



210 ST

213 ST

170 AVE

CORPORATE LIMITS)

(DONNELSON

210 ST

PROJECT LOCATION

32

33

STATE ST

FAIRGROUNDS ST

FRUIT ST

GARDEN ST

PINE ST

MILL ST

N OAK ST

LYNN ST

WESTWOOD CT

GREENVIEW TER

FAIRWAY CT

UNIVERSITY AVE

BURLINGTON ST

BURLINGTON ST

ELM ST

LYNN ST

DEWEY ST

ST

CHESTNUT ST

ST

MAPLE ST

PARK ST

ORCHARD ST

ST

T-68N

2

(DONNELSON CORP. LIMITS)

MADISON

PERSHING AVE

LINCOLN AVE

ST

ST

ST

ST

ST

ST

ST

ST

T-67N

2

ASH ST

S OAK ST

ST

ST

ST

ST

ST

ST

ST

PETERIE DR

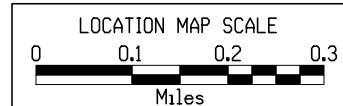
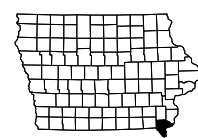
(DONNELSON CORPORATE LIMITS)

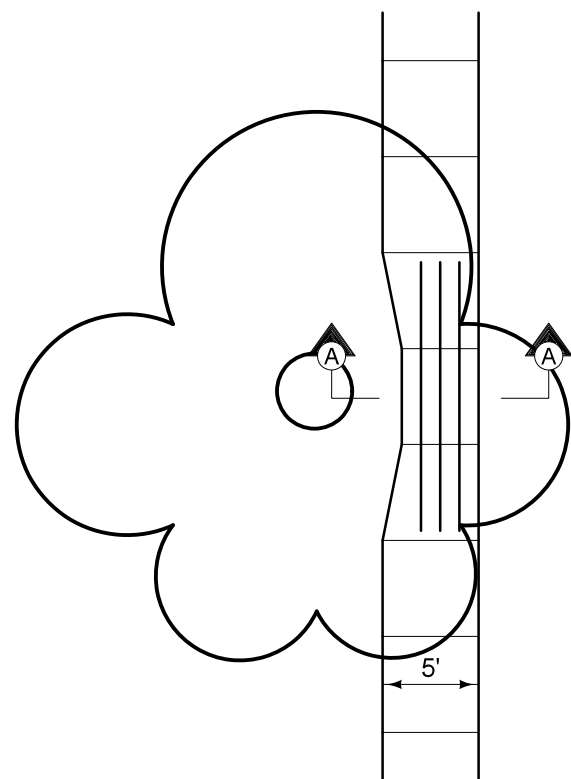
5

4

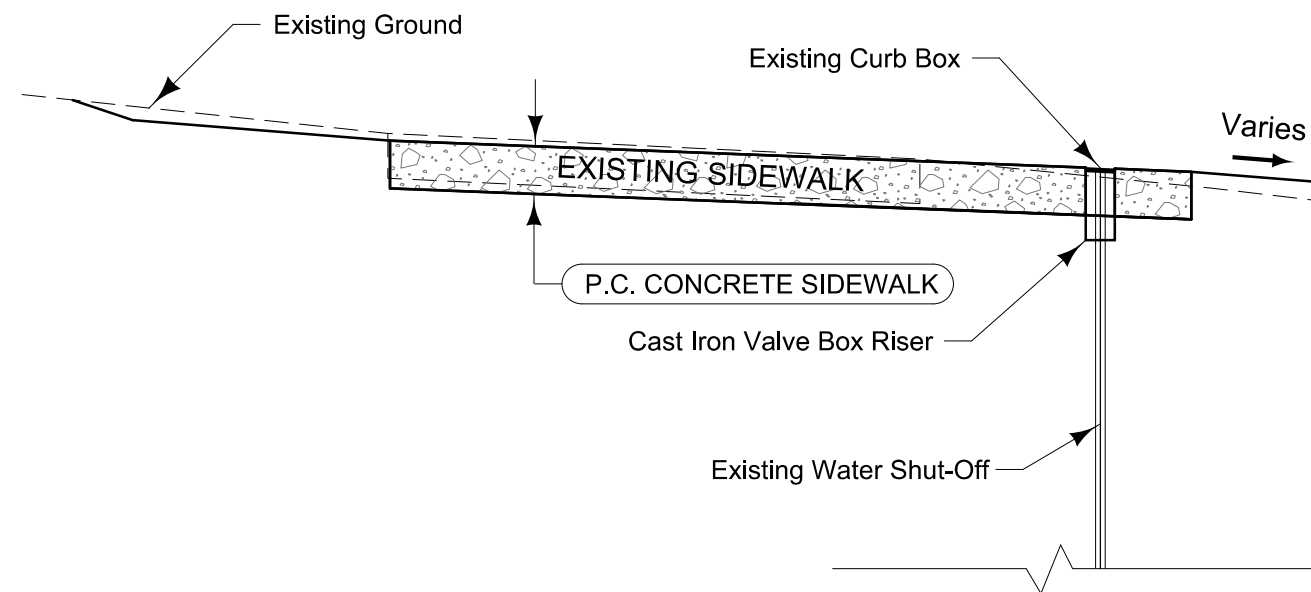
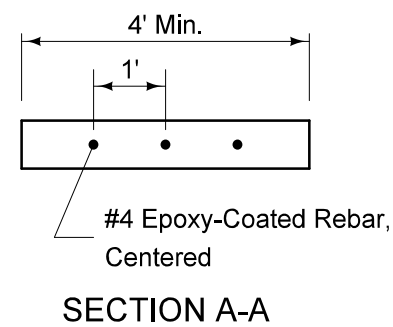
218

27





**DETAIL OF SIDEWALK AT
OR NEAR TREE ROOTS**



Notes:

1. Extend existing curb box to new finished sidewalk elevation by extending the pipe shaft. The stem to the shut-off valve shall not be extended, only the pipe shaft around the stem. Use a threaded coupler and pipe threaded on each end, do not pull the existing pipe shaft up. The contractor shall coordinate with the city to allow the city to pull existing pipe shaft up so the city has the ability to raise the cap 2 inches above the finished surface.
2. Install a cast iron valve box riser over the shaft. Set the top of the cast iron valve box riser to the finished elevation of the sidewalk.
3. Finish the concrete to the top of the cast iron valve box riser. Care should be taken to prevent concrete from getting inside the pipe by covering the opening with duct tape or other means during the time of the concrete being placed.

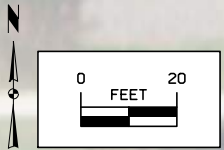
DETAIL OF WATER SHUT-OFF ADJUSTMENT



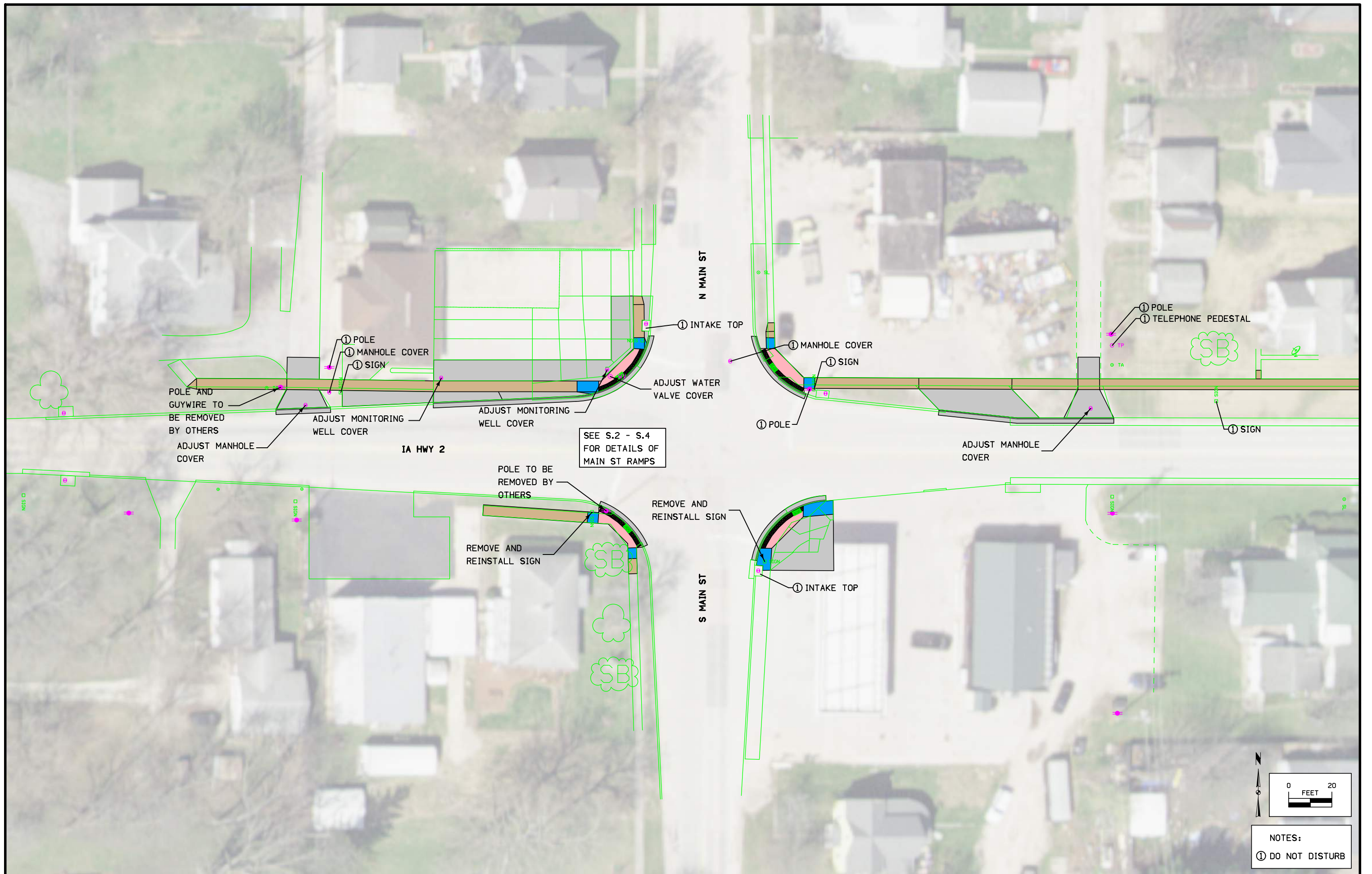
SEE S.1
FOR DETAILS OF
DEWEY AVE RAMP

DEWEY AVE

IA HWY 2



NOTES:
① DO NOT DISTURB



SEE S.2 - S.4
FOR DETAILS OF
MAIN ST RAMPS

NOTES:
① DO NOT DISTURB

Survey Information
 County: Lee
 PIN: 17-56-002-020
 Project Number: STPN-002-9(36)--2J-56
 Location: In City of Donnellson (ADA - District 5)
 Type of Work: PCC Sidewalk
 Project Directory: 5600202017

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 geographic coordinate system used to perform the pre-design survey is Iowa Regional Coordinate System Zone 14. This coordinate system was used for design and must be configured into GNSS equipment to stake points for this project. Two local marks have been designated for future use 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 topographic feature at the date of construction a predetermined elevation of that feature or local benchmark elevations are irrelevant and not included with this information.

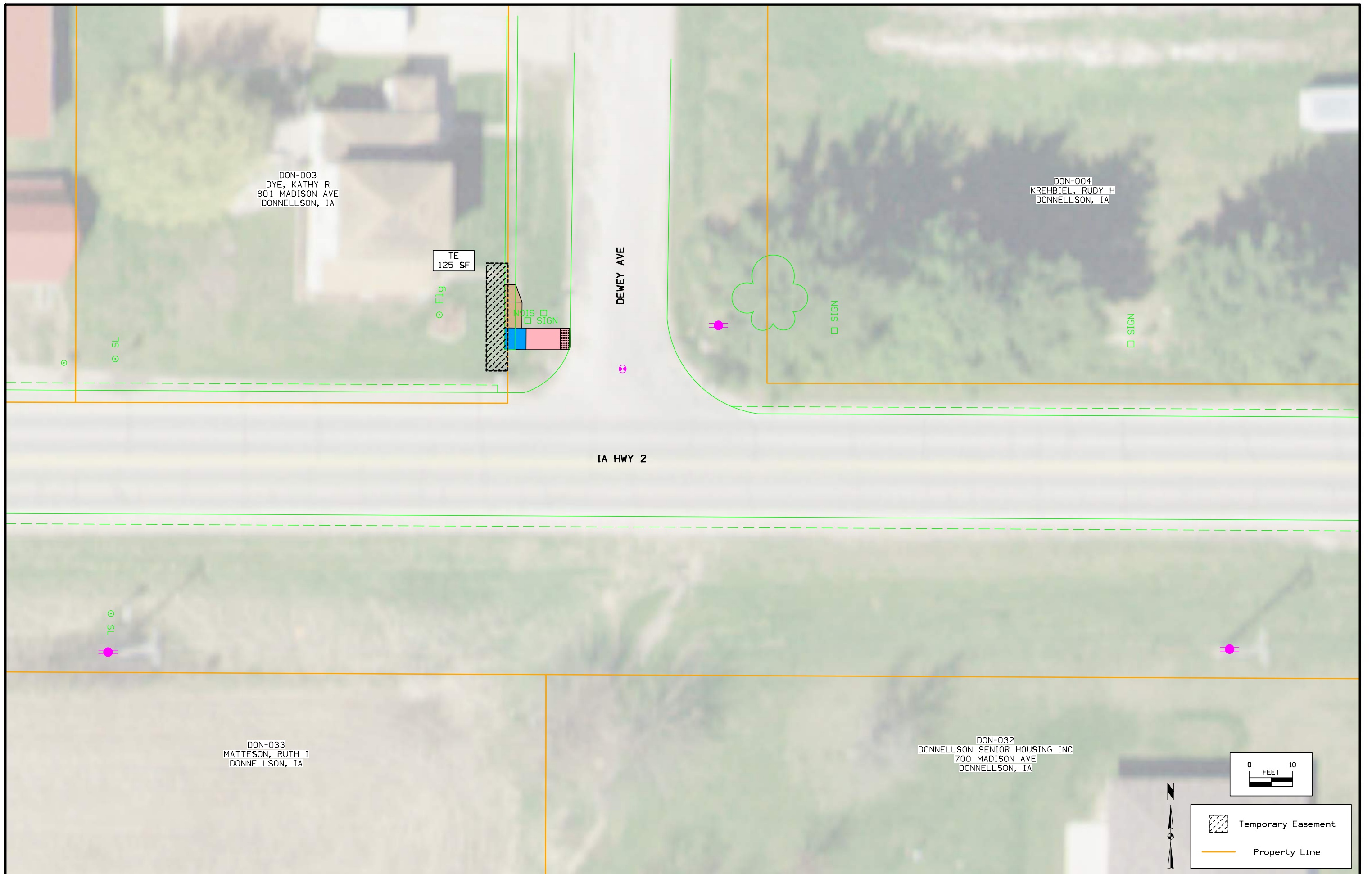
Validation Point FENO1

IaRCS ZONE 14
 N=6341802.78
 E=24414261.52



Validation Point LEE20
 CO. GPS POINT SW QUAD AT INTERSECTION
 OF HWY 2 AND 190TH AVE 65FT E OF CL 190TH AVE
 3FT N ROW RAIL
 IaRCS ZONE 14
 N=6341781.15
 E=24417782.99





DON-008
GRIFFIN, MICHAEL T /
GRIFFIN, KELLI J
521 MADISON AVE
DONNELLSON, IA

DON-009
TWEEDY, MATTHEW/SARAH (CON)
FEINBERG, PHILIP/LISA L (DED)
100 MAIN ST
DONNELLSON, IA

TE
790 SF

TE
3090 SF

IA HWY 2

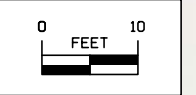
DON-028
SEYB, DANIEL A
516 MADISON AVE
DONNELLSON, IA

TE
355 SF

DON-027
KRATZER, CHARLES W
102 MAIN ST
DONNELLSON, IA

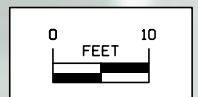
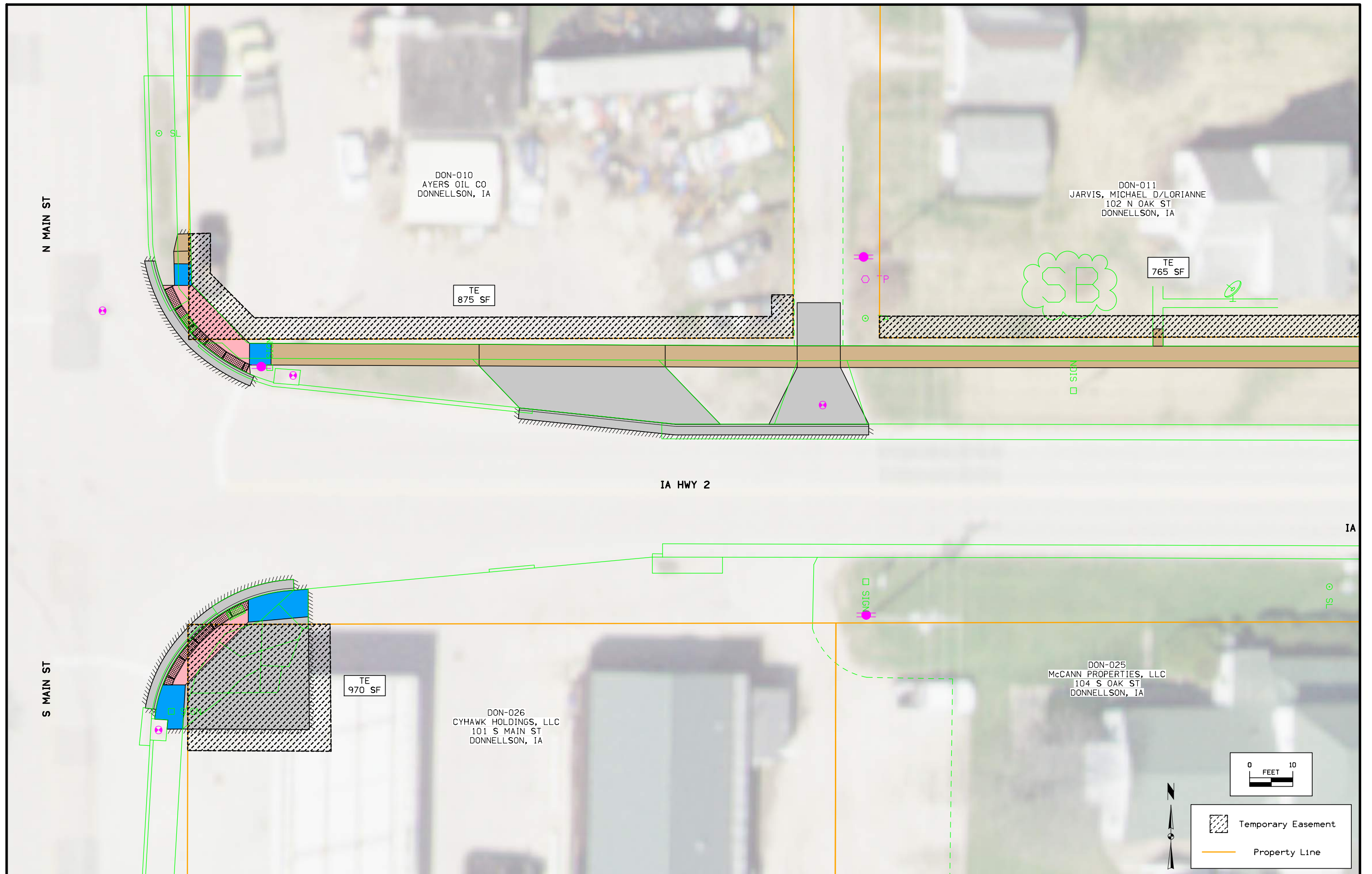
N MAIN ST



S MAIN ST

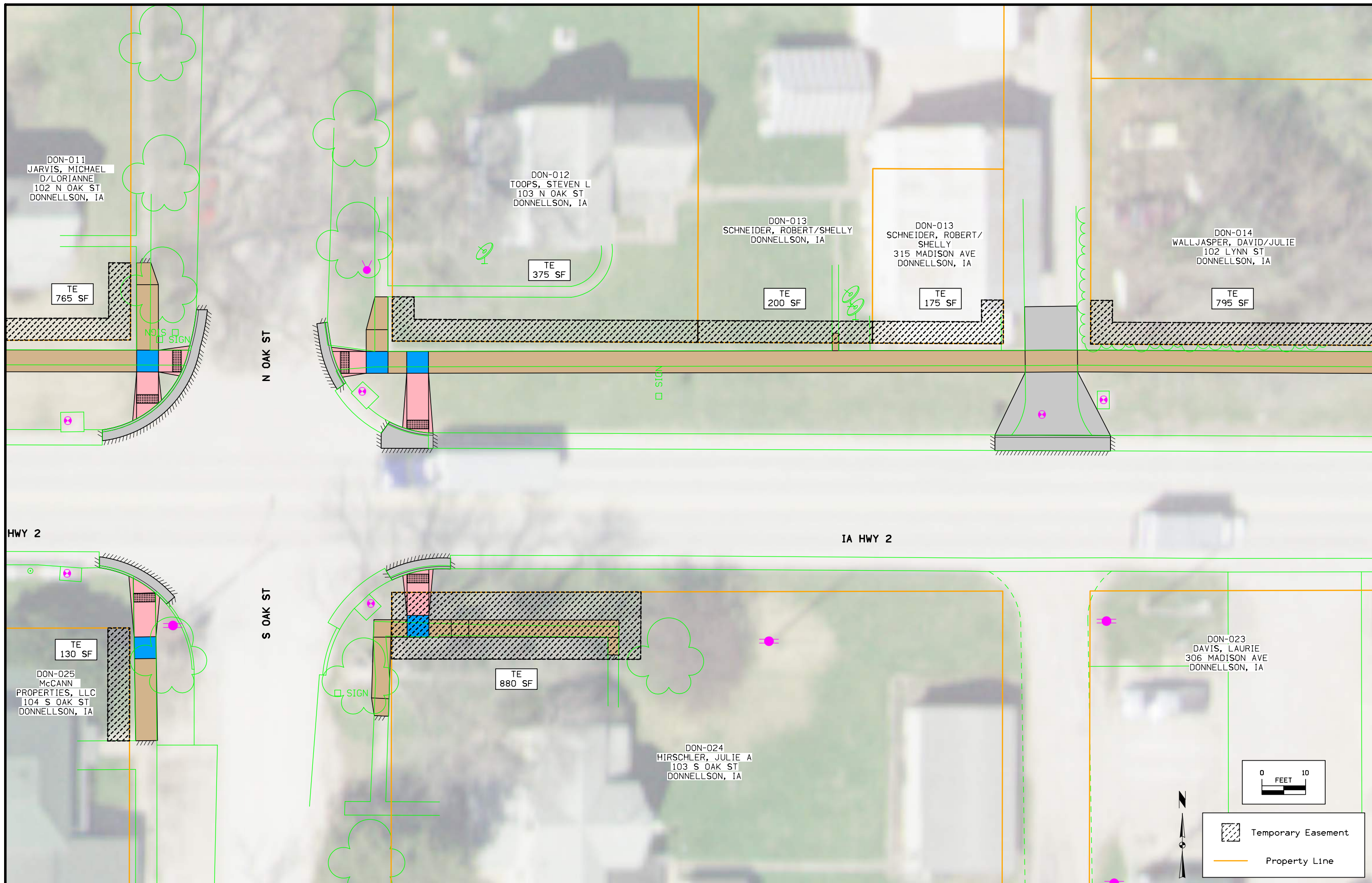


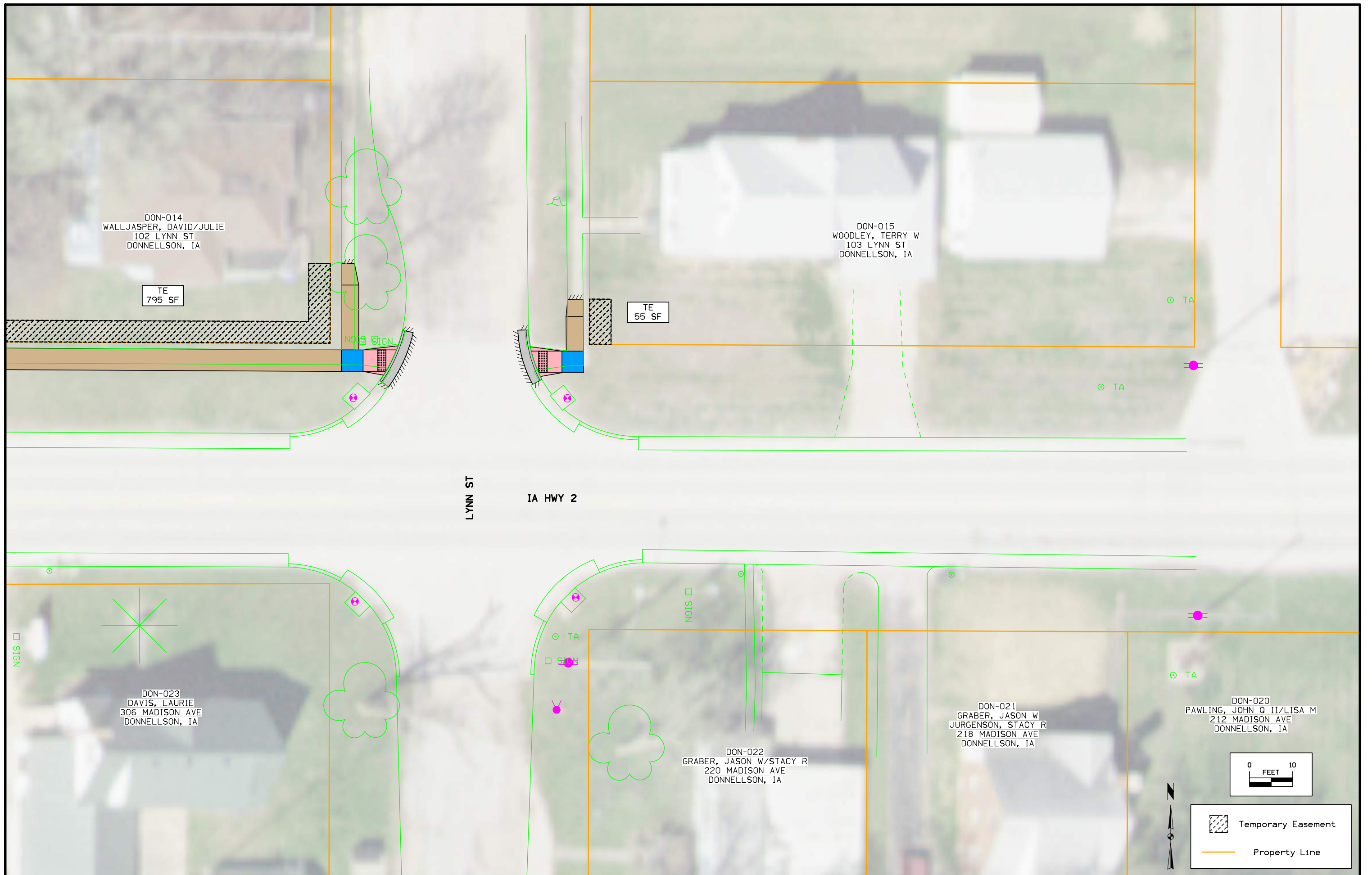
Temporary Easement

Property Line



	Temporary Easement
	Property Line





TRAFFIC CONTROL PLAN

Traffic on Iowa Highway 2 and sideroads shall be maintained at all times.

Traffic Control will include Pedestrian Path Closures, which can be found on Tab. 113-2 in the J sheets.

Access to commercial properties shall be maintained at all times. Driveways and entrances to commercial properties may require staged construction to maintain access.

Work may be prohibited during special events on:
 Fall Festival, 3rd weekend in September
 4th of July Parade, July 4th
 Lee County Fair, July 10th - 14th

Contractor shall maintain all existing traffic control conditions with temporary signage as required until permanent signage has been reinstalled.

STAGING NOTES

The Contractor shall not perform any work impacting temporary easements until the temporary easements have been obtained. For parcels without easements, work must be done from the highway side of the sidewalk.

The Contractor shall only be permitted to have 4 continuous blocks under construction at one time. These may include:
 - One block of sidewalk being excavated and removed. PCC will be replaced within 10 working days of being removed.
 - One block of sidewalk being prepared for pouring, preparing subgrade, and forming.
 - One block of sidewalk being replaced (pouring concrete).
 - One block of sidewalk being finished, including backfilling, soil preparation, and seeding.

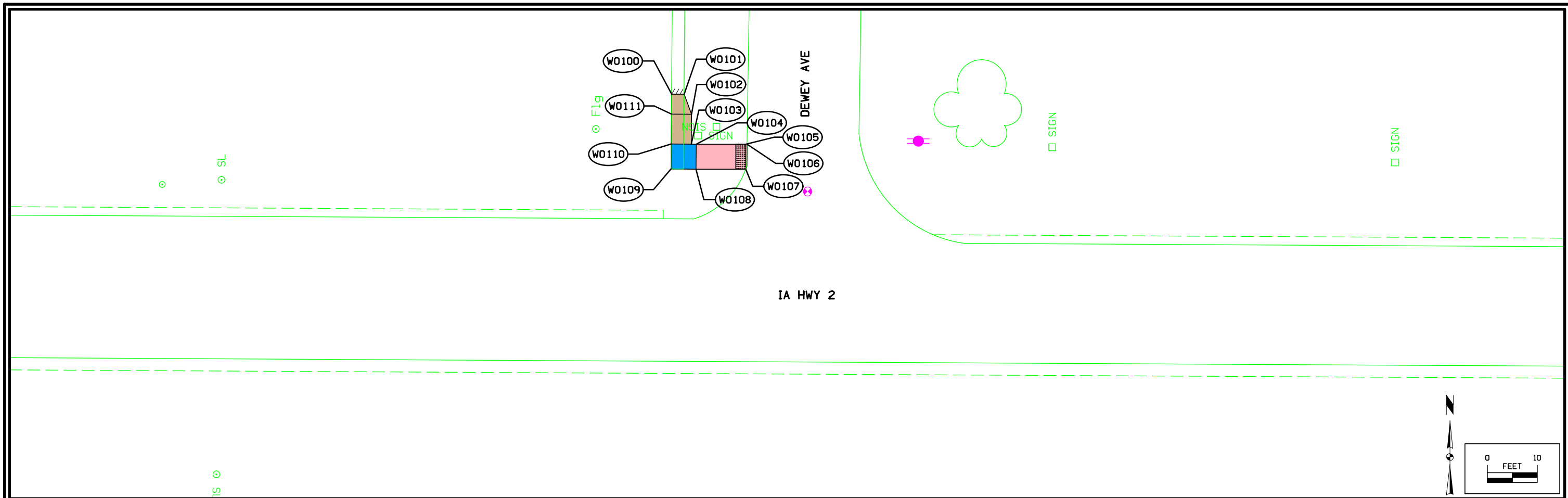
Lane closures on Iowa Highway 2 and sideroads shall not be allowed during the following days:
 Fall Festival:
 3rd weekend in September
 4th of July Parade:
 July 4th
 Lee County Fair:
 July 10th - 14th

PEDESTRIAN PATH CLOSURES

Refer to TC-601.

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

Location	Side Or Quadrant	Type III Barricades*	Remarks
		No.	
IA Hwy 2/Dewey Ave	NW	1	Closure at Intersection
IA Hwy 2/N Main St	NW	1	Closure at Intersection
IA Hwy 2/N Main St	NE	1	Closure at Intersection
IA Hwy 2/S Main St	SW	2	Closures at Intersection
IA Hwy 2/S Main St	SE	2	Closures at Intersection
IA Hwy 2/N Oak St	NW	1	Closure at Intersection
IA Hwy 2/N Oak St	NE	1	Closure at Intersection
IA Hwy 2/S Oak St	SW	1	Closure at Intersection
IA Hwy 2/S Oak St	SE	1	Closure at Intersection
IA Hwy 2/Linn St	NW	1	Closure at Intersection
IA Hwy 2/Linn St	NE	1	Closure at Intersection



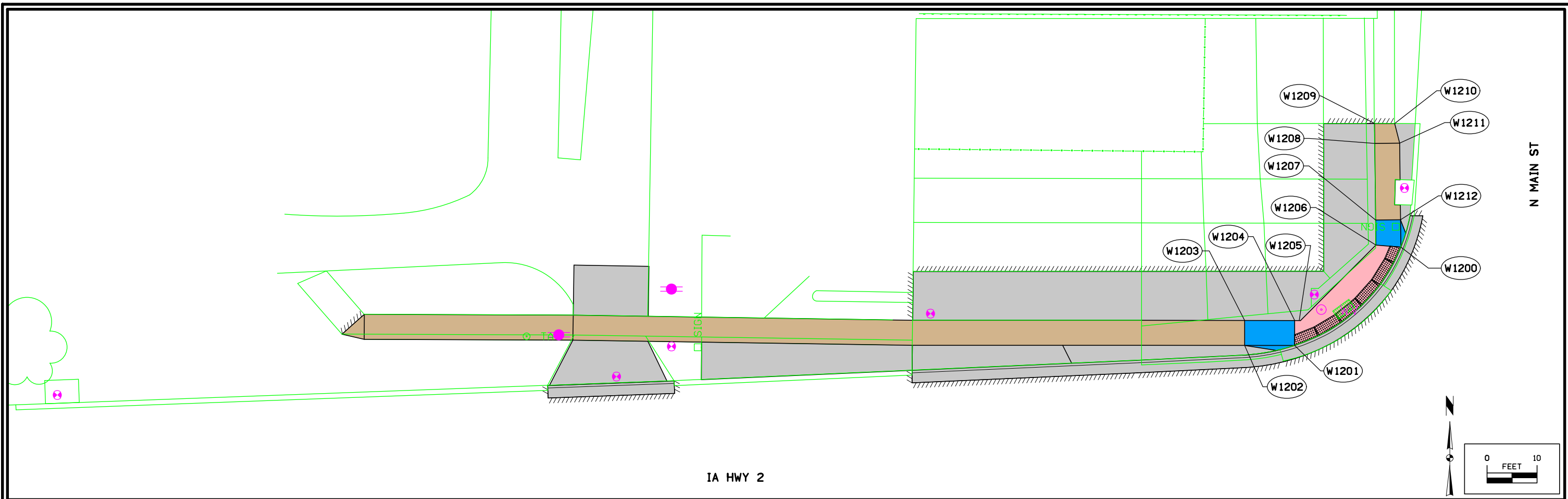
113-10
04-18-17

SIDEWALK COMPLIANCE

See 5 Sheets

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

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Easting	Northing	Elevation
W0100	W0101	4	2.50	-0.16	-6.5%	Match Existing					W0100	24411609.50	6341928.97	694.65
W0100	W0111	4	4.00	-0.05	-1.2%	0.5% to 5.0%				Transition cross slope	W0101	24411612.00	6341928.94	694.49
W0101	W0102	4	4.27	0.05	1.2%	0.5% to 5.0%				Transition cross slope	W0102	24411613.47	6341924.93	694.54
W0102	W0103	4	6.00	-0.22	-3.7%	0.5% to 5.0%					W0103	24411613.42	6341918.93	694.32
W0102	W0111	4	4.00	0.06	1.5%	0.5% to 2.0%					W0104	24411614.42	6341918.92	694.31
W0103	W0104	4	1.00	-0.01	-1.5%	0.1% to 2.0%					W0105	24411624.36	6341918.92	694.93
W0103	W0110	4	4.00	0.06	1.5%	0.1% to 2.0%					W0106	24411624.62	6341918.92	694.95
W0104	W0108	4	5.00	0.08	1.5%	0.1% to 2.0%					W0107	24411624.36	6341913.92	694.79
W0104	W0105	6	9.94	0.63	6.3%	0.5% to 8.3%				Transition cross slope	W0108	24411614.38	6341913.92	694.38
W0105	W0106	6	0.27	0.02	6.3%	0.5% to 8.3%					W0109	24411609.38	6341913.97	694.31
W0106	W0107	6	5.03	-0.16	-3.2%	Match Existing					W0110	24411609.42	6341918.97	694.38
W0107	W0108	6	9.98	-0.41	-4.1%	0.5% to 8.3%					W0111	24411609.47	6341924.97	694.60
W0108	W0109	4	5.00	-0.08	-1.5%	0.1% to 2.0%				Transition cross slope				
W0109	W0110	4	5.00	0.08	1.5%	0.1% to 2.0%								
W0110	W0111	4	6.00	0.22	3.7%	0.5% to 5.0%								



N MAIN ST

IA HWY 2

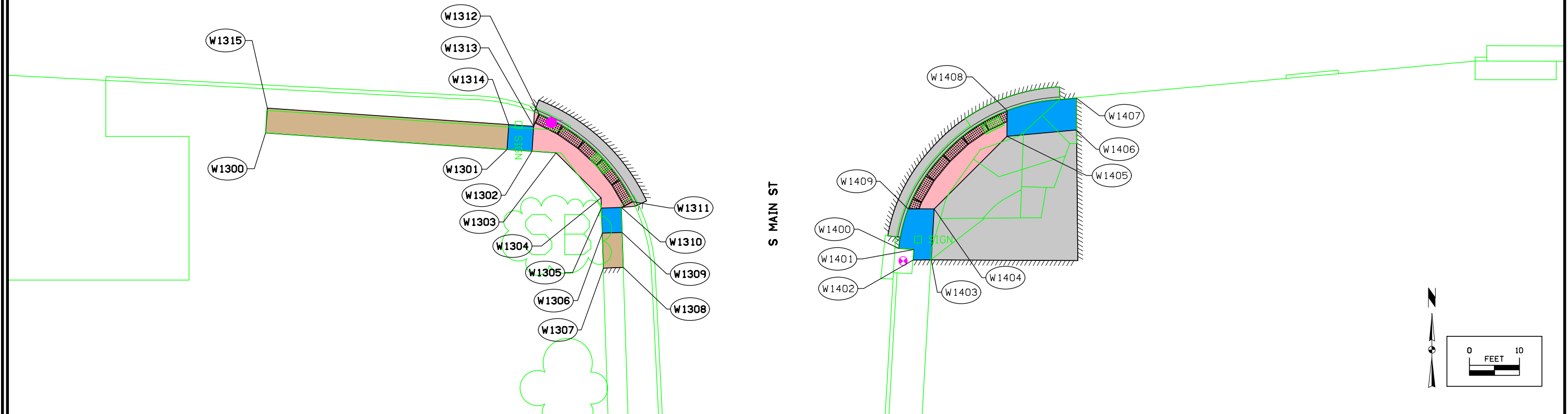
113-10
04-18-17

SIDEWALK COMPLIANCE

See S Sheets

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

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W1200	W1201	Crosswalk Cross Slope - Yield Condition	6	27.21	-0.48	-1.8%	0.0% to 2.0%				W1200	6341928.43	24412695.60	698.84
W1201	W1202	Landing/Turning Space	4	10.00	-0.05	-0.5%	0.1% to 2.0%				W1201	6341908.76	24412674.35	698.36
W1202	W1203	Landing/Turning Space	4	5.00	0.09	1.8%	0.1% to 2.0%	Yes			W1202	6341908.77	24412664.34	698.31
W1203	W1204	Landing/Turning Space	4	10.00	0.10	1.0%	0.1% to 2.0%				W1203	6341913.77	24412664.35	698.40
W1204	W1205	Ramp Running Slope	6	0.92	0.02	1.8%	0.5% to 8.3%				W1204	6341913.76	24412674.35	698.50
W1205	W1206	Ramp Running Slope	6	21.51	0.26	1.2%	0.5% to 8.3%				W1205	6341913.76	24412675.27	698.52
W1206	W1207	Landing/Turning Space	4	5.00	0.03	0.7%	0.1% to 2.0%				W1206	6341928.85	24412690.59	698.78
W1207	W1208	Sidewalk Cross Slope	4	15.00	-0.15	-1.0%	0.5% to 2.0%				W1207	6341933.83	24412690.54	698.81
W1208	W1209	Sidewalk Running Slope	4	4.00	-0.02	-0.5%	0.5% to 5.0%				W1208	6341949.15	24412690.36	698.67
W1209	W1210	Match Existing Cross Slope	4	4.00	-0.10	-2.5%	Match Existing				W1209	6341953.15	24412690.32	698.65
W1210	W1211	Sidewalk Running Slope	4	4.10	-0.01	-0.1%	0.5% to 5.0%				W1210	6341953.12	24412694.36	698.55
W1211	W1212	Sidewalk Running Slope	4	15.00	0.28	1.9%	0.5% to 5.0%				W1211	6341949.20	24412695.36	698.54
W1212	W1200	Landing/Turning Space	4	5.50	0.01	0.2%	0.1% to 2.0%				W1212	6341933.89	24412695.54	698.83
W1201	W1203	Landing/Turning Space	4	11.20	0.04	0.4%	0.1% to 2.0%							
W1202	W1204	Landing/Turning Space	4	11.20	0.19	1.7%	0.1% to 2.0%	Yes						
W1200	W1207	Landing/Turning Space	4	7.40	-0.02	-0.3%	0.1% to 2.0%							
W1206	W1212	Landing/Turning Space	4	7.10	0.05	0.7%	0.1% to 2.0%							



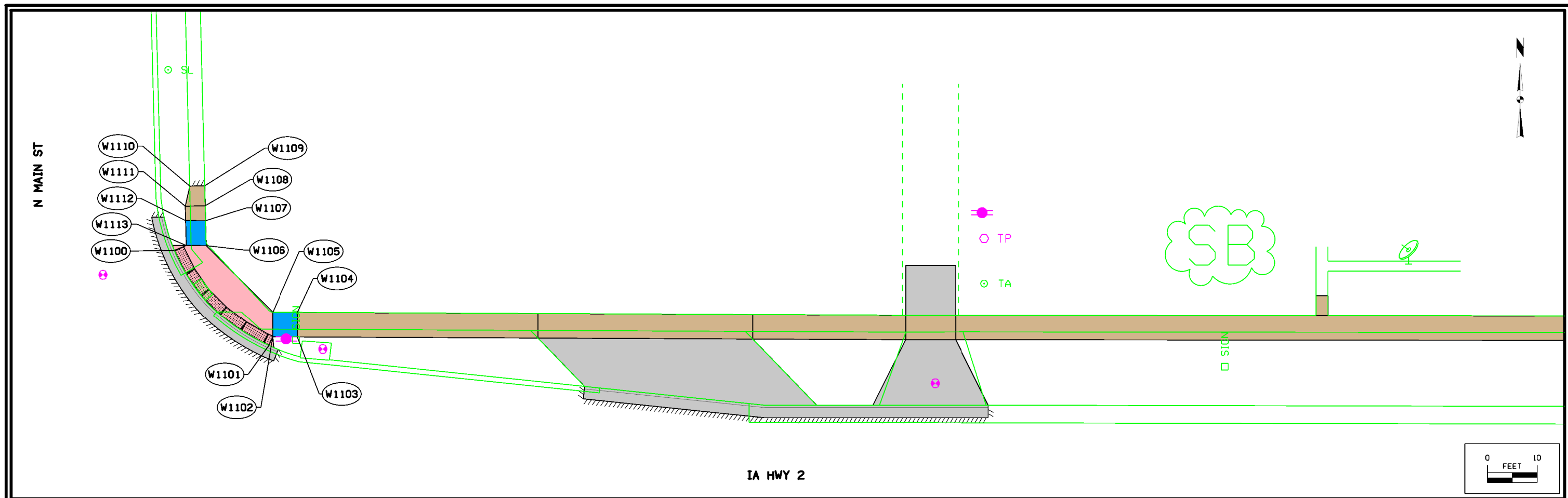
113-10
04-18-17

SIDEWALK COMPLIANCE

See S Sheets

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

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES				
											Point	Northing	Easting	Elevation	
W1300	W1301	Sidewalk Running Slope	4	48.40	0.08	0.2%	0.5% to 5.0%				W1300	63418+51.50	24412620.72	698.10	
W1301	W1302	Landing/Turning Space	4	5.00	0.01	0.1%	0.1% to 2.0%				W1301	63418+48.20	24412669.02	698.19	
W1302	W1303	Ramp Running Slope	6	4.83	-0.16	-3.3%	0.5% to 8.3%				W1302	63418+47.86	24412674.00	698.19	
W1303	W1304	Ramp Running Slope	6	12.73	-0.06	-0.5%	0.5% to 8.3%				W1303	63418+47.53	24412678.83	698.03	
W1304	W1305	Ramp Running Slope	6	2.10	-0.03	-1.5%	0.5% to 8.3%				W1304	63418+38.52	24412687.82	697.97	
W1305	W1306	Landing/Turning Space	4	5.00	-0.11	-2.3%	0.1% to 3.3%				W1305	63418+36.47	24412687.89	697.94	
W1306	W1307	Sidewalk Running Slope	4	7.00	0.17	2.4%	0.5% to 5.0%				W1306	63418+31.47	24412688.07	697.82	
W1307	W1308	Match Existing Cross Slope	4	4.00	-0.13	-3.2%	Match Existing				W1307	63418+24.48	24412688.28	697.99	
W1308	W1309	Sidewalk Running Slope	4	7.00	0.02	0.3%	0.5% to 5.0%				W1308	63418+24.61	24412692.28	697.87	
W1309	W1310	Landing/Turning Space	4	5.00	0.01	0.2%	0.1% to 2.0%				W1309	63418+31.57	24412692.05	697.89	
W1310	W1311	Ramp Running Slope	6	2.61	-0.16	-6.1%	0.5% to 8.3%				W1310	63418+36.60	24412691.88	697.90	
W1311	W1312	Crosswalk Cross Slope - Yield Condition	6	26.33	0.21	0.8%	0.0% to 2.0%				W1311	63418+37.76	24412694.22	697.74	
W1312	W1313	Ramp Running Slope	6	2.77	0.16	5.8%	0.5% to 8.3%				W1312	63418+55.37	24412675.40	697.95	
W1313	W1314	Landing/Turning Space	4	5.00	-0.01	-0.2%	0.1% to 2.0%				W1313	63418+52.85	24412674.35	698.11	
W1314	W1315	Sidewalk Running Slope	4	48.40	0.18	0.4%	0.5% to 5.0%				W1314	63418+53.19	24412669.36	698.10	
W1315	W1300	Match Existing Cross Slope	4	5.00	-0.18	-3.6%	Match Existing				W1315	63418+56.49	24412621.06	698.28	
W1301	W1313	Landing/Turning Space	4	7.07	-0.07	-1.1%	0.1% to 2.0%								
W1302	W1314	Landing/Turning Space	4	7.07	-0.09	-1.3%	0.1% to 2.0%								
W1305	W1309	Landing/Turning Space	4	6.43	-0.05	-0.7%	0.1% to 2.0%								
W1306	W1310	Landing/Turning Space	4	6.43	0.08	1.2%	0.1% to 2.0%								
W1400	W1401	Landing/Turning Space	4	3.03	0.19	6.4%	0.1% to 7.4%			Drainage issues were considered	W1400	63418+28.46	24412747.25	697.84	
W1401	W1402	Landing/Turning Space	4	2.12	0.00	0.2%	0.1% to 2.0%			Drainage issues were considered	W1401	63418+28.19	24412750.39	698.04	
W1402	W1403	Landing/Turning Space	4	3.64	-0.04	-1.2%	0.1% to 2.0%				W1402	63418+25.94	24412750.21	698.04	
W1403	W1404	Landing/Turning Space	4	10.21	0.13	1.3%	0.1% to 2.0%				W1403	63418+26.12	24412753.86	698.00	
W1404	W1405	Ramp Running Slope	6	20.58	0.04	0.2%	0.5% to 8.3%				W1404	63418+36.38	24412754.52	698.13	
W1405	W1406	Landing/Turning Space	4	14.00	0.07	0.5%	0.1% to 2.0%				W1405	63418+50.85	24412769.01	698.17	
W1406	W1407	Landing/Turning Space	4	6.42	-0.07	-1.1%	0.1% to 2.0%				W1406	63418+52.11	24412782.94	698.24	
W1407	W1408	Landing/Turning Space	4	14.20	-0.22	-1.6%	0.1% to 2.0%			Yes	W1407	63418+58.51	24412782.88	698.17	
W1408	W1409	Ramp Cross Slope	6	28.71	-0.21	-0.7%	0.1% to 2.0%				W1408	63418+56.00	24412769.04	697.94	
W1409	W1400	Ramp Cross Slope	6	5.91	0.11	1.9%	0.1% to 2.0%			Yes	W1409	63418+36.33	24412749.23	697.73	



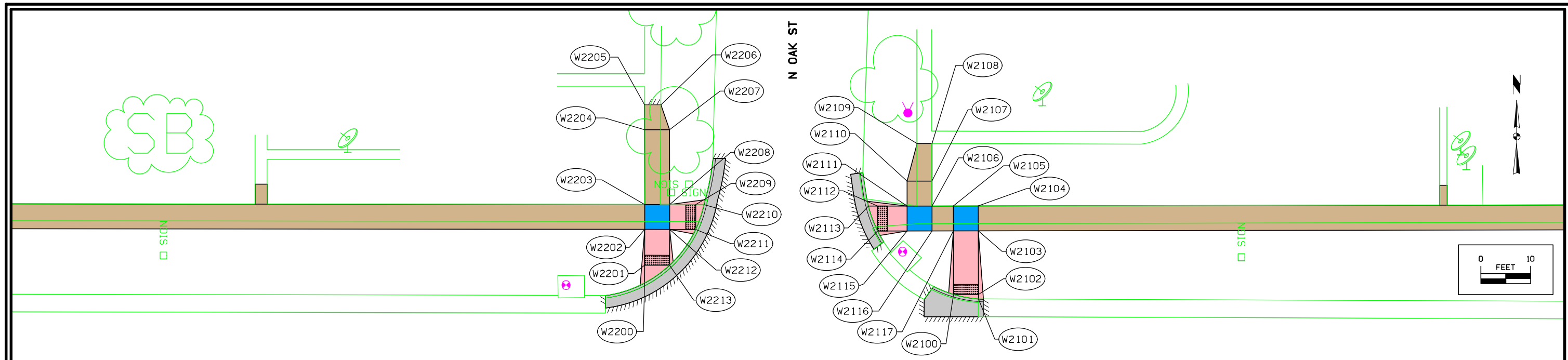
113-10
04-18-17

SIDEWALK COMPLIANCE

See 5 Sheets

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

Point to Point	Sidewalk Designation	-" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W1100 W1101	Ramp Cross Slope	6	27.60	0.01	0.0%	0.1% to 2.0%					W1100	63419+27.82	24412749.57	699.10
W1101 W1102	Ramp Running Slope	6	1.90	0.14	7.4%	0.5% to 8.3%	Yes				W1101	63419+27.82	24412749.57	699.11
W1102 W1103	Landing/Turning Space	4	5.00	0.02	0.4%	0.1% to 2.0%					W1102	63419+10.40	24412769.29	699.25
W1103 W1104	Landing/Turning Space	4	5.00	0.08	1.6%	0.1% to 2.0%	Yes				W1103	63419+10.38	24412774.29	699.27
W1104 W1105	Landing/Turning Space	4	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes				W1104	63419+15.38	24412774.31	699.35
W1105 W1106	Ramp Running Slope	6	18.91	0.08	0.4%	0.5% to 8.3%					W1105	63419+15.40	24412769.31	699.26
W1106 W1107	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1106	63419+28.79	24412755.96	699.34
W1107 W1108	Sidewalk Running Slope	4	3.00	0.03	1.1%	0.5% to 5.0%					W1107	63419+33.78	24412755.83	699.27
W1108 W1109	Sidewalk Running Slope	4	4.00	-0.03	-0.7%	0.5% to 5.0%					W1108	63419+36.78	24412755.76	699.30
W1109 W1110	Match Existing Cross Slope	4	3.00	0.03	1.0%	Match Existing					W1109	63419+40.78	24412755.67	699.28
W1110 W1111	Sidewalk Running Slope	4	4.00	0.06	1.6%	0.5% to 5.0%					W1110	63419+40.71	24412752.67	699.31
W1111 W1112	Crosswalk Cross Slope - Yield Condition	6	3.00	-0.03	-1.1%	0.0% to 2.0%					W1111	63419+36.69	24412751.76	699.37
W1112 W1113	Landing/Turning Space	4	5.00	-0.06	-1.1%	0.1% to 2.0%					W1112	63419+33.80	24412751.83	699.34
W1113 W1100	Ramp Running Slope	6	2.58	-0.18	-7.0%	0.5% to 8.3%					W1113	63419+28.80	24412751.96	699.28
W1102 W1104	Landing/Turning Space	4	7.07	0.10	1.4%	0.1% to 2.0%								
W1103 W1105	Landing/Turning Space	4	7.07	-0.01	-0.1%	0.1% to 2.0%								
W1106 W1112	Landing/Turning Space	4	6.50	0.00	-0.1%	0.1% to 2.0%								
W1107 W1113	Landing/Turning Space	4	6.30	0.01	0.2%	0.1% to 2.0%								



113-10
04-18-17

SIDEWALK COMPLIANCE

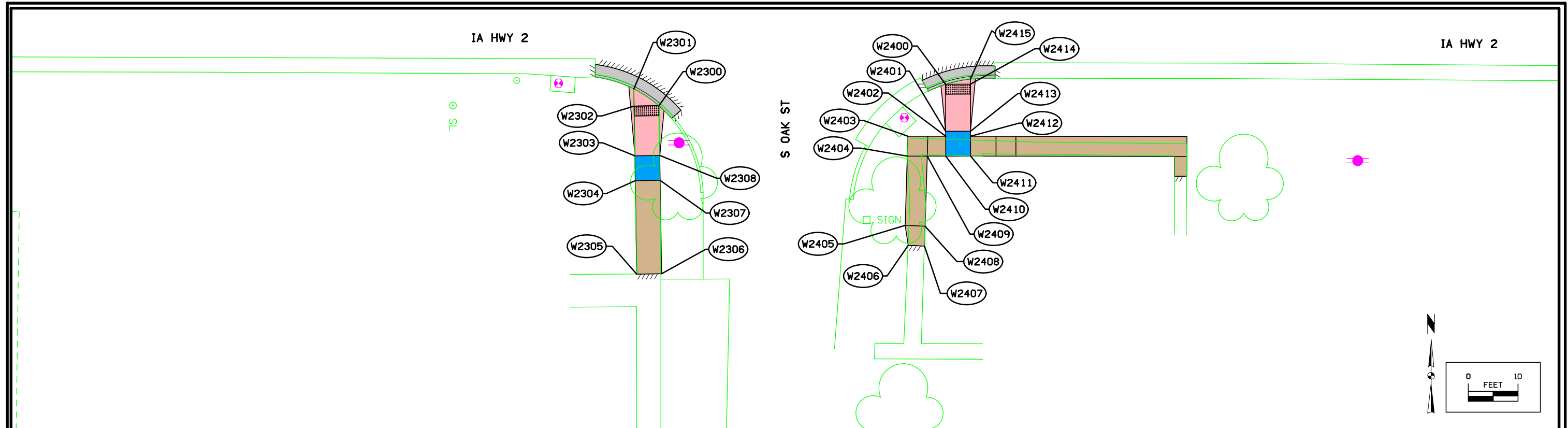
See 5 Sheets

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

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2100 W2101	Crosswalk Cross Slope - No Yield Condition	6	5.10	0.04	0.8%	0.0% to 5.0%					W2100	6341896.61	24413118.54	701.10
W2101 W2102	Ramp Running Slope	6	0.92	0.06	6.5%	0.5% to 8.3%					W2101	6341895.69	24413123.55	701.14
W2102 W2103	Ramp Running Slope	6	12.76	0.89	7.0%	0.5% to 8.3%					W2102	6341896.61	24413123.54	701.20
W2103 W2104	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2103	6341909.36	24413123.52	702.09
W2104 W2105	Landing/Turning Space	4	5.00	0.02	0.5%	0.1% to 2.0%					W2104	6341914.36	24413123.52	702.16
W2105 W2106	Sidewalk Running Slope	4	4.28	-0.53	-12.5%	0.5% to 13.5%					W2105	6341914.36	24413118.52	702.18
W2106 W2107	Sidewalk Running Slope	4	5.00	0.21	4.2%	0.5% to 5.0%	Yes				W2106	6341914.35	24413114.24	701.65
W2107 W2108	Sidewalk Running Slope	4	7.51	0.34	4.5%	0.5% to 5.0%	Yes				W2107	6341919.35	24413114.23	701.86
W2108 W2109	Match Existing Cross Slope	4	3.00	-0.04	-1.3%	Match Existing					W2108	6341926.86	24413114.24	702.20
W2109 W2110	Sidewalk Running Slope	4	7.78	-0.37	-4.8%	0.5% to 5.0%	Yes				W2109	6341926.86	24413111.24	702.16
W2110 W2111	Sidewalk Running Slope	4	5.00	-0.33	-6.6%	0.5% to 7.6%					W2110	6341919.34	24413109.24	701.79
W2111 W2112	Ramp Running Slope	6	5.90	-0.35	-5.9%	0.5% to 8.3%					W2111	6341914.34	24413109.24	701.46
W2112 W2113	Ramp Running Slope	6	1.86	-0.15	-8.1%	0.5% to 8.3%	Yes				W2112	6341914.33	24413103.34	701.11
W2113 W2114	Crosswalk Cross Slope - Yield Condition	6	5.10	0.39	7.6%	0.0% to 8.6%					W2113	6341914.33	24413101.48	700.96
W2114 W2115	Ramp Running Slope	6	5.91	0.19	3.2%	0.5% to 8.3%					W2114	6341909.33	24413103.34	701.35
W2115 W2116	Landing/Turning Space	4	5.00	0.06	1.2%	0.1% to 2.0%					W2115	6341909.34	24413109.25	701.54
W2116 W2117	Sidewalk Running Slope	4	4.28	0.50	11.7%	0.5% to 12.7%					W2116	6341909.35	24413114.24	701.60
W2117 W2100	Ramp Running Slope	6	12.74	-1.00	-7.8%	0.5% to 8.3%	Yes				W2117	6341909.36	24413118.52	702.10
W2103 W2105	Landing/Turning Space	4	7.07	0.09	1.3%	0.1% to 2.0%								
W2104 W2117	Landing/Turning Space	4	7.07	-0.06	-0.8%	0.1% to 2.0%								
W2106 W2115	Landing/Turning Space	4	7.07	-0.11	-1.5%	0.1% to 2.0%								
W2111 W2116	Landing/Turning Space	4	7.07	0.14	2.0%	0.1% to 2.0%	Yes							
W2200 W2201	Ramp Running Slope	6	3.57	0.21	5.9%	0.5% to 8.3%					W2200	6341898.90	24413056.63	700.80
W2201 W2202	Ramp Running Slope	6	7.19	0.43	6.0%	0.5% to 8.3%					W2201	6341902.47	24413056.63	701.01
W2202 W2203	Landing/Turning Space	4	5.00	0.08	1.6%	0.1% to 2.0%	Yes				W2202	6341909.66	24413056.64	701.44
W2203 W2204	Sidewalk Running Slope	4	15.00	1.16	7.7%	0.5% to 8.7%					W2203	6341914.66	24413056.65	701.52
W2204 W2205	Sidewalk Running Slope	4	5.00	-0.11	-2.2%	0.5% to 5.0%					W2204	6341929.66	24413056.62	702.68
W2205 W2206	Match Existing Cross Slope	4	3.28	0.26	7.9%	Match Existing					W2205	6341934.66	24413056.61	702.57
W2206 W2207	Sidewalk Running Slope	4	5.30	-0.23	-4.3%	0.5% to 5.0%	Yes				W2206	6341934.66	24413059.90	702.83
W2207 W2208	Sidewalk Running Slope	4	15.00	-1.15	-7.7%	0.5% to 8.7%					W2207	6341929.65	24413061.62	702.60
W2208 W2209	Ramp Running Slope	6	5.22	-0.31	-5.9%	0.5% to 8.3%					W2208	6341914.65	24413061.64	701.45
W2209 W2210	Ramp Running Slope	6	1.68	-0.11	-6.5%	0.5% to 8.3%					W2209	6341914.65	24413066.86	701.14
W2210 W2211	Crosswalk Cross Slope - Yield Condition	6	5.10	-0.03	-0.6%	0.0% to 2.0%					W2210	6341914.61	24413068.54	701.03
W2211 W2212	Ramp Running Slope	6	5.22	0.42	8.0%	0.5% to 8.3%	Yes				W2211	6341909.65	24413066.86	701.00
W2212 W2213	Ramp Running Slope	6	7.19	-0.41	-5.7%	0.5% to 8.3%					W2212	6341909.65	24413061.64	701.42
W2213 W2200	Crosswalk Cross Slope - No Yield Condition	6	5.10	-0.21	-4.2%	0.0% to 5.0%					W2213	6341902.46	24413061.63	701.01
W2202 W2208	Landing/Turning Space	4	7.07	0.01	0.1%	0.1% to 2.0%								
W2203 W2212	Landing/Turning Space	4	7.07	-0.10	-1.4%	0.1% to 2.0%								

IA HWY 2

IA HWY 2



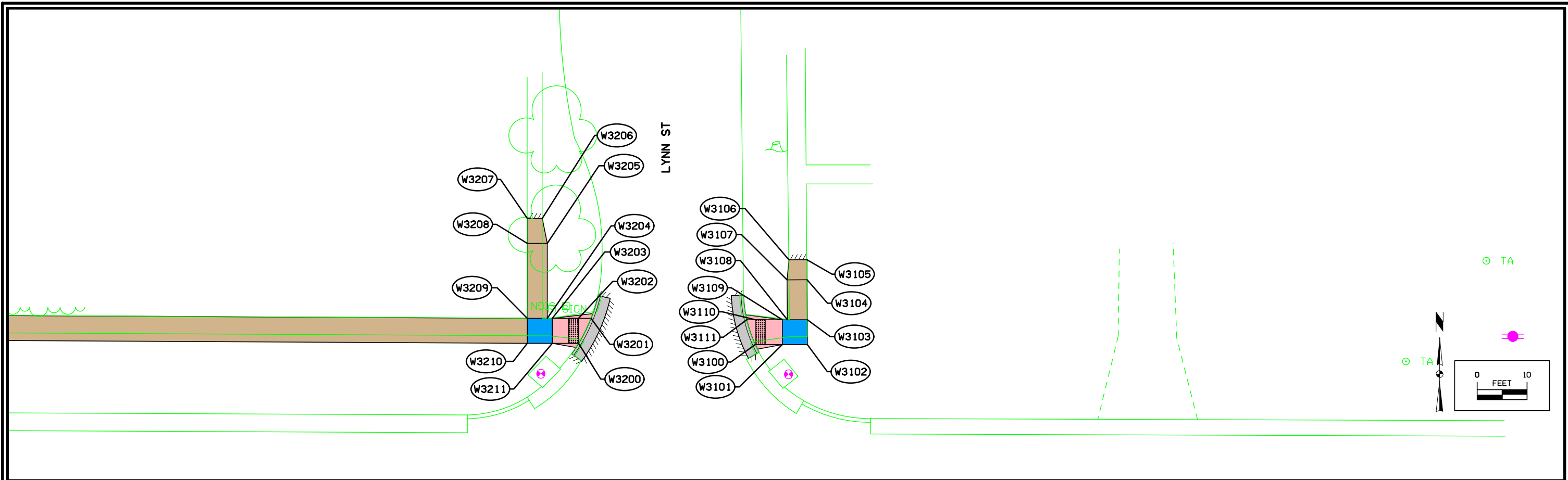
113-10
04-18-17

SIDEWALK COMPLIANCE

See S Sheets

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

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2300 W2301	Crosswalk Cross Slope - No Yield Condition	6	6.10	-0.18	-3.0%	0.0% to 5.0%					W2300	6341858.99	24413060.92	700.65
W2301 W2302	Ramp Running Slope	6	3.46	0.21	6.1%	0.5% to 8.3%					W2301	6341862.37	24413055.87	700.47
W2302 W2303	Ramp Running Slope	6	10.00	0.59	5.9%	0.5% to 8.3%					W2302	6341858.91	24413055.92	700.68
W2303 W2304	Landing/Turning Space	4	5.00	0.08	1.6%	0.1% to 2.0%	Yes				W2303	6341848.91	24413056.08	701.27
W2304 W2305	Sidewalk Running Slope	4	18.80	1.29	6.9%	0.5% to 7.9%					W2304	6341843.91	24413056.15	701.35
W2305 W2306	Match Existing Cross Slope	4	5.00	-0.27	-5.5%	Match Existing					W2305	6341825.12	24413056.44	702.64
W2306 W2307	Sidewalk Running Slope	4	18.80	-1.08	-5.7%	0.5% to 6.7%					W2306	6341825.19	24413061.44	702.37
W2307 W2308	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W2307	6341843.99	24413061.15	701.29
W2308 W2300	Ramp Running Slope	6	10.00	-0.57	-5.7%	0.5% to 8.3%					W2308	6341848.99	24413061.07	701.22
W2303 W2307	Landing/Turning Space	4	7.07	0.02	0.3%	0.1% to 2.0%								
W2304 W2308	Landing/Turning Space	4	7.07	-0.13	-1.8%	0.1% to 2.0%	Yes							
W2400 W2401	Ramp Running Slope	6	9.46	0.51	5.4%	0.5% to 8.3%					W2400	6341863.32	24413118.65	701.83
W2401 W2402	Landing/Turning Space	4	1.00	0.01	1.5%	0.1% to 2.0%					W2401	6341853.85	24413118.62	702.35
W2402 W2403	Sidewalk Running Slope	4	7.59	-0.16	-2.1%	0.5% to 5.0%					W2402	6341852.85	24413118.62	702.36
W2403 W2404	Sidewalk Running Slope	4	4.00	0.24	6.0%	0.5% to 7%					W2403	6341852.86	24413111.02	702.20
W2404 W2405	Sidewalk Running Slope	4	13.93	0.33	2.3%	0.5% to 5.0%					W2404	6341848.86	24413110.90	702.44
W2405 W2406	Sidewalk Running Slope	4	4.10	-0.01	-0.2%	0.5% to 5.0%					W2405	6341834.94	24413110.48	702.77
W2406 W2407	Match Existing Cross Slope	4	3.30	0.02	0.7%	Match Existing					W2406	6341830.91	24413111.08	702.76
W2407 W2408	Sidewalk Running Slope	4	4.00	-0.09	-2.1%	0.5% to 5.0%					W2407	6341830.76	24413114.35	702.78
W2408 W2409	Sidewalk Running Slope	4	13.93	-0.23	-1.6%	0.5% to 5.0%					W2408	6341834.76	24413114.47	702.70
W2409 W2410	Sidewalk Running Slope	4	3.72	-0.09	-2.5%	0.5% to 5.0%					W2409	6341848.86	24413114.90	702.47
W2410 W2411	Landing/Turning Space	4	4.00	0.08	2.0%	0.1% to 2.0%	Yes				W2410	6341848.85	24413118.62	702.38
W2411 W2412	Landing/Turning Space	4	4.00	-0.08	-2.0%	0.1% to 2.0%	Yes				W2411	6341848.86	24413123.62	702.46
W2412 W2413	Landing/Turning Space	4	1.00	-0.01	-1.0%	0.1% to 2.0%					W2412	6341852.86	24413123.62	702.38
W2413 W2414	Ramp Running Slope	6	9.46	-0.59	-6.2%	0.5% to 8.3%					W2413	6341853.86	24413123.62	702.37
W2414 W2415	Ramp Running Slope	6	1.10	-0.07	-6.2%	0.5% to 8.3%					W2414	6341863.32	24413123.60	701.78
W2415 W2400	Crosswalk Cross Slope - No Yield Condition	6	5.12	0.12	2.4%	0.0% to 5.0%					W2415	6341864.38	24413123.60	701.71
W2401 W2411	Landing/Turning Space	4	7.07	0.12	1.6%	0.1% to 2.0%	Yes							
W2410 W2413	Landing/Turning Space	4	7.07	-0.01	-0.1%	0.1% to 2.0%								



113-10
04-18-17

SIDEWALK COMPLIANCE

See S Sheets

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

Point to Point	Sidewalk Designation	- " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W3100 W3101	Ramp Running Slope	6	5.40	0.43	8.0%	0.5% to 8.3%	Yes				W3100	6341908.62	24413463.47	701.48
W3101 W3102	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W3101	6341908.62	24413468.87	701.91
W3102 W3103	Landing/Turning Space	4	5.00	0.06	1.3%	0.1% to 2.0%					W3102	6341908.62	24413473.87	701.99
W3103 W3104	Sidewalk Running Slope	4	8.00	0.31	3.9%	0.5% to 5.0%					W3103	6341913.62	24413473.87	702.05
W3104 W3105	Sidewalk Running Slope	4	4.00	0.02	0.6%	0.5% to 5.0%					W3104	6341921.62	24413473.82	702.36
W3105 W3106	Match Existing Cross Slope	4	4.00	-0.06	-1.6%	Match Existing					W3105	6341925.62	24413473.79	702.39
W3106 W3107	Sidewalk Running Slope	4	4.00	0.04	0.9%	0.5% to 5.0%					W3106	6341925.60	24413470.20	702.33
W3107 W3108	Sidewalk Running Slope	4	8.00	-0.46	-5.8%	0.5% to 6.8%					W3107	6341921.59	24413469.82	702.36
W3108 W3109	Landing/Turning Space	4	1.00	0.01	1.0%	0.1% to 2.0%					W3108	6341913.62	24413469.87	701.90
W3109 W3110	Ramp Running Slope	6	5.41	-0.33	-6.1%	0.5% to 8.3%					W3109	6341913.62	24413468.87	701.91
W3110 W3111	Ramp Running Slope	6	1.70	-0.10	-5.9%	0.5% to 8.3%					W3110	6341913.62	24413463.47	701.58
W3111 W3100	Crosswalk Cross Slope - Yield Condition	6	5.10	0.00	0.1%	0.0% to 2.0%					W3111	6341913.62	24413461.77	701.48
W3101 W3103	Landing/Turning Space	4	7.07	0.14	1.9%	0.1% to 2.0%	Yes							
W3102 W3109	Landing/Turning Space	4	7.07	-0.08	-1.1%	0.1% to 2.0%								
W3200 W3201	Crosswalk Cross Slope - Yield Condition	6	5.00	0.06	1.2%	0.0% to 2.0%					W3200	6341908.90	24413428.13	701.39
W3201 W3202	Ramp Running Slope	6	2.47	0.14	5.7%	0.5% to 8.3%					W3201	6341913.90	24413430.60	701.45
W3202 W3203	Ramp Running Slope	6	5.26	0.31	5.9%	0.5% to 8.3%					W3202	6341913.90	24413428.13	701.59
W3203 W3204	Landing/Turning Space	4	1.00	0.01	1.0%	0.1% to 2.0%					W3203	6341913.90	24413422.87	701.90
W3204 W3205	Sidewalk Running Slope	4	15.00	0.35	2.4%	0.5% to 5.0%					W3204	6341913.90	24413421.87	701.91
W3205 W3206	Sidewalk Running Slope	4	5.10	-0.05	-1.0%	0.5% to 5.0%					W3205	6341928.90	24413421.87	702.26
W3206 W3207	Match Existing Cross Slope	4	3.00	-0.18	-5.9%	Match Existing					W3206	6341933.90	24413420.87	702.21
W3207 W3208	Sidewalk Running Slope	4	5.00	0.29	5.9%	0.5% to 6.9%					W3207	6341933.90	24413417.87	702.04
W3208 W3209	Sidewalk Running Slope	4	15.00	-0.49	-3.3%	0.5% to 5.0%					W3208	6341928.90	24413417.87	702.33
W3209 W3210	Landing/Turning Space	4	5.00	-0.06	-1.2%	0.1% to 2.0%					W3209	6341913.90	24413417.87	701.84
W3210 W3211	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W3210	6341908.90	24413417.87	701.78
W3211 W3200	Ramp Running Slope	6	5.26	-0.32	-6.1%	0.5% to 8.3%					W3211	6341908.90	24413422.87	701.71
W3204 W3210	Landing/Turning Space	4	7.07	-0.13	-1.8%	0.1% to 2.0%	Yes							
W3209 W3211	Landing/Turning Space	4	7.07	-0.13	-1.8%	0.1% to 2.0%	Yes							