LETTING DATE
03-21-2024

CITY OF NEVADA
F AVE & G AVE STREET REHABILITATION

TOTAL
46

PROJECT TRAFFIC CONTROL NOTE

THIS ROAD WILL BE CLOSED TO TRAFFIC DURING CONSTRUCTION. LOCAL TRAFFIC WILL ACCESS THEIR PROPERTY USING SIDE STREETS OR ALLEYWAYS. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS AS ADOPTED BY THE IDOT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130, AND APPLICABLE SUDAS STANDARDS. FOR ADDITION TRAFFIC CONTROL INFORMATION SEE TAB 108-23A IN THE C SHEETS.

PROJECT DESCRIPTION

The project consists of a 3-inch mill and fill HMA overlay & curb replacement of F Ave & G Ave from 6th St to 10th St.

CITY OF NEVADA

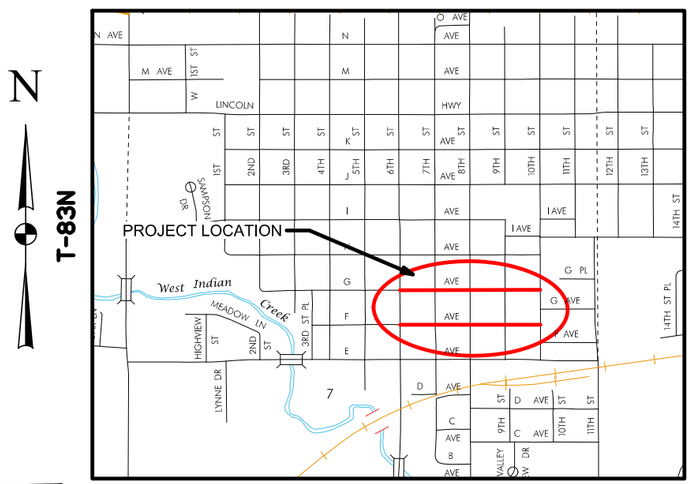
F AVE & G AVE STREET REHABILITATION

STREET REHABILITATION
FROM 6TH ST TO 10TH ST

THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) PROGRAM URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, 2024 EDITION AND CONTRACT DOCUMENT SPECIFICATIONS SHALL APPLY TO THIS PROJECT

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

INDEX OF SHEETS



LOCATION MAP - PART OF CITY OF NEVADA
(Not to Scale)

IOWA STATEWIDE URBAN DESIGN AND SPECIFICATION FIGURES & IOWA DOT STANDARD ROAD PLANS

The following Figures shall be considered applicable to constuction work on this project.

Figure Number		Date	Title
2010.102	-	10-21-14	Designation of Roadway Earthwork Items
3010.101	(SW-101)	04-21-09	Trench Bedding and Backfill Zones
3010.102	(SW-102)	04-18-17	Rigid Gravity Pipe Trench Bedding
3010.901	-	10-21-14	Sewer Pipe Support Over Existing Utility
4020.211	(SW-211)	10-16-12	Special Pipe Connection For Storm Sewer
6010.306	(SW-306)	04-21-15	Chimney Seals for Sanitary Sewer Manholes
6010.401	(SW-401)	04-20-21	Circular Storm Sewer Manhole
6010.501	(SW-501)	04-20-21	Single Grate Intake
6010.601	(SW-601)	04-21-20	Castings for Sanitary Sewer Manholes
6010.601	(SW-602)	04-21-20	Castings for Storm Sewer Manholes
6010.603	(SW-603)	10-16-18	Castings for Grate Intakes
7010.102	(PV-102)	04-21-20	PCC Curb Details
7020.201	(PV-201)	04-19-22	Manhole Boxouts in HMA Pavement and HMA Overlays
7020.901	-	10-19-10	HMA Pavement
7021.101	-	10-19-22	Details for Asphalt Paving
7030.101	-	10-20-15	Concrete Driveway, Type A
7030.201	-	10-21-15	Classes of Sidewalks
7030.204	-	10-20-15	General Features of an Accessible Sidewalk
7030.205	-	10-20-15	General Sidewalk and Curb Ramp Details
7030.207	-	10-16-12	Curb Ramp for Class B or C Sidewalk
7030.210	-	10-16-12	Detectable Warning Placement
9040.102	-	10-18-16	Filter Berm and Filter Sock

UTILITY CONTACT INFORMATION

Utility	Contact	Email	Phone
(ANW) ALLIANT ENERGY	FIELD ENGINEER	LOCATE_IPL@ALLIANTENERGY.COM	800-255-4268
(MET) METRO FIBERNET, LLC	LORI KEMPER	811DESIGN@METRONET.COM	812-213-1050
(NED) NEVADA COMMUNITY SCHOOLS	DAVID KROESE	DKROESE@NEVADA.K12.IA.US	515-382-4067
(NEV) NEVADA, CITY OF	KERIN WRIGHT	KWRIGHT@CITYOFNEVADAIOWA.ORG	515-382-5466
(SCO) COMMUNICATION INNOVATORS	JENNIFER COSBY	LOCATES@GOTOCI.COM	515-262-7686
(STORIA1) MEDIACOM	WOLFGANG SPENCER	WSPENCER@MEDIACOMCC.COM	845-587-2497
(WINIA) WINDSTREAM COMMUNICATIONS	LOCATE DESK	LOCATE.DESK@WINDSTREAM.COM	800-289-1901

MILEAGE SUMMARY

105-1
09-27-94

#	Location	Lin. Ft.	Miles
G AVE	Sta. 10+83.76 to Sta. 24+99.39	1415.63	0.27
F AVE	Sta. 210+67.34 to Sta. 224+78.06	1410.72	0.27

ROADWAY DESIGN

LICENSED PROFESSIONAL ENGINEER
NOAH D. COLLINS
28589
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.

Noah Collins — 2/22/2024
Signature — Date

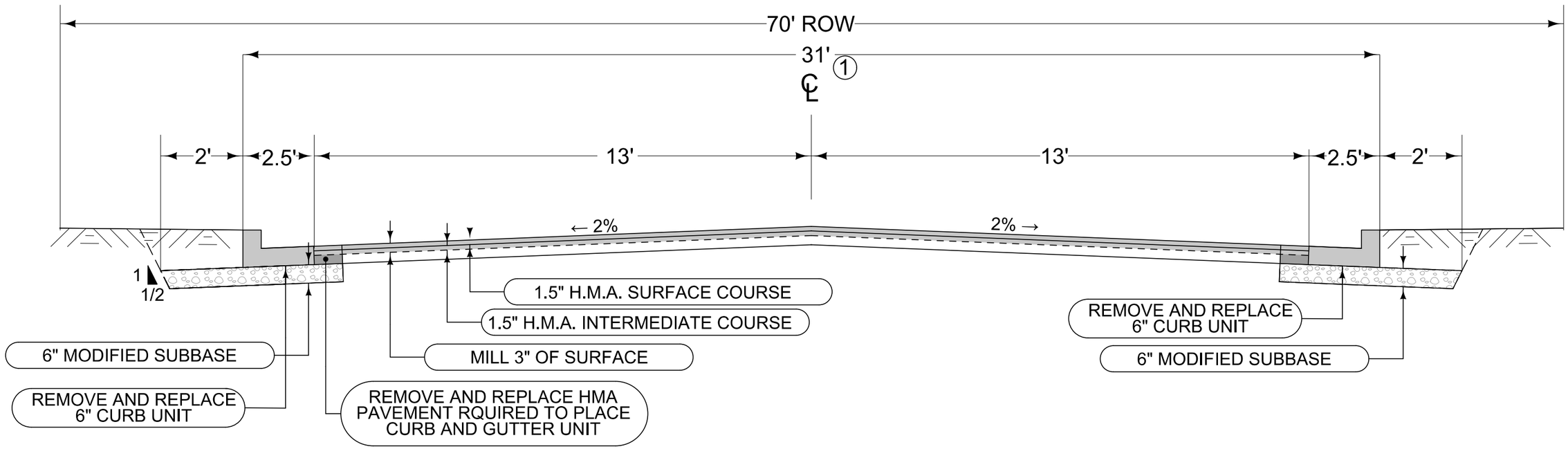
Noah Collins
Printed or Typed Name

My license renewal date is December 31, 2025

Pages or sheets covered by this seal: A.1, B.1-B.2, C.1-C.7, D.1-D.7, G.1, L.1-L.10, M.1-M.2, S.1-S.6, U.1-U.10

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER A.1

1:43:13 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_A01_9942_2D_IARCS08.dgn



HMA PAVEMENT RESURFACING

G AVE

STATION 10+83.76 TO 17+10.40

STATION 18+19.93 TO 20+79.19

STATION 21+93.32 TO 24+99.39

F AVE

STATION 210+67.34 TO 216+85.43

STATION 218+01.78 TO 224+87.09

1. 10+83.76 TO 13+75.00 BOC TO BOC DISTANCE IS 27

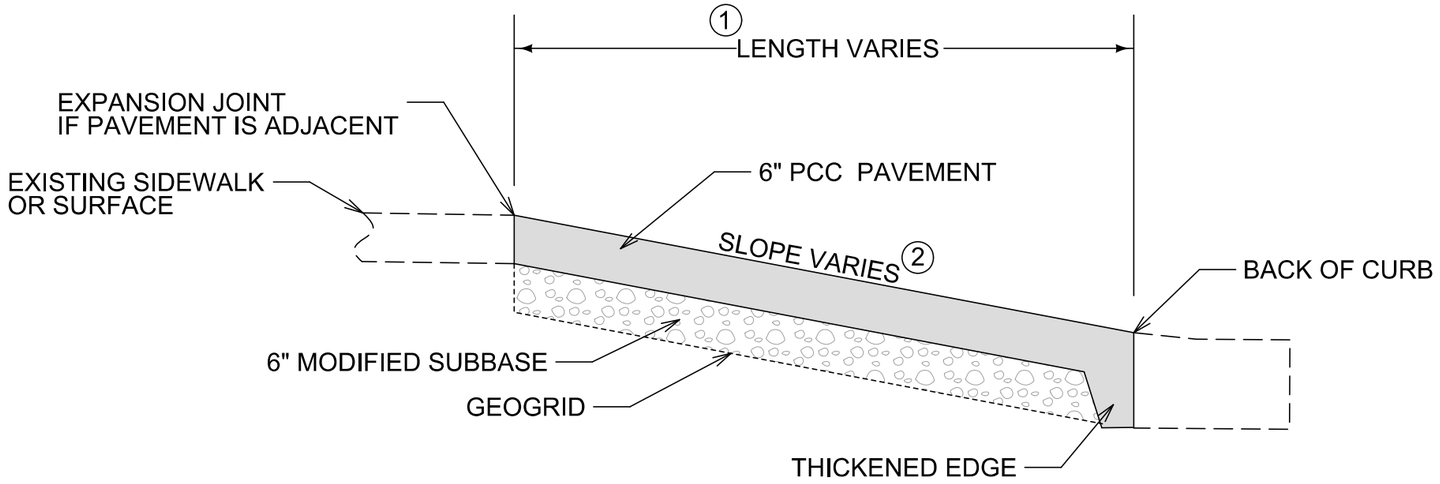
2.TARGET FINISHED SLOPE IS 2% WITH A MAXIMUM ALLOWABLE SLOPE OF 3% AND MINIMUM ALLOWABLE SLOPE OF 2%

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER B.1

1:19:45 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_B01_9942_2D_IARCS08.dgn

WHKS 1

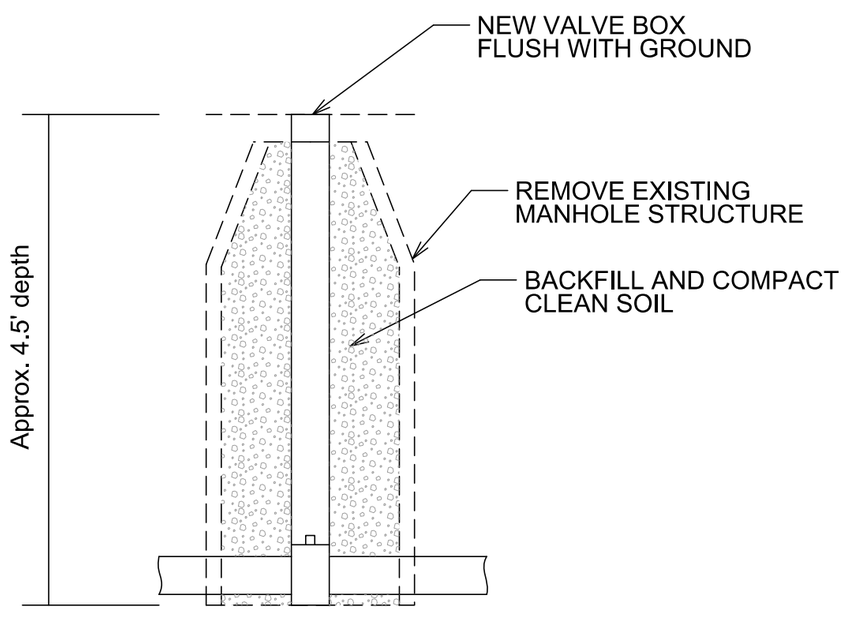
TYPICAL CROSS SECTION
ALLEYWAY DETAILS



1. SEE U SHEETS FOR REMOVAL LENGTHS. ADDITIONAL REMOVALS MAY BE REQUIRED AFTER INITAL REMOVALS ARE COMPLETE. ADDITIONAL REMOVALS SHALL BE PAID AT THE CONTRACT UNIT PRCE
2. THE CONTRACTOR SHALL REQUEST INSPECTION & APPROVAL FOR SLOPES THAT EXCEED 15%
3. REFER TO SUDAS FIGURES 7030.101 & 7030.102 FOR MORE DETAILS

REMOVAL OF VALVE MANHOLE AND REPLACMENT WITH VALVE BOX

WHKS 2



Location: G Ave. 14+38.71, Off. 16.3'

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER B.2

1:19:47 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_B01_9942_2D_IARCS08.dgn

ESTIMATED PROJECT QUANTITIES AND ESTIMATE REFERENCE INFORMATION

The Statewide Urban Design and Specifications (SUDAS) Standard Specifications for Public Improvements and Contract Document Specifications shall apply to construction work on this project. Except as noted, for each bid item, the item code is referencing the section of the current SUDAS specifications for which the item is based. Refer to SUDAS figures referencing applicable SUDAS section.

Item No.	Item Code	Item	Estimate Reference Information	Unit	BID QUANTITY	AS-BUILT QUANTITY
			BASE BID			
Division 2		**Earthwork**				
2.01	**2010-E-1**	**Excavation, Class 10**	Unit price includes a. Site preparation for, and the construction of, embankment, fills, shoulder backfill, and backfill behind curbs. b. Overhaul. c. Finishing the soil surface, including roadways, shoulders, behind curbs, side ditches, slopes, and borrow pits. d. Repair or replacement of any fences that have been unnecessarily damaged or removed. Stripping, salvaging, and spreading 8 inches of topsoil is included in the payment of Class 10 excavation. Measurement for Class 10 material excavated from the project site and borrow areas will be the plan quantity in cubic yards, without final field measurement. Adjustments may be made to the plan quantities if agreed to by both the Engineer and the Contractor. Payment will be at the unit price per cubic yard. This quantity was calulated by LF of curb removal X 4.55 SQFT of excavation.	**CY**	**840.4**	
2.02	**2010-I-1**	**Subgrade Treatment, Geogrid**	To be placed under new alleyway pavement. See WHKS-1 on sheet B.2 for details. Unit price includes but is not limited to, furnishing, placing, and incorporating the Geogrid. The area of the proposed pavement under which each type of subgrade treatment is provided, plus 2 feet on each side, will be measured in square yards.Payment will be at the unit price per square yard for each type of subgrade treatment used.	**SY**	**445.1**	
2.03	**2010-J-1**	**Subbase, Modified, 6"**	Unit price includes but is not limited to, furnishing, placing, compacting, and trimming to the proper grade. The area of the proposed pavement under which each type and thickness of subbase is provided, plus 2 feet on each side, will be measured in square yards. Payment will be at the unit price per square yard for each type and thickness of subbase. This quantity was calulated by LF of curb removal X 2.8 SQFT of subbase.	**CY**	**517.2**	
Division 4		**Sewers and Drains**				
4.01	**4020-A-1**	**Storm Sewer, Trenched, RCP, 15"**	See Tab 104-5B. Unit price includes, but is not limited to, trench excavation; dewatering; furnishing and installing pipe; furnishing, placing, and compacting bedding and backfill material; joint wrapping; wyes and other fittings; pipe joints; pipe connections; testing; and inspection. Each type and size of pipe installed in a trench will be measured in linear feet along the centerline of the pipe from center of intake or manhole to center of intake or manhole. Where the end of the pipe discharges to a ditch or waterway, measurement will be to the end of the pipe, exclusive of aprons. Lengths of elbows and tees will be included in the length of pipe measured. Payment will be made at the unit price per linear foot for each type and size of pipe.	**LF**	**46.0**	
4.02	**4020-D-1**	**Removal of Storm Sewer, RCP, 12"**	Unit price includes, but is not limited to, removal, disposal, and capping (if specified) of pipe; and furnishing, placing, and compacting backfill material. Each type and size of pipe removed will be measured in linear feet from end to end. Payment will be made at the unit price per linear foot for each type and size of pipe removed.	**LF**	**46.0**	
Division 5		**Water Main and Appurtenances**				
5.01	**5020-I-999**	**Valve Box**	This item is to place a valve box at 14+38 after the watervalve manhole is removed. See detail WHKS 2 on sheet B.2. The unit price for each valve box includes, but is not limited to; excavation; furnishing and installing new valve box; backfill; compaction; and all other necessary appurtenances. Each new valve box will be counted. Payment will be at the unit price for each valve box.	**EA**	**1.0**	

ESTIMATED PROJECT QUANTITIES AND ESTIMATE REFERENCE INFORMATION

The Statewide Urban Design and Specifications (SUDAS) Standard Specifications for Public Improvements and Contract Document Specifications shall apply to construction work on this project. Except as noted, for each bid item, the item code is referencing the section of the current SUDAS specifications for which the item is based. Refer to SUDAS figures referencing applicable SUDAS section.

Item No.	Item Code	Item	Estimate Reference Information	Unit	BID QUANTITY	AS-BUILT QUANTITY
Division 6		**Structures for Sanitary and Storm Sewers**				
6.01	**6010-A-1**	**Manhole, SW-301, 48"**	See Tab 104-5B. Type D three piece castings. Unit price includes, but is not limited to, excavation; furnishing and installing pipe; lining (if specified); furnishing, placing, and compacting bedding and backfill material; base; structural concrete; reinforcing steel; precast units (if used); concrete fillets; 3' of pipe, pipe connections; infiltration barriers (sanitary sewer manholes only); castings; adjustment rings, and box outs. Each type and size of manhole will be counted. Payment will be at the unit price for each type and size of manhole.	**EA**	**1.0**	
6.01	**6010-A-1**	**Manhole, SW-401, 48"**		**EA**	**2.0**	
6.02	**6010-B-1**	**Intake, SW-501, 48"**	See Tab 104-5B. Unit price includes, but is not limited to, excavation; furnishing and installing pipe; furnishing, placing, and compacting bedding and backfill material; base; structural concrete; reinforcing steel; precast units (if used); concrete fillets; pipe connections; castings; and adjustment rings. Each type and size of intake will be counted. Payment will be at the unit price for each type and size of intake.	**EA**	**3.0**	
6.03	**6010-A-1**	**Manhole Adjustment Minor**	See Tab 104-10. Unit price includes, but is not limited to, removing existing casting and existing adjustment rings, furnishing and installing adjustment rings, furnishing and installing new casting, and installing new infiltration barrier (sanitary sewer manholes only). Each existing manhole adjusted to finished grade by addition or removal of adjustment rings or adjustment of adjustable casting will be counted. Payment will be made at the unit price for each minor manhole adjustment.	**EA**	**1.0**	
6.04	**6010-H-1**	**Remove Manhole**	Unit price includes, but is not limited to, removal of casting, concrete, and reinforcement; plugging pipes; filling remaining structure with flowable mortar; and placing compacted fill over structure to finished grade. Each manhole removed will be counted. Payment will be made at the unit price for each manhole. For removal of the water valve manhole see sheet B.2 for details.	**EA**	**4.0**	
6.05	**6010-H-2**	**Remove Intake**	Unit price includes, but is not limited to, removal of casting, concrete, and reinforcement; plugging pipes; filling remaining structure with flowable mortar; and placing compacted fill over structure to finished grade. Each intake removed will be counted. Payment will be made at the unit price for each intake	**EA**	**3.0**	
Division 7		**Streets and Related Works**				
7.01	**7010-E-1**	**Curb and Gutter, 2.5', 6"**	The contractor shall provide a certified plant inspection.Unit price includes, but is not limited to, final subgrade/subbase preparation, bars and reinforcement, joints and sealing, surface curing and pavement protection, and boxouts for fixtures. Measurement will be in linear feet measured along the face of the curb for each different width and thickness of curb and gutter. Payment will be at the unit price per linear feet of curb and gutter.	**LF**	**4986.9**	
7.02	**7021-B-1**	**Asphalt Overlay, 1.5", Surface, 1/2", 58-28S , LT**	See Tab 100-25. The contractor shall provide a certified plant inspection. Unit price includes, but is not limited to, asphalt mix with asphalt binder, tack coat, construction zone protection, boxouts for fixtures, and quality control. Measurement will be in square yards for each different thickness of asphalt overlay. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area. Payment will be at the unit price per square yard for each thickness of asphalt overlay.	**SY**	**7573.3**	
7.03	**7021-B-1**	**Asphalt Overlay, 15", Intermediate, 1/2", 58-28S , LT**	See Tab 100-25. The contractor shall provide a certified plant inspection. Unit price includes, but is not limited to, asphalt mix with asphalt binder, tack coat, construction zone protection, boxouts for fixtures, and quality control. Measurement will be in square yards for each different thickness of asphalt overlay. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area. Payment will be at the unit price per square yard for each thickness of asphalt overlay.	**SY**	**7573.3**	
7.04	**7021-999**	**Asphalt Trench Fill, 1/2", 58-28S , LT**	This item is to fill the trench created by the pavement removal for the paving machine path. The assumed area is 1'x0.5'. Unit price includes, but is not limited to, asphalt mix with asphalt binder, tack coat, construction zone protection, and quality control. measurment and payment is per Linear foot of filled trench.	**LF**	**4986.9**	
7.05	**7030-A-1**	**Removal of Sidewalk**	See Tab 110-5. Unit price includes, but is not limited to, sawing, hauling, and disposal of materials removed. Measurement will be in square yards for the area of sidewalk removed. Payment will be at the unit price per square yard for the area of sidewalk removal.	**SY**	**153.5**	

ESTIMATED PROJECT QUANTITIES AND ESTIMATE REFERENCE INFORMATION

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Item No.	Item Code	Item	Estimate Reference Information	Unit	BID QUANTITY	AS-BUILT QUANTITY
7.06	7030-A-3	Removal of Driveway	See Tab 110-8 Unit price includes, but is not limited to, sawing, hauling, and disposal of materials removed. Measurement will be in square yards for the area of driveway removed. Payment will be at the unit price per square yard for the area of driveway removal.	SY	297.8	
7.07	7030-E-1	Sidewalk, PCC, 4"	See Tab 113-1. The contractor shall provide a certified plant inspection. Unit price includes, but is not limited to, minor grade adjustments at driveways and other intersections, subgrade preparation, formwork, additional thickness at thickened edges, jointing, sampling, slope and smoothness testing and correction, and testing. Each thickness of PCC sidewalk will be measured in square yards. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area. Payment will be at the unit price per square yard for each thickness of PCC sidewalk.	SY	14.1	
7.08	7030-E-1	Sidewalk, PCC, 6"		SY	139.1	
7.09	7030-G-1	Detectable Warnings	Unit price includes, but is not limited to, steel bar supports and manufactured detectable warning panels. Measurement will be in square feet for the area of detectable warnings installed. Paved area beneath detectable warnings will be measured with sidewalk or shared use path item. Payment will be at the unit price per square foot for the area of detectable warnings installed.	SF	144.0	
7.10	7030-H-1	Driveway, Paved, Type A, 6"	See Tab 102-3. Unit price includes, but is not limited to, excavation, subgrade preparation, jointing, sampling, and testing. Each type and thickness will be measured in square yards. The area of manholes, intakes, or other fixtures in the pavement will not be deducted from the measured pavement area. Payment will be at the unit price for each type and thickness of driveway.	SY	587.7	
7.11	7040-A-1	Full Depth Patches, HMA, 7"	This item is for use when locations of unsutiable pavement to overlay are found when milling. This item is also for the small widening of necking areas near intersections. The contractor shall provide a certified plant inspection. The quantity is estimated to be 10% of the overlay area. Full depth milling is an accptable method for removal of material. Unit price includes, but is not limited to, sawing, removing, and disposing of existing pavement and reinforcing; restoring the subgrade; furnishing and installing tie bars and dowel bars; furnishing and placing the patch material, including the asphalt binder and tack coat; forming and constructing integral curb; surface curing and pavement protection; joint sawing and filling; and placing backfill and restoring disturbed surfaces. Measurement will be in square yards for each type and thickness of full depth patch. Patches less than 2 square yards in area will be considered 2 square yards. Payment will be made at the unit price per square yard for each type and thickness of full depth patch.	SY	757.3	
7.12	7040-G	Milling	See Tab 100-25. It is expected to encounter HMA and PCC pavement. Cross slope correction is nessary on the project. Unit price includes, but is not limited to, milling pavement; furnishing water; and salvaging, stockpiling, and removing cuttings and debris. Measurement will be in square yards for the area of milling. Payment will be made at the unit price per square yard of milling.	SY	7573.3	
7.13	7040-I-1	Curb and Gutter Removal	See Tab 110-4. Unit price includes, but is not limited to, sawing, breaking, removing, and disposing of existing curb and gutter. The Unit price also includes HMA pavement removal required to place curb and gutter unit. Measurement will be in linear feet measured along the back of curb. Payment will be made at the unit price per linear foot of curb and gutter removed.	LF	4986.9	
Division 8		Traffic Control				
8.01	8030-A-1	Temporary Traffic Control	Refer to Tab 108-23A for more information. Lump sum price includes, but is not limited to, installation, maintenance, and removal of temporary traffic control; total roadway closures; removal and reinstallation or covering of permanent traffic control devices that conflict with the temporary traffic control plan; monitoring and documenting traffic control conditions; and flaggers. When required in the contract documents, the following are also included in traffic control unless a separate bid item is provided: portable dynamic message signs, temporary barrier rail, temporary flood lighting, and pilot cars. Lump sum item; no measurement will be made.	LS	1.0	

ESTIMATED PROJECT QUANTITIES AND ESTIMATE REFERENCE INFORMATION

The Statewide Urban Design and Specifications (SUDAS) Standard Specifications for Public Improvements and Contract Document Specifications shall apply to construction work on this project. Except as noted, for each bid item, the item code is referencing the section of the current SUDAS specifications for which the item is based. Refer to SUDAS figures referencing applicable SUDAS section.

Item No.	Item Code	Item	Estimate Reference Information	Unit	BID QUANTITY	AS-BUILT QUANTITY
Division 9		**Site Work and Landscaping**				
9.01	**9010-B-1**	**Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 1**	Unit price includes, but is not limited to, removal of rock and other debris from the area; repairing rills and washes; preparing the seedbed; furnishing and placing seed, including any treatment required; furnishing and placing fertilizer and mulch; and furnishing water and other care during the care period, unless these items are bid separately. Measurement will be in acres for each type of seed.	**AC**	**0.23**	
9.02	**9040-T-1**	**Inlet Protection Device, Filter Sock**	Unit price includes, but is not limited to, removal of the device upon completion of the project. Each type of inlet protection device will be counted. Payment will be at the unit price for each inlet protection device.	**EA**	**4.0**	
9.03	**9040-T-2**	**Inlet Protection Device, Maintenance**	Unit price includes, but is not limited to, removal and off-site disposal of accumulated sediment. Each inlet protection device maintenance occurrence will be counted. Payment will be at the unit price for each inlet protection device maintenance occurrence.	**EA**	**4.0**	
Division 11		**Miscellaneous**				
11.01	**11,010-A**	**Construction Survey**	Lump sum price includes, but is not limited to, the costs of resetting project control points, re-staking, and any additional staking requested beyond the requirements of this section. Lump sum item; no measurement will be made. Payment will be at the lump sum price for construction survey.	**LS**	**1.0**	
11.02	**11,020-A**	**Mobilization**	The unit price for mobilization includes, but is not limited to the movement of personnel, equipment, and supplies to the project site, the establishment of offices, buildings, and other facilities necessary for the project, bonding, permits, or other expenses incurred prior to construction. Lump sum item; no measurement will be made.	**LS**	**1.0**	
11.03	**11,050-A**	**Concrete Washout**	Lump sum price includes, but is not limited to, providing concrete wash water containment, collection, and disposal. Lump sum item; no measurement will be made	**LS**	**1.0**	

100-1D
10-18-05

PROJECT DESCRIPTION

The project consists of a 3-inch mill and fill HMA overlay & curb replacement of F Ave & G Ave from 6th St to 10th St.

281-1
10-18-16

GENERAL NOTES

1. The Statewide Urban Design and Specifications (SUDAS) Standard Specifications for Public Improvements and Contract Document Specifications shall apply to construction work on this project. Except as noted, for each bid item, the item code is referencing the section of the current SUDAS specifications for which the item is based. Refer to SUDAS figures referencing applicable SUDAS section.

2. Construction within city limits shall only be permitted between the hours of 7:00 am and 8:00 pm.

3. All salvaged hydrants, manhole frames, curbs stop boxes and rods, water main boxes and other fixtures shall be salvaged and the Contractor shall coordinate with City staff to remove.

4. Protect all signs and sign posts. Damaged posts and signs shall be the Contractors responsibility to replace. If a sign or post needs removed, a 48 hours notice will be required for City staff to remove sign and post.

5. Coordinate with USPS and residents for setting up temporary mail service.

6.Coordinate with garbage service providers and residents to ensure trash collection is available throughout construction.

7. All tile lines that are damaged during construction will be repaired by the Contractor and is the Contractors responsibility to repair. Label size, location, material type and depth on all tiles that are encountered on project.

8. Contractor to provide shape files, surveyed with GPS coordinates and as-builts in CADD for all new improvements with utilities. Hydrants, curb stops, manholes, intakes, main valve boxes, water main connections to existing pipes etc.

9. Prior to mobilizing off site, the Contractor shall notify the City to request final inspection.

10. The Contractor shall procure all necessary permits and licenses to complete the construction.

11. The Contractor is responsible for site safety and complying with all current and future federal and state OSHA requirements.

12. The limits of construction are within the City right of way. Work shall be completed within the limits of construction.

13. The Contractor shall continuously maintain adequate protection of all its work from damage and shall protect the City's and private property from injury or loss in connection with the work. The Contractor shall repair or restore such damage, injury or loss to City or private property.

14. The Contractor shall notify the City at least two weeks prior to beginning construction.

15. The Prime Contractor shall be responsible for the coordination of work among all suppliers and subcontractors involved in the project, including staging of construction details.

16. The City will not provide a staging area for equipment and materials.

17. Resetting distrubed property pins are the responsibility of Contractor to reset.

18. Contractor shall provide a certified plant inspection for all PCC and HMA items.

232-3B
10-19-21

EROSION CONTROL (URBAN SEEDING)

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

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

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

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

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

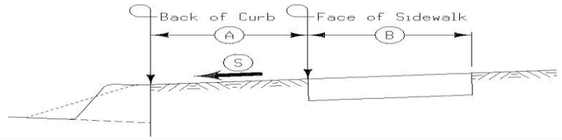
111-25
10-18-11

INDEX OF TABULATIONS

113-1
04-16-19

SIDEWALKS

See MI-220 and S Sheets



Intersection/Road	Quadrant/Side	Length	A	B	S	4" PCC Sidewalk	6" PCC Sidewalk	8" PCC Sidewalk	10" PCC Sidewalk	Detectable Warnings	Remarks
			FT	FT	%	SY	SY	SY	SY	SF	
G AVE/7TH ST	NW					1.8	8.6			16	
G AVE/7TH ST	SW						12.4			8	
G AVE/7TH ST	NE						19.0			16	
G AVE/7TH ST	SE					1.8	10.1			8	
G AVE/10TH ST	NW					1.8	9.0			8	
G AVE/10TH ST	SW					3.3	9.4			8	
F AVE/7TH ST	NW						4.5			8	
F AVE/7TH ST	SW						4.6			8	
F AVE/7TH ST	NE					1.8	7.9			8	
F AVE/7TH ST	SE					1.8	4.6			8	
F AVE/9TH ST	NW						4.9			8	
F AVE/9TH ST	SW						7.1			8	
F AVE/9TH ST	NE					1.8	17.5			8	
F AVE/9TH ST	SE						10.5			8	
F AVE/10TH ST	NW						4.6			8	
F AVE/10TH ST	SW						4.6			8	
					TOTALS	14.1	139.1			144	

102-3
10-16-18

ACCESS POINTS AND SAFETY RAMPS

Location		Type	Length of Opening (1)			W	(1) (2) PR	(2) SR	Pipe Culvert (3)					Aprons	Driveway Surface Area		Driveway Surfacing Material	Remarks
Station	Side	A, B, C, Safety Ramp, or Predetermined*	Case	1½" Dropped Curb	3" Dropped Curb				H	Size	Pipe Length	Lt.	Rt.		HMA	PCC		
			1 or 2	LF	LF	FT	FT	FT	FT	IN	LF	LF	LF	No.	SY	SY	TON	
11+85.37	LT	C	2		18.5	17.0										6.0		G AVE
12+08.18	LT	C	2		23.0	17.0										38.9		G AVE
12+09.79	RT	C	2		25.6	17.4										38.7		G AVE
12+67.28	LT	C	2		14.0	8.0										3.5		G AVE
12+75.00	RT	Parking			100.0	100.0										22.1		G AVE
14+92.02	RT	C	2		18.5	8.3										4.8		G AVE
15+61.51	RT	C	2		12.9	8.0										3.0		G AVE
15+81.19	RT	C	2		17.5	11.6										23.3		G AVE
15+87.64	LT	C	2		35.0	28.9										23.8		G AVE
16+43.00	RT	C	2		35.0	29.0										8.4		G AVE
18+44.33	RT	C	2		16.6	10.6										4.9		G AVE
18+79.81	LT	C	2		14.6	8.8										3.5		G AVE
19+37.89	RT	C	2		34.8	28.9										29.8		G AVE
19+48.77	LT	C	2		17.5	11.5										23.1		G AVE
19+97.83	LT	C	2		25.7	19.7										5.6		G AVE
20+25.21	RT	C	2		25.7	19.7										5.6		G AVE
23+22.25	RT	C	2		20.0	13.9										27.5		G AVE
23+27.14	LT	C	2		20.2	14.0										25.7		G AVE
211+55.81	RT	C	2		19.9	14.9										3.0		F AVE
211+72.41	LT	C	2		15.0	7.7										2.8		F AVE
211+88.78	LT	C	2		17.0	12.2										23.0		F AVE
211+90.09	RT	C	2		22.0	12.2										23.8		F AVE
212+09.17	LT	C	2		24.0	17.9										5.2		F AVE
212+11.24	RT	C	2		21.7	15.7										5.3		F AVE
212+89.09	LT	C	2		19.7	13.4										6.1		F AVE
214+96.00	LT	C	2		16.0	10.0										3.2		F AVE
215+46.46	RT	C	2		44.5	38.3										32.8		F AVE
215+59.59	LT	C	2		18.0	10.5										22.8		F AVE
215+77.03	LT	C	2		16.3	10.0										3.7		F AVE
215+97.97	RT	C	2		16.0	10.0										2.2		F AVE
218+70.60	RT	C	2		30.5	24.4										7.8		F AVE
219+05.71	LT	C	2		28.0	28.0										6.7		F AVE
219+28.52	RT	C	2		21.4	14.4										28.8		F AVE
219+33.97	LT	C	2		31.0	31.0										27.5		F AVE
219+49.56	RT	C	2		18.5	11.5										4.6		F AVE
222+13.90	RT	C	2		31.0	24.9										7.2		F AVE
222+24.97	LT	C	2		23.3	17.3										4.8		F AVE
222+62.54	RT	C	2		41.7	35.7										9.9		F AVE
222+97.08	LT	C	2		18.7	12.7										25.4		F AVE
222+99.61	RT	C	2		19.0	11.8										24.8		F AVE
223+26.33	RT	C	2		31.6	24.1										7.9		F AVE
														TOTAL		587.7		

110-08
04-17-18

REMOVAL OF CONCRETE DRIVES

Location		Area	Saw Cut*	Remarks
Station	Side	SY	LF	
11+85.37	LT	6.0		G AVE
12+08.18	LT	33.8		G AVE
12+09.79	RT	32.1		G AVE
12+67.28	LT	3.5		G AVE
12+75.00	RT	22.1		G AVE
14+92.00	RT	4.8		G AVE
15+61.50	RT	3.0		G AVE
15+87.64	LT	32.1		G AVE
16+43.00	RT	8.5		G AVE
18+44.33	RT	4.9		G AVE
18+79.81	LT	3.5		G AVE
19+37.89	RT	29.9		G AVE
19+97.83	LT	5.6		G AVE
20+25.00	RT	5.6		G AVE
212+09.17	LT	5.2		F AVE
212+11.24	RT	5.5		F AVE
212+89.09	LT	5.9		F AVE
214+96.00	LT	3.2		F AVE
215+31.47	RT	3.8		F AVE
215+77.03	LT	3.7		F AVE
218+70.60	RT	6.9		F AVE
219+05.71	LT	6.0		F AVE
219+28.50	RT	28.7		F AVE
219+49.56	RT	4.6		F AVE
222+13.91	RT	7.2		F AVE
222+24.97	LT	3.8		F AVE
222+62.54	RT	9.9		F AVE
223+26.33	RT	7.9		F AVE
TOTAL		297.8		

108-23A
08-01-08

TRAFFIC CONTROL PLAN

1. THE CONSTRUCTION ZONE SHALL BE LIMITED TO THE RIGHT-OF-WAY. NO EQUIPMENT, MATERIAL, OR PERSONNEL WILL BE ALLOWED ON PRIVATE PROPERTY.

2. CONTRACTOR SHALL PROVIDE A CONTACT PERSON AVAILABLE 24 HOURS, 7 DAYS PER WEEK TO MAINTAIN PROPER TRAFFIC CONTROL.

3. CONTRACTOR SHALL GIVE NOTICE TO THE CITY 2 WEEK NOTICE IN ADVANCE OF CLOSURES AND COMMENCEMENT OF ANY WORK.

4. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS AS ADOPTED BY THE IDOT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130, AND APPLICABLE SUDAS STANDARDS.

5. ALL SIGN WORDING SHALL COMPLY WITH CHAPTER 6 OF THE CURRENT EDITION OF SAID MUTCD.

6. CONTRACTOR SHALL COORDINATE WITH OTHER PROJECTS THAT MAY BE SCHEDULED FOR THE SURROUNDING AREA.

7. CONTRACTOR SHALL PROVIDE SEPARATION BARRIER BETWEEN CONSTRUCTION OPERATIONS/ TRAFFIC AND PEDESTRIAN FACILITIES LEFT OPEN DURING CONSTRUCTION.

8. THE LOCATION OF STORAGE EQUIPMENT BY THE CONTRACTOR DURING NON-WORKING HOURS SHALL BE AS APPROVED BY THE CITY.

9. STAGGERD TYPE 3 BARRICADES SHALL BE PROVIDED AT ALL ADJOINING ROADWAYS TO THE PROJECT.

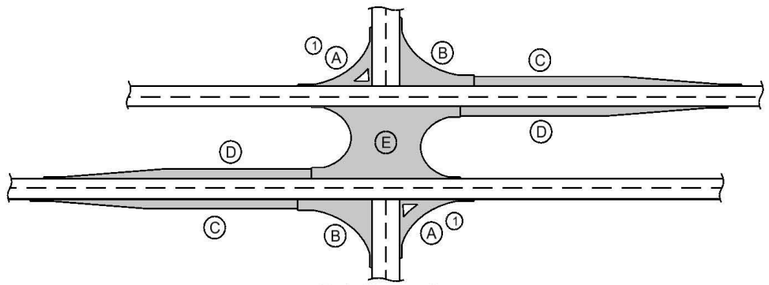
110-5
10-20-15

SIDEWALK REMOVAL

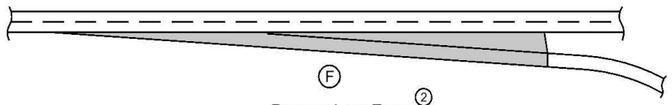
* Not a bid item

Begin Station	End Station	Area	Saw Cut*	Remarks
		SY	LF	
13+95.00	13+95.00	51.4		G AVE & 7TH ST
24+75.00	24+75.00	26.0		G AVE & 10TH ST
213+75.00	213+75.00	30.3		F AVE & 7TH ST
221+13.00	221+13.00	36.0		F AVE & 9TH ST
224+26.00	224+26.00	9.7		F AVE & 10TH ST
	TOTAL	153.5		

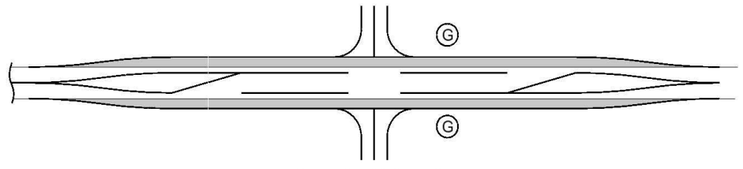
HMA PAVEMENT



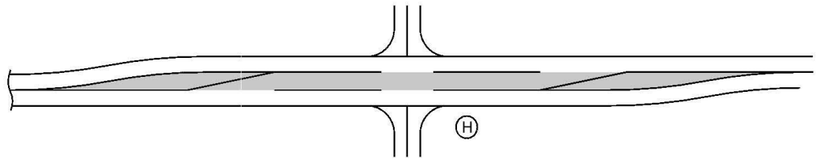
Typical Intersection



Ramp or Loop Taper (2)



Channelized Intersection
Widen Existing Roadway



Channelized Intersection
Reconstructed Roadway

(1) Does not include raised island area or curb. Refer to tabulation 112-4 for quantities.

(2) Refer to PV-410, PV-411, PV-412, and PV-414.

(3) Quantity includes Pavement Header.

Calculations assume a surface course unit weight (lbs/cf) of 147, an intermediate course unit weight (lbs/cf) of 147, a base course unit weight (lbs/cf) of 0, and a special backfill unit weight (lbs/cf) of 140.

Location				Mainline			Area (3)								Bid Items											
															Hot Mix Asphalt Pavement						Binder						
Road Identification	Direction of Travel	Station to Station		Width	Length	Area	A (1)	B	C	D	E	F (2)	G	H	Surface		Intermediate		Base		Surface	Intermediate	Base	Special Backfill	Modified Subbase	Granular Subbase	Pavement Scarification	Remarks
				FT	FT	SY	SY	SY	SY	SY	SY	SY	SY	SY	TONS	SY	TONS	SY	TONS	SY	TONS	TONS	TONS	TONS	CY	SY	SY	
G AVE	BOTH	10+83.76	17+10.40			1819.7									150.464	1819.7	150.464	1819.7			9.028	9.028					1819.7	
G AVE	BOTH	18+19.93	20+79.19			748.9									61.922	748.9	61.922	748.9			3.715	3.715					748.9	
G AVE	BOTH	21+93.32	24+99.39			918.2									75.923	918.2	75.923	918.2			4.555	4.555					918.2	
F AVE	BOTH	210+67.34	216+85.43			1910.7									157.988	1910.7	157.988	1910.7			9.479	9.479					1910.7	
F AVE	BOTH	218+01.78	224+78.06			2175.9									179.919	2175.9	179.919	2175.9			10.795	10.795					2175.9	
															Total	7573.3		7573.3									

104-10
08-01-08

ADJUSTMENT OF SANITARY FIXTURES

No.	Location Station	Type of Fixture	Adjustment
1	213+75.39	Manhole	F Ave. Adjust to flush with pavement

110-4
08-01-08

CURB & GUTTER REMOVAL

Begin Station	End Station	Side	Length FT	Remarks
10+83.76	17+10.40	BOTH	1251.4	G AVE.
18+19.93	20+79.19	BOTH	518.5	G AVE.
21+93.32	24+99.39	BOTH	627.4	G AVE.
210+67.34	16+85.43	BOTH	1222.8	F AVE.
218+01.78	24+78.06	BOTH	1366.8	F AVE.
	TOTAL		4986.9	

SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Earth Dam or Dike (Proposed)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Proposed Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Proposed Intake
- Existing Utility Access (Manhole)
- Proposed Utility Access (Manhole)
- Fire Hydrant
- WH Water Hydrant (Rural)
- Septic Tank
- C Cistern
- LP L.P. Gas Tank (No Footing)
- UST Underground Storage Tank
- Latrine
- Luminaire
- Traffic Signal
- Traffic Signal with Luminaire
- TP Telephone Pedestal
- TVP Television Pedestal
- Telephone Pole
- Telephone Pole (Second Company)
- Telephone Pole (Third Company)
- Telephone Pole (Fourth Company)
- Telephone Pole (Fifth Company)
- Power Pole
- Power Pole (Second Company)
- Power Pole (Third Company)
- Power Pole (Fourth Company)
- Power Pole (Fifth Company)
- Electrical Highline Tower (Metal or Concrete)
- Telephone Riser Pole
- Power Riser Pole
- Telegraph Pole
- Satellite TV Dish
- WHU Water Hook Up
- RT Radio Tower
- TA Tower Anchor

UTILITY LEGEND

- W Existing Water Line
- W2 Existing Water Line (Second Company)
- San. Existing Sanitary Sewer Line
- T WINDSTREAM
- T2 Existing Telephone Line (Second Company)
- FO METRONET
- St. S. Existing Storm Sewer Line
- G Alliant Energy Gas Line
- G-HP Existing High Pressure Gas Line
- G2 Existing Gas Line (Second Company)
- G2-HP Existing High Pressure Gas Line (Second Company)
- E Existing Power Line
- E2 Existing Power Line (Second Company)
- TV Cable Television Line
- Guardrail (Beam or Cable)
- GP Guard Post (one or two)
- Guard Post (over two)
- FP Filler Pipe
- GV Gas Valve
- WV Water Valve
- SL Speed Limit Sign
- MM Mile Marker Post
- SIGN Sign
- TCB Traffic Signal Control Box
- RRB Rail Road Signal Control Box
- TSB Telephone Switch Box
- EB Electric Box

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

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

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

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

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

RIGHT-OF-WAY LEGEND

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

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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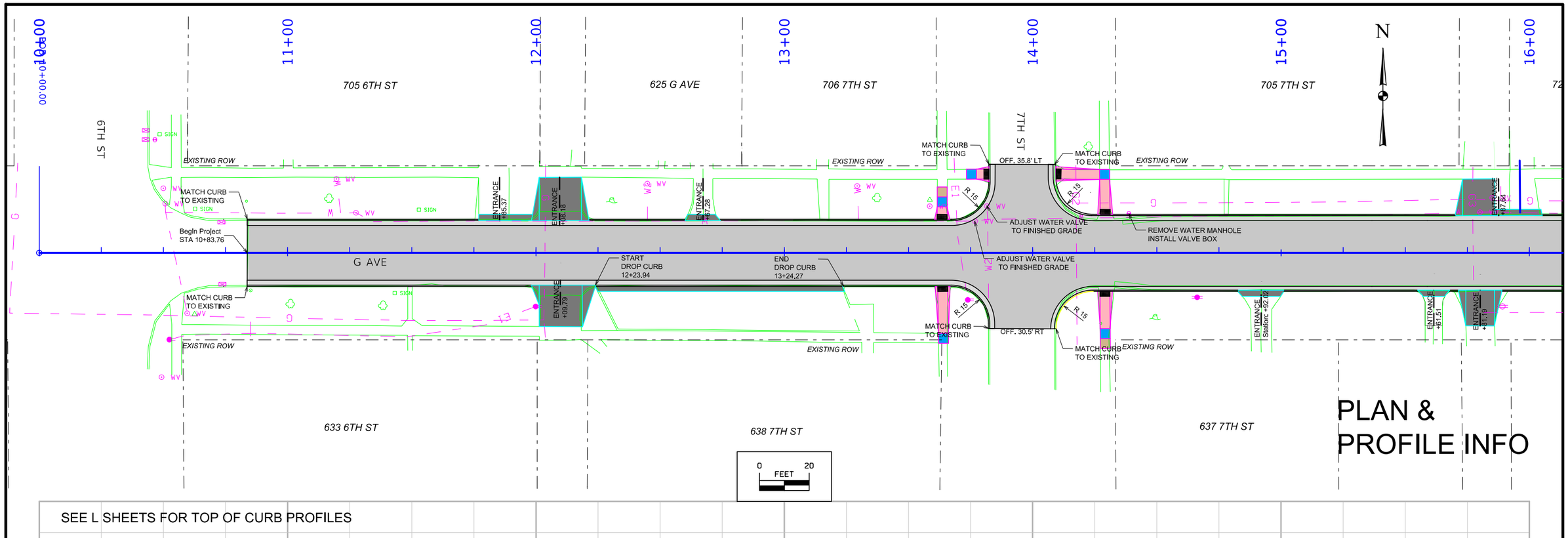

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16+00 17+00 18+00 19+00 20+00 21+00 22+00

721 G AVE | 704 8TH ST | 707 8TH ST | 815 G AVE | 704 9TH ST | 905 G

N

9TH ST

EXISTING ROW

MATCH CURB TO EXISTING

End Work STA 17+10.40

Begin Work STA 18+19.93

ENTRANCE Station: +43.00

ENTRANCE +29.81

ENTRANCE +48.77

ENTRANCE +37.83

End Work STA 20+79.19

Begin Work STA 21+93.32

ENTRANCE +44.43

ENTRANCE +37.89

ENTRANCE +25.21

8TH ST

G AVE

638 8TH ST | 637 8TH ST | 816 G AVE | 828 G AVE | 834 G AVE | 904 G AV

0 20 FEET

PLAN & PROFILE INFO

SEE L SHEETS FOR TOP OF CURB PROFILES

Existing Ground

1015 1010 1005 1000 995 990 985 980

1000.81

16+00 17+00 18+00 19+00 20+00 21+00 22+00

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER D.3

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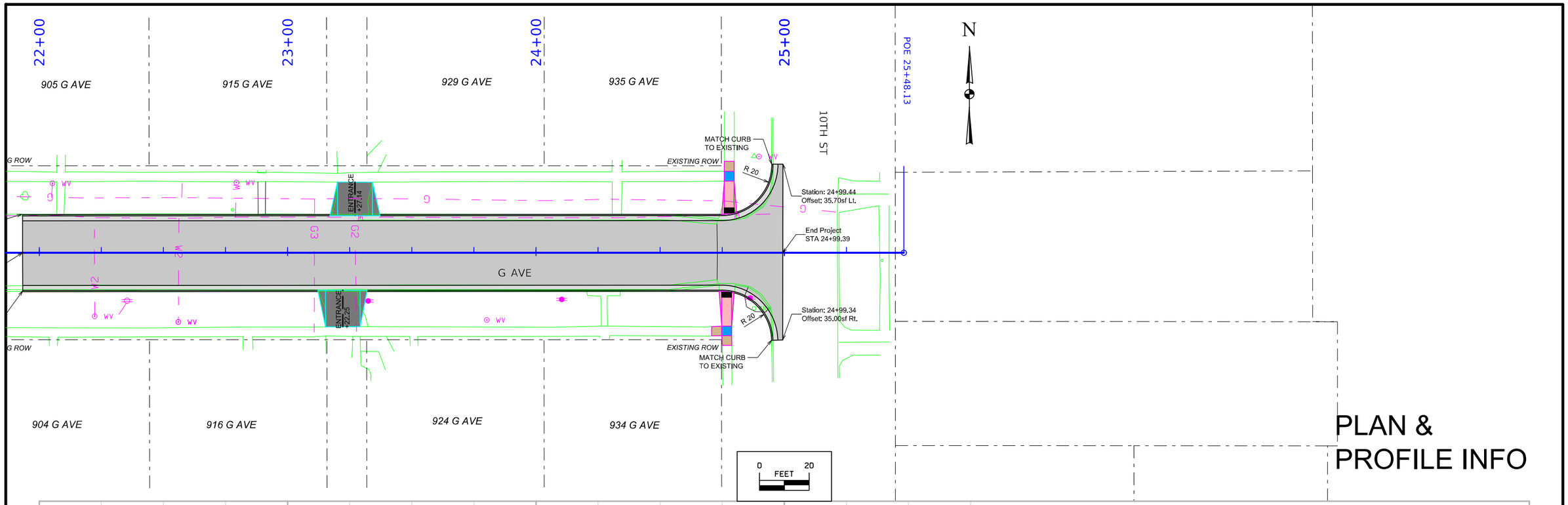
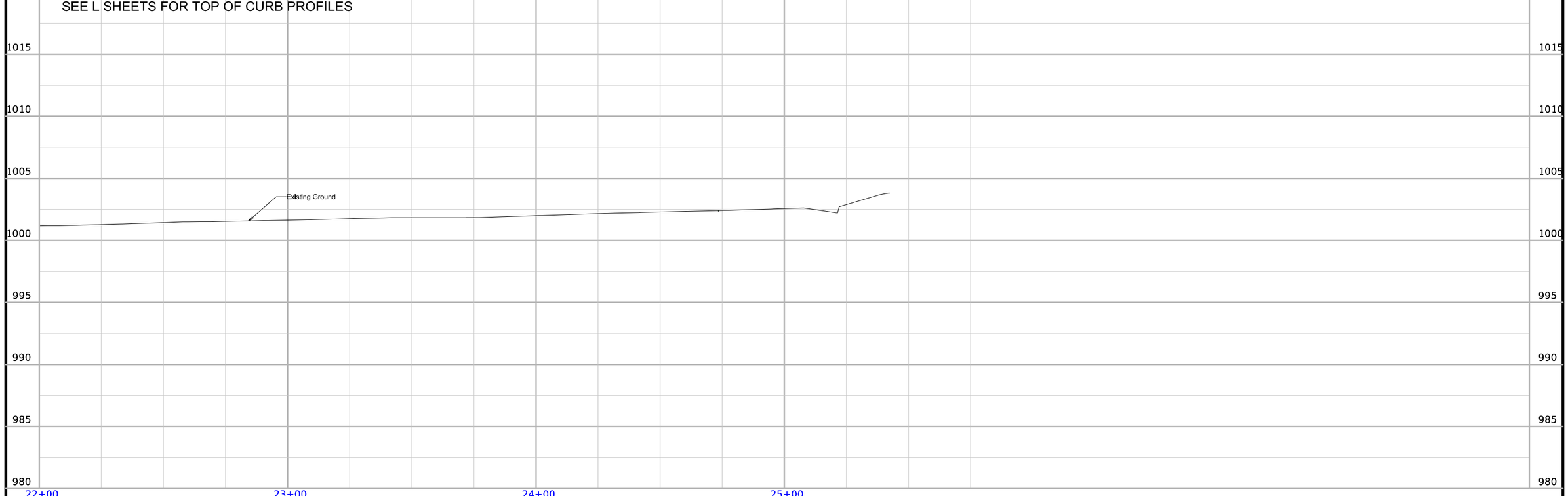


PLAN & PROFILE INFO

SEE L SHEETS FOR TOP OF CURB PROFILES



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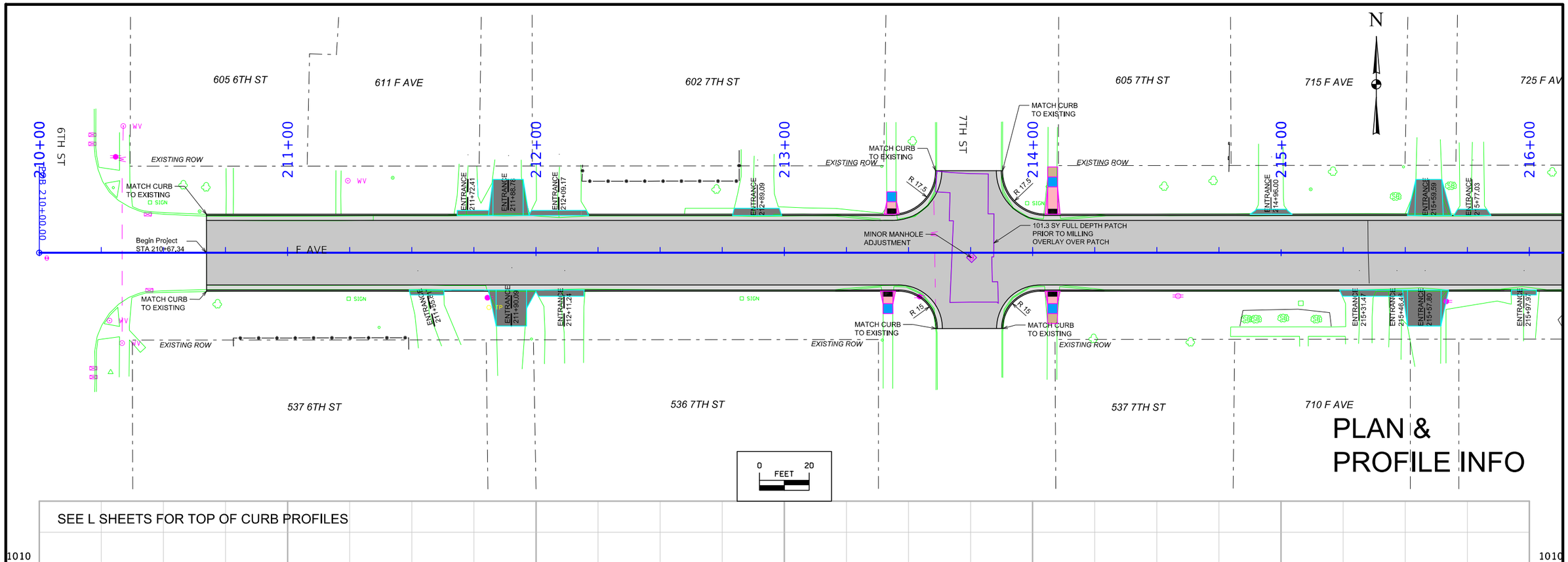

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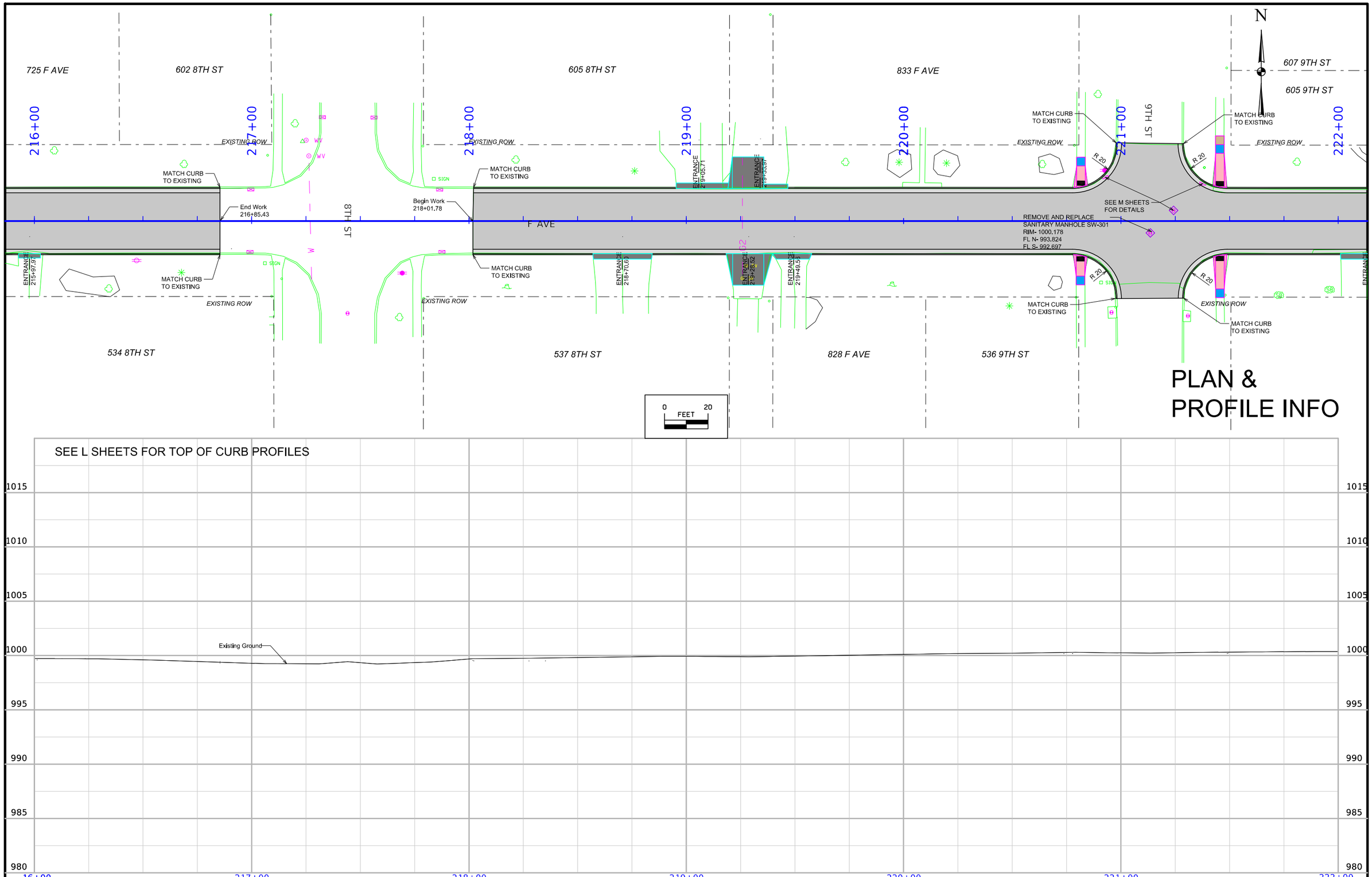

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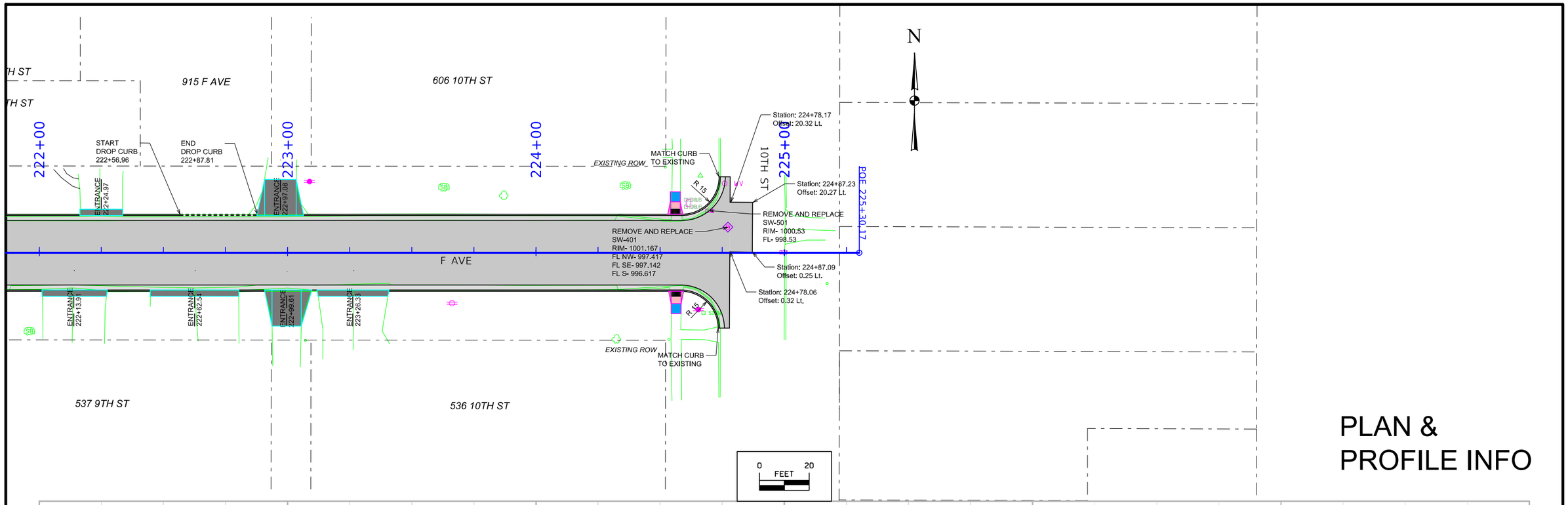
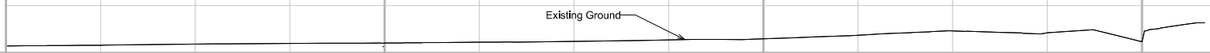


PLAN & PROFILE INFO

SEE L SHEETS FOR TOP OF CURB PROFILES



FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER D.7

1:20:18 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_D01_9942_2D_IARCS08.dgn

ALIGNMENT COORDINATES

101-16
10-20-09

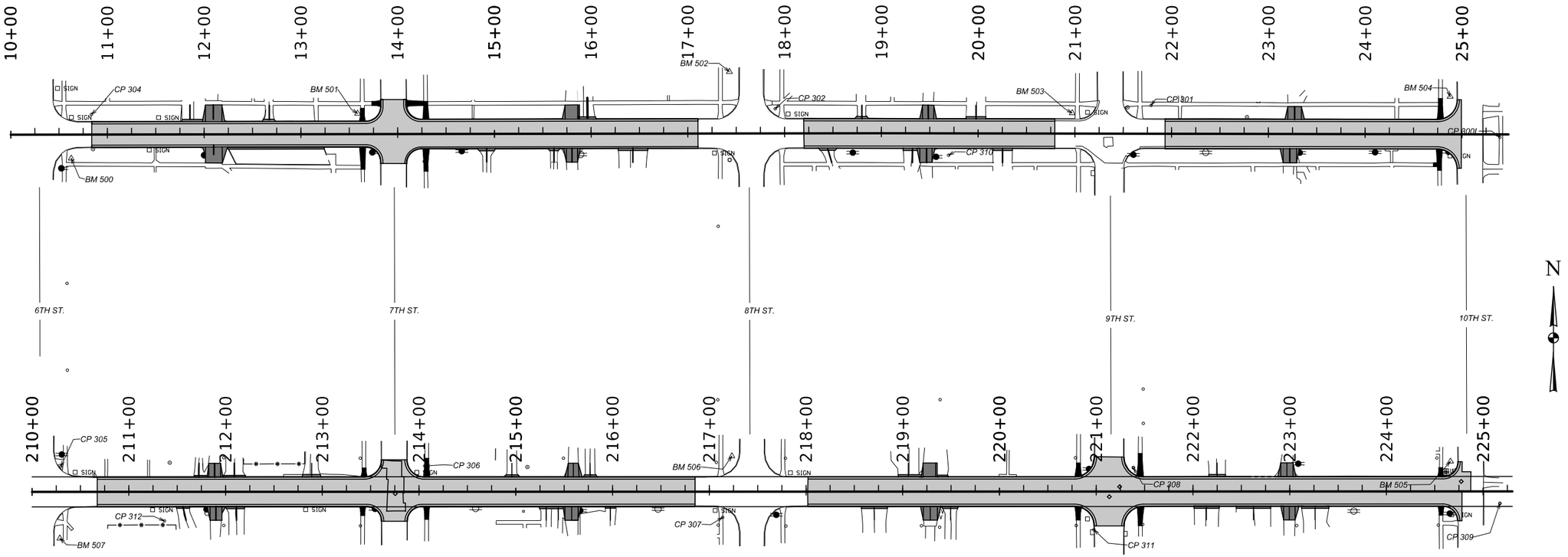
Name	Location	Point on Tangent			Begin Spiral			Begin Curve			Simple Curve PI or Master PI of SCS			End Curve			End Spiral		
		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates	
			Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)
G AVE																			
POB		10+00.00	7,644,173.793	18,571,823.667															
PI		18+99.44	7,644,178.094	18,572,723.099															
POE		25+48.13	7,644,179.023	18,573,371.781															
F AVE																			
POB		210+00.00	7,643,804.549	18,571,846.905															
POE		225+30.17	7,643,809.889	18,573,377.067															

CONTROL POINTS

Point No.	Description	Station	Offset	Y (Northing)	X (Easting)	Elevation
CP 300L	MAG NAIL	25+39.33	3.05 R	7,644,175.959	18,573,362.99	1003.780
CP 301	MAG NAIL	21+78.72	29.32 L	7,644,207.814	18,573,002.33	1001.632
CP 302	REBAR	17+90.29	25.53 L	7,644,203.104	18,572,613.83	1003.130
CP 303	MAG NAIL			7,644,147.456	18,572,251.18	1004.160
CP 304	REBAR	10+83.45	20.81 L	7,644,194.999	18,571,907.02	997.014
CP 305	REBAR	210+29.80	26.22 L	7,643,830.871	18,571,876.61	995.206
CP 306	MAG NAIL	214+05.82	26.65 L	7,643,832.612	18,572,252.63	998.128
CP 307	MAG NAIL	217+13.85	26.55 R	7,643,780.489	18,572,560.84	999.801
CP 308	REBAR	221+38.42	24.62 L	7,643,833.146	18,572,985.23	1000.99
CP 309	MAG NAIL	225+17.22	12.38 R	7,643,797.467	18,573,364.16	1001.528
CP 310		19+69.50	22.62 L	7,644,155.577	18,572,793.19	1001.558
CP 311	MARKED "X"	220+97.58	39.61 R	7,643,768.773	18,572,944.62	1000.21
CP 312	MARKED "X"	211+36.85	30.03 R	7,643,774.995	18,571,983.86	996.938

BENCHMARKS

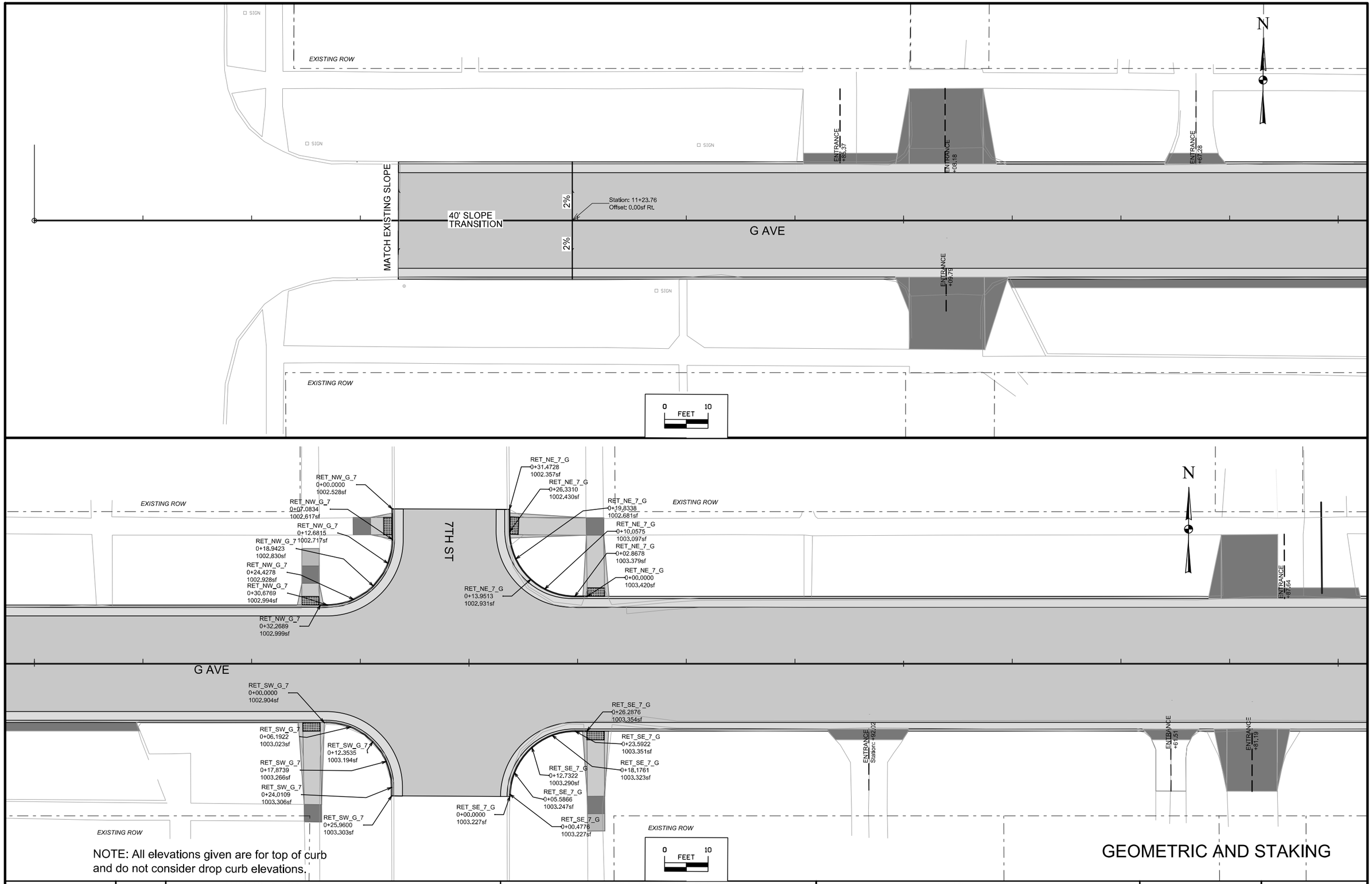
Point No.	Description	Station	Offset	Y (Northing)	X (Easting)	Elevation	Reference Sht.
500	ARROW ON FIRE HYDRANT	10+62.55	24.66 R	7,644,149.429	18,571,886.33	998.806	
501	NW BOLT FIRE HYDRANT	13+58.59	21.33 L	7,644,196.842	18,572,182.15	1004.444	
502	SW BOLT FIRE HYDRANT	17+43.03	63.88 L	7,644,241.225	18,572,566.38	1004.573	
503	TAG ON FIRE HYDRANT BONNET	20+97.22	21.24 L	7,644,199.614	18,572,920.85	1003.692	
504	NW BOLT FIRE HYDRANT	24+87.87	38.86 L	7,644,217.800	18,573,311.47	1005.464	
505	ARROWHEAD ON FIRE HYDRANT	224+66.18	31.03 L	7,643,840.693	18,573,312.97	1003.874	
506	SW BOLT FIRE HYDRANT	217+23.39	36.69 L	7,643,843.762	18,572,570.16	1001.826	
507	ARROWHEAD ON FIRE HYDRANT	210+28.73	48.09 R	7,643,756.557	18,571,875.800	996.897	



ALIGNMENT & CONTROL INFO

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER G.1

1:20:32 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_G01_9942_2D_IARCS08.dgn

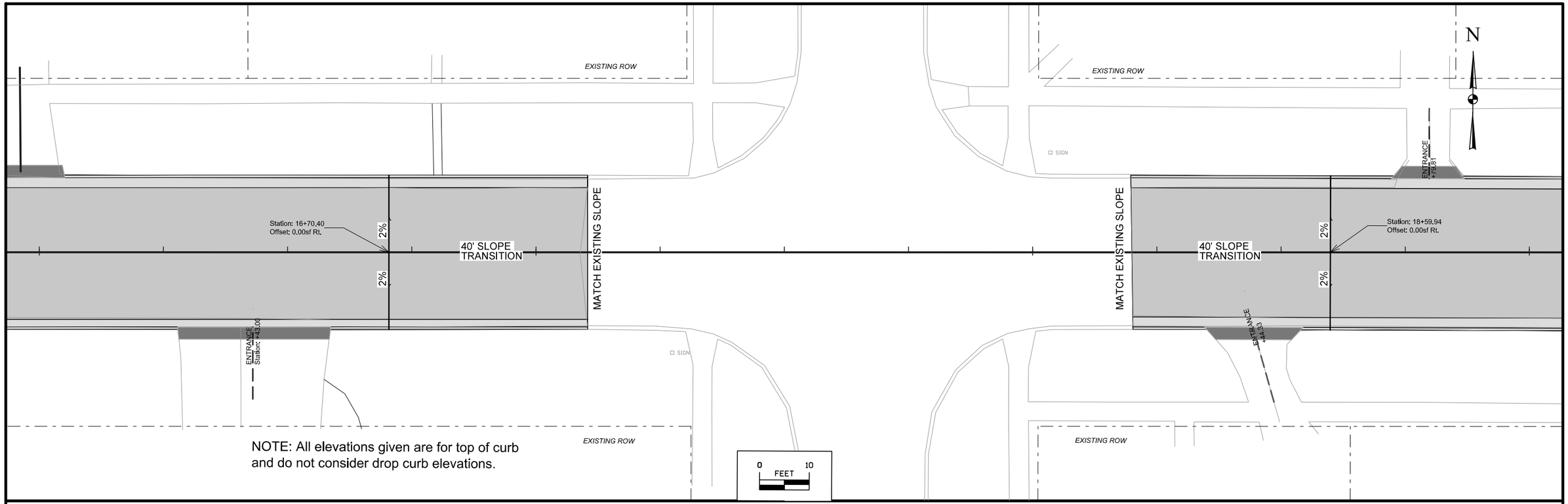


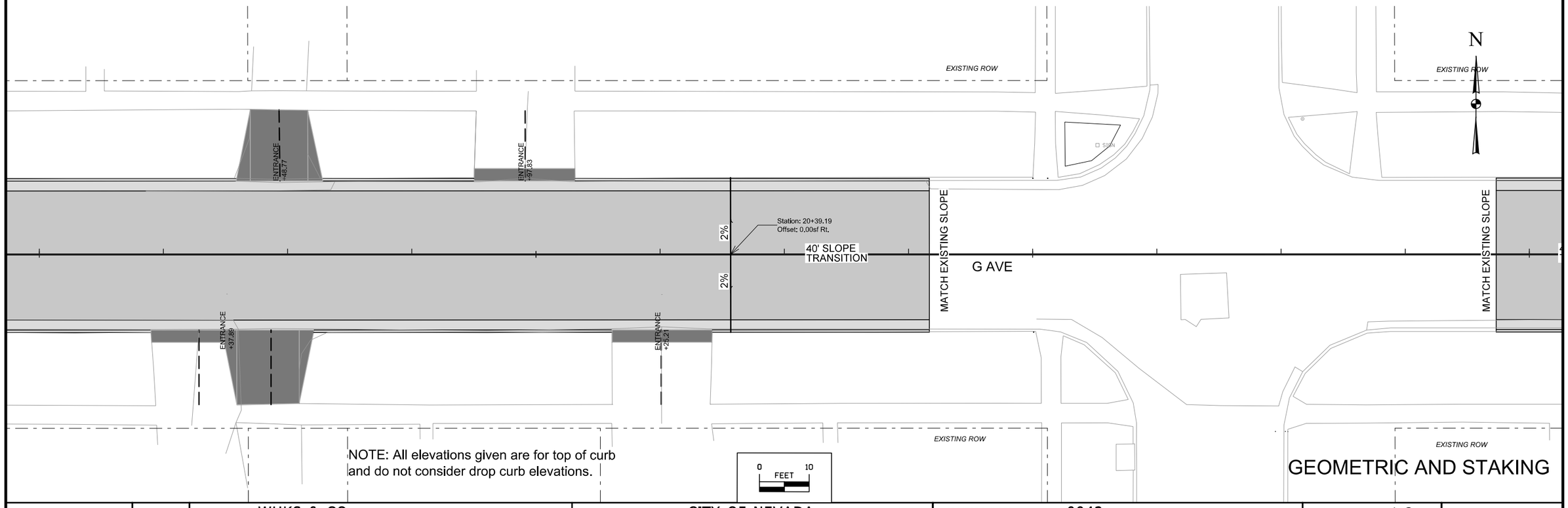
NOTE: All elevations given are for top of curb and do not consider drop curb elevations.

GEOMETRIC AND STAKING

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.1

1:20:46 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_L01_9942_2D_IARCS08.dgn

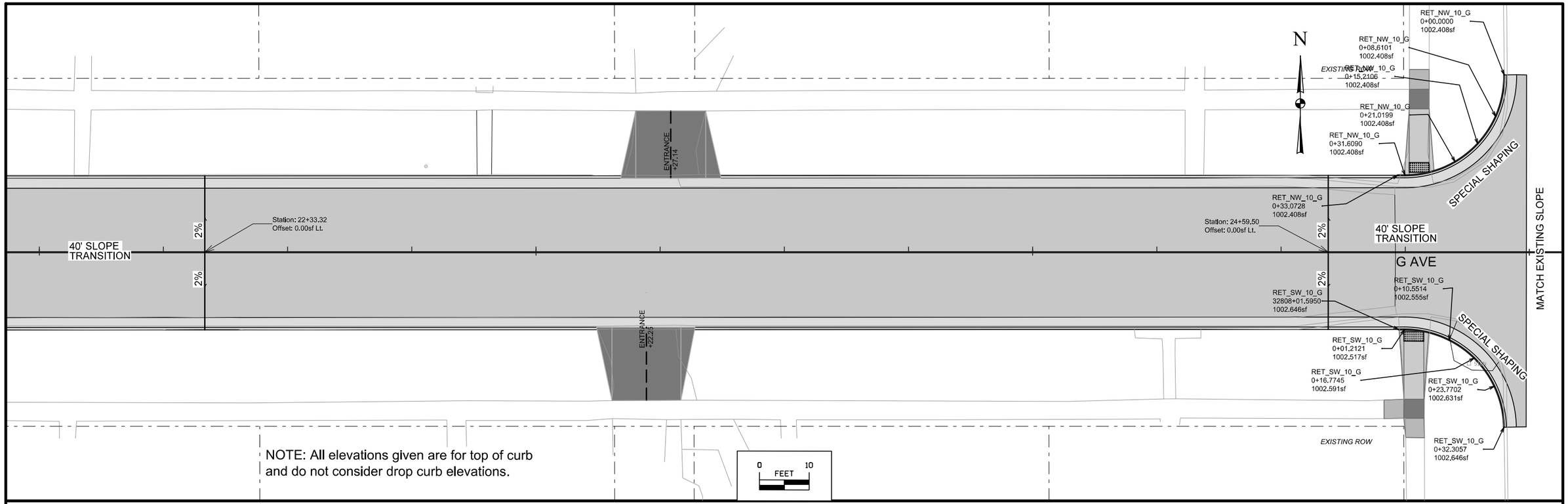




GEOMETRIC AND STAKING

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.2

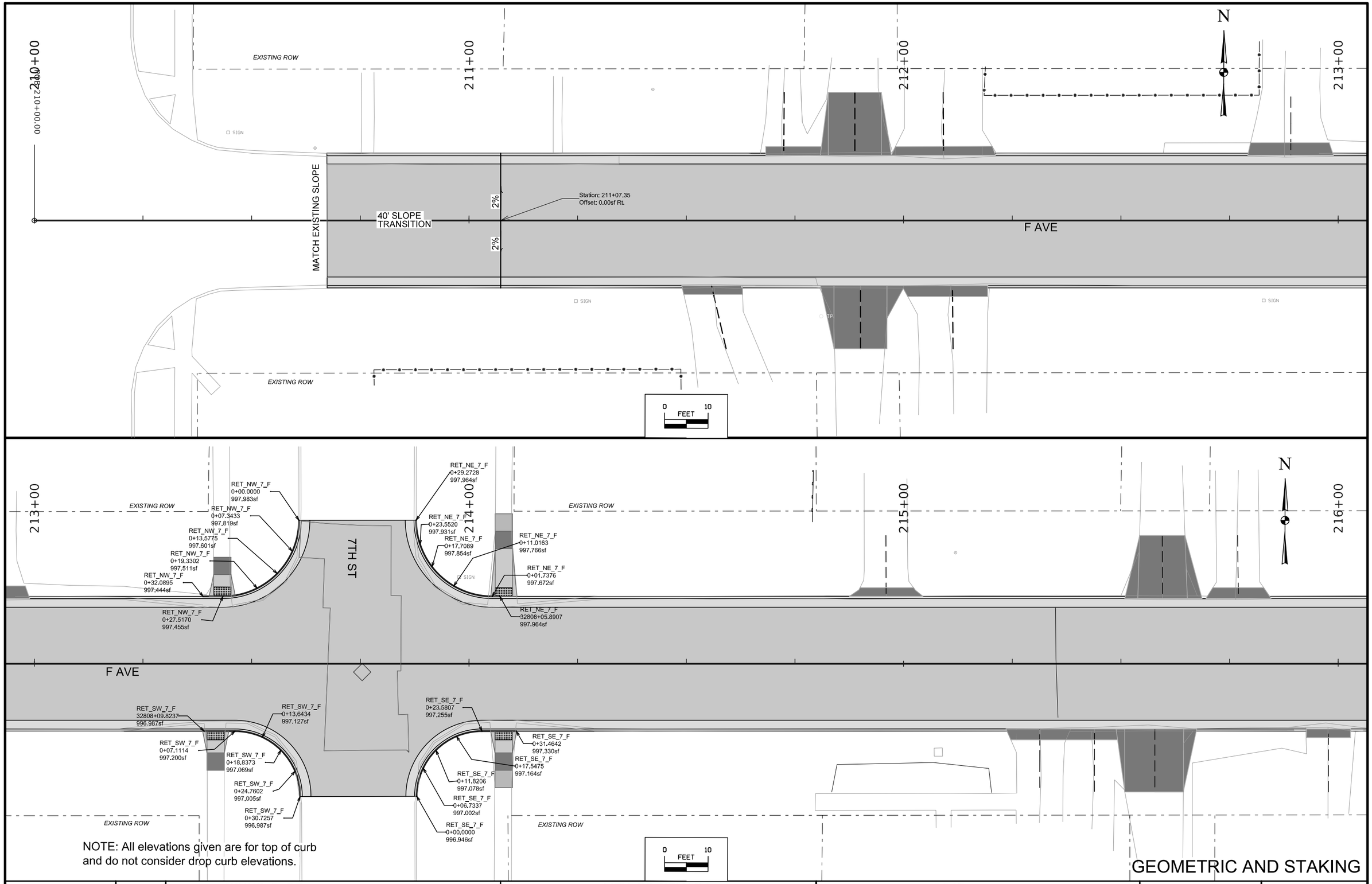
1:20:46 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_L01_9942_2D_IARCS08.dgn



GEOMETRIC AND STAKING

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.3	

1:20:47 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_L01_9942_2D_IARCS08.dgn



NOTE: All elevations given are for top of curb and do not consider drop curb elevations.

GEOMETRIC AND STAKING

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.4

1:20:47 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_L01_9942_2D_IARCS08.dgn

216+00

217+00

EXISTING ROW

8TH ST

218+00

EXISTING ROW

219+00

N

SIGN

Station: 216+45.44
Offset: 0.00sf Rt.

2%

2%

40' SLOPE TRANSITION

MATCH EXISTING SLOPE

F AVE

MATCH EXISTING SLOPE

Station: 218+41.77
Offset: 0.00sf Rt.

2%

2%

40' SLOPE TRANSITION

SIGN

EXISTING ROW

EXISTING ROW

0 10
FEET

219+00

220+00

EXISTING ROW

RET_SW_9_F
0+05.6206
1000.196sf

RET_SW_9_F
0+04.9332
1000.193sf

RET_SW_9_F
0+03.2837
1000.189sf

RET_SW_9_F
0+00.0000
1000.185sf

221+00

9TH ST

RET_NE_9_F
0+24.2545
1000.137sf

RET_NE_9_F
0+17.3953
1000.137sf

RET_NE_9_F
0+10.2959
1000.137sf

RET_NE_9_F
0+00.1204
1000.137sf

EXISTING ROW

N

222+00

F AVE

RET_SW_9_F
0+00.0000
1000.185sf

RET_SW_9_F
0+11.1064
1000.217sf

RET_SW_9_F
0+17.6623
1000.222sf

RET_SW_9_F
0+23.7755
1000.131sf

RET_SW_9_F
0+31.2325
1000.001sf

RET_SE_9_F
0+31.4303
999.925sf

RET_SE_9_F
0+22.0800
1000.028sf

RET_SE_9_F
0+14.5869
1000.108sf

RET_SE_9_F
0+06.3474
1000.090sf

RET_SE_9_F
0+00.0000
999.932sf

EXISTING ROW

GV

GV

SIGN

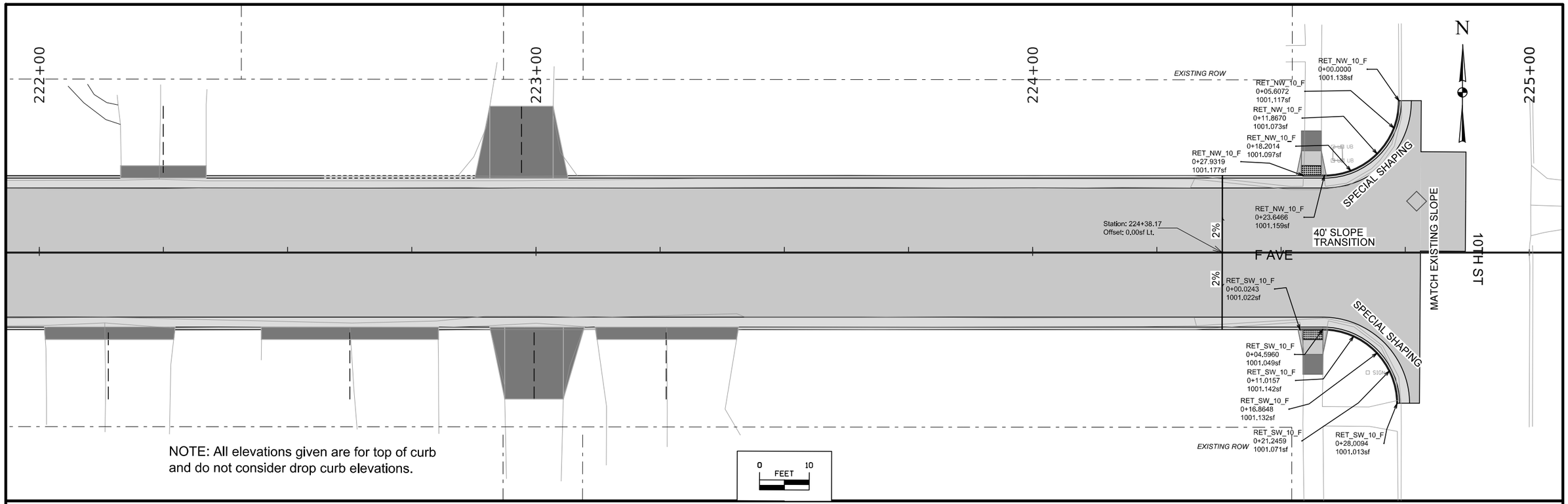
NOTE: All elevations given are for top of curb and do not consider drop curb elevations.

0 10
FEET

GEOMETRIC AND STAKING

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.5

1:20:48 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_L01_9942_2D_IARCS08.dgn



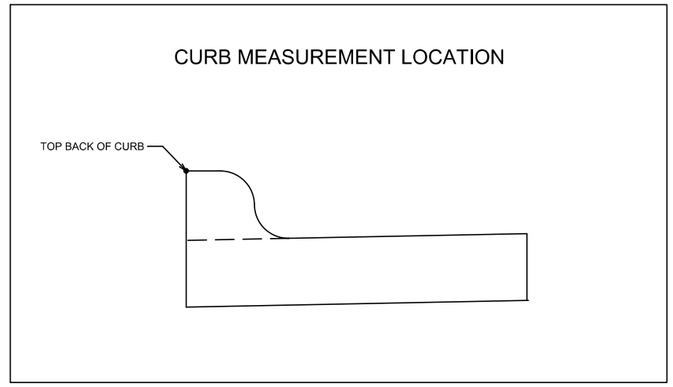
GEOMETRIC AND STAKING

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.6	

1:20:48 PM 2/21/2024 ncollins G:\3-MUNICIPAL\9942-Nevada Mill and Fill\Design\CADD_Files\Sheet_Files\SHT_L01_9942_2D_IARCS08.dgn

TOP BACK OF CURB G AVE NORTH		
Station	Elevation	Offset
10+75.00	996.841	13.50
11+00.00	997.195	13.50
11+25.00	997.74	13.50
11+50.00	998.286	13.50
11+75.00	998.831	13.50
12+00.00	999.376	13.50
12+25.00	999.922	13.50
12+50.00	1000.467	13.50
12+75.00	1001.013	13.50
13+00.00	1001.558	13.50
13+25.00	1002.104	13.50
14+50.00	1003.498	15.50
14+75.00	1003.611	15.50
15+00.00	1003.724	15.50
15+25.00	1003.836	15.50
15+50.00	1003.945	15.50
15+75.00	1003.904	15.50
16+00.00	1003.759	15.50
16+25.00	1003.614	15.50
16+50.00	1003.469	15.50
16+75.00	1003.323	15.50
17+00.00	1003.178	15.50
18+25.00	1002.554	15.50
18+50.00	1002.181	15.50
18+75.00	1001.807	15.50
1900.00	1001.486	15.50
19+25.00	1001.363	15.50
19+50.00	1001.286	15.50
19+75.00	1001.21	15.50
20+00.00	1001.134	15.50
20+25.00	1001.057	15.50
20+50.00	1000.981	15.50
20+75.00	1000.904	15.50
22+00.00	1001.114	15.50
22+25.00	1001.23	15.50
22+50.00	1001.347	15.50
22+75.00	1001.463	15.50
23+00.00	1001.58	15.50
23+25.00	1001.696	15.50
23+50.00	1001.813	15.50
23+75.00	1001.929	15.50
24+00.00	1002.046	15.50
24+25.00	1002.162	15.50
24+50.00	1002.279	15.50
24+75.00	1002.388	15.50

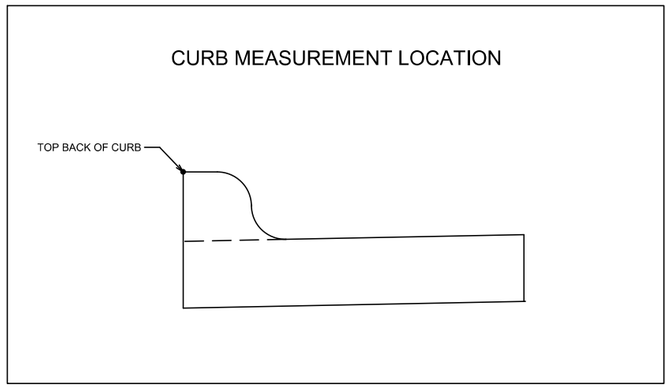
TOP BACK OF CURB G AVE SOUTH		
Station	Elevation	Offset
11+00.00	997.353	13.50
11+25.00	997.777	13.50
11+50.00	998.201	13.50
11+75.00	998.697	13.50
12+00.00	999.368	13.50
12+25.00	999.227	13.50
12+50.00	999.842	13.50
12+75.00	1000.456	13.50
13+00.00	1001.07	13.50
13+25.00	1002.058	13.50
13+50.00	1002.571	13.50
14+50.00	1003.424	15.50
14+75.00	1003.518	15.50
15+00.00	1003.612	15.50
15+25.00	1003.707	15.50
15+50.00	1003.79	15.50
15+75.00	1003.738	15.50
16+00.00	1003.663	15.50
16+25.00	1003.588	15.50
16+50.00	1003.513	15.50
16+75.00	1003.438	15.50
17+00.00	1003.363	15.50
18+25.00	1002.493	15.50
18+50.00	1002.216	15.50
18+75.00	1001.94	15.50
19+00.00	1001.663	15.50
19+25.00	1001.391	15.50
19+50.00	1001.264	15.50
19+75.00	1001.189	15.50
20+00.00	1001.114	15.50
20+25.00	1001.039	15.50
20+50.00	1000.964	15.50
20+75.00	1000.889	15.50
21+00.00	1000.814	15.50
21+25.00	1000.853	15.50
21+50.00	1000.853	15.50
21+75.00	1000.876	15.50
22+00.00	1000.997	15.50
22+25.00	1001.119	15.50
22+50.00	1001.241	15.50
22+75.00	1001.362	15.50
23+00.00	1001.484	15.50
23+25.00	1001.606	15.50
23+50.00	1001.728	15.50
23+75.00	1001.849	15.50
24+00.00	1001.971	15.50
24+25.00	1002.093	15.50
24+50.00	1002.215	15.50
24+75.00	1002.33	15.50



TOP OF CURB PROFILE REPORT

TOP BACK OF CURB F AVE NORTH		
Station	Elevation	Offset
210+75.00	995.06	15.50
211+00.00	995.255	15.50
211+25.00	995.451	15.50
211+50.00	995.646	15.50
211+75.00	995.842	15.50
212+00.00	996.037	15.50
212+25.00	996.233	15.50
212+50.00	996.428	15.50
212+75.00	996.624	15.50
213+00.00	996.819	15.50
213+25.00	997.015	15.50
213+50.00	997.211	15.50
213+75.00	997.406	15.50
214+00.00	997.602	15.50
214+25.00	997.87	15.50
214+50.00	998.196	15.50
214+75.00	998.523	15.50
215+00.00	998.849	15.50
215+25.00	999.176	15.50
215+50.00	999.434	15.50
215+75.00	999.493	15.50
216+00.00	999.493	15.50
216+25.00	999.493	15.50
216+50.00	999.494	15.50
216+75.00	999.494	15.50
218+25.00	999.573	15.50
218+50.00	999.62	15.50
218+75.00	999.667	15.50
219+00.00	999.715	15.50
219+25.00	999.762	15.50
219+50.00	999.809	15.50
219+75.00	999.856	15.50
220+00.00	999.903	15.50
220+25.00	999.95	15.50
220+50.00	999.997	15.50
220+75.00	1000.044	15.50
221+00.00	1000.091	15.50
221+25.00	1000.138	15.50
221+50.00	1000.186	15.50
221+75.00	1000.257	15.50
222+00.00	1000.329	15.50
222+25.00	1000.4	15.50
222+50.00	1000.471	15.50
222+75.00	1000.542	15.50
223+00.00	1000.614	15.50
223+25.00	1000.685	15.50
223+50.00	1000.756	15.50
223+75.00	1000.828	15.50
224+00.00	1000.899	15.50
224+25.00	1000.97	15.50
224+50.00	1001.041	15.50
224+75.00	1001.054	15.50

TOP OF CURB F AVE SOUTH		
Station	Elevation	Offset
211+00.00	995.255	15.50
211+25.00	995.451	15.50
211+50.00	995.646	15.50
211+75.00	995.842	15.50
212+00.00	996.037	15.50
212+25.00	996.233	15.50
212+50.00	996.428	15.50
212+75.00	996.624	15.50
213+00.00	996.819	15.50
213+25.00	997.015	15.50
214+25.00	997.87	15.50
214+50.00	998.196	15.50
214+75.00	998.523	15.50
215+00.00	998.849	15.50
215+25.00	999.176	15.50
215+50.00	999.434	15.50
215+75.00	999.493	15.50
216+00.00	999.493	15.50
216+25.00	999.493	15.50
216+50.00	999.494	15.50
216+75.00	999.494	15.50
218+25.00	999.573	15.50
218+50.00	999.62	15.50
218+75.00	999.667	15.50
219+00.00	999.715	15.50
219+25.00	999.762	15.50
219+50.00	999.809	15.50
219+75.00	999.856	15.50
220+00.00	999.903	15.50
220+25.00	999.95	15.50
220+50.00	999.997	15.50
220+75.00	1000.044	15.50
221+50.00	1000.186	15.50
221+75.00	1000.257	15.50
222+00.00	1000.329	15.50
222+25.00	1000.4	15.50
222+50.00	1000.471	15.50
222+75.00	1000.542	15.50
223+00.00	1000.614	15.50
223+25.00	1000.685	15.50
223+50.00	1000.756	15.50
223+75.00	1000.828	15.50
224+00.00	1000.899	15.50
224+25.00	1000.97	15.50
224+50.00	1001.041	15.50
224+75.00	1001.054	15.50



TOP OF CURB PROFILE REPORT

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER L.8	

Alignment Coordinates

101-16
04-19-11

Element Number	Location	Point on Tangent			Begin Spiral			Begin Curve			Simple Curve PI or Master PI of SCS			End Curve			End Spiral		
		Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)
1	RET_NW_G_7	0.000	7644211.286	18572205.834															
2	RET_NW_G_7							7.133	7644204.153	18572205.883	22.165	7644189.122	18572205.986	30.727	7644189.050	18572190.955			
3	RET_NW_G_7	32.269	7644189.042	18572189.413															
1	RET_NE_7_G	0.000	7644191.336	18572250.797															
2	RET_NE_7_G							2.868	7644191.322	18572247.929	17.769	7644191.251	18572233.028	26.331	7644206.151	18572232.858			
3	RET_NE_7_G	31.473	7644211.293	18572232.800															
1	RET_SW_G_7	0.000	7644162.047	18572190.447															
2	RET_SW_G_7							0.489	7644162.049	18572190.936	15.449	7644162.121	18572205.896	24.011	7644147.161	18572206.007			
3	RET_SW_G_7	25.960	7644145.212	18572206.022															
1	RET_SE_7_G	0.000	7644145.221	18572233.225															
2	RET_SE_7_G							0.478	7644145.699	18572233.237	15.037	7644160.253	18572233.602	23.592	7644160.323	18572248.161			
3	RET_SE_7_G	26.288	7644160.336	18572250.856															
1	RET_NW_10_G							0.000	7644214.620	18573318.546	20.194	7644194.427	18573318.777	31.609	7644194.390	18573298.583			
2	RET_NW_10_G	33.073	7644194.388	18573297.119															
1	RET_SW_10_G	0.000	7644163.388	18573297.341															
2	RET_SW_10_G							1.212	7644163.390	18573298.553	20.892	7644163.426	18573318.233	32.306	7644143.749	18573318.586			
1	RET_NW_7_F							0.000	7643838.829	18572207.672	17.514	7643821.316	18572207.754	27.503	7643821.247	18572190.240			
2	RET_NW_7_F	32.090	7643821.231	18572185.653															
1	RET_NE_7_F	0.000	7643821.470	18572253.935															
2	RET_NE_7_F							1.738	7643821.464	18572252.198	19.284	7643821.402	18572234.652	29.273	7643838.949	18572234.637			
1	RET_SW_7_F	0.000	7643790.232	18572185.996															
2	RET_SW_7_F							7.111	7643790.257	18572193.108	22.164	7643790.310	18572208.160	30.726	7643775.257	18572208.160			
1	RET_SE_7_F							0.000	7643775.385	18572234.996	15.019	7643790.403	18572234.925	23.581	7643790.456	18572249.943			
2	RET_SE_7_F	31.464	7643790.483	18572257.827															
1	RET_NW_9_F	0.000	7643844.390	18572944.549															
2	RET_NW_9_F							0.760	7643843.630	18572944.542	20.504	7643823.886	18572944.364	31.919	7643823.810	18572924.620			

CURB RETURN DETAILS

Alignment Coordinates

101-16
04-19-11

Element Number	Location	Point on Tangent			Begin Spiral			Begin Curve			Simple Curve PI or Master PI of SCS			End Curve			End Spiral		
		Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)	Station	Y (Northing)	X (Easting)
1	RET_NE_9_F	0.000	7643824.059	18572995.770															
2	RET_NE_9_F							0.120	7643824.058	18572995.650	20.243	7643823.988	18572975.528	31.658	7643844.110	18572975.580			
1	RET_SW_9_F							0.000	7643792.811	18572924.761	19.817	7643792.780	18572944.578	31.232	7643772.963	18572944.730			
2	RET_SW_9_F	31.460	7643772.736	18572944.731															
1	RET_SE_9_F							0.000	7643772.975	18572975.915	20.014	7643792.989	18572975.830	31.430	7643793.059	18572995.845			
1	RET_NW_10_F							0.000	7643840.277	18573320.522	15.085	7643825.192	18573320.660	23.647	7643825.140	18573305.575			
2	RET_NW_10_F	27.932	7643825.125	18573301.290															
1	RET_SW_10_F	0.000	7643794.123	18573300.737															
2	RET_SW_10_F							4.596	7643794.139	18573305.333	19.448	7643794.190	18573320.185	28.009	7643779.340	18573320.384			

CURB RETURN DETAILS

(1) Diameter or equivalent diameter

STORM SEWER

* Bid Item
** For SW-545

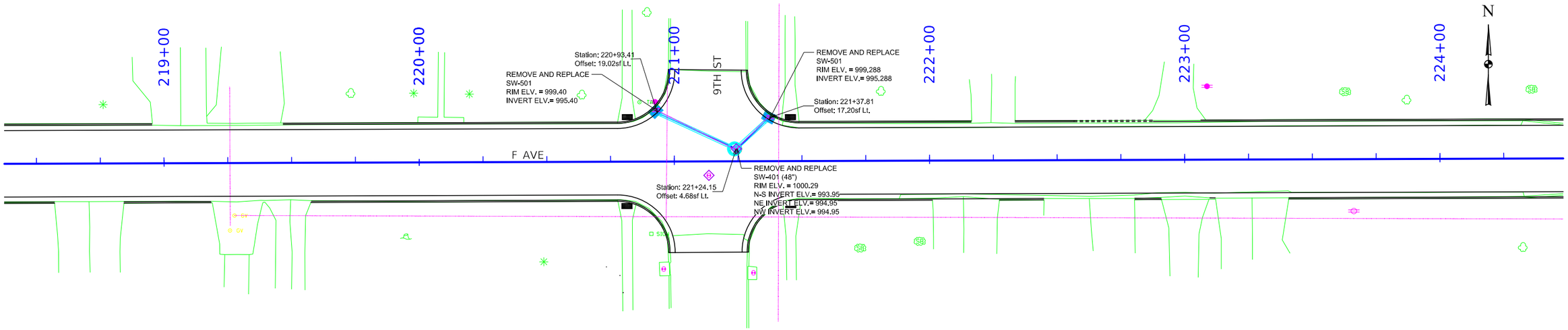
INTAKES AND UTILITY ACCESSES

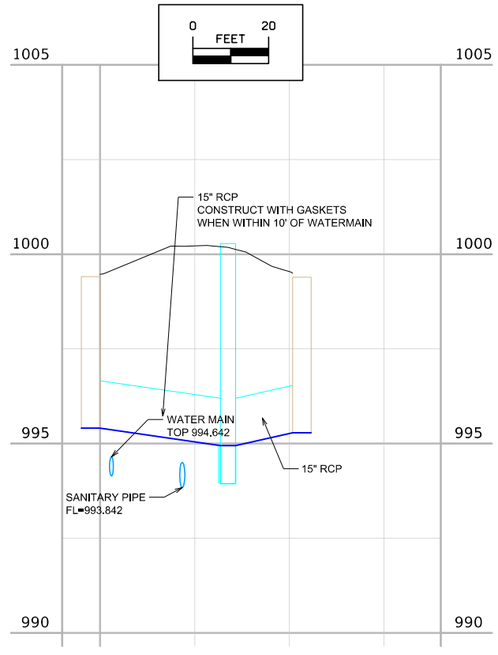
No.	Location Station and Offset	*Type or Standard Road Plan	Form Grade Elev.	Bottom Well Elev.	Extension Length** FT	Notes
1	220+93.41, OFF 19.02 LT	SW-501	999.4	995.4		
2	221+24.15, OFF 4.68 LT	SW-401	1000.3	993.95		
3	221+37.81, OFF 17.20 LT	SW-501	999.28	995.28		
4	221+13.00, OFF 5.7 RT	SW-301	1000.2	992.697		
5	224+77.22, OFF 10.22 LT	SW-401	1001.2	996.617		
6	224+69.81, OFF 17.00 LT	SW-501	1000.5	998.53		

PIPES

Design Length, Slope, and Flowlines are calculated from inside wall to inside wall along CL of pipe. An additional 2 ft length is added to each side of the Design Length to account for estimated length to center of structures.

Line Number	Intake/ Utility Access No. From	To	Class 'D'	Pipe Size (1) IN	Bid* Length FT	Design Length FT	Slope %	Connected Pipe Joint (DR-121) Type	Flow Lines Inlet Elevation	Outlet Elevation	Other Elevation	Pipe Profile Sheet No.	Notes
P1	1	2		15	36	32.0	0.0141		995.4	994.95		M.2	
P2	3	2		15	20	16.0	0.0211		995.288	994.95		M.2	





STORM SEWER INFO

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER M.2

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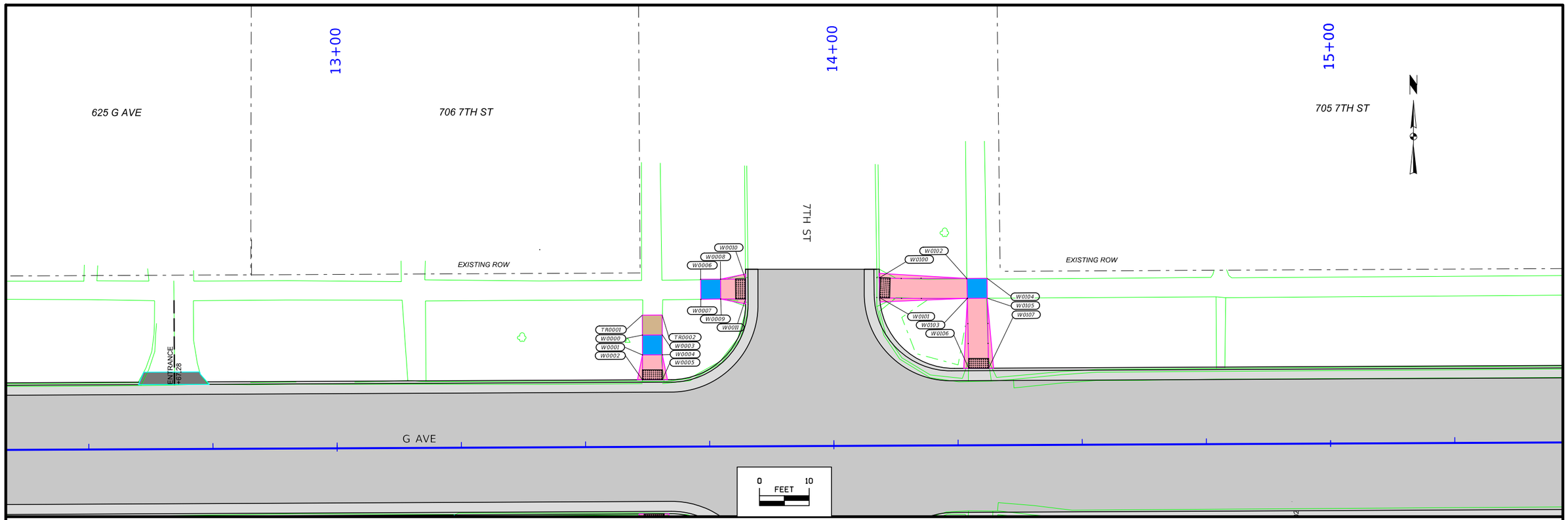


113-10
04-18-17

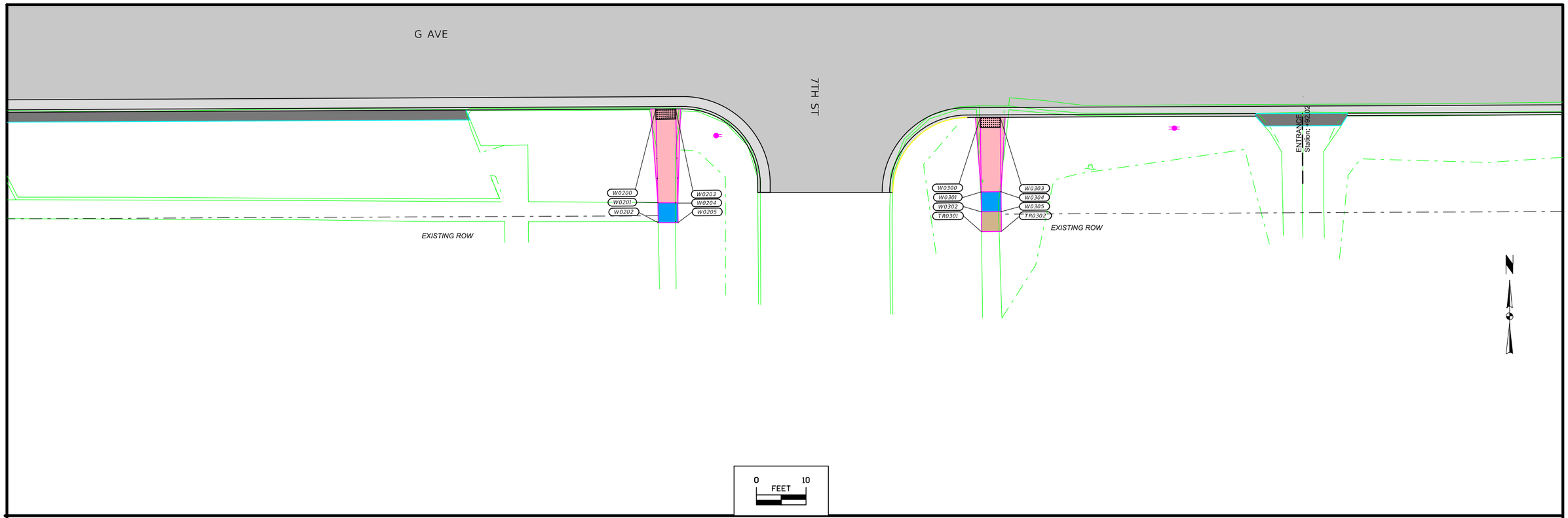
SIDEWALK COMPLIANCE

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*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? (1)	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
												Point	Station	Offset	Elevation
				FT	FT	%	Pos. or Neg.		%						
W0000	W0001	Landing/Turning Space	6	4.00	-0.02	-0.5%	0.1% to 2.0%					W0000	13+61.51	22.50	1002.84
W0000	W0003	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%					W0001	13+61.51	18.50	1002.82
W0003	W0004	Landing/Turning Space	6	4.00	-0.02	-0.5%	0.1% to 2.0%					W0002	13+61.51	13.50	1002.68
W0001	W0004	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%					W0003	13+65.51	22.50	1002.90
W0001	W0002	Ramp Running Slope	6	5.00	-0.14	-2.7%	0.5% to 8.3%					W0004	13+65.51	18.50	1002.88
W0002	W0005	Match Existing Cross Slope	6	4.00	0.15	3.6%	Match Existing					W0005	13+65.51	13.50	1002.83
W0004	W0005	Ramp Running Slope	6	5.00	-0.05	-1.0%	0.5% to 8.3%					TR0001	13+61.51	26.50	1002.87
TR0001	W0000	Sidewalk Running Slope	6	4.00	-0.02	-0.6%	0.5% to 5.0%					TR0002	13+65.51	26.50	1002.95
TR0002	W0003	Sidewalk Running Slope	6	4.00	-0.05	-1.2%	0.5% to 5.0%								
TR0001	TR0002	Match Existing Cross Slope	6	4.00	0.08	2.1%	Match Existing								
W0007	W0009	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%								
W0007	W0006	Landing/Turning Space	6	4.00	-0.04	-0.9%	0.1% to 2.0%					W0006	13+73.35	33.69	1002.81
W0006	W0008	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0007	13+73.35	29.69	1002.85
W0009	W0008	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0008	13+77.35	33.69	1002.75
W0009	W0011	Ramp Running Slope	6	5.00	-0.28	-5.5%	0.5% to 8.3%					W0009	13+77.35	29.69	1002.81
W0011	W0010	Match Existing Cross Slope	6	4.00	-0.14	-3.6%	Match Existing					W0010	13+82.35	33.69	1002.39
W0008	W0010	Ramp Running Slope	6	5.00	-0.36	-7.2%	0.5% to 8.3%					W0011	13+82.35	29.69	1002.53
W0104	W0102	Landing/Turning Space	6	4.00	-0.07	-1.7%	0.1% to 2.0%	Yes							
W0104	W0105	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0100	14+09.36	33.81	1002.28
W0105	W0103	Landing/Turning Space	6	4.00	-0.05	-1.3%	0.1% to 2.0%					W0101	14+09.36	29.81	1002.47
W0102	W0103	Landing/Turning Space	6	4.00	-0.05	-1.1%	0.1% to 2.0%					W0102	14+27.21	33.59	1003.87
W0102	W0100	Ramp Running Slope	6	17.60	-1.59	-9.0%	0.5% to 10%					W0103	14+27.21	29.60	1003.82
W0100	W0101	Match Existing Cross Slope	6	4.00	0.19	4.7%	Match Existing					W0104	14+31.21	33.59	1003.93
W0103	W0101	Ramp Running Slope	6	17.60	-1.35	-7.7%	0.5% to 8.3%	Yes				W0105	14+31.21	29.60	1003.87
W0102	W0104	Landing/Turning Space	6	4.00	0.07	1.7%	0.1% to 2.0%	Yes							
W0102	W0103	Landing/Turning Space	6	4.00	-0.05	-1.1%	0.1% to 2.0%					W0102	14+27.21	33.60	1003.87
W0104	W0105	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0103	14+27.21	29.60	1003.82
W0103	W0105	Landing/Turning Space	6	4.00	0.05	1.3%	0.1% to 2.0%					W0106	14+27.21	15.50	1003.18
W0103	W0106	Ramp Running Slope	6	14.10	-0.64	-4.5%	0.5% to 8.3%					W0104	14+31.21	33.60	1003.93
W0106	W0107	Match Existing Cross Slope	6	4.00	0.06	1.6%	Match Existing					W0105	14+31.21	29.60	1003.87
W0105	W0107	Ramp Running Slope	6	14.10	-0.63	-4.4%	0.5% to 8.3%					W0107	14+31.21	15.50	1003.25

SIDEWALK INFO



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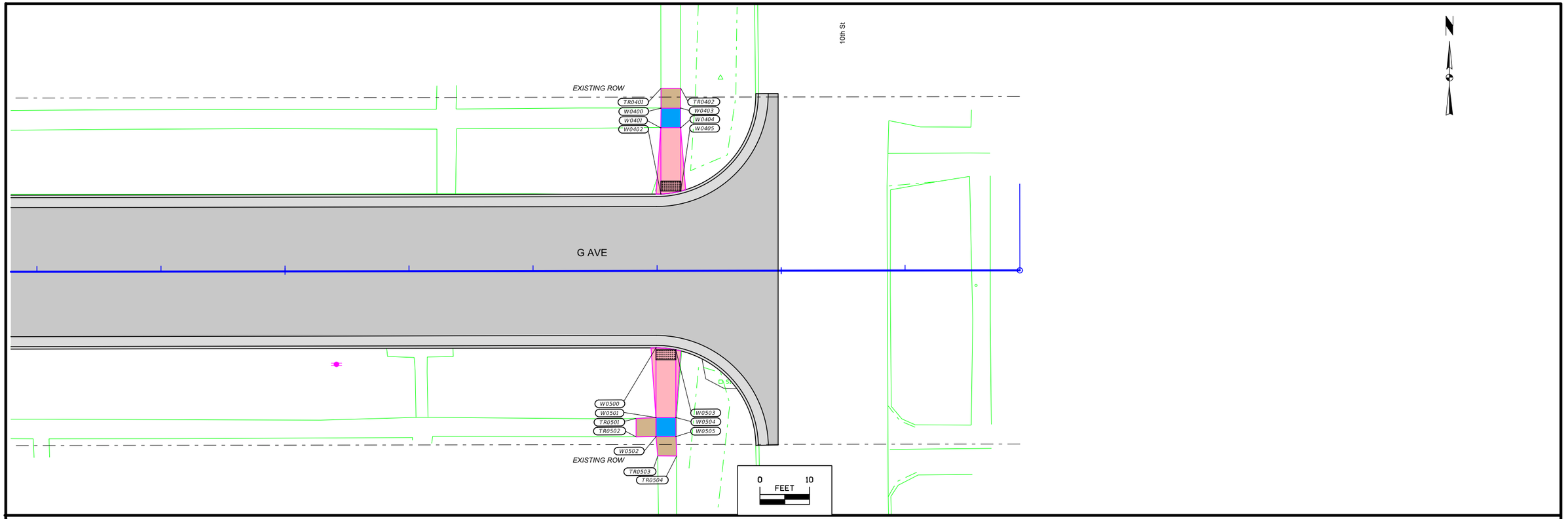
SIDEWALK COMPLIANCE

See S Sheets

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

Point to Point		Sidewalk Designation	_" PCC Sidewalk (2)	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? (1)	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
												Point	Station	Offset	Elevation
				FT	FT	%	Pos. or Neg.		%						
W0205	W0204	Landing/Turning Space	6	4.00	-0.06	-1.6%	0.1% to 2.0%	Yes							
W0205	W0202	Landing/Turning Space	6	4.00	0.01	0.2%	0.1% to 2.0%					W0201	13+61.74	32.40	1003.88
W0202	W0201	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W0202	13+61.74	36.40	1003.92
W0204	W0201	Landing/Turning Space	6	4.00	0.03	0.7%	0.1% to 2.0%					W0203	13+65.74	13.50	1002.61
W0204	W0203	Ramp Running Slope	6	18.90	-1.24	-6.6%	0.5% to 8.3%					W0204	13+65.74	32.40	1003.85
W0203	W0200	Match Existing Cross Slope	6	4.00	-0.05	-1.4%	Match Existing					W0205	13+65.74	36.40	1003.91
W0201	W0200	Ramp Running Slope	6	18.90	-1.33	-7.0%	0.5% to 8.3%								
W0305	W0304	Landing/Turning Space	6	4.00	-0.05	-1.3%	0.1% to 2.0%					W0300	14+27.12	15.50	1003.07
W0305	W0302	Landing/Turning Space	6	4.00	-0.05	-1.3%	0.1% to 2.0%					W0301	14+27.12	30.50	1004.75
W0302	W0301	Landing/Turning Space	6	4.00	-0.05	-1.2%	0.1% to 2.0%					W0302	14+27.12	34.50	1004.80
W0304	W0301	Landing/Turning Space	6	4.00	-0.05	-1.2%	0.1% to 2.0%					W0303	14+31.12	15.50	1003.07
W0304	W0303	Ramp Running Slope	6	15.00	-1.73	-11.5%	0.5% to 12.5%					W0304	14+31.12	30.50	1004.80
W0303	W0300	Match Existing Cross Slope	6	4.00	0.00	0.0%	Match Existing					W0305	14+31.12	34.50	1004.85
W0301	W0300	Ramp Running Slope	6	15.00	-1.68	-11.2%	0.5% to 12.2%					TR0301	14+27.12	38.50	1005.04
TR0301	TR0302	Match Existing Cross Slope	6	4.00	0.20	5.0%	Match Existing					TR0302	14+31.12	38.50	1005.24
TR0301	W0302	Sidewalk Running Slope	6	4.00	-0.24	-6.0%	0.5% to 7%								
TR0302	W0305	Sidewalk Running Slope	6	4.00	-0.39	-9.7%	0.5% to 10.7%								

SIDEWALK INFO



SIDEWALK COMPLIANCE

See S Sheets

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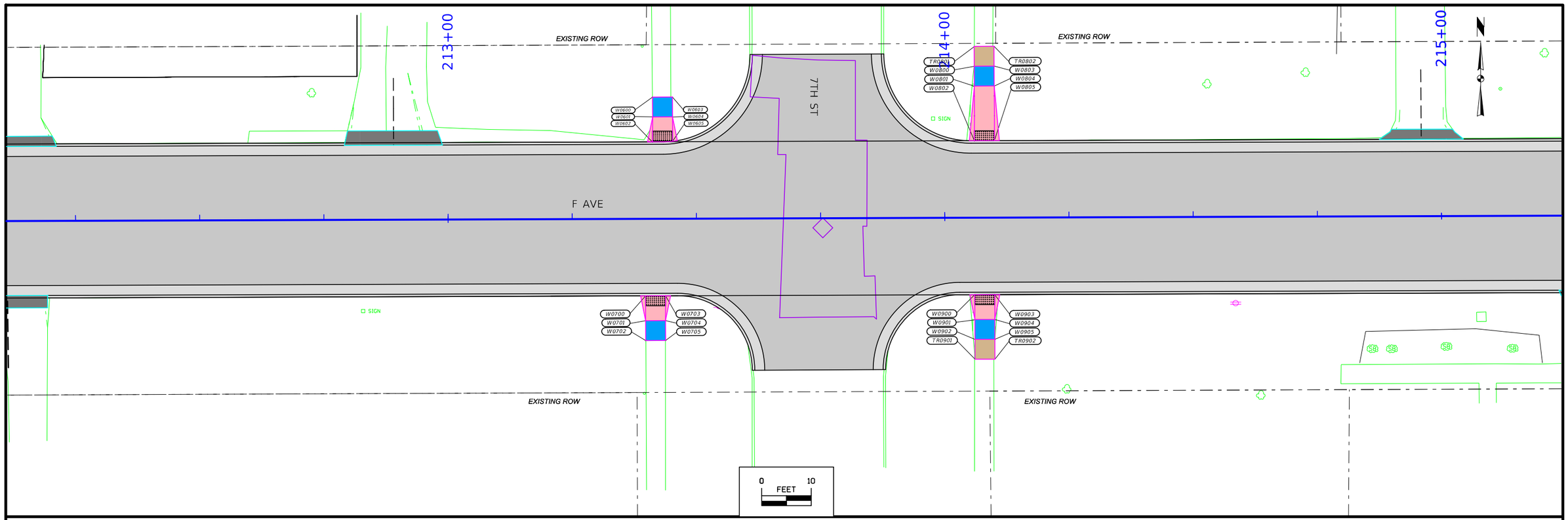
(2) Refer to tabulation 113-01 for bid quantities.

Point to Point		Sidewalk Designation	_" PCC Sidewalk (2)	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? (1)	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
												Point	Station	Offset	Elevation
				FT	FT	%	Pos. or Neg.		%						
W0400	W0401	Landing/Turning Space	6	4.00	-0.07	-1.7%	0.1% to 2.0%	Yes				W0400	24+75.80	32.84	1003.40
W0400	W0403	Landing/Turning Space	6	4.00	-0.06	-1.4%	0.1% to 2.0%					W0401	24+75.80	28.84	1003.33
W0403	W0404	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0402	24+75.80	15.49	1002.32
W0401	W0404	Landing/Turning Space	6	4.00	-0.05	-1.2%	0.1% to 2.0%					W0403	24+79.80	32.84	1003.34
W0401	W0402	Ramp Running Slope	6	13.35	-1.01	-7.6%	0.5% to 8.3%	Yes				W0404	24+79.80	28.84	1003.28
W0402	W0405	Match Existing Cross Slope	6	4.00	0.12	3.1%	Match Existing					W0405	24+79.80	16.07	1002.44
W0404	W0405	Ramp Running Slope	6	12.77	-0.84	-6.6%	0.5% to 8.3%					TR0401	24+75.80	36.84	1003.37
TR0401	TR0402	Match Existing Cross Slope	6	4.00	-0.10	-2.4%	Match Existing					TR0402	24+79.80	32.84	1003.27
TR0401	W0400	Sidewalk Running Slope	6	4.00	0.03	0.8%	0.5% to 5.0%								
TR0402	W0403	Sidewalk Running Slope	6	4.00	0.07	1.7%	0.5% to 5.0%								
W0505	W0504	Landing/Turning Space	6	4.00	-0.05	-1.2%	0.1% to 2.0%					W0500	24+74.75	15.53	1002.34
W0505	W0502	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%					W0501	24+74.75	29.56	1003.40
W0502	W0501	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0502	24+74.75	33.56	1003.46
W0504	W0501	Landing/Turning Space	6	4.00	0.05	1.2%	0.1% to 2.0%					W0503	24+74.75	15.90	1002.40
W0504	W0503	Ramp Running Slope	6	13.65	-0.95	-7.0%	0.5% to 8.3%					W0504	24+78.75	29.56	1003.35
W0503	W0500	Match Existing Cross Slope	6	4.00	-0.06	-1.6%	Match Existing					W0505	24+78.75	33.56	1003.40
W0501	W0500	Ramp Running Slope	6	14.03	-1.06	-7.6%	0.5% to 8.3%	Yes				TR0501	24+70.75	29.56	1003.56
TR0501	W0501	Sidewalk Running Slope	6	4.00	-0.16	-3.9%	0.5% to 5.0%					TR0502	24+70.75	33.56	1003.65
TR0501	TR0502	Match Existing Cross Slope	6	4.00	0.09	2.2%	Match Existing					TR0503	24+74.80	37.56	1003.53
TR0502	W0502	Sidewalk Running Slope	6	4.00	-0.19	-4.6%	0.5% to 5.0%	Yes				TR0504	24+78.75	37.56	1003.45
TR0503	W0502	Sidewalk Running Slope	6	4.00	-0.07	-1.8%	0.5% to 5.0%								
TR0503	TR0504	Match Existing Cross Slope	6	4.00	-0.08	-2.1%	Match Existing								
TR0504	W0505	Sidewalk Running Slope	6	4.00	-0.05	-1.3%	0.5% to 5.0%								

SIDEWALK INFO



113-10
04-18-17

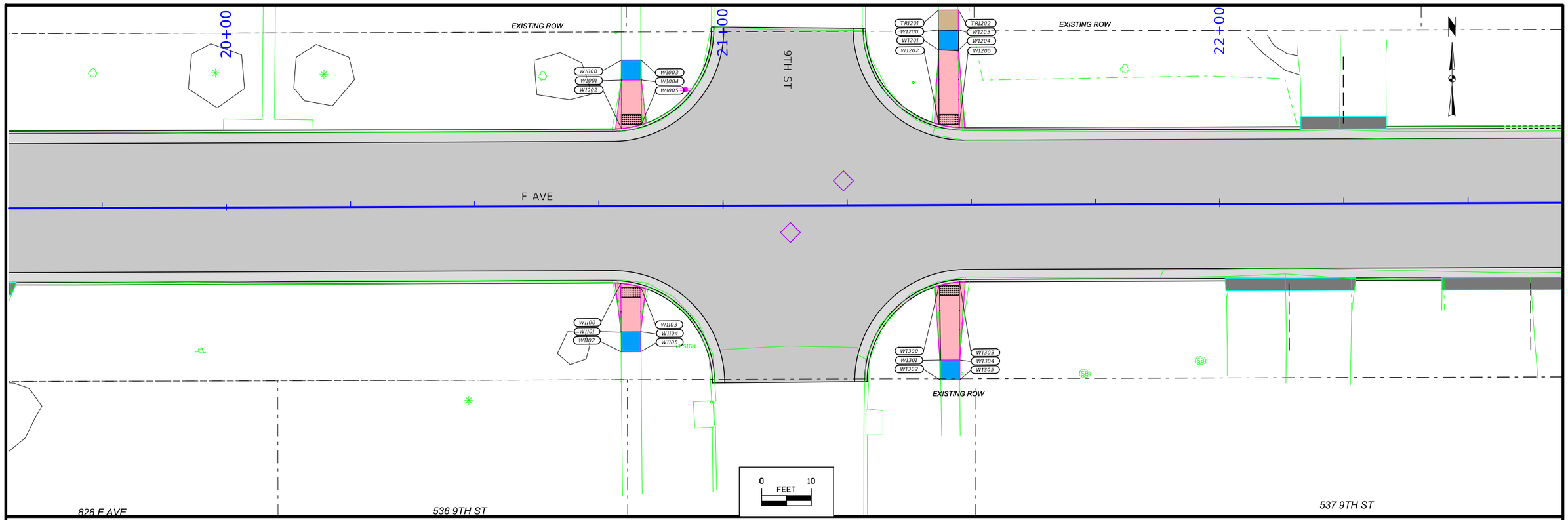
SIDEWALK COMPLIANCE

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*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? (1)	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
												Point	Station	Offset	Elevation
				FT	FT	%	Pos. or Neg.		%						
W0600	W0601	Landing/Turning Space	6	4.00	-0.05	-1.3%	0.1% to 2.0%					W0600	213+41.22	24.50	997.75
W0600	W0603	Landing/Turning Space	6	4.00	-0.01	-0.4%	0.1% to 2.0%					W0601	213+41.22	20.50	997.69
W0603	W0604	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0602	213+41.22	15.50	997.38
W0601	W0604	Landing/Turning Space	6	4.00	-0.02	-0.6%	0.1% to 2.0%					W0603	213+45.21	24.50	997.73
W0601	W0602	Ramp Running Slope	6	5.00	-0.31	-6.3%	0.5% to 8.3%					W0604	213+45.21	20.50	997.67
W0602	W0605	Match Existing Cross Slope	6	4.00	0.07	1.6%	Match Existing					W0605	213+45.21	15.60	997.44
W0604	W0605	Ramp Running Slope	6	4.90	-0.23	-4.6%	0.5% to 8.3%								
W0705	W0704	Landing/Turning Space	6	4.00	-0.04	-1.1%	0.1% to 2.0%					W0700	213+39.70	15.50	997.11
W0705	W0702	Landing/Turning Space	6	4.00	0.05	1.2%	0.1% to 2.0%					W0701	213+39.70	20.50	997.38
W0702	W0701	Landing/Turning Space	6	4.00	-0.05	-1.4%	0.1% to 2.0%					W0702	213+39.70	24.50	997.44
W0704	W0701	Landing/Turning Space	6	4.00	0.04	1.0%	0.1% to 2.0%					W0703	213+43.70	15.50	997.14
W0704	W0703	Ramp Running Slope	6	5.00	-0.20	-4.0%	0.5% to 8.3%					W0704	213+43.70	20.50	997.34
W0703	W0700	Match Existing Cross Slope	6	4.00	-0.03	-0.7%	Match Existing					W0705	213+43.70	24.50	997.39
W0701	W0700	Ramp Running Slope		5.00	-0.27	-5.3%	0.5% to 8.3%								
W0800	W0801	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W0800	214+06.01	30.50	998.26
W0800	W0803	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%					W0801	214+06.01	26.50	998.22
W0803	W0804	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W0802	214+06.01	15.50	997.41
W0801	W0804	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%					W0803	214+10.01	30.50	998.32
W0801	W0802	Ramp Running Slope	6	11.00	-0.81	-7.3%	0.5% to 8.3%					W0804	214+10.01	26.50	998.28
W0802	W0805	Match Existing Cross Slope	6	4.00	0.01	0.1%	Match Existing					W0805	214+10.01	15.50	997.42
W0804	W0805	Ramp Running Slope	6	11.00	-0.86	-7.8%	0.5% to 8.3%	Yes				TR0801	214+06.01	34.50	998.35
TR0801	W0800	Sidewalk Running Slope	6	4.00	-0.09	-2.2%	0.5% to 5.0%					TR0802	214+10.01	34.50	998.42
TR0801	TR0802	Match Existing Cross Slope	6	4.00	0.07	1.8%	Match Existing								
TR0802	W0803	Sidewalk Running Slope	6	4.00	-0.10	-2.5%	0.5% to 5.0%								
W0905	W0904	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W0900	214+06.00	15.50	997.07
W0905	W0902	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0901	214+06.00	20.50	997.43
W0902	W0901	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W0902	214+06.00	24.50	997.47
W0904	W0901	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W0903	214+10.00	15.50	997.12
W0904	W0903	Ramp Running Slope	6	5.00	-0.38	-7.5%	0.5% to 8.3%	Yes				W0904	214+10.00	20.50	997.49
W0903	W0900	Match Existing Cross Slope	6	4.00	-0.05	-1.2%	Match Existing					W0905	214+10.00	24.50	997.53
W0901	W0900	Ramp Running Slope	6	5.00	-0.36	-7.3%	0.5% to 8.3%					TR0901	214+06.00	28.50	997.58
TR0901	W0902	Sidewalk Running Slope	6	4.00	-0.11	-2.7%	0.5% to 5.0%					TR0902	214+10.00	28.50	997.71
TR0901	TR0902	Match Existing Cross Slope	6	4.00	0.13	3.3%	Match Existing								
TR0902	W0905	Sidewalk Running Slope	6	4.00	-0.18	-4.5%	0.5% to 5.0%	Yes							

SIDEWALK INFO



113-10
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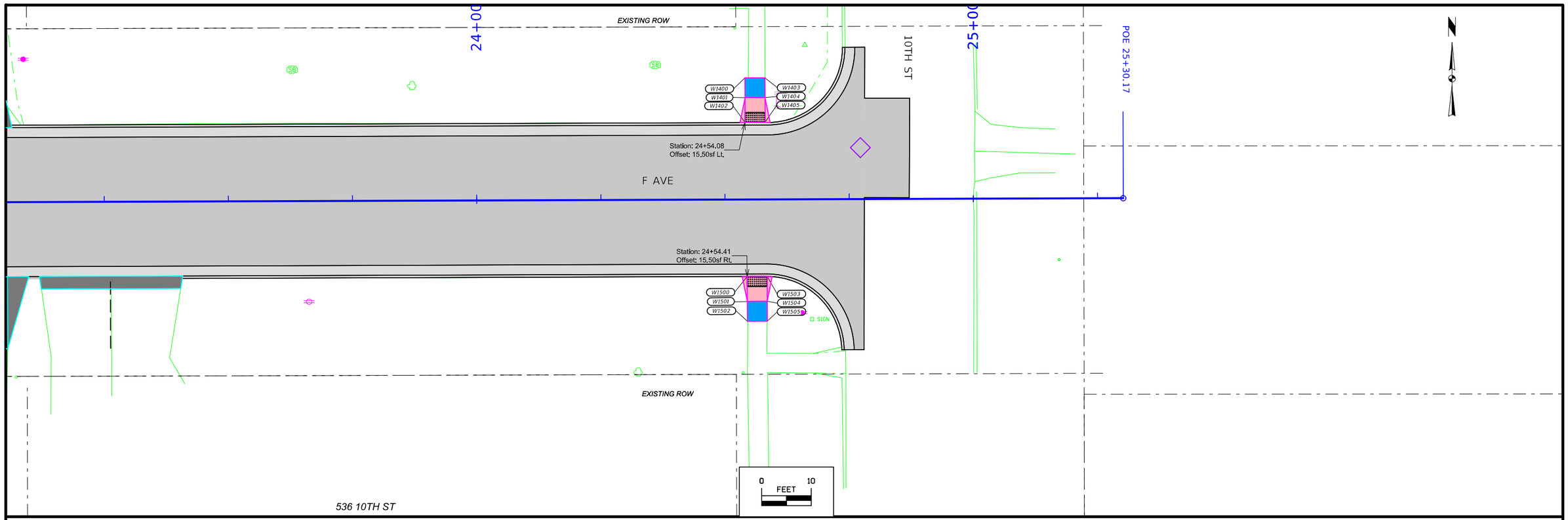
SIDEWALK COMPLIANCE

See S Sheets

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

Point to Point		Sidewalk Designation	_" PCC Sidewalk (2)	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? (1)	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
												Point	Station	Offset	Elevation
				FT	FT	%	Pos. or Neg.		%						
W1000	W1001	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%								
W1000	W1003	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1001	220+79.60	25.38	1000.53
W1003	W1004	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1002	220+79.60	15.58	999.80
W1001	w1004	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1003	220+83.60	29.38	1000.55
W1001	W1002	Ramp Running Slope	6	9.80	-0.73	-7.4%	0.5% to 8.3%	Yes				W1004	220+83.60	25.38	1000.49
W1002	W1005	Match Existing Cross Slope	6	4.00	0.04	1.1%	Match Existing					W1005	220+83.60	16.38	999.84
W1004	W1005	Ramp Running Slope	6	9.00	-0.65	-7.2%	0.5% to 8.3%								
W1105	W1104	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1100	220+79.38	15.57	999.82
W1105	W1102	Landing/Turning Space	6	4.00	-0.01	-0.3%	0.1% to 2.0%					W1101	220+79.38	25.34	1000.32
W1102	W1101	Landing/Turning Space	6	4.00	-0.07	-1.7%	0.1% to 2.0%	Yes				W1102	220+79.38	29.34	1000.39
W1104	W1101	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1103	220+83.38	16.33	999.85
W1104	W1103	Ramp Running Slope	6	9.00	-0.51	-5.6%	0.5% to 8.3%					W1104	220+83.38	25.33	1000.36
W1103	W1100	Match Existing Cross Slope	6	4.00	-0.03	-0.7%	Match Existing					W1105	220+83.38	29.33	1000.40
W1101	W1100	Ramp Running Slope		9.77	-0.50	-5.1%	0.5% to 8.3%								
W1200	W1201	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1200	221+43.53	35.26	1001.35
W1200	W1203	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%					W1201	221+43.53	31.26	1001.31
W1203	W1204	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1202	221+43.53	16.26	999.82
W1201	W1204	Landing/Turning Space	6	4.00	0.04	1.0%	0.1% to 2.0%					W1203	221+47.57	35.26	1001.41
W1201	W1202	Ramp Running Slope	6	15.00	-1.49	-9.9%	0.5% to 10.9%					W1204	221+47.57	31.26	1001.35
W1202	W1205	Match Existing Cross Slope	6	4.00	0.03	0.7%	Match Existing					W1205	221+47.57	15.54	999.85
W1204	W1205	Ramp Running Slope	6	15.70	-1.51	-9.6%	0.5% to 10.6%					TR1201	221+43.53	39.26	1001.50
TR1201	W1200	Sidewalk Running Slope	6	4.00	-0.14	-3.6%	0.5% to 5.0%					TR1202	221+47.57	39.26	1001.61
TR1201	TR1202	Match Existing Cross Slope	6	4.00	0.11	2.8%	Match Existing								
TR1202	W1203	Sidewalk Running Slope	6	4.00	-0.20	-4.9%	0.5% to 5.0%	Yes							
W1305	W1304	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1300	221+43.54	16.23	999.88
W1305	W1302	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1301	221+43.54	31.23	1001.14
W1302	W1301	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1302	221+43.54	35.23	1001.20
W1304	W1301	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1303	221+47.54	15.54	999.86
W1304	W1303	Ramp Running Slope	6	15.68	-1.32	-8.5%	0.5% to 9.5%					W1304	221+47.54	31.22	1001.18
W1303	W1300	Match Existing Cross Slope	6	4.00	0.02	0.5%	Match Existing					W1305	221+47.54	35.22	1001.24
W1301	W1300	Ramp Running Slope	6	15.00	-1.26	-8.4%	0.5% to 9.4%								

SIDEWALK INFO



113-10
04-18-17

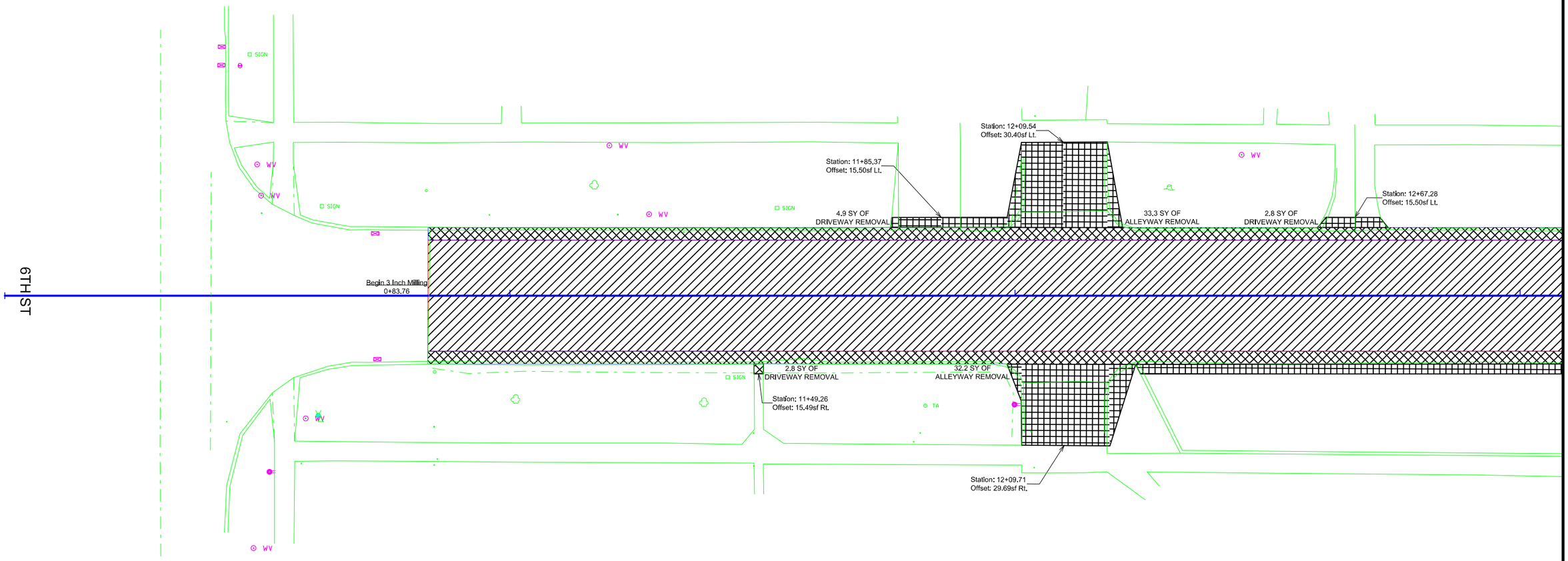
SIDEWALK COMPLIANCE

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*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? (1)	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
												Point	Station	Offset	Elevation
				FT	FT	%	Pos. or Neg.		%						
W1400	W1401	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1400	224+54.08	24.50	1001.45
W1400	W1403	Landing/Turning Space	6	4.00	-0.02	-0.4%	0.1% to 2.0%					W1401	224+54.08	20.50	1001.41
W1403	W1404	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1402	224+54.08	15.50	1001.19
W1401	W1404	Landing/Turning Space	6	4.00	-0.04	-1.0%	0.1% to 2.0%					W1403	224+58.08	24.50	1001.43
W1401	W1402	Ramp Running Slope	6	5.00	-0.22	-4.4%	0.5% to 8.3%					W1404	224+58.08	20.50	1001.37
W1402	W1405	Match Existing Cross Slope	6	4.00	-0.17	-4.2%	Match Existing					W1405	224+58.08	15.50	1001.02
W1404	W1405	Ramp Running Slope	6	5.00	-0.35	-7.0%	0.5% to 8.3%								
W1505	W1504	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1500	224+54.41	15.50	1000.99
W1505	W1502	Landing/Turning Space	6	4.00	0.03	0.8%	0.1% to 2.0%					W1501	224+54.41	20.50	1001.16
W1502	W1501	Landing/Turning Space	6	4.00	-0.06	-1.5%	0.1% to 2.0%					W1502	224+54.41	24.50	1001.22
W1504	W1501	Landing/Turning Space	6	4.00	0.03	0.8%	0.1% to 2.0%					W1503	224+58.41	15.50	1000.96
W1504	W1503	Ramp Running Slope	6	5.00	-0.17	-3.4%	0.5% to 8.3%					W1504	224+58.41	20.50	1001.13
W1503	W1500	Match Existing Cross Slope	6	4.00	0.03	0.8%	Match Existing					W1505	224+58.41	24.50	1001.19
W1501	W1500	Ramp Running Slope		5.00	-0.17	-3.3%	0.5% to 8.3%								

SIDEWALK INFO



MILL 3 INCHES

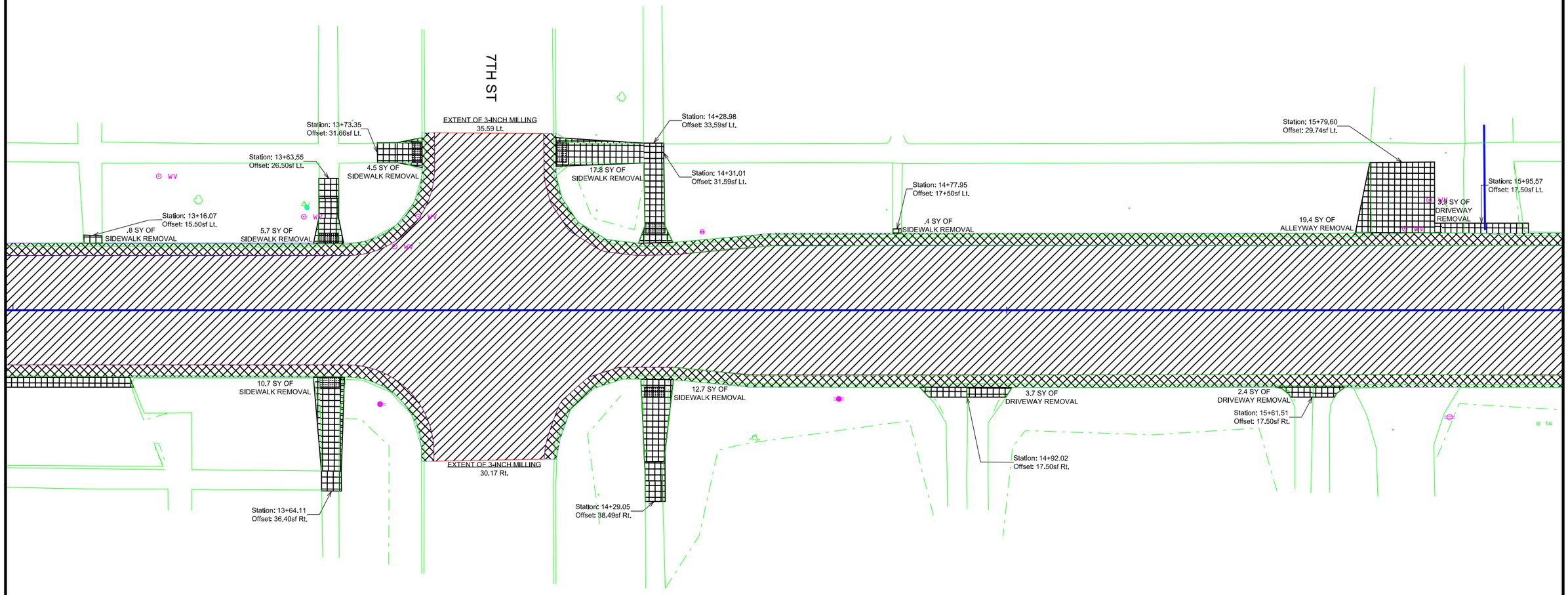
REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

NOTE: ALL REMOVALS OF RESIDENTIAL PAVED DRIVEWAYS AND CARRIAGE WALKS SHALL EXTEND TWO (2) FEET FROM THE BACK OF THE CURB.

0 20
FEET

REMOVALS INFO



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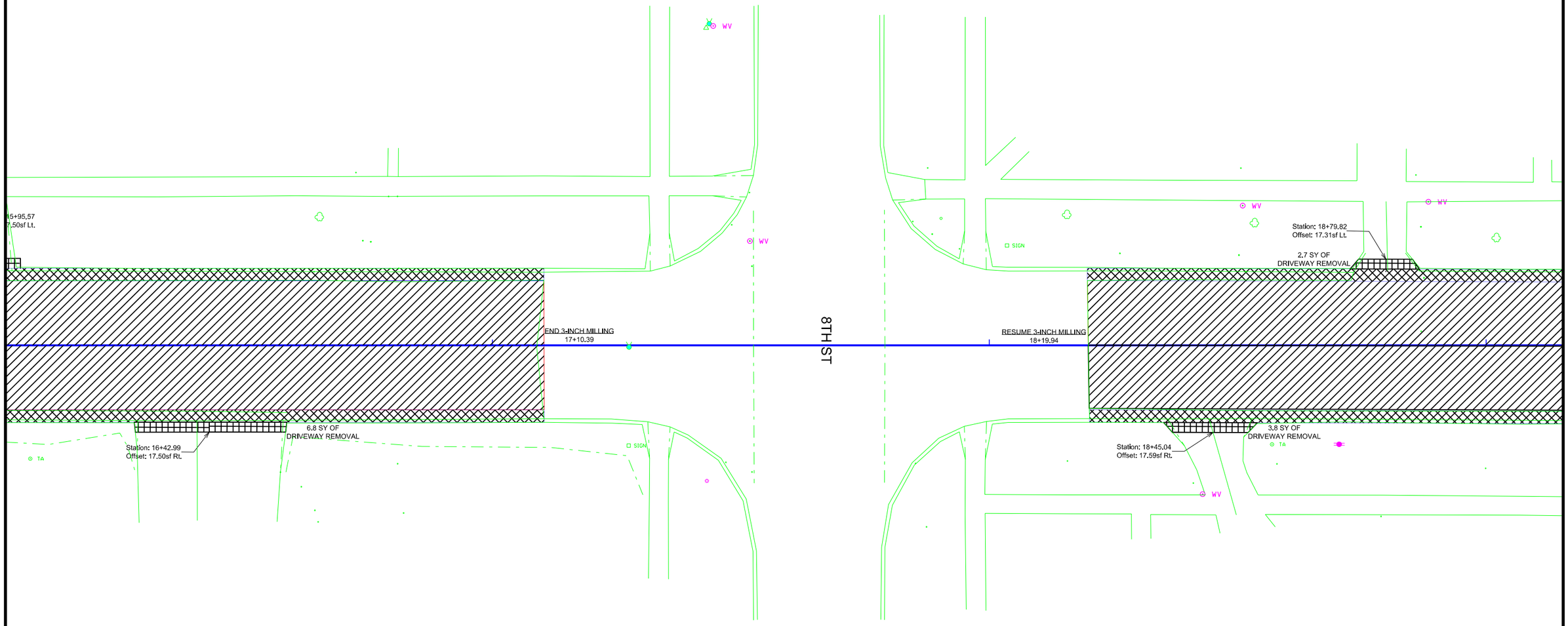
FEET

REMOVALS INFO



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REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

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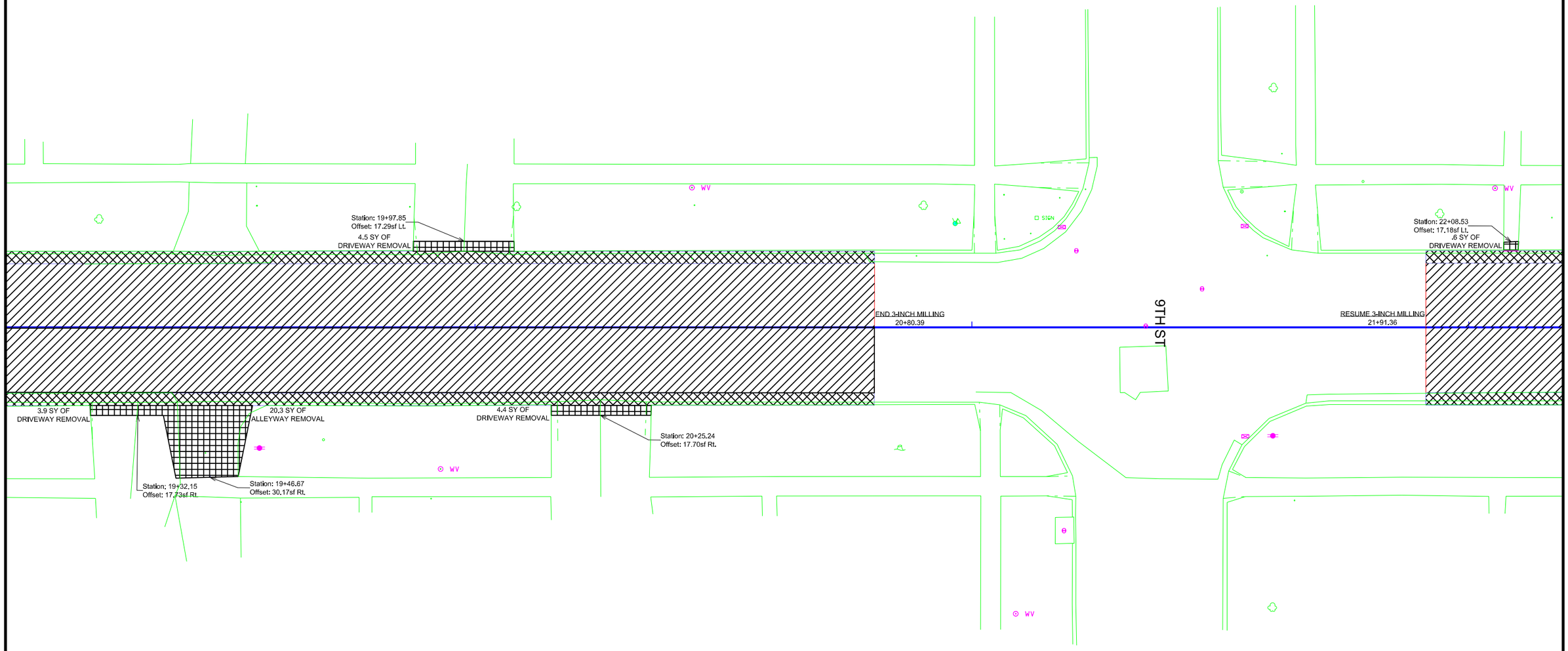

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

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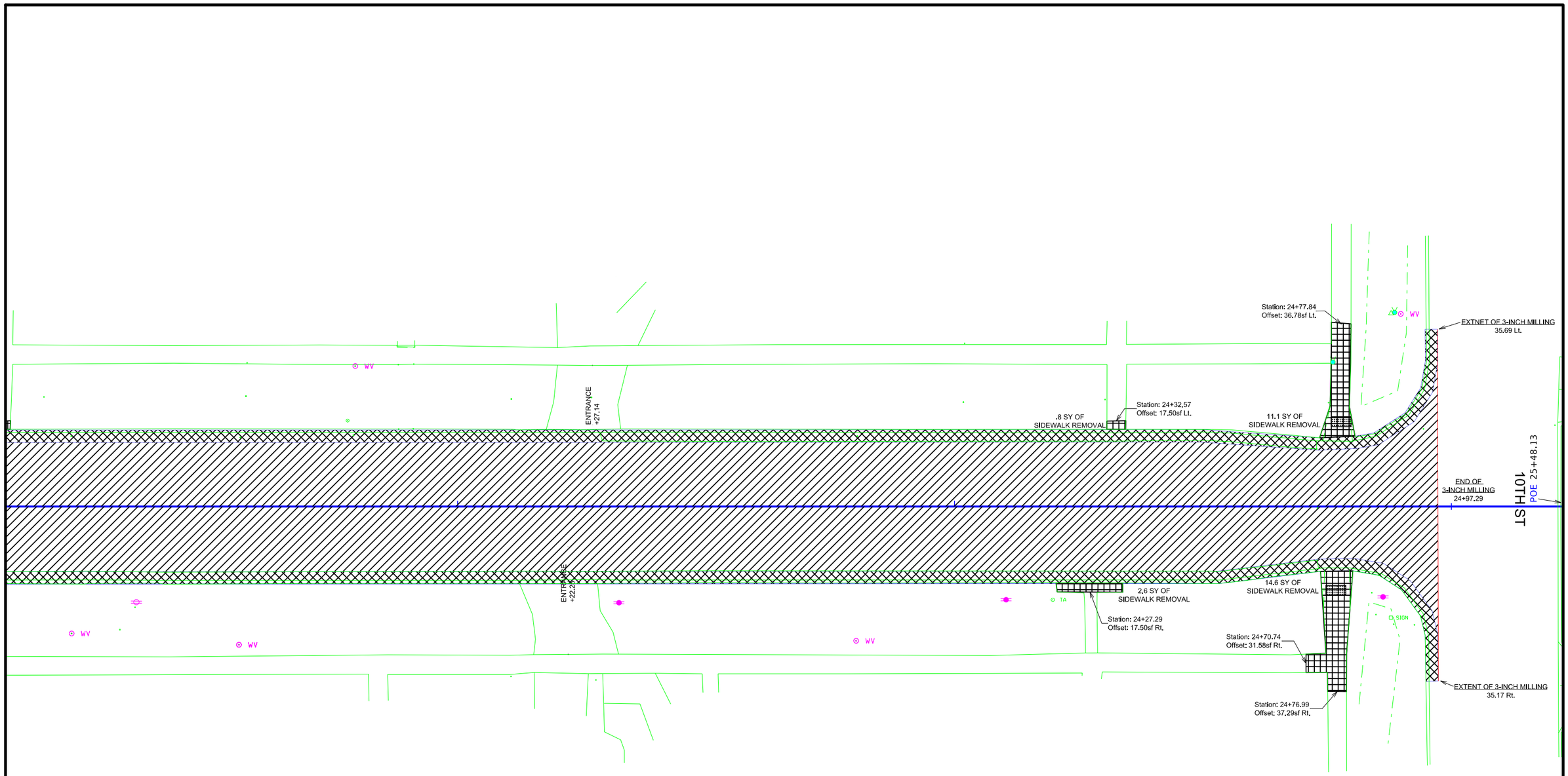

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

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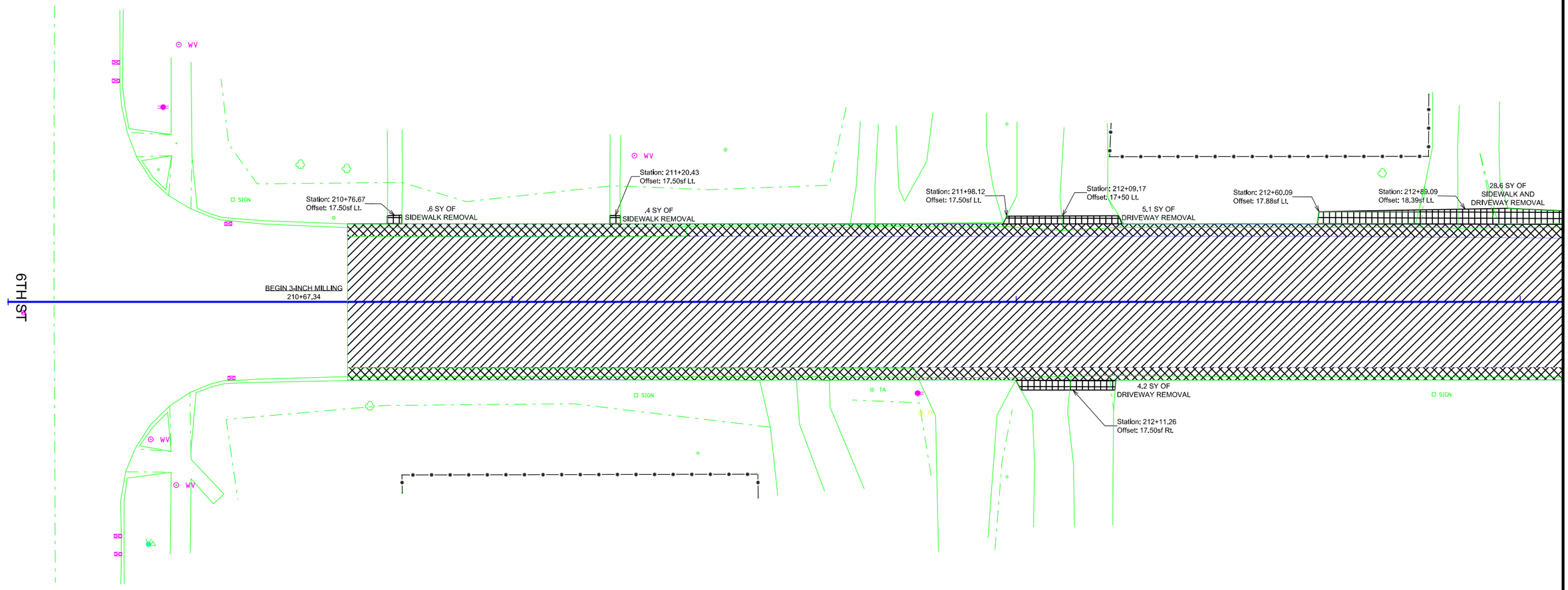

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER U.6

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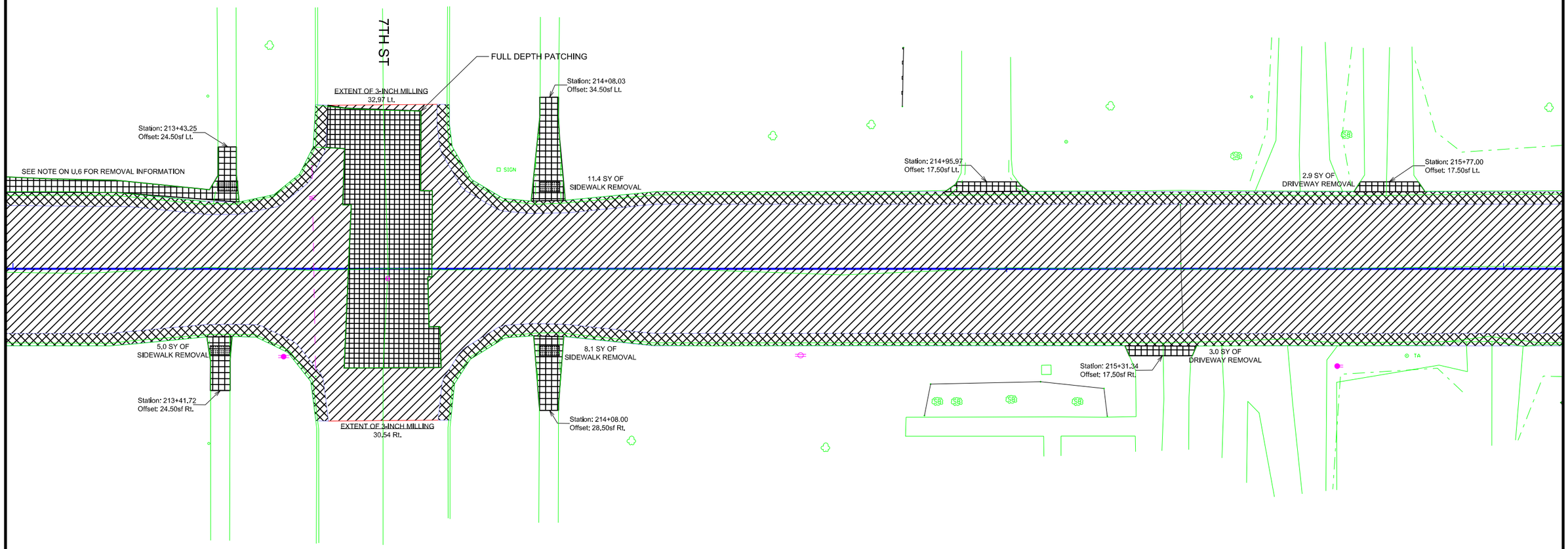

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

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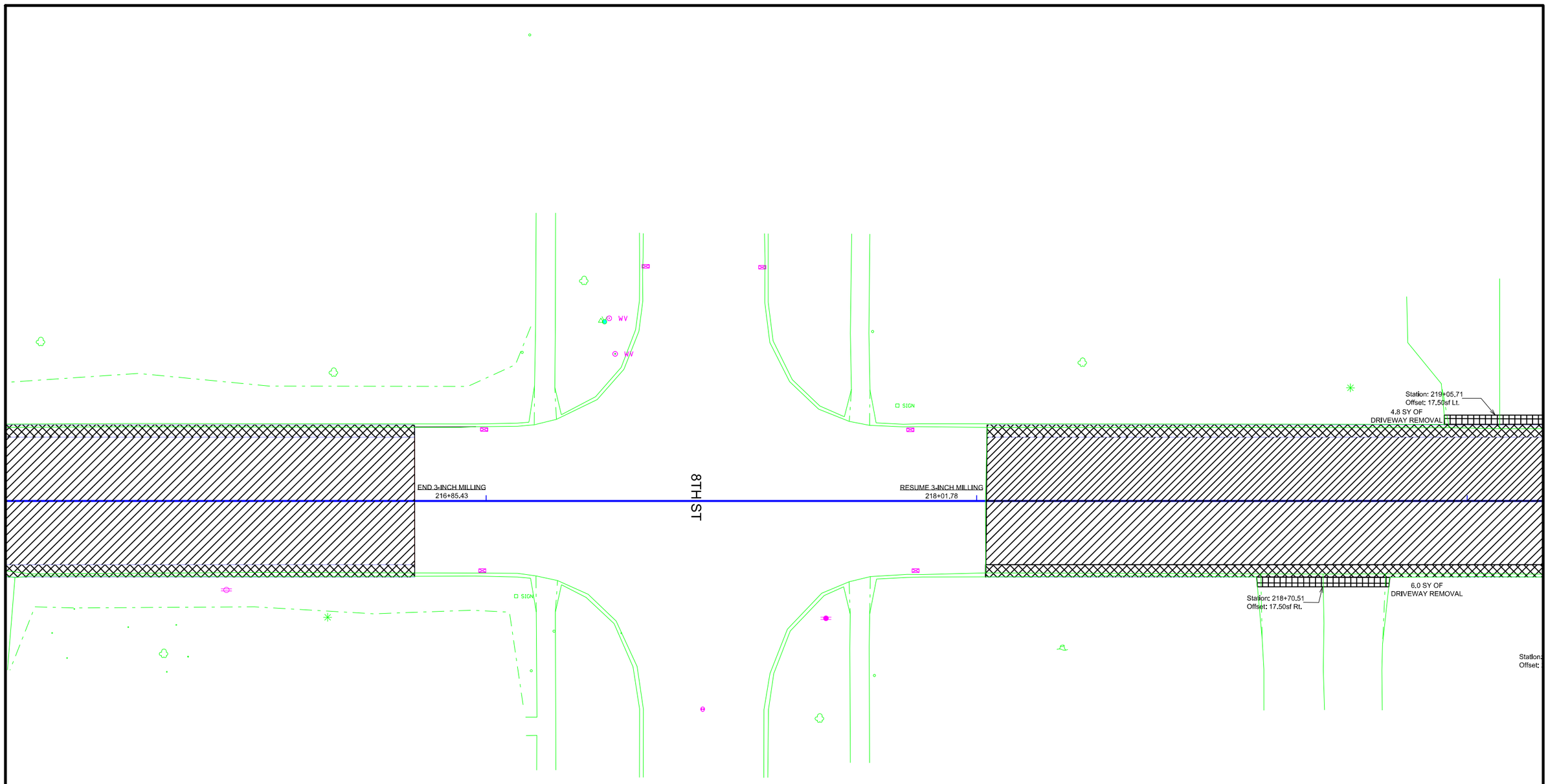

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER U.8

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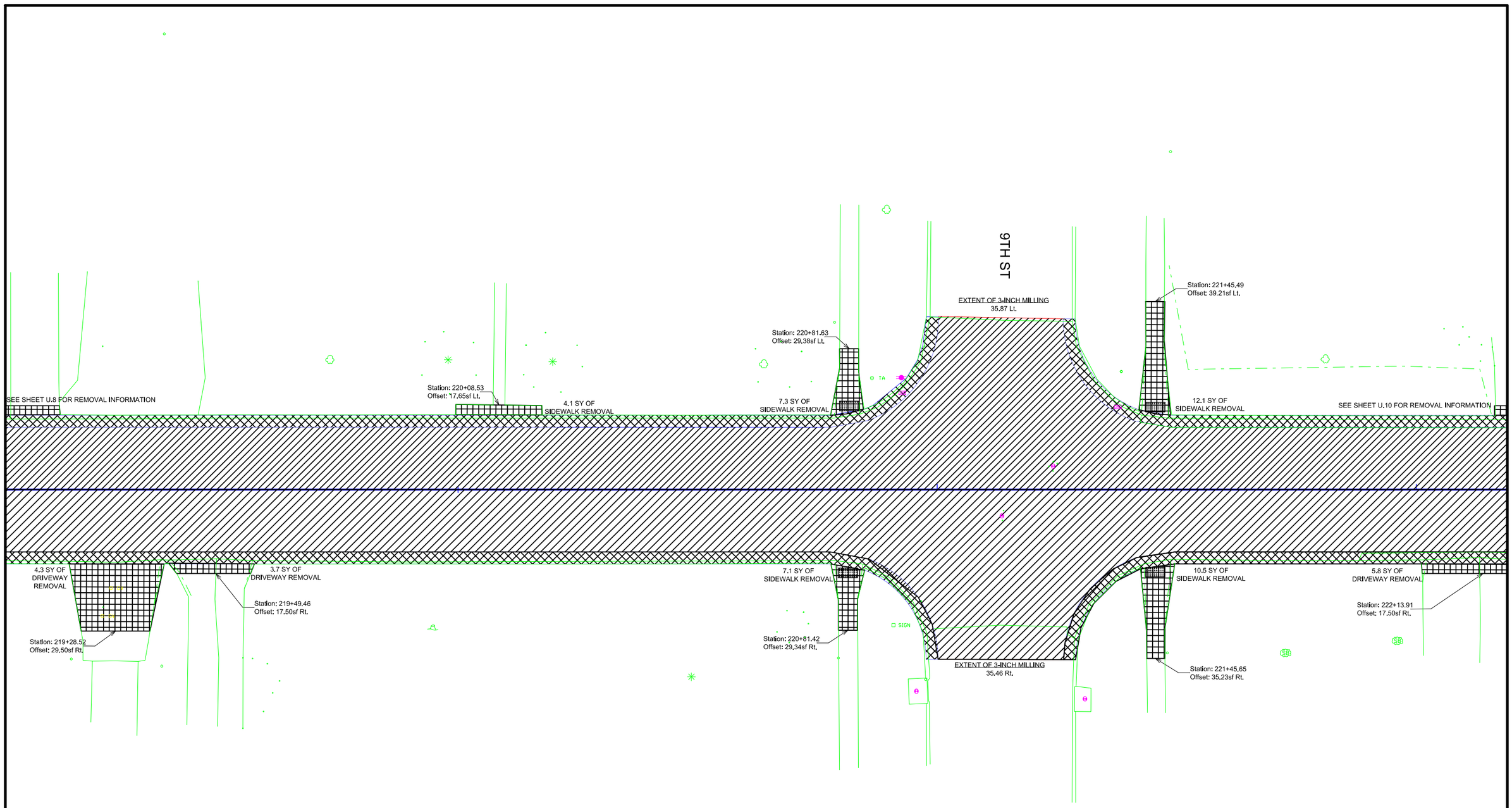

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

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0 20
FEET

REMOVALS INFO

FILE NO.	ENGLISH	DESIGN TEAM WHKS & CO.	CITY OF NEVADA	CITY	PROJECT NUMBER 9942	SHEET NUMBER U.9

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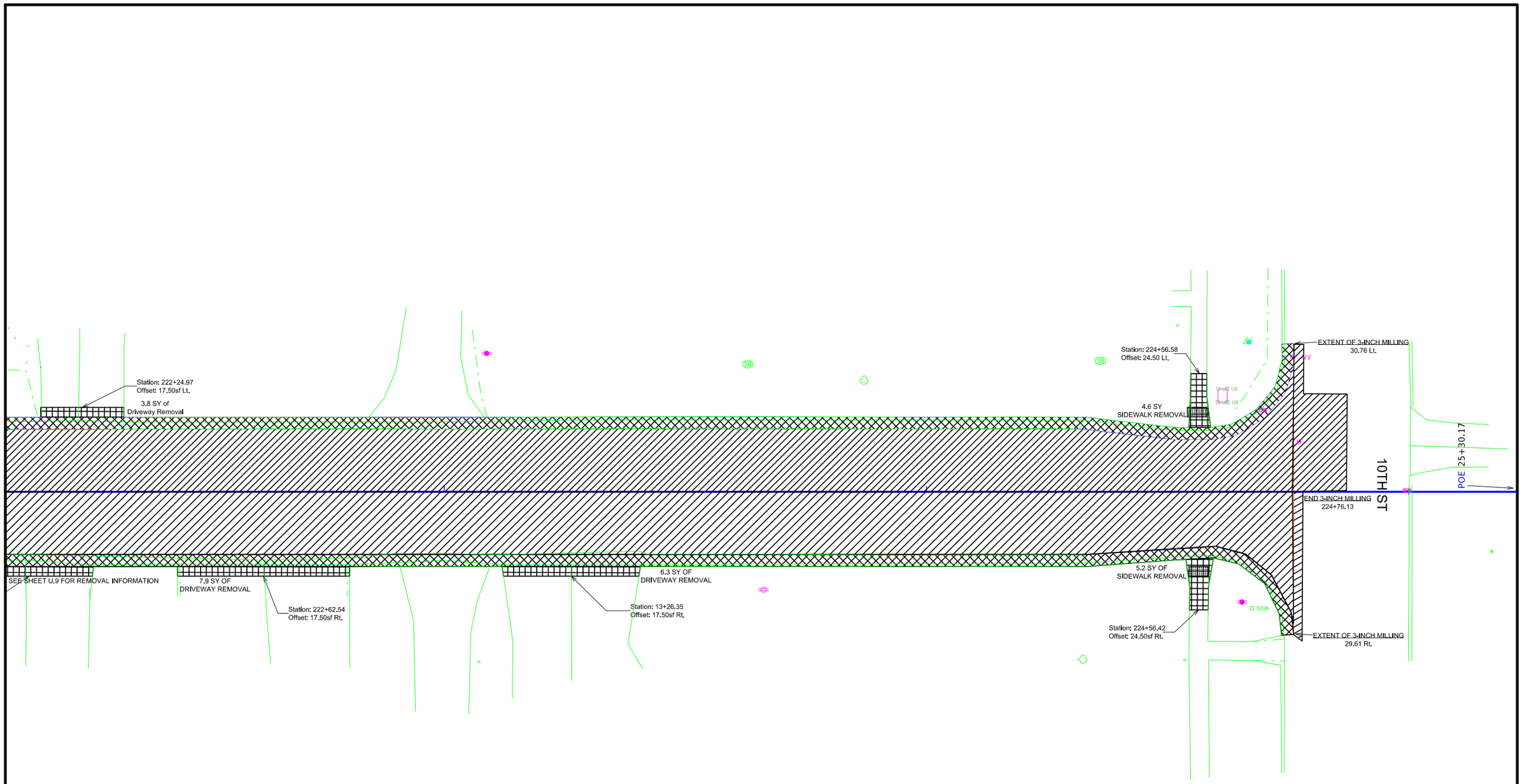

MILL 3 INCHES

REMOVAL OF CURB AND GUTTER

REMOVAL OF PAVEMENT

NOTE: ALL REMOVALS OF RESIDENTIAL PAVED DRIVEWAYS AND CARRIAGE WALKS SHALL EXTEND TWO (2) FEET FROM THE BACK OF THE CURB.

0 20
FEET

REMOVALS INFO

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