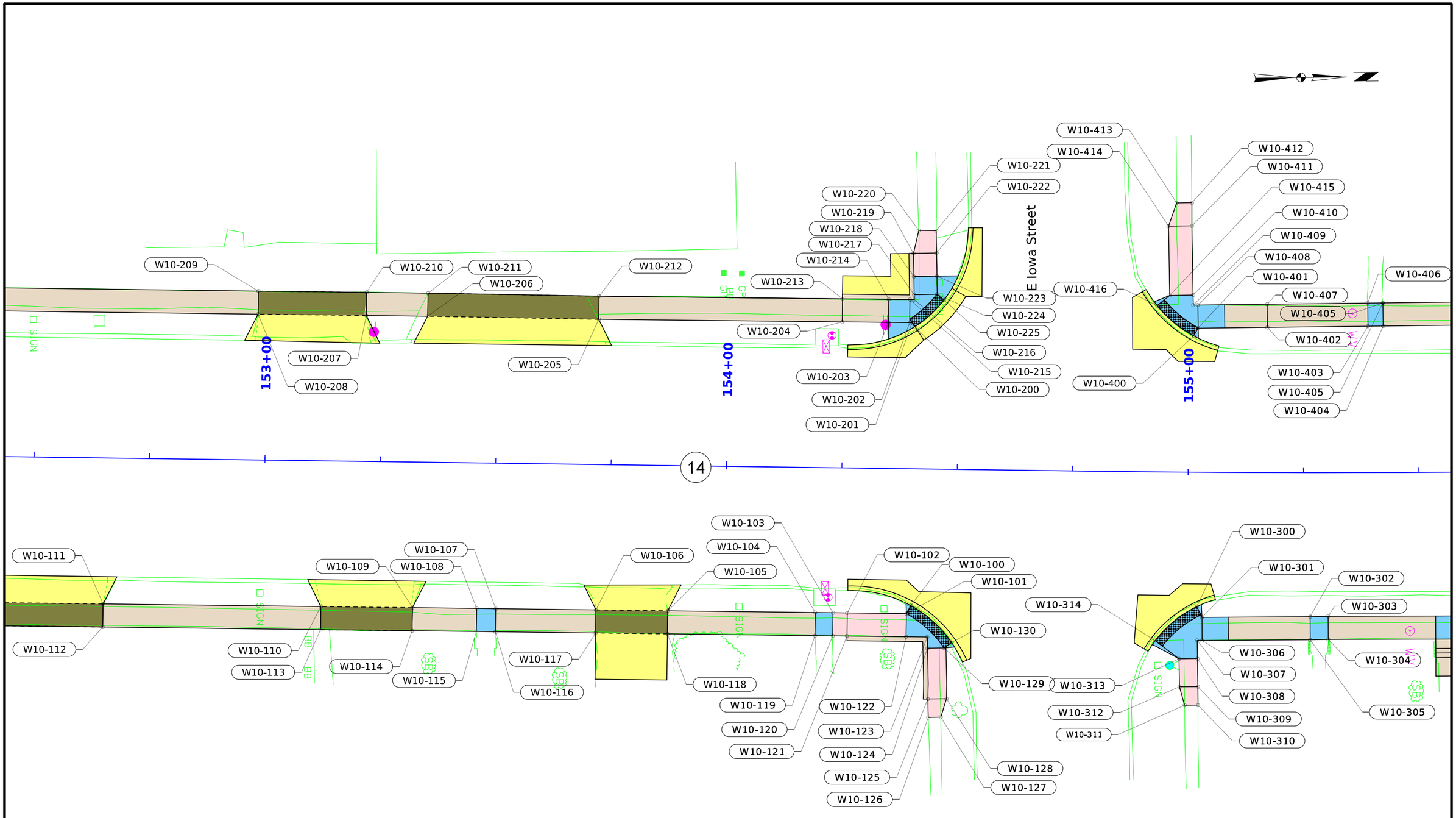
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W9-300	W9-315	Crosswalk Cross Slope - No Yield Condition	6	7.01	-0.08	1.1					
IA 14/MONROE ST	W9-300	W9-301	Landing/Turning Space	4	4.92							Drainage issues were considered
IA 14/MONROE ST	W9-301	W9-315	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-301	W9-302	Ramp Running Slope	6	4.90	0.08	-1.6					
IA 14/MONROE ST	W9-302	W9-305	Landing/Turning Space	4	4.00	0.06	-1.5					
IA 14/MONROE ST	W9-302	W9-314	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-302	W9-303	Ramp Running Slope	6	6.19	0.52	-8.4					Required to match conditions
IA 14/MONROE ST	W9-303	W9-304	Match Existing Cross Slope	4	4.00	-0.05	1.2					
IA 14/MONROE ST	W9-304	W9-305	Ramp Running Slope	6	6.13	-0.41	6.7					
IA 14/MONROE ST	W9-305	W9-310	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-305	W9-306	Sidewalk Running Slope	4	15.00	0.15	-1.0					
IA 14/MONROE ST	W9-306	W9-309	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-306	W9-307	Sidewalk Running Slope	4	22.91	-0.20	0.9					
IA 14/MONROE ST	W9-308	W9-307	Sidewalk Cross Slope	4	5.00	0.04	-0.8					
IA 14/MONROE ST	W9-308	W9-309	Sidewalk Running Slope	4	22.91	0.16	-0.7					
IA 14/MONROE ST	W9-309	W9-310	Ramp Running Slope	6	14.97	-0.15	1.0					
IA 14/MONROE ST	W9-310	W9-314	Landing/Turning Space	4	4.03	-0.06	1.5					
IA 14/MONROE ST	W9-310	W9-311	Ramp Running Slope	6	2.99	-0.19	6.4					
IA 14/MONROE ST	W9-311	W9-312	Ramp Running Slope	6	1.48	-0.06	4.1					
IA 14/MONROE ST	W9-311	W9-313	Ramp Cross Slope	6	4.00	-0.02	0.5					
IA 14/MONROE ST	W9-312	W9-313	Crosswalk Cross Slope - No Yield Condition	6	4.30	0.04	-0.9					
IA 14/MONROE ST	W9-313	W9-314	Ramp Running Slope	6	2.98	0.15	-5.0					
IA 14/MONROE ST	W9-314	W9-315	Ramp Running Slope	6	4.90	-0.08	1.6					
IA 14/MONROE ST	W9-400	W9-418	Crosswalk Cross Slope - No Yield Condition	6	10.89	0.16	-1.5					
IA 14/MONROE ST	W9-400	W9-406	Landing/Turning Space	4	6.00	0.11	-1.8		Yes			
IA 14/MONROE ST	W9-400	W9-401	Ramp Running Slope	6	14.13	0.11	-0.8					
IA 14/MONROE ST	W9-401	W9-402	Sidewalk Running Slope	4	0.80	0.01	-1.2					
IA 14/MONROE ST	W9-402	W9-403	Ramp Running Slope	6	16.29	0.96	-5.9					
IA 14/MONROE ST	W9-402	W9-405	Sidewalk Cross Slope	4	5.20	0.07	-1.3					
IA 14/MONROE ST	W9-404	W9-403	Ramp Cross Slope	6	5.04	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-405	W9-404	Ramp Running Slope	6	15.48	0.97	-6.3					
IA 14/MONROE ST	W9-405	W9-406	Sidewalk Running Slope	4	10.74	-0.08	0.7					
IA 14/MONROE ST	W9-406	W9-407	Landing/Turning Space	4	5.16	0.04	-0.8					
IA 14/MONROE ST	W9-407	W9-408	Landing/Turning Space	4	3.02	0.04	-1.3					
IA 14/MONROE ST	W9-408	W9-409	Landing/Turning Space	4	1.00	0.01	-1.0					
IA 14/MONROE ST	W9-409	W9-418	Landing/Turning Space	4	6.77	-0.04	0.6					
IA 14/MONROE ST	W9-409	W9-417	Sidewalk Cross Slope	4	5.10	-0.03	0.6					
IA 14/MONROE ST	W9-409	W9-410	Ramp Running Slope	6	14.51	1.06	-7.3					
IA 14/MONROE ST	W9-410	W9-416	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W9-410	W9-411	Landing/Turning Space	4	1.00	0.01	-1.0					
IA 14/MONROE ST	W9-411	W9-412	Match Existing Cross Slope	4	3.60							Required to match conditions
IA 14/MONROE ST	W9-412	W9-415	Landing/Turning Space	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W9-412	W9-413	Sidewalk Running Slope	4	5.89	0.01	-0.2					
IA 14/MONROE ST	W9-413	W9-414	Match Existing Cross Slope	4	6.00	-0.13	2.2					
IA 14/MONROE ST	W9-414	W9-415	Sidewalk Running Slope	4	5.77	0.03	-0.5					Required to match conditions
IA 14/MONROE ST	W9-415	W9-416	Landing/Turning Space	4	3.60							Drainage issues were considered
IA 14/MONROE ST	W9-416	W9-417	Ramp Running Slope	6	14.58	-1.01	6.9					
IA 14/MONROE ST	W9-417	W9-418	Landing/Turning Space	4	3.40	-0.01	0.3					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W9-300	151+72.58	36.71' RT	921.08
W9-301	151+77.50	36.70' RT	921.08
W9-302	151+82.40	36.70' RT	921.16
W9-303	151+82.74	42.88' RT	921.68
W9-304	151+86.60	42.82' RT	921.63
W9-305	151+86.40	36.70' RT	921.22
W9-306	152+01.40	36.68' RT	921.37
W9-307	152+24.31	36.65' RT	921.17
W9-308	152+24.30	31.65' RT	921.13
W9-309	152+01.39	31.68' RT	921.29
W9-310	151+86.30	31.70' RT	921.14
W9-311	151+86.40	28.70' RT	920.95
W9-312	151+86.39	27.22' RT	920.89
W9-313	151+82.39	28.71' RT	920.93
W9-314	151+82.39	31.70' RT	921.08
W9-315	151+77.49	31.71' RT	921.00
W9-400	151+86.11	31.05' LT	920.94
W9-401	151+99.54	26.65' LT	921.05
W9-402	151+99.56	27.45' LT	921.06
W9-403	152+15.34	31.48' LT	922.02
W9-404	152+14.71	36.48' LT	922.10
W9-405	151+99.71	32.65' LT	921.13
W9-406	151+89.51	35.99' LT	921.05
W9-407	151+85.65	39.47' LT	921.09
W9-408	151+85.54	42.49' LT	921.13
W9-409	151+84.54	42.45' LT	921.14
W9-410	151+84.08	56.96' LT	922.20
W9-411	151+85.08	56.96' LT	922.21
W9-412	151+84.99	60.56' LT	922.21
W9-413	151+84.84	66.45' LT	922.22
W9-414	151+78.84	66.29' LT	922.09
W9-415	151+78.99	60.52' LT	922.12
W9-416	151+79.08	56.92' LT	922.12
W9-417	151+79.44	42.35' LT	921.11
W9-418	151+78.70	39.02' LT	921.10



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.19	

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SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W10-100	W10-130	Crosswalk Cross Slope - No Yield Condition	6	11.95	-0.22	1.8					
IA 14/MONROE ST	W10-100	W10-101	Landing/Turning Space	4	2.00	0.03	-1.5					
IA 14/MONROE ST	W10-101	W10-122	Landing/Turning Space	4	5.00	-0.06	1.2					
IA 14/MONROE ST	W10-101	W10-102	Ramp Running Slope	6	12.79	0.90	-7.0					
IA 14/MONROE ST	W10-102	W10-121	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-103	W10-102	Sidewalk Running Slope	4	3.09	-0.05	1.6					
IA 14/MONROE ST	W10-103	W10-120	Landing/Turning Space	4	5.00	0.06	-1.2					
IA 14/MONROE ST	W10-103	W10-104	Landing/Turning Space	4	3.86	0.02	-0.5					
IA 14/MONROE ST	W10-104	W10-119	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-104	W10-105	Sidewalk Running Slope	4	31.96	0.05	-0.2					Match general street grade
IA 14/MONROE ST	W10-105	W10-118	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-106	W10-117	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-106	W10-107	Sidewalk Running Slope	4	21.71	0.38	-1.8					
IA 14/MONROE ST	W10-107	W10-116	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-107	W10-108	Landing/Turning Space	4	4.13	-0.01	0.2					
IA 14/MONROE ST	W10-108	W10-109	Sidewalk Running Slope	4	13.92	0.01	-0.1					Match general street grade
IA 14/MONROE ST	W10-109	W10-114	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-110	W10-111	Sidewalk Running Slope	4	47.18	0.24	-0.5					Match general street grade
IA 14/MONROE ST	W10-110	W10-113	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-111	W10-112	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-112	W10-113	Sidewalk Running Slope	4	47.18	-0.24	0.5					Match general street grade
IA 14/MONROE ST	W10-114	W10-115	Sidewalk Running Slope	4	13.92	-0.01	0.1					Match general street grade
IA 14/MONROE ST	W10-115	W10-116	Match Existing Cross Slope	4	4.13	0.01	-0.2					
IA 14/MONROE ST	W10-116	W10-117	Sidewalk Running Slope	4	21.71	-0.37	1.7					
IA 14/MONROE ST	W10-118	W10-119	Sidewalk Running Slope	4	31.96	-0.05	0.2					Match general street grade
IA 14/MONROE ST	W10-119	W10-120	Landing/Turning Space	4	3.86	-0.04	1.0					
IA 14/MONROE ST	W10-120	W10-121	Sidewalk Running Slope	4	3.09	-0.03	1.0					
IA 14/MONROE ST	W10-121	W10-122	Ramp Running Slope	6	12.79	-1.04	8.1		Yes			
IA 14/MONROE ST	W10-122	W10-123	Landing/Turning Space	4	4.61	-0.08	1.7		Yes			
IA 14/MONROE ST	W10-123	W10-124	Landing/Turning Space	4	2.42	-0.02	0.8					
IA 14/MONROE ST	W10-124	W10-129	Landing/Turning Space	4	4.02	-0.06	1.5					
IA 14/MONROE ST	W10-124	W10-125	Ramp Running Slope	6	11.00	0.79	-7.2					
IA 14/MONROE ST	W10-125	W10-126	Ramp Running Slope	6	4.00	0.16	-4.0					
IA 14/MONROE ST	W10-125	W10-128	Ramp Cross Slope	6	4.00	-0.05	1.2					
IA 14/MONROE ST	W10-126	W10-127	Match Existing Cross Slope	4	2.72	0.13	-4.8					
IA 14/MONROE ST	W10-127	W10-128	Ramp Running Slope	6	4.21	-0.34	8.1		Yes			Required to match conditions
IA 14/MONROE ST	W10-128	W10-129	Ramp Running Slope	6	11.03	-0.80	7.3					
IA 14/MONROE ST	W10-129	W10-130	Landing/Turning Space	4	1.65	-0.03	1.8		Yes			
IA 14/MONROE ST	W10-200	W10-225	Crosswalk Cross Slope - No Yield Condition	6	8.61	-0.01	0.1					
IA 14/MONROE ST	W10-200	W10-201	Landing/Turning Space	4	1.05	0.01	-1.0					
IA 14/MONROE ST	W10-201	W10-202	Landing/Turning Space	4	0.53	0.01	-1.9		Yes			
IA 14/MONROE ST	W10-202	W10-215	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-202	W10-203	Sidewalk Running Slope	4	4.60	0.07	-1.5					
IA 14/MONROE ST	W10-203	W10-214	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-203	W10-204	Ramp Running Slope	6	10.03	0.77	-7.7		Yes			
IA 14/MONROE ST	W10-204	W10-213	Ramp Cross Slope	6	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-204	W10-205	Sidewalk Running Slope	4	52.74	0.32	-0.6					
IA 14/MONROE ST	W10-205	W10-212	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-206	W10-211	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-206	W10-207	Sidewalk Running Slope	4	13.29	0.05	-0.4					Match general street grade
IA 14/MONROE ST	W10-207	W10-210	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-208	W10-209	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-210	W10-211	Sidewalk Running Slope	4	13.32	-0.05	0.4					Match general street grade
IA 14/MONROE ST	W10-212	W10-213	Sidewalk Running Slope	4	52.74	-0.32	0.6					
IA 14/MONROE ST	W10-213	W10-214	Ramp Running Slope	6	10.03	-0.76	7.6		Yes			
IA 14/MONROE ST	W10-214	W10-215	Sidewalk Running Slope	4	4.60	-0.08	1.7					
IA 14/MONROE ST	W10-215	W10-216	Landing/Turning Space	4	0.94	-0.01	1.1					
IA 14/MONROE ST	W10-216	W10-217	Landing/Turning Space	4	1.08	0.02	-1.9		Yes			
IA 14/MONROE ST	W10-217	W10-224	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W10-217	W10-218	Ramp Running Slope	6	3.93	0.31	-7.9		Yes			
IA 14/MONROE ST	W10-218	W10-223	Ramp Cross Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W10-218	W10-219	Ramp Running Slope	6	5.00	0.40	-8.0		Yes			
IA 14/MONROE ST	W10-219	W10-222	Ramp Cross Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W10-219	W10-220	Sidewalk Running Slope	4	5.11	0.11	-2.2					
IA 14/MONROE ST	W10-220	W10-221	Match Existing Cross Slope	4	3.79	-0.11	2.9					
IA 14/MONROE ST	W10-221	W10-222	Sidewalk Running Slope	4	4.87	-0.07	1.4					
IA 14/MONROE ST	W10-222	W10-223	Ramp Running Slope	6	5.00	-0.40	8.0		Yes			
IA 14/MONROE ST	W10-223	W10-224	Ramp Running Slope	6	4.02	-0.32	8.0		Yes			
IA 14/MONROE ST	W10-224	W10-225	Landing/Turning Space	4	1.85	-0.03	1.6		Yes			

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W10-100	154+40.34	29.61' RT	919.00
W10-101	154+39.39	31.35' RT	919.03
W10-102	154+26.60	31.39' RT	919.93
W10-103	154+23.51	31.40' RT	919.98
W10-104	154+19.66	31.40' RT	920.00
W10-105	153+87.69	31.44' RT	920.05
W10-105	153+87.69	31.44' RT	920.05
W10-106	153+72.13	31.46' RT	920.15
W10-106	153+72.13	31.46' RT	920.15
W10-107	153+50.42	31.49' RT	920.53
W10-107	153+50.42	31.49' RT	920.53
W10-108	153+46.29	31.50' RT	920.52
W10-108	153+46.29	31.50' RT	920.52
W10-109	153+32.38	31.51' RT	920.53
W10-109	153+32.38	31.51' RT	920.53
W10-110	153+12.52	31.54' RT	920.61
W10-111	152+65.34	31.60' RT	920.85
W10-112	152+65.35	36.60' RT	920.92
W10-113	153+12.53	36.54' RT	920.68
W10-114	153+32.39	36.51' RT	920.60
W10-115	153+46.30	36.50' RT	920.59
W10-116	153+50.43	36.49' RT	920.60
W10-117	153+72.14	36.46' RT	920.23
W10-118	153+87.70	36.44' RT	920.13
W10-119	154+19.66	36.40' RT	920.08
W10-120	154+23.52	36.41' RT	920.04
W10-121	154+26.61	36.39' RT	920.01
W10-122	154+39.40	36.38' RT	918.97
W10-123	154+44.01	36.37' RT	918.89
W10-124	154+44.09	38.79' RT	918.87
W10-125	154+44.32	49.79' RT	919.66
W10-126	154+44.44	53.79' RT	919.82
W10-127	154+47.16	53.70' RT	919.95
W10-128	154+48.34	49.66' RT	919.61
W10-129	154+48.09	38.64' RT	918.81
W10-130	154+49.30	37.52' RT	918.78
W10-200	154+40.38	30.76' LT	919.12
W10-201	154+39.80	31.63' LT	919.13
W10-202	154+39.28	31.63' LT	919.14
W10-203	154+34.68	31.62' LT	919.21
W10-204	154+24.66	31.59' LT	919.98
W10-205	153+72.00	31.44' LT	920.30
W10-206	153+34.83	31.62' LT	920.40
W10-207	153+21.54	31.60' LT	920.45
W10-208	152+98.09	31.57' LT	920.66
W10-209	152+98.08	36.54' LT	920.73
W10-210	153+21.53	36.60' LT	920.52
W10-211	153+34.86	36.62' LT	920.47
W10-212	153+71.90	36.44' LT	920.37
W10-213	154+24.64	36.59' LT	920.05
W10-214	154+34.67	36.62' LT	919.29
W10-215	154+39.26	36.63' LT	919.21
W10-216	154+40.20	36.63' LT	919.20
W10-217	154+40.17	37.71' LT	919.22
W10-218	154+40.05	41.64' LT	919.53
W10-219	154+39.91	46.63' LT	919.93
W10-220	154+40.97	51.64' LT	920.04

SIDEWALK COMPLIANCE

See S Sheets

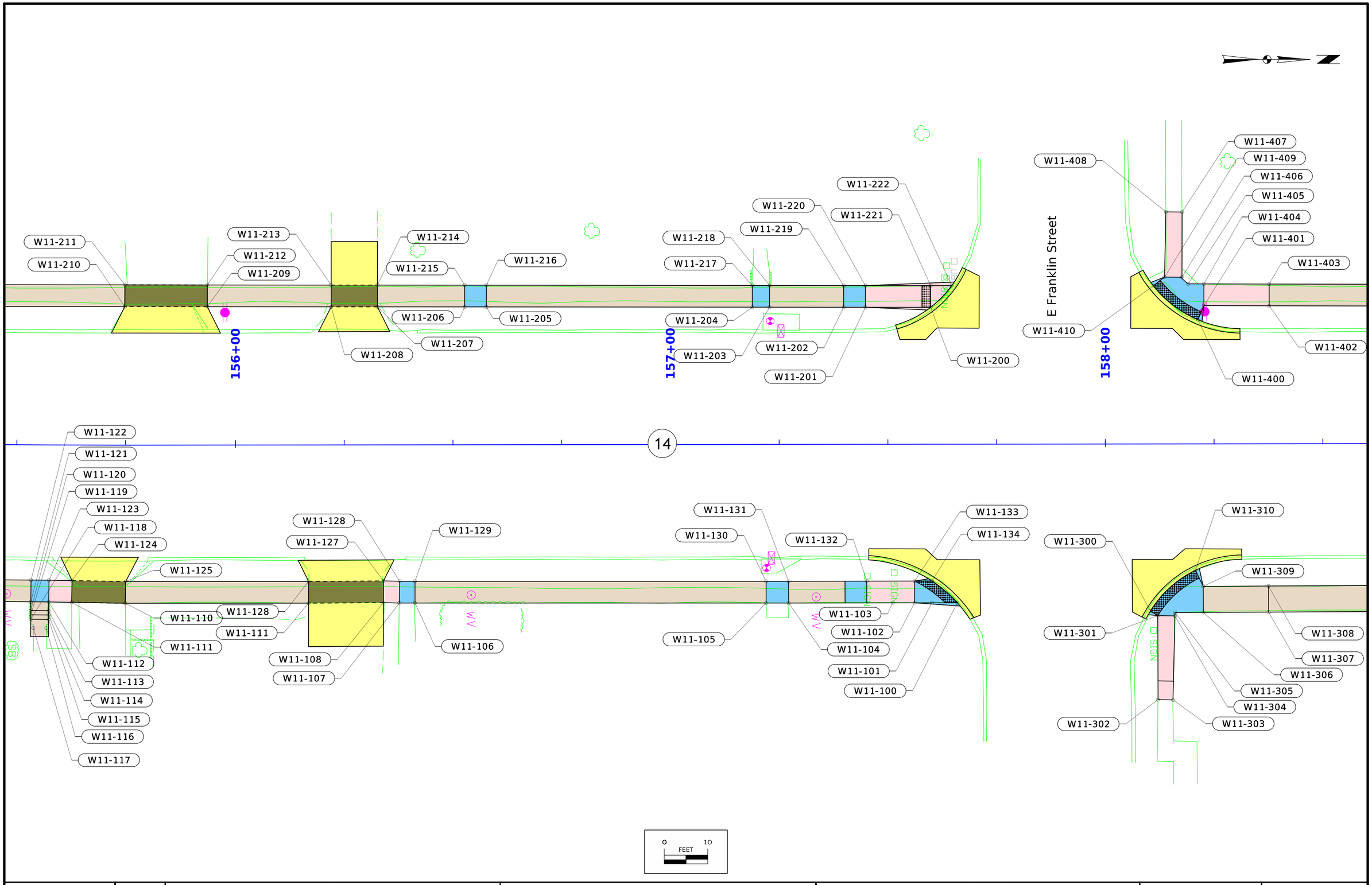
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W10-300	W10-314	Crosswalk Cross Slope - No Yield Condition	6	11.64							
IA 14/MONROE ST	W10-300	W10-301	Landing/Turning Space	4	2.57	0.04	-1.6		Yes			
IA 14/MONROE ST	W10-301	W10-306	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-301	W10-302	Sidewalk Running Slope	4	23.44	0.39	-1.7					
IA 14/MONROE ST	W10-302	W10-305	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-302	W10-303	Landing/Turning Space	4	3.91	0.01	-0.3					
IA 14/MONROE ST	W10-303	W10-304	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-304	W10-305	Landing/Turning Space	4	3.89	-0.01	0.3					
IA 14/MONROE ST	W10-305	W10-306	Sidewalk Running Slope	4	23.44	-0.38	1.6					
IA 14/MONROE ST	W10-306	W10-307	Landing/Turning Space	4	1.04	-0.02	1.9		Yes			
IA 14/MONROE ST	W10-307	W10-308	Landing/Turning Space	4	3.93	0.06	-1.5					
IA 14/MONROE ST	W10-308	W10-313	Landing/Turning Space	4	4.00	-0.06	1.5					
IA 14/MONROE ST	W10-308	W10-309	Ramp Running Slope	6	6.07	0.46	-7.6		Yes			
IA 14/MONROE ST	W10-309	W10-312	Ramp Cross Slope	6	4.00	-0.04	1.0					
IA 14/MONROE ST	W10-309	W10-310	Ramp Running Slope	6	4.00	0.29	-7.2					
IA 14/MONROE ST	W10-310	W10-311	Match Existing Cross Slope	4	2.92							
IA 14/MONROE ST	W10-311	W10-312	Ramp Running Slope	6	4.15	-0.33	8.0		Yes			
IA 14/MONROE ST	W10-312	W10-313	Ramp Running Slope	6	6.04	-0.48	7.9		Yes			
IA 14/MONROE ST	W10-313	W10-314	Landing/Turning Space	4	6.50	-0.10	1.5					
IA 14/MONROE ST	W10-400	W10-416	Crosswalk Cross Slope - No Yield Condition	6	10.30	0.08	-0.8					
IA 14/MONROE ST	W10-400	W10-401	Landing/Turning Space	4	1.92	0.03	-1.6		Yes			
IA 14/MONROE ST	W10-401	W10-408	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W10-401	W10-402	Sidewalk Running Slope	4	15.00	0.43	-2.9					
IA 14/MONROE ST	W10-402	W10-407	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-402	W10-403	Sidewalk Running Slope	4	21.81	-0.36	1.7					
IA 14/MONROE ST	W10-403	W10-406	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-403	W10-404	Landing/Turning Space	4	3.29	-0.01	0.3					
IA 14/MONROE ST	W10-404	W10-405	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W10-405	W10-406	Landing/Turning Space	4	3.30	0.01	-0.3					
IA 14/MONROE ST	W10-407	W10-406	Sidewalk Running Slope	4	21.81	-0.36	1.7					
IA 14/MONROE ST	W10-407	W10-408	Sidewalk Running Slope	4	15.00	-0.42	2.8					
IA 14/MONROE ST	W10-408	W10-409	Landing/Turning Space	4	1.00	-0.01	1.0					
IA 14/MONROE ST	W10-409	W10-410	Landing/Turning Space	4	2.18	0.03	-1.4					
IA 14/MONROE ST	W10-410	W10-415	Landing/Turning Space	4	5.08							Drainage issues were considered
IA 14/MONROE ST	W10-410	W10-411	Ramp Running Slope	6	15.00	1.58	10.5					15 feet at uniform running slope
IA 14/MONROE ST	W10-411	W10-414	Ramp Running Slope	6	5.10							Drainage issues were considered
IA 14/MONROE ST	W10-411	W10-412	Ramp Running Slope	6	5.00	0.25	-5.0					
IA 14/MONROE ST	W10-412	W10-413	Match Existing Cross Slope	4	3.29	-0.03	0.9					
IA 14/MONROE ST	W10-413	W10-414	Ramp Running Slope	6	5.33	-0.22	4.1					
IA 14/MONROE ST	W10-414	W10-415	Ramp Running Slope	6	15.00	-1.58	10.5					15 feet at uniform running slope
IA 14/MONROE ST	W10-415	W10-416	Landing/Turning Space	4	3.48	-0.05	1.4					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W10-221	154+44.76	51.65' LT	919.93
W10-222	154+44.90	46.78' LT	919.86
W10-223	154+45.05	41.78' LT	919.46
W10-224	154+45.17	37.77' LT	919.14
W10-225	154+46.65	36.65' LT	919.11
W10-300	155+02.11	29.10' RT	918.37
W10-301	155+03.23	31.40' RT	918.41
W10-302	155+26.49	31.19' RT	918.80
W10-303	155+30.36	31.09' RT	918.81
W10-304	155+30.37	36.09' RT	918.88
W10-305	155+26.52	36.19' RT	918.87
W10-306	155+03.29	36.40' RT	918.49
W10-307	155+02.26	36.41' RT	918.47
W10-308	155+02.34	40.34' RT	918.53
W10-309	155+02.47	46.41' RT	918.99
W10-310	155+02.52	50.41' RT	919.28
W10-311	154+99.64	50.45' RT	919.28
W10-312	154+98.51	46.46' RT	918.95
W10-313	154+98.38	40.43' RT	918.47
W10-314	154+93.23	36.54' RT	918.37
W10-400	155+01.04	29.52' LT	918.50
W10-401	155+01.98	31.20' LT	918.53
W10-402	155+17.10	31.45' LT	918.96
W10-403	155+39.08	31.71' LT	918.60
W10-404	155+42.40	31.74' LT	918.59
W10-405	155+42.35	36.74' LT	918.66
W10-406	155+39.04	36.71' LT	918.67
W10-407	155+17.02	36.45' LT	919.03
W10-408	155+01.88	36.27' LT	918.61
W10-409	155+00.87	36.18' LT	918.60
W10-410	155+00.82	38.36' LT	918.63
W10-411	155+00.47	53.35' LT	920.21



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.22	

SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W11-100	W11-136	Crosswalk Cross Slope - No Yield Condition	6	7.66	-0.10	1.3					
IA 14/MONROE ST	W11-100	W11-101	Landing/Turning Space	4	5.82	-0.03	0.5					
IA 14/MONROE ST	W11-101	W11-136	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-102	W11-101	Landing/Turning Space	4	4.01	-0.07	1.7		Yes			
IA 14/MONROE ST	W11-102	W11-135	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W11-102	W11-103	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W11-103	W11-134	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W11-103	W11-104	Sidewalk Running Slope	4	23.95	0.41	-1.7					
IA 14/MONROE ST	W11-104	W11-133	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-104	W11-105	Landing/Turning Space	4	5.18	0.04	-0.8					
IA 14/MONROE ST	W11-105	W11-106	Sidewalk Running Slope	4	80.74	0.61	-0.8					
IA 14/MONROE ST	W11-106	W11-131	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-106	W11-109	Landing/Turning Space	4	3.60	-0.02	0.6					
IA 14/MONROE ST	W11-106	W11-107	Sidewalk Running Slope	4	5.00	0.09	-1.8					
IA 14/MONROE ST	W11-107	W11-108	Match Existing Cross Slope	4	3.69	-0.02	0.5					
IA 14/MONROE ST	W11-108	W11-109	Sidewalk Running Slope	4	5.00	-0.09	1.8					
IA 14/MONROE ST	W11-109	W11-130	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-109	W11-110	Ramp Running Slope	6	3.66	-0.27	7.4		Yes			
IA 14/MONROE ST	W11-110	W11-129	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W11-111	W11-128	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W11-111	W11-112	Sidewalk Running Slope	4	42.16	1.15	-2.7					
IA 14/MONROE ST	W11-112	W11-127	Sidewalk Cross Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-113	W11-126	Sidewalk Cross Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-113	W11-114	Sidewalk Running Slope	4	5.29	0.16	-3.0					
IA 14/MONROE ST	W11-114	W11-123	Landing/Turning Space	4	4.11	0.03	-0.7					
IA 14/MONROE ST	W11-114	W11-115	Sidewalk Running Slope	4	2.00	0.05	-2.5					
IA 14/MONROE ST	W11-115	W11-122	Sidewalk Cross Slope	4	4.11	0.03	-0.7					Install Step
IA 14/MONROE ST	W11-116	W11-121	Sidewalk Cross Slope	4	4.11	0.03	-0.7					Install Step
IA 14/MONROE ST	W11-117	W11-120	Sidewalk Cross Slope	4	4.11	0.03	-0.7					
IA 14/MONROE ST	W11-118	W11-119	Match Existing Cross Slope	4	2.99	0.05	-1.7					
IA 14/MONROE ST	W11-118	W11-117	Sidewalk Running Slope	4	2.06	-0.02	1.0					
IA 14/MONROE ST	W11-119	W11-120	Sidewalk Running Slope	4	2.10	-0.04	1.9					
IA 14/MONROE ST	W11-123	W11-124	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W11-124	W11-125	Landing/Turning Space	4	4.14	-0.03	0.7					
IA 14/MONROE ST	W11-125	W11-126	Sidewalk Running Slope	4	5.29	-0.16	3.0					
IA 14/MONROE ST	W11-127	W11-128	Sidewalk Running Slope	4	42.07	-1.16	2.8					
IA 14/MONROE ST	W11-129	W11-130	Ramp Running Slope	6	3.74	0.28	-7.5		Yes			
IA 14/MONROE ST	W11-130	W11-131	Landing/Turning Space	4	3.51	0.02	-0.6					
IA 14/MONROE ST	W11-131	W11-132	Sidewalk Running Slope	4	80.74	-0.61	0.8					
IA 14/MONROE ST	W11-132	W11-133	Landing/Turning Space	4	5.17	-0.04	0.8					
IA 14/MONROE ST	W11-133	W11-134	Sidewalk Running Slope	4	23.98	-0.42	1.8					
IA 14/MONROE ST	W11-134	W11-135	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W11-135	W11-136	Landing/Turning Space	4	3.99	-0.06	1.5					
IA 14/MONROE ST	W11-200	W11-222	Crosswalk Cross Slope - No Yield Condition	6	6.96							
IA 14/MONROE ST	W11-200	W11-221	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W11-200	W11-201	Ramp Running Slope	6	15.00	0.46	-3.1					
IA 14/MONROE ST	W11-201	W11-220	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-201	W11-202	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-202	W11-219	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W11-202	W11-203	Sidewalk Running Slope	4	17.05	0.07	-0.4					Match general street grade
IA 14/MONROE ST	W11-203	W11-218	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-204	W11-203	Landing/Turning Space	4	3.97	-0.03	0.8					
IA 14/MONROE ST	W11-204	W11-217	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-204	W11-205	Sidewalk Running Slope	4	61.12	0.34	-0.6					Match general street grade
IA 14/MONROE ST	W11-205	W11-216	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-205	W11-206	Landing/Turning Space	4	5.00	0.05	-1.0					
IA 14/MONROE ST	W11-206	W11-215	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-207	W11-206	Sidewalk Running Slope	4	20.05	-0.07	0.3					
IA 14/MONROE ST	W11-207	W11-214	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W11-208	W11-213	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W11-208	W11-209	Sidewalk Running Slope	4	31.62	0.64	-2.0					
IA 14/MONROE ST	W11-209	W11-212	Sidewalk Cross Slope	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W11-210	W11-211	Sidewalk Cross Slope	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W11-212	W11-213	Sidewalk Running Slope	4	31.59	-0.63	2.0					
IA 14/MONROE ST	W11-214	W11-215	Sidewalk Running Slope	4	20.05	-0.08	0.4					Match general street grade
IA 14/MONROE ST	W11-215	W11-216	Landing/Turning Space	4	5.00	-0.05	1.0					
IA 14/MONROE ST	W11-216	W11-217	Sidewalk Running Slope	4	61.12	-0.34	0.6					
IA 14/MONROE ST	W11-217	W11-218	Landing/Turning Space	4	3.97	-0.03	0.8					
IA 14/MONROE ST	W11-218	W11-219	Sidewalk Running Slope	4	17.05	-0.06	0.4					Match general street grade
IA 14/MONROE ST	W11-219	W11-220	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W11-220	W11-221	Ramp Running Slope	6	15.00	-0.45	3.0					
IA 14/MONROE ST	W11-221	W11-222	Ramp Running Slope	6	4.85	-0.08	1.6					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W10-412	155+00.40	58.35' LT	920.46
W10-413	154+97.06	58.27' LT	920.43
W10-414	154+95.31	53.22' LT	920.21
W10-415	154+95.69	38.23' LT	918.63
W10-416	154+92.99	36.02' LT	918.58
W11-100	157+65.91	36.45' RT	915.79
W11-101	157+60.10	36.43' RT	915.76
W11-102	157+56.09	36.59' RT	915.83
W11-103	157+51.09	36.46' RT	915.91
W11-104	157+27.14	36.48' RT	916.32
W11-105	157+21.97	36.47' RT	916.36
W11-106	156+41.23	36.37' RT	916.97
W11-107	156+41.22	41.38' RT	917.06
W11-108	156+37.53	41.35' RT	917.04
W11-109	156+37.64	36.35' RT	916.95
W11-110	156+33.97	36.28' RT	916.68
W11-111	156+16.77	36.36' RT	916.84
W11-112	155+74.96	36.35' RT	917.99
W11-113	155+62.75	36.17' RT	918.24
W11-114	155+57.51	36.11' RT	918.40
W11-115	155+57.51	38.11' RT	918.45
W11-116	155+57.51	39.11' RT	918.95
W11-117	155+57.50	40.10' RT	919.45
W11-118	155+57.02	42.11' RT	919.47
W11-119	155+54.07	42.11' RT	919.52
W11-120	155+53.44	40.11' RT	919.48
W11-121	155+53.44	39.11' RT	918.98
W11-122	155+53.44	38.11' RT	918.48
W11-123	155+53.44	36.11' RT	918.43
W11-124	155+53.46	31.11' RT	918.36
W11-125	155+57.57	31.11' RT	918.33
W11-126	155+62.81	31.17' RT	918.17
W11-127	155+75.05	31.35' RT	917.92
W11-128	156+16.78	31.36' RT	916.76
W11-129	156+33.98	31.28' RT	916.60
W11-130	156+37.72	31.35' RT	916.88
W11-131	156+41.23	31.38' RT	916.90
W11-132	156+21.97	31.47' RT	916.29
W11-133	157+27.14	31.48' RT	916.25
W11-134	157+51.12	31.46' RT	915.83
W11-135	157+56.12	31.46' RT	915.75
W11-136	157+60.11	31.46' RT	915.69
W11-200	157+59.88	31.48' LT	916.22
W11-201	157+44.87	31.51' LT	916.68
W11-202	157+39.87	31.52' LT	916.75
W11-203	157+22.83	31.56' LT	916.82
W11-204	157+18.86	31.57' LT	916.85
W11-205	157+57.73	31.70' LT	917.19
W11-206	157+52.73	31.71' LT	917.24
W11-207	156+32.68	31.75' LT	917.31
W11-208	156+22.02	31.78' LT	917.43
W11-209	155+90.41	31.85' LT	918.07
W11-210	155+74.81	31.87' LT	918.29
W11-211	155+74.81	36.87' LT	918.38
W11-212	155+90.42	36.85' LT	918.14
W11-213	156+22.01	36.78' LT	917.51
W11-214	156+32.69	36.75' LT	917.39
W11-215	156+52.74	36.71' LT	917.31
W11-216	156+57.74	36.70' LT	917.26
W11-217	157+18.87	36.57' LT	916.92

SIDEWALK COMPLIANCE

See S Sheets

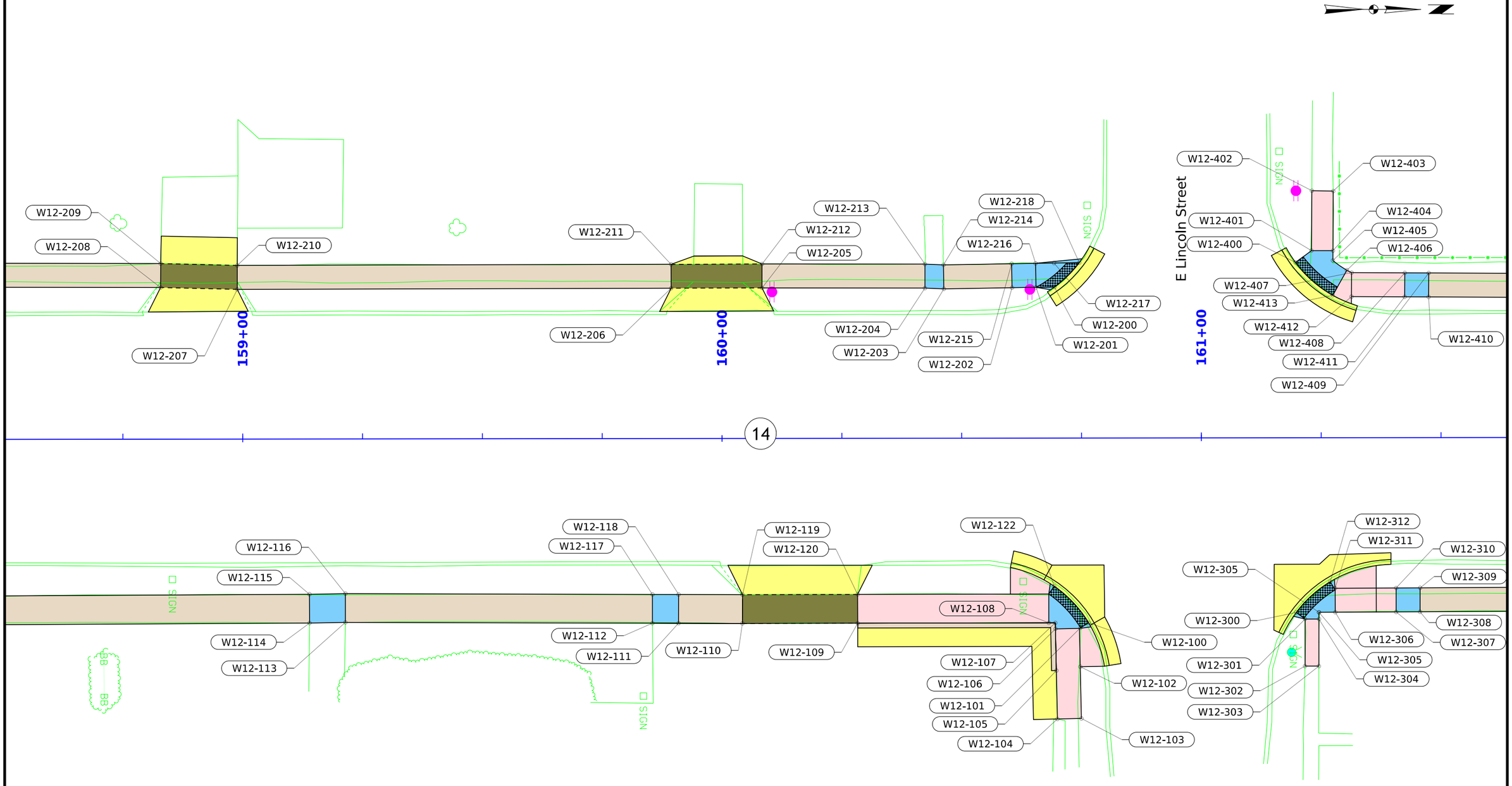
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W11-300	W11-310	Crosswalk Cross Slope - No Yield Condition	6	13.97	0.38	-2.7					
IA 14/MONROE ST	W11-300	W11-301	Landing/Turning Space	4	2.00	0.03	-1.5					
IA 14/MONROE ST	W11-301	W11-302	Sidewalk Running Slope	4	19.33	0.38	-2.0					
IA 14/MONROE ST	W11-302	W11-303	Match Existing Cross Slope	4	3.46	0.14	-4.0					
IA 14/MONROE ST	W11-304	W11-303	Sidewalk Running Slope	4	19.33	0.45	-2.3					
IA 14/MONROE ST	W11-304	W11-301	Landing/Turning Space	4	3.95	-0.07	1.8		Yes			
IA 14/MONROE ST	W11-304	W11-305	Landing/Turning Space	4	0.77	-0.01	1.3					
IA 14/MONROE ST	W11-305	W11-306	Landing/Turning Space	4	6.51	0.12	-1.8		Yes			
IA 14/MONROE ST	W11-306	W11-309	Landing/Turning Space	4	6.00	0.11	-1.8		Yes			
IA 14/MONROE ST	W11-306	W11-307	Ramp Running Slope	6	15.00	0.98	-6.5					
IA 14/MONROE ST	W11-307	W11-308	Ramp Cross Slope	6	6.00	-0.09	1.5					
IA 14/MONROE ST	W11-308	W11-309	Ramp Running Slope	6	15.00	-0.78	5.2					
IA 14/MONROE ST	W11-309	W11-310	Landing/Turning Space	4	4.11	0.06	-1.5					
IA 14/MONROE ST	W11-309	W11-306	Landing/Turning Space	4	6.00	-0.11	1.8		Yes			
IA 14/MONROE ST	W11-400	W11-410	Crosswalk Cross Slope - No Yield Condition	6	12.84	-0.09	0.7					
IA 14/MONROE ST	W11-400	W11-401	Landing/Turning Space	4	3.52	0.05	-1.4					
IA 14/MONROE ST	W11-401	W11-404	Landing/Turning Space	4	5.00	0.04	-0.8					
IA 14/MONROE ST	W11-401	W11-402	Ramp Running Slope	6	15.00	0.98	-6.5					
IA 14/MONROE ST	W11-402	W11-403	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W11-403	W11-404	Ramp Running Slope	6	15.00	-1.02	6.8					
IA 14/MONROE ST	W11-404	W11-405	Landing/Turning Space	4	3.63	-0.04	1.1					
IA 14/MONROE ST	W11-405	W11-406	Landing/Turning Space	4	2.09	-0.03	1.4					
IA 14/MONROE ST	W11-406	W11-409	Landing/Turning Space	4	4.00	-0.06	1.5					
IA 14/MONROE ST	W11-406	W11-407	Ramp Running Slope	6	15.00	1.51	10.1					15 feet at uniform running slope
IA 14/MONROE ST	W11-407	W11-408	Ramp Cross Slope	6	3.73	0.02	-0.5					
IA 14/MONROE ST	W11-408	W11-409	Ramp Running Slope	6	15.00	-1.59	10.6					15 feet at uniform running slope
IA 14/MONROE ST	W11-409	W11-410	Landing/Turning Space	4	3.23	-0.05	1.5					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W11-218	157+22.84	36.56' LT	916.89
W11-219	157+39.88	36.52' LT	916.83
W11-220	157+44.88	36.51' LT	916.75
W11-221	157+59.88	36.48' LT	916.30
W11-222	157+64.73	36.46' LT	916.22
W11-300	158+10.23	38.41' RT	915.64
W11-301	158+12.01	39.46' RT	915.67
W11-302	158+12.03	58.79' RT	916.05
W11-303	158+15.49	58.87' RT	916.19
W11-304	158+15.96	39.54' RT	915.74
W11-305	158+15.98	38.77' RT	915.73
W11-306	158+22.49	38.75' RT	915.85
W11-307	158+37.49	38.68' RT	916.83
W11-308	158+37.47	32.68' RT	916.74
W11-309	158+22.47	32.75' RT	915.96
W11-310	158+20.68	29.05' RT	916.02
W11-400	156+21.31	28.57' LT	916.75
W11-401	158+22.69	31.81' LT	916.80
W11-402	158+37.69	31.76' LT	917.78
W11-403	158+37.71	36.76' LT	917.86
W11-404	158+22.71	36.81' LT	916.84
W11-405	158+19.08	36.82' LT	916.80



14

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.25	

SIDEWALK COMPLIANCE

See S Sheets

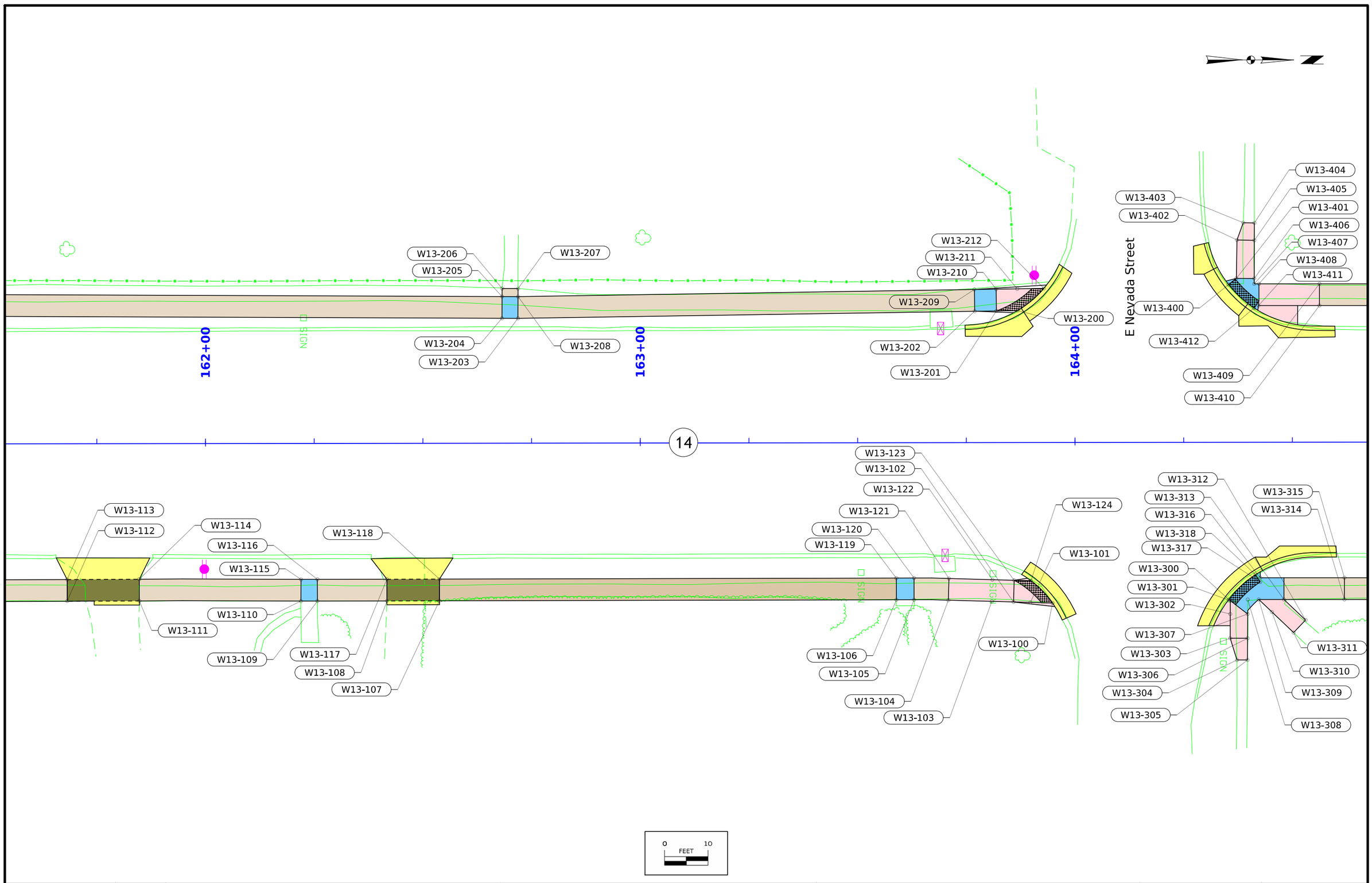
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W12-100	W12-122	Crosswalk Cross Slope - No Yield Condition	6	10.48	0.03	-0.3					
IA 14/MONROE ST	W12-100	W12-101	Landing/Turning Space	4	2.23	0.03	-1.3					
IA 14/MONROE ST	W12-101	W12-102	Ramp Running Slope	6	8.69	0.44	-5.1					
IA 14/MONROE ST	W12-102	W12-105	Ramp Cross Slope	6	6.00	0.08	-1.3					
IA 14/MONROE ST	W12-102	W12-103	Sidewalk Running Slope	4	10.00	-0.02	0.2					Match general street grade
IA 14/MONROE ST	W12-103	W12-104	Match Existing Cross Slope	4	6.00	0.15	-2.5					
IA 14/MONROE ST	W12-104	W12-105	Sidewalk Running Slope	4	10.00	-0.05	0.5					Match general street grade
IA 14/MONROE ST	W12-105	W12-106	Ramp Running Slope	6	8.70	-0.44	5.1					
IA 14/MONROE ST	W12-106	W12-107	Landing/Turning Space	4	1.26	-0.02	1.6		Yes			
IA 14/MONROE ST	W12-107	W12-108	Landing/Turning Space	4	1.37	0.02	-1.5					
IA 14/MONROE ST	W12-108	W12-121	Landing/Turning Space	4	6.00	-0.05	0.8					
IA 14/MONROE ST	W12-108	W12-109	Sidewalk Running Slope	4	39.00	0.87	-2.2					
IA 14/MONROE ST	W12-109	W12-120	Sidewalk Cross Slope	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W12-110	W12-119	Sidewalk Cross Slope	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W12-110	W12-111	Sidewalk Running Slope	4	13.30	0.06	-0.5					Match general street grade
IA 14/MONROE ST	W12-111	W12-118	Landing/Turning Space	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W12-111	W12-112	Landing/Turning Space	4	5.45	0.07	-1.3					
IA 14/MONROE ST	W12-112	W12-117	Landing/Turning Space	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W12-112	W12-113	Sidewalk Running Slope	4	64.05	-0.09	0.1					Match general street grade
IA 14/MONROE ST	W12-113	W12-116	Landing/Turning Space	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W12-113	W12-114	Landing/Turning Space	4	7.47	-0.04	0.5					
IA 14/MONROE ST	W12-114	W12-115	Landing/Turning Space	4	6.00	-0.09	1.5					
IA 14/MONROE ST	W12-115	W12-116	Landing/Turning Space	4	7.51	0.04	-0.5					
IA 14/MONROE ST	W12-117	W12-116	Sidewalk Running Slope	4	64.06	-0.09	0.1					Match general street grade
IA 14/MONROE ST	W12-117	W12-118	Landing/Turning Space	4	5.45	-0.07	1.3					
IA 14/MONROE ST	W12-118	W12-119	Sidewalk Running Slope	4	13.33	-0.06	0.5					Match general street grade
IA 14/MONROE ST	W12-120	W12-121	Sidewalk Running Slope	4	39.87	-0.83	2.1					
IA 14/MONROE ST	W12-121	W12-122	Landing/Turning Space	4	2.00	-0.03	1.5					
IA 14/MONROE ST	W12-200	W12-218	Crosswalk Cross Slope - No Yield Condition	6	7.27	0.19	-2.6					
IA 14/MONROE ST	W12-200	W12-217	Landing/Turning Space	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W12-200	W12-201	Landing/Turning Space	4	3.85	0.06	-1.6		Yes			
IA 14/MONROE ST	W12-201	W12-216	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W12-201	W12-202	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W12-202	W12-215	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W12-202	W12-203	Ramp Running Slope	6	14.21	0.47	-3.3					
IA 14/MONROE ST	W12-203	W12-214	Landing/Turning Space	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W12-203	W12-204	Landing/Turning Space	4	3.96	0.02	-0.5					
IA 14/MONROE ST	W12-204	W12-213	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W12-205	W12-204	Sidewalk Running Slope	4	33.98	0.21	-0.6					
IA 14/MONROE ST	W12-205	W12-212	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W12-206	W12-211	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W12-206	W12-207	Sidewalk Running Slope	4	90.51	-0.31	0.3					Match general street grade
IA 14/MONROE ST	W12-207	W12-210	Sidewalk Cross Slope	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W12-208	W12-209	Sidewalk Cross Slope	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W12-210	W12-211	Sidewalk Running Slope	4	90.51	0.30	-0.3					Match general street grade
IA 14/MONROE ST	W12-212	W12-213	Sidewalk Running Slope	4	33.98	0.20	-0.6					
IA 14/MONROE ST	W12-213	W12-214	Match Existing Cross Slope	4	3.88							
IA 14/MONROE ST	W12-214	W12-215	Ramp Running Slope	6	14.21	-0.49	3.4					
IA 14/MONROE ST	W12-215	W12-216	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W12-216	W12-217	Landing/Turning Space	4	3.85	-0.05	1.3					
IA 14/MONROE ST	W12-217	W12-218	Landing/Turning Space	4	5.27	0.10	-1.9		Yes			

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W11-406	158+17.65	38.34' LT	916.77
W11-407	158+17.71	53.34' LT	918.28
W11-408	158+13.98	53.44' LT	918.30
W11-409	158+13.65	38.37' LT	916.71
W11-410	158+11.11	36.37' LT	916.66
W12-100	160+76.43	38.55' RT	916.95
W12-101	160+74.52	39.68' RT	916.98
W12-102	160+74.70	48.37' RT	917.42
W12-103	160+74.91	58.48' RT	917.40
W12-104	160+69.91	58.58' RT	917.55
W12-105	160+69.70	48.48' RT	917.50
W12-106	160+69.51	39.78' RT	917.06
W12-107	160+69.49	38.53' RT	917.04
W12-108	160+68.12	38.53' RT	917.06
W12-109	160+28.25	38.54' RT	917.93
W12-110	160+04.21	38.57' RT	917.98
W12-111	159+90.88	38.52' RT	918.04
W12-112	159+85.42	38.50' RT	918.11
W12-113	159+21.37	38.25' RT	918.02
W12-114	159+13.91	38.38' RT	917.98
W12-115	159+13.88	32.33' RT	917.89
W12-116	159+21.39	32.25' RT	917.93
W12-117	159+85.45	32.50' RT	918.02
W12-118	159+90.90	32.62' RT	917.95
W12-119	160+04.23	32.57' RT	917.89
W12-120	160+28.25	32.54' RT	917.84
W12-121	160+68.12	32.53' RT	917.01
W12-122	160+69.26	30.88' RT	916.98
W12-200	160+69.38	31.51' LT	917.68
W12-201	160+65.53	31.45' LT	917.74
W12-202	160+60.53	31.37' LT	917.82
W12-203	160+46.32	31.16' LT	918.29
W12-204	160+42.36	31.31' LT	918.31
W12-205	160+08.38	31.40' LT	918.10
W12-206	159+89.42	31.35' LT	918.23
W12-207	158+98.91	31.22' LT	917.92
W12-208	158+82.91	31.62' LT	918.00
W12-209	158+82.92	36.62' LT	918.09
W12-210	158+98.90	36.22' LT	918.01
W12-211	159+89.41	36.34' LT	918.31
W12-212	160+08.39	36.40' LT	918.18
W12-213	160+42.37	36.31' LT	918.38



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.27

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SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W13-100	W13-124	Crosswalk Cross Slope - No Yield Condition	6	7.16	-0.14	2.0					
IA 14/MONROE ST	W13-100	W13-101	Ramp Running Slope	6	5.12	-0.06	1.2					
IA 14/MONROE ST	W13-101	W13-124	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-101	W13-102	Ramp Running Slope	6	3.87	0.06	-1.6					
IA 14/MONROE ST	W13-102	W13-123	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-102	W13-103	Ramp Running Slope	6	5.00	0.08	-1.6					
IA 14/MONROE ST	W13-103	W13-122	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-103	W13-104	Ramp Running Slope	6	10.00	0.75	-7.5		Yes			
IA 14/MONROE ST	W13-104	W13-121	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-105	W13-104	Sidewalk Running Slope	4	7.89	-0.20	2.5					
IA 14/MONROE ST	W13-105	W13-120	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-106	W13-105	Landing/Turning Space	4	4.06	-0.07	1.7		Yes			
IA 14/MONROE ST	W13-106	W13-119	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-106	W13-107	Sidewalk Running Slope	4	105.10	0.51	-0.5					Match general street grade
IA 14/MONROE ST	W13-107	W13-118	Sidewalk Cross Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-108	W13-117	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-108	W13-109	Sidewalk Running Slope	4	15.98	0.67	-4.2		Yes			
IA 14/MONROE ST	W13-109	W13-116	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-109	W13-110	Landing/Turning Space	4	3.79	0.03	-0.8					
IA 14/MONROE ST	W13-110	W13-115	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-110	W13-111	Sidewalk Running Slope	4	37.16	-0.05	0.1					Match general street grade
IA 14/MONROE ST	W13-111	W13-114	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-112	W13-113	Sidewalk Cross Slope	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-114	W13-115	Sidewalk Cross Slope	4	37.20	0.06	-0.2					Match general street grade
IA 14/MONROE ST	W13-115	W13-116	Landing/Turning Space	4	3.76	-0.03	0.8					
IA 14/MONROE ST	W13-116	W13-117	Sidewalk Running Slope	4	15.98	-0.68	4.3		Yes			
IA 14/MONROE ST	W13-118	W13-119	Sidewalk Running Slope	4	105.10	-0.51	0.5					Match general street grade
IA 14/MONROE ST	W13-119	W13-120	Landing/Turning Space	4	4.06	-0.07	1.7		Yes			
IA 14/MONROE ST	W13-120	W13-121	Sidewalk Running Slope	4	8.03	-0.21	2.6					
IA 14/MONROE ST	W13-121	W13-122	Ramp Running Slope	6	10.00	-0.75	7.5		Yes			
IA 14/MONROE ST	W13-122	W13-123	Ramp Running Slope	6	5.00	-0.08	1.6					
IA 14/MONROE ST	W13-123	W13-124	Ramp Running Slope	6	3.87	-0.06	1.6					
IA 14/MONROE ST	W13-200	W13-212	Crosswalk Cross Slope - No Yield Condition	6	7.90	0.05	-0.6					
IA 14/MONROE ST	W13-200	W13-211	Ramp Cross Slope	6	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W13-200	W13-201	Ramp Running Slope	6	4.86	0.07	-1.4					
IA 14/MONROE ST	W13-201	W13-202	Ramp Running Slope	6	5.00	0.08	-1.6					
IA 14/MONROE ST	W13-202	W13-209	Ramp Cross Slope	6	5.00	0.05	-1.0					
IA 14/MONROE ST	W13-202	W13-203	Sidewalk Running Slope	4	105.07	1.56	-1.5					
IA 14/MONROE ST	W13-203	W13-208	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W13-203	W13-204	Landing/Turning Space	4	3.68	0.02	-0.5					
IA 14/MONROE ST	W13-204	W13-205	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W13-205	W13-208	Landing/Turning Space	4	3.68	-0.02	0.5					
IA 14/MONROE ST	W13-205	W13-206	Landing/Turning Space	4	1.84	0.03	-1.6		Yes			
IA 14/MONROE ST	W13-206	W13-207	Match Existing Cross Slope	4	3.67	-0.02	0.5					
IA 14/MONROE ST	W13-207	W13-208	Landing/Turning Space	4	1.84	-0.03	1.6		Yes			
IA 14/MONROE ST	W13-208	W13-209	Sidewalk Running Slope	4	104.97	-1.58	1.5					
IA 14/MONROE ST	W13-209	W13-210	Ramp Running Slope	6	5.00	-0.08	1.6					
IA 14/MONROE ST	W13-210	W13-211	Ramp Running Slope	6	4.86	-0.03	0.6					
IA 14/MONROE ST	W13-211	W13-212	Ramp Running Slope	6	6.12	-0.04	0.7					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W12-409	161+47.47	34.34' LT	917.92
W12-410	161+47.45	29.34' LT	917.84
W12-411	161+42.45	29.37' LT	917.77
W12-412	161+31.36	29.43' LT	917.05
W12-413	161+27.42	29.72' LT	917.02
W13-100	163+94.79	36.91' RT	914.65
W13-101	163+89.68	36.77' RT	914.59
W13-102	163+85.81	36.66' RT	914.65
W13-103	163+80.81	36.52' RT	914.73
W13-104	163+70.82	36.24' RT	915.48
W13-105	163+62.93	36.13' RT	915.68
W13-106	163+58.87	36.13' RT	915.75
W13-107	162+53.77	36.23' RT	916.26
W13-108	162+41.68	36.24' RT	916.19
W13-109	162+25.70	36.25' RT	916.86
W13-110	162+21.91	36.25' RT	916.89
W13-111	161+84.75	36.17' RT	916.84
W13-112	161+68.15	36.23' RT	916.89
W13-113	161+68.14	31.23' RT	916.82
W13-114	161+84.73	31.17' RT	916.76
W13-115	162+21.93	31.25' RT	916.82
W13-116	162+25.65	31.25' RT	916.79
W13-117	162+41.68	31.24' RT	916.11
W13-118	162+53.77	31.23' RT	916.19
W13-119	163+58.86	31.13' RT	915.68
W13-120	163+62.92	31.13' RT	915.61
W13-121	163+70.96	31.24' RT	915.40
W13-122	163+80.96	31.52' RT	914.65
W13-123	163+85.95	31.66' RT	914.57
W13-124	163+89.82	31.77' RT	914.51
W13-200	163+86.81	30.37' LT	915.14
W13-201	163+81.96	30.30' LT	915.21
W13-202	163+76.96	30.23' LT	915.29
W13-203	162+71.98	28.72' LT	916.85
W13-204	162+68.22	28.74' LT	916.87
W13-205	162+68.25	33.74' LT	916.94
W13-206	162+68.26	35.58' LT	916.97
W13-207	162+71.94	35.56' LT	916.95

SIDEWALK COMPLIANCE

See S Sheets

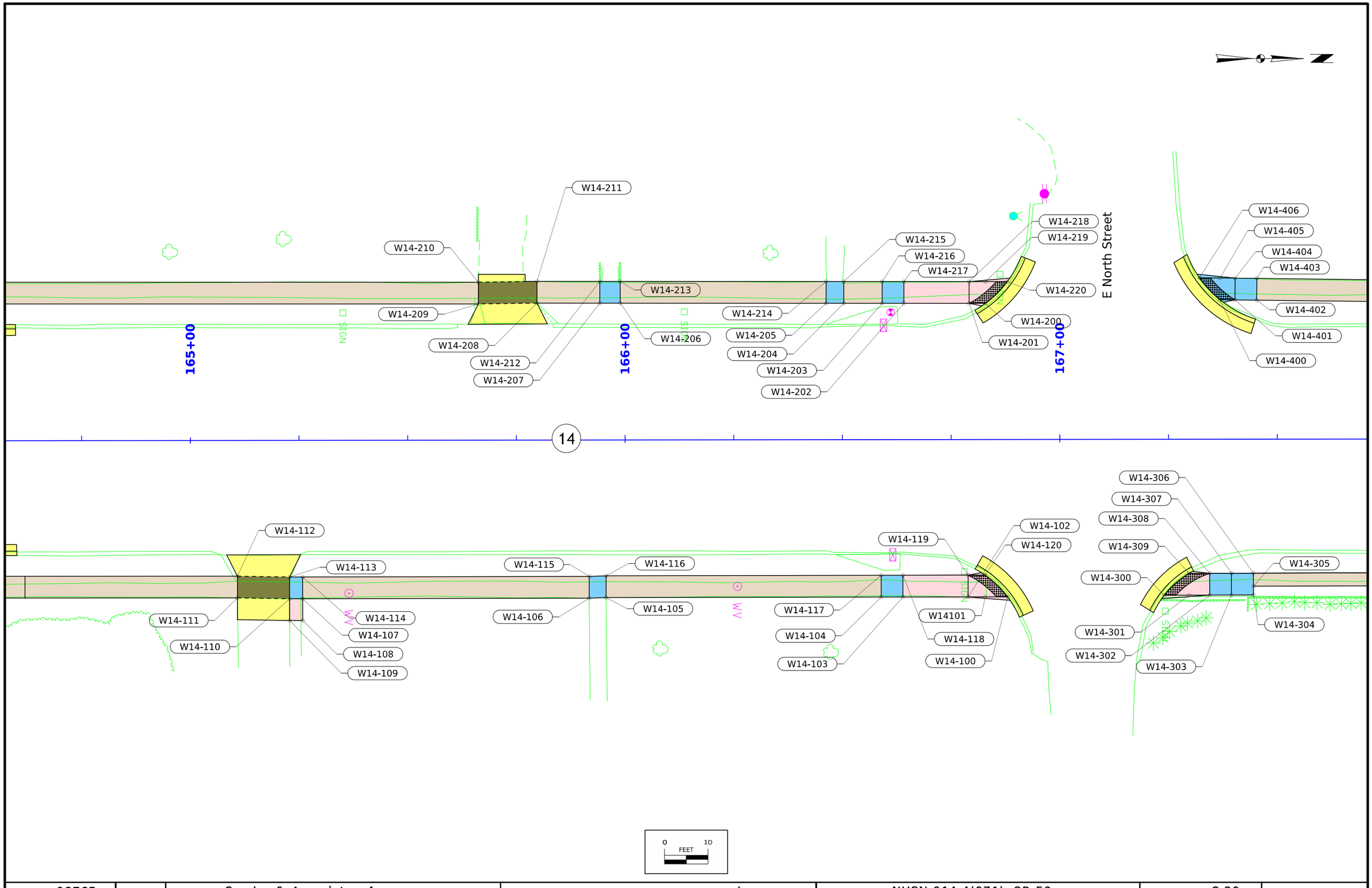
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W13-300	W13-318	Crosswalk Cross Slope - No Yield Condition	6	8.37	0.10	-1.2					
IA 14/MONROE ST	W13-300	W13-301	Landing/Turning Space	4	0.45	0.01	-2.2					Proposed slope is maximum allowed
IA 14/MONROE ST	W13-301	W13-308	Landing/Turning Space	4	4.01	0.06	-1.5					
IA 14/MONROE ST	W13-301	W13-302	Landing/Turning Space	4	3.06	0.02	-0.7					
IA 14/MONROE ST	W13-302	W13-307	Landing/Turning Space	4	4.00	0.06	-1.5					
IA 14/MONROE ST	W13-302	W13-303	Ramp Running Slope	6	5.58	0.16	-2.9					
IA 14/MONROE ST	W13-303	W13-306	Ramp Cross Slope	6	4.00	0.06	-1.5					
IA 14/MONROE ST	W13-303	W13-304	Ramp Running Slope	6	5.25	0.05	-1.0					
IA 14/MONROE ST	W13-304	W13-305	Match Existing Cross Slope	4	2.42	0.08	-3.3					
IA 14/MONROE ST	W13-305	W13-306	Ramp Running Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-306	W13-307	Ramp Running Slope	6	5.58	-0.16	2.9					
IA 14/MONROE ST	W13-307	W13-301	Landing/Turning Space	4	5.04	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-307	W13-308	Landing/Turning Space	4	3.35	-0.02	0.6					
IA 14/MONROE ST	W13-309	W13-308	Landing/Turning Space	4	2.54	-0.04	1.6		Yes			
IA 14/MONROE ST	W13-309	W13-313	Landing/Turning Space	4	5.80	0.09	-1.6		Yes			
IA 14/MONROE ST	W13-309	W13-310	Landing/Turning Space	4	4.20	0.06	-1.4					
IA 14/MONROE ST	W13-310	W13-311	Ramp Running Slope	6	6.86	0.46	-6.7					
IA 14/MONROE ST	W13-311	W13-312	Match Existing Cross Slope	4	4.00	-0.03	0.7					
IA 14/MONROE ST	W13-312	W13-313	Ramp Running Slope	6	6.86	-0.40	5.8					
IA 14/MONROE ST	W13-314	W13-313	Ramp Running Slope	6	13.92	-0.90	6.5					
IA 14/MONROE ST	W13-314	W13-315	Ramp Cross Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-315	W13-316	Ramp Running Slope	6	13.92	-0.80	5.7					
IA 14/MONROE ST	W13-313	W13-316	Landing/Turning Space	4	5.00	0.03	-0.6					
IA 14/MONROE ST	W13-317	W13-316	Landing/Turning Space	4	5.55	0.10	-1.8		Yes			
IA 14/MONROE ST	W13-317	W13-318	Landing/Turning Space	4	2.00	-0.03	1.5					
IA 14/MONROE ST	W13-400	W13-412	Crosswalk Cross Slope - No Yield Condition	6	8.00	-0.16	2.0					
IA 14/MONROE ST	W13-400	W13-401	Landing/Turning Space	4	2.26	-0.02	0.9					
IA 14/MONROE ST	W13-401	W13-406	Landing/Turning Space	4	4.14	-0.03	0.7					
IA 14/MONROE ST	W13-401	W13-402	Ramp Running Slope	6	8.83	0.65	-7.4		Yes			
IA 14/MONROE ST	W13-402	W13-405	Ramp Cross Slope	6	4.00	-0.03	0.7					
IA 14/MONROE ST	W13-402	W13-403	Ramp Running Slope	6	4.23	0.31	-7.3					
IA 14/MONROE ST	W13-403	W13-404	Match Existing Cross Slope	4	2.56	-0.07	2.7					
IA 14/MONROE ST	W13-404	W13-405	Ramp Running Slope	6	4.00	-0.27	6.7					
IA 14/MONROE ST	W13-405	W13-406	Ramp Running Slope	6	8.77	-0.65	7.4		Yes			
IA 14/MONROE ST	W13-406	W13-407	Landing/Turning Space	4	1.23	-0.01	0.8					
IA 14/MONROE ST	W13-407	W13-408	Landing/Turning Space	4	1.09	-0.01	0.9					
IA 14/MONROE ST	W13-408	W13-411	Landing/Turning Space	4	4.99	-0.08	1.6		Yes			
IA 14/MONROE ST	W13-408	W13-409	Ramp Running Slope	6	13.91	0.39	-2.8					
IA 14/MONROE ST	W13-409	W13-410	Ramp Cross Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W13-410	W13-411	Ramp Running Slope	6	14.02	-0.40	2.9					
IA 14/MONROE ST	W13-411	W13-412	Landing/Turning Space	4	1.13	-0.01	0.9					

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W13-208	162+71.93	33.72' LT	916.92
W13-209	163+76.89	35.23' LT	915.34
W13-210	163+81.89	35.30' LT	915.26
W13-211	163+86.75	35.37' LT	915.23
W13-212	163+92.87	35.46' LT	915.19
W13-300	164+35.32	36.14' RT	914.27
W13-301	164+35.67	36.41' RT	914.28
W13-302	164+35.66	39.47' RT	914.30
W13-303	164+35.63	45.05' RT	914.46
W13-304	164+37.19	50.06' RT	914.51
W13-305	164+39.61	50.07' RT	914.59
W13-306	164+39.63	45.07' RT	914.52
W13-307	164+39.66	39.49' RT	914.36
W13-308	164+39.68	36.14' RT	914.34
W13-309	164+42.22	36.14' RT	914.38
W13-310	164+45.26	39.04' RT	914.44
W13-311	164+50.22	43.78' RT	914.90
W13-312	164+52.98	40.89' RT	914.87
W13-313	164+48.02	36.15' RT	914.47
W13-314	164+61.93	36.16' RT	915.37
W13-315	164+61.94	31.16' RT	915.30
W13-316	164+48.02	31.15' RT	914.50
W13-317	164+42.56	32.13' RT	914.40
W13-318	164+41.47	30.47' RT	914.37
W13-400	164+35.37	36.31' LT	914.98
W13-401	164+37.14	37.70' LT	914.96
W13-402	164+37.30	46.54' LT	915.61
W13-403	164+38.76	50.51' LT	915.92
W13-404	164+41.32	50.46' LT	915.85
W13-405	164+41.30	46.46' LT	915.58
W13-406	164+41.28	37.69' LT	914.93
W13-407	164+41.28	36.46' LT	914.92



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.30

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SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W14-100	W14-120	Crosswalk Cross Slope - No Yield Condition	6	7.19	0.02	-0.3					
IA 14/MONROE ST	W14-100	W14-101	Ramp Running Slope	6	5.16	0.10	-1.9					
IA 14/MONROE ST	W14-101	W14-120	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-102	W14-101	Ramp Running Slope	6	3.91	-0.29	7.4		Yes			
IA 14/MONROE ST	W14-102	W14-119	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-102	W14-103	Ramp Running Slope	6	15.00	1.35	-9.0					15 feet at uniform running slope
IA 14/MONROE ST	W14-103	W14-118	Ramp Cross Slope	6	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-103	W14-104	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W14-103	W14-118	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-104	W14-117	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-104	W14-105	Sidewalk Running Slope	4	63.27	1.93	-3.1					
IA 14/MONROE ST	W14-105	W14-116	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-105	W14-106	Landing/Turning Space	4	3.89	0.05	-1.3					
IA 14/MONROE ST	W14-106	W14-115	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-107	W14-106	Sidewalk Running Slope	4	65.92	-1.35	2.0					
IA 14/MONROE ST	W14-107	W14-108	Ramp Running Slope	6	5.00	0.37	-7.4		Yes			
IA 14/MONROE ST	W14-107	W14-114	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-107	W14-110	Landing/Turning Space	4	3.00	0.04	-1.3					
IA 14/MONROE ST	W14-110	W14-113	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-111	W14-112	Sidewalk Cross Slope	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-113	W14-114	Landing/Turning Space	4	3.00	-0.03	1.0					
IA 14/MONROE ST	W14-114	W14-115	Sidewalk Running Slope	4	65.92	-1.35	2.0					
IA 14/MONROE ST	W14-115	W14-116	Landing/Turning Space	4	3.89	-0.05	1.3					
IA 14/MONROE ST	W14-116	W14-117	Sidewalk Running Slope	4	63.27	-1.94	3.1					
IA 14/MONROE ST	W14-117	W14-118	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-118	W14-119	Ramp Running Slope	6	15.00	-1.36	9.1					15 feet at uniform running slope
IA 14/MONROE ST	W14-119	W14-120	Ramp Running Slope	6	3.91	-0.29	7.4		Yes			
IA 14/MONROE ST	W14-200	W14-220	Crosswalk Cross Slope - No Yield Condition	6	7.11	-0.47	6.6					
IA 14/MONROE ST	W14-200	W14-219	Ramp Cross Slope	6	5.00	-0.09	1.8		Yes			
IA 14/MONROE ST	W14-200	W14-201	Ramp Running Slope	6	3.74	0.08	-2.1					
IA 14/MONROE ST	W14-201	W14-218	Ramp Cross Slope	6	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-201	W14-202	Ramp Running Slope	6	15.00	2.47	16.5					15 feet at uniform running slope
IA 14/MONROE ST	W14-202	W14-217	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-203	W14-202	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-203	W14-216	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-203	W14-204	Ramp Running Slope	6	8.82	0.66	-7.5		Yes			
IA 14/MONROE ST	W14-204	W14-215	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-204	W14-205	Landing/Turning Space	4	4.08	-0.04	1.0					
IA 14/MONROE ST	W14-205	W14-214	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-205	W14-206	Sidewalk Running Slope	4	47.32	1.27	-2.7					
IA 14/MONROE ST	W14-206	W14-207	Landing/Turning Space	4	4.71	0.06	-1.3					
IA 14/MONROE ST	W14-207	W14-212	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-206	W14-213	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-208	W14-207	Sidewalk Running Slope	4	14.45	0.02	-0.1					Match general street grade
IA 14/MONROE ST	W14-208	W14-211	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W14-209	W14-210	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W14-211	W14-212	Sidewalk Running Slope	4	14.45	0.01	-0.1					Match general street grade
IA 14/MONROE ST	W14-212	W14-213	Landing/Turning Space	4	4.66	-0.06	1.3					
IA 14/MONROE ST	W14-213	W14-214	Sidewalk Running Slope	4	47.37	-1.27	2.7					
IA 14/MONROE ST	W14-214	W14-215	Landing/Turning Space	4	4.08	0.04	-1.0					
IA 14/MONROE ST	W14-215	W14-216	Ramp Running Slope	6	8.82	-0.66	7.5		Yes			
IA 14/MONROE ST	W14-216	W14-217	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-217	W14-218	Ramp Running Slope	6	15.00	-2.47	16.5					15 feet at uniform running slope
IA 14/MONROE ST	W14-218	W14-219	Ramp Running Slope	6	3.74	-0.24	6.4					
IA 14/MONROE ST	W14-219	W14-220	Ramp Running Slope	6	5.05	-0.38	7.5		Yes			

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W13-408	164+42.36	36.46' LT	914.91
W13-409	164+56.31	36.44' LT	915.30
W13-410	164+56.24	31.44' LT	915.23
W13-411	164+42.23	31.46' LT	914.83
W13-412	164+41.26	30.89' LT	914.82
W14-100	166+87.95	36.17' RT	908.46
W14-101	166+82.78	36.17' RT	908.56
W14-102	166+78.88	36.17' RT	908.85
W14-103	166+63.88	36.18' RT	910.20
W14-104	166+58.88	36.19' RT	910.28
W14-105	165+95.61	36.23' RT	912.21
W14-106	165+91.72	36.35' RT	912.26
W14-107	165+25.80	41.42' RT	913.61
W14-108	165+25.80	41.42' RT	913.98
W14-109	165+22.81	41.42' RT	914.03
W14-110	165+22.80	36.42' RT	913.65
W14-111	165+10.80	36.22' RT	913.88
W14-112	165+10.80	31.22' RT	913.80
W14-113	165+22.79	31.42' RT	913.57
W14-114	165+25.79	31.42' RT	913.54
W14-115	165+91.72	31.35' RT	912.19
W14-116	165+95.60	31.23' RT	912.14
W14-117	166+58.87	31.19' RT	910.20
W14-118	166+63.87	31.18' RT	910.13
W14-119	166+78.87	31.17' RT	908.77
W14-120	166+82.78	31.17' RT	908.48
W14-200	166+82.91	31.31' LT	908.15
W14-201	166+79.17	31.31' LT	908.23
W14-202	166+64.17	31.34' LT	910.70
W14-203	166+59.17	31.35' LT	910.77
W14-204	166+50.35	31.37' LT	911.43
W14-205	166+46.27	31.37' LT	911.39
W14-206	165+98.95	31.46' LT	912.66
W14-207	165+94.24	31.47' LT	912.72
W14-208	165+79.79	31.49' LT	912.70
W14-209	165+66.29	31.32' LT	913.00
W14-210	165+66.29	36.32' LT	913.08
W14-211	165+79.79	36.49' LT	912.78
W14-212	165+94.25	36.47' LT	912.79
W14-213	165+98.87	36.46' LT	912.73
W14-214	166+46.28	36.37' LT	911.46
W14-215	166+50.36	36.37' LT	911.50
W14-216	166+59.18	36.35' LT	910.84
W14-217	166+64.18	36.34' LT	910.77
W14-218	166+79.18	36.31' LT	908.30
W14-219	166+82.92	36.31' LT	908.06
W14-220	166+87.97	36.30' LT	907.68

SIDEWALK COMPLIANCE

See S Sheets

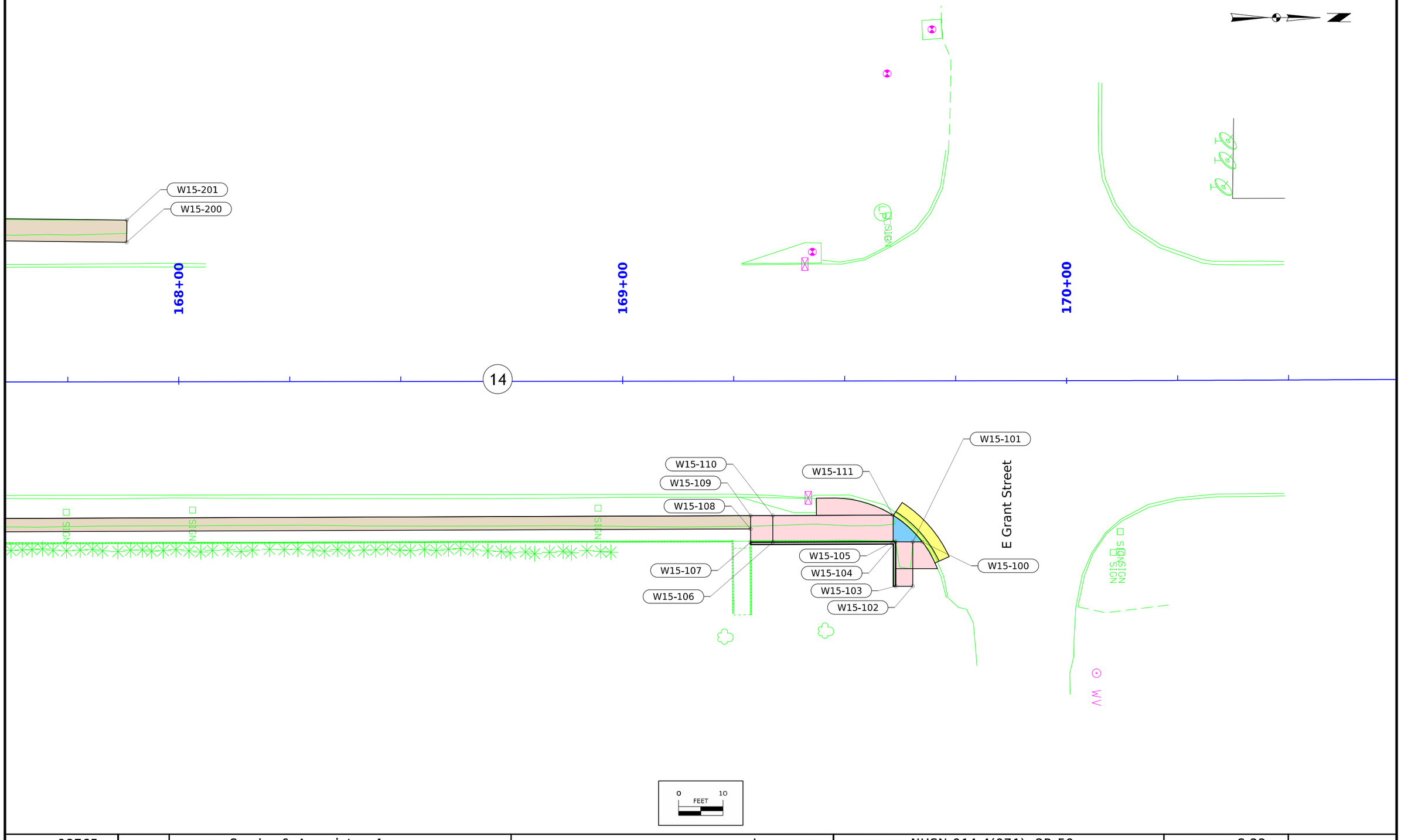
* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W14-205	W14-214	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-205	W14-206	Sidewalk Running Slope	4	47.32	1.27	-2.7					
IA 14/MONROE ST	W14-206	W14-207	Landing/Turning Space	4	4.71	0.06	-1.3					
IA 14/MONROE ST	W14-207	W14-212	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-206	W14-213	Landing/Turning Space	4	5.00	0.07	-1.4					
IA 14/MONROE ST	W14-208	W14-207	Sidewalk Running Slope	4	14.45	0.02	-0.1					Match general street grade
IA 14/MONROE ST	W14-208	W14-211	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W14-209	W14-210	Sidewalk Cross Slope	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W14-211	W14-212	Sidewalk Running Slope	4	14.45	0.01	-0.1					Match general street grade
IA 14/MONROE ST	W14-212	W14-213	Landing/Turning Space	4	4.66	-0.06	1.3					
IA 14/MONROE ST	W14-213	W14-214	Sidewalk Running Slope	4	47.37	-1.27	2.7					
IA 14/MONROE ST	W14-214	W14-215	Landing/Turning Space	4	4.08	0.04	-1.0					
IA 14/MONROE ST	W14-215	W14-216	Ramp Running Slope	6	8.82	-0.66	7.5		Yes			
IA 14/MONROE ST	W14-216	W14-217	Landing/Turning Space	4	5.00	-0.07	1.4					
IA 14/MONROE ST	W14-217	W14-218	Ramp Running Slope	6	15.00	-2.47	16.5					15 feet at uniform running slope
IA 14/MONROE ST	W14-218	W14-219	Ramp Running Slope	6	3.74	-0.24	6.4					
IA 14/MONROE ST	W14-219	W14-220	Ramp Running Slope	6	5.05	-0.38	7.5		Yes			
IA 14/MONROE ST	W14-300	W14-309	Crosswalk Cross Slope - No Yield Condition	6	7.58	-0.33	4.4					
IA 14/MONROE ST	W14-309	W14-301	Landing/Turning Space	4	5.00	0.09	-1.8		Yes			
IA 14/MONROE ST	W14-300	W14-301	Landing/Turning Space	4	5.70	-0.24	4.2					
IA 14/MONROE ST	W14-301	W14-302	Landing/Turning Space	4	4.77	0.09	-1.9		Yes			
IA 14/MONROE ST	W14-302	W14-308	Landing/Turning Space	4	5.00	-0.09	1.8		Yes			
IA 14/MONROE ST	W14-302	W14-303	Landing/Turning Space	4	5.00	-0.09	1.8		Yes			
IA 14/MONROE ST	W14-303	W14-307	Landing/Turning Space	4	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-303	W14-304	Sidewalk Running Slope	4	5.07	-0.22	4.3		Yes			
IA 14/MONROE ST	W14-304	W14-305	Match Existing Cross Slope	4	2.00	0.05	-2.5					
IA 14/MONROE ST	W14-305	W14-306	Sidewalk Cross Slope	4	3.00	-0.04	1.3					
IA 14/MONROE ST	W14-306	W14-307	Sidewalk Running Slope	4	5.07	0.13	-2.6					
IA 14/MONROE ST	W14-307	W14-308	Landing/Turning Space	4	5.00	0.08	-1.6		Yes			
IA 14/MONROE ST	W14-308	W14-309	Landing/Turning Space	4	4.77	-0.09	1.9		Yes			
IA 14/MONROE ST	W14-400	W14-406	Crosswalk Cross Slope - No Yield Condition	6	6.89	-0.13	1.9					
IA 14/MONROE ST	W14-400	W14-401	Ramp Running Slope	6	3.46	0.05	-1.4					
IA 14/MONROE ST	W14-401	W14-404	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-401	W14-402	Ramp Running Slope	6	5.00	0.08	-1.6					
IA 14/MONROE ST	W14-402	W14-403	Ramp Cross Slope	6	5.00	-0.08	1.6		Yes			
IA 14/MONROE ST	W14-403	W14-404	Ramp Running Slope	6	5.00	-0.08	1.6					
IA 14/MONROE ST	W14-404	W14-405	Ramp Running Slope	6	3.46	-0.05	1.4					
IA 14/MONROE ST	W14-405	W14-406	Ramp Running Slope	6	4.74	-0.05	1.1					
IA 14/MONROE ST	W14-405	W14-400	Ramp Cross Slope	6	5.00	0.08	-1.6		Yes			

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W14-300	167+23.98	35.85' RT	907.05
W14-301	167+29.67	35.83' RT	906.81
W14-302	167+34.44	35.82' RT	906.90
W14-303	167+39.44	35.81' RT	906.81
W14-304	167+44.51	35.79' RT	906.59
W14-305	167+44.51	33.79' RT	906.64
W14-306	167+44.50	30.79' RT	906.60
W14-307	167+39.43	30.81' RT	906.73
W14-308	167+34.43	30.82' RT	906.81
W14-309	167+29.66	30.83' RT	906.72
W14-400	167+36.85	32.08' LT	905.92
W14-401	167+40.31	32.04' LT	905.97
W14-402	167+45.31	31.98' LT	906.05
W14-403	167+45.37	36.98' LT	905.97
W14-404	167+40.37	37.04' LT	905.89
W14-405	167+36.91	37.08' LT	905.84
W14-406	167+32.17	37.14' LT	905.79



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER S.33	

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6/18/25

SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb
1. Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
2. Refer to tabulation 113-01 for bid quantities.
3. See Tab 113-10A for point location information.

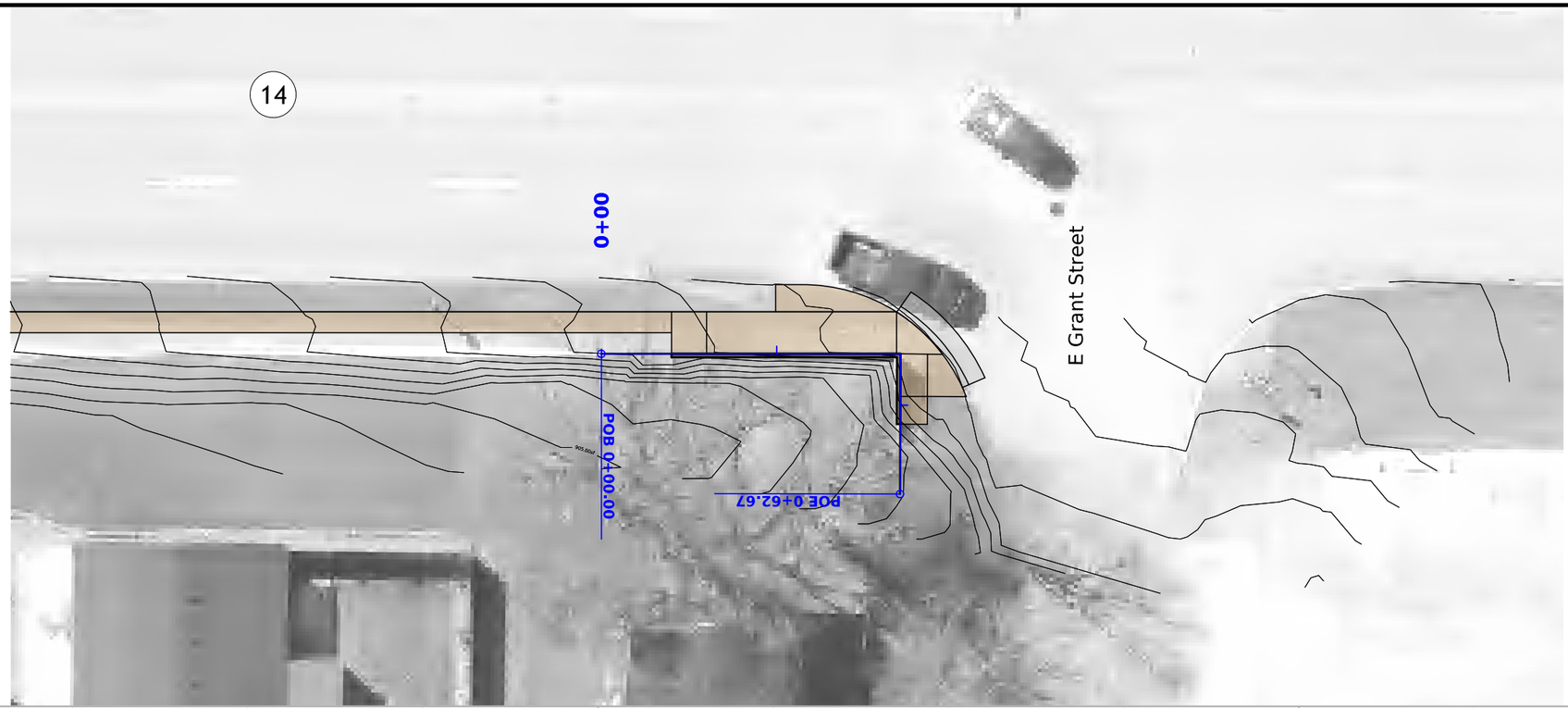
Roadway Identification	From Point	Ending Point	Sidewalk Designation	Sidewalk Thickness (IN)	Distance* (FT)	Change in Elevation (FT)	Slope (%)	Acceptable Constructed Range	Staking Required? (1)	Measured Slope (%)	Initials	Remarks
IA 14/MONROE ST	W15-100	W15-111	Match Existing Cross Slope	4	8.99	0.23	-2.6					
IA 14/MONROE ST	W15-100	W15-101	Sidewalk Running Slope	4	2.16	0.05	-2.3					
IA 14/MONROE ST	W15-101	W15-104	Landing/Turning Space	4	3.86	0.06	-1.6		Yes			
IA 14/MONROE ST	W15-104	W15-105	Landing/Turning Space	4	0.54	0.01	-1.9		Yes			
IA 14/MONROE ST	W15-101	W15-102	Ramp Running Slope	6	6.02	0.45	-7.5		Yes			
IA 14/MONROE ST	W15-102	W15-103	Ramp Cross Slope	6	3.86	0.06	-1.6		Yes			
IA 14/MONROE ST	W15-103	W15-104	Ramp Running Slope	6	6.07	-0.45	7.4		Yes			
IA 14/MONROE ST	W15-105	W15-111	Landing/Turning Space	4	6.00	0.11	-1.8		Yes			
IA 14/MONROE ST	W15-105	W15-106	Ramp Running Slope	6	27.12	1.89	-7.0					
IA 14/MONROE ST	W15-106	W15-110	Ramp Cross Slope	6	6.00	-0.09	1.5					
IA 14/MONROE ST	W15-106	W15-107	Ramp Running Slope	6	5.01	0.22	-4.4					
IA 14/MONROE ST	W15-107	W15-108	Match Existing Cross Slope	4	3.00	-0.04	1.3					
IA 14/MONROE ST	W15-108	W15-109	Ramp Cross Slope	6	3.00	-0.05	1.7		Yes			
IA 14/MONROE ST	W15-109	W15-110	Ramp Running Slope	6	5.00	-0.22	4.4					
IA 14/MONROE ST	W15-110	W15-111	Ramp Running Slope	6	27.05	-1.69	6.2					
IA 14/MONROE ST	W15-200	W15-201	Sidewalk Cross Slope	4	5.00	0.07	-1.4					

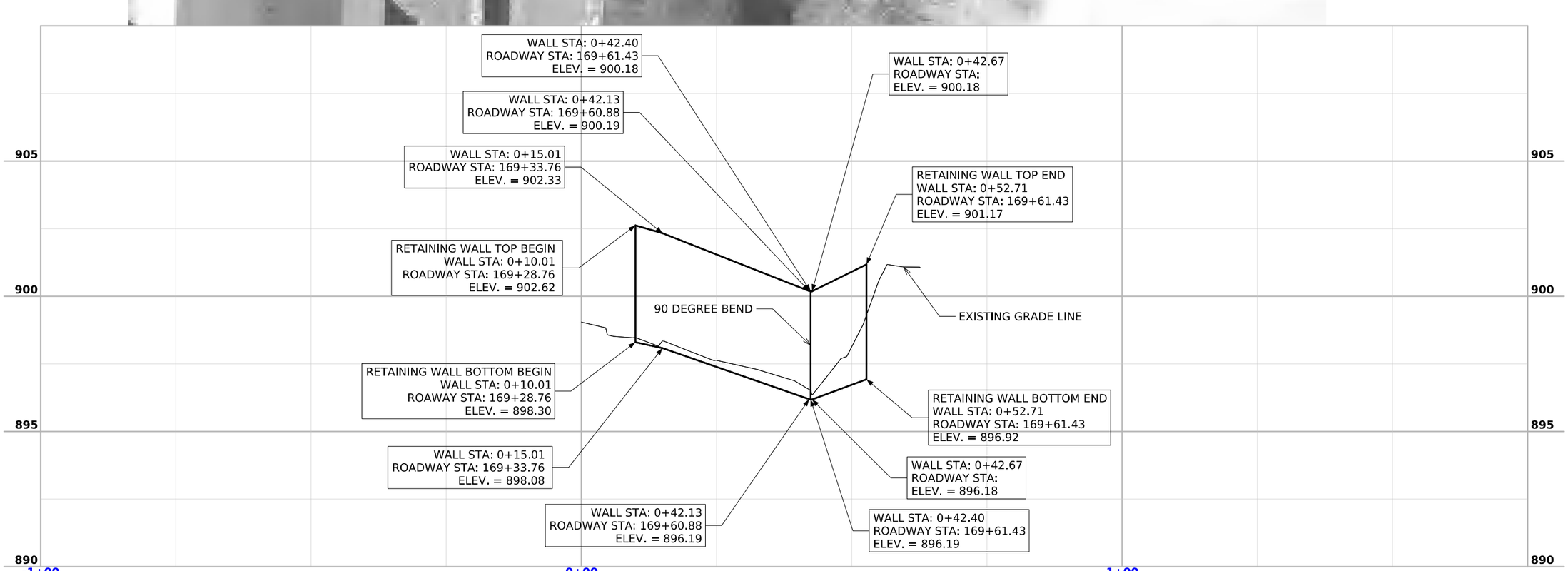
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6/18/25

SIDEWALK COMPLIANCE VALUES

FOR INFORMATION ONLY. VALUES USED TO DETERMINE DESIGNED SLOPES. SEE TAB 113-10.

Point	Station	Offset	Elevation
W15-100	169+67.45	36.28' RT	896.07
W15-101	169+65.28	36.28' RT	896.12
W15-102	169+65.28	42.30' RT	896.57
W15-103	169+61.43	42.30' RT	896.63
W15-104	169+61.43	36.23' RT	896.18
W15-105	169+60.88	36.23' RT	896.19
W15-106	169+33.76	36.30' RT	898.08
W15-107	169+28.76	36.31' RT	898.30
W15-108	169+28.76	33.31' RT	898.26
W15-109	169+28.76	30.31' RT	898.21
W15-110	169+33.76	30.30' RT	897.99
W15-111	169+60.81	30.23' RT	896.30
W15-200	167+88.28	31.44' LT	904.90
W15-201	167+88.34	36.44' LT	904.97





FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	Jasper COUNTY	PROJECT NUMBER NHSN-014-4(071)--2R-50	SHEET NUMBER U.1

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