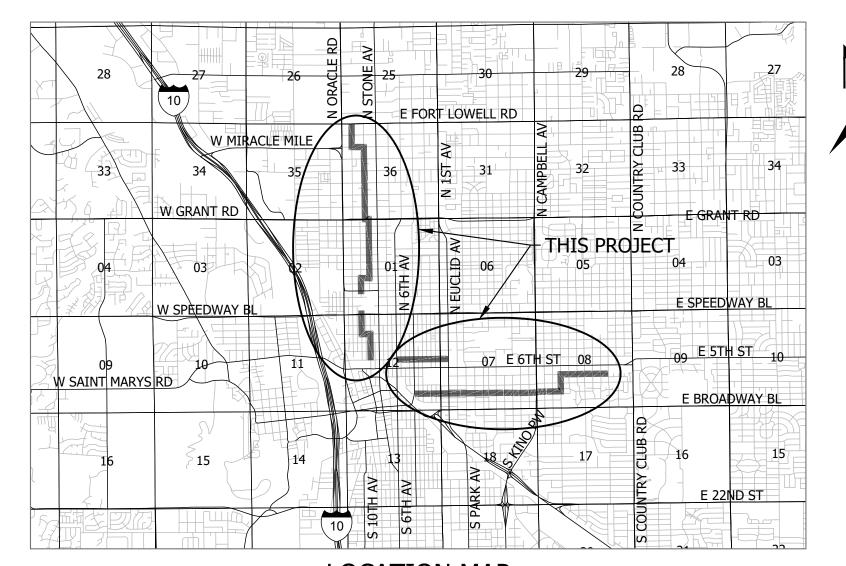
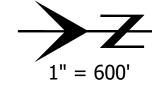
# RESERVATION

# CITY OF TUCSON, ARIZONA 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE ROADWAY IMPROVEMENTS C.O.T. JOB NO. U-2022-006



LOCATION MAP SCALE: 1" = 1 MILE Section 36, T13S, R13E Sections 1 & 12, T14S, R13E Sections 7 & 8, T14S, R14E G & SR B&M



1" = 600'

# Area reserved for "Record Document" block.

Constructed by:

Construction Company

Completion Date

Red-Lines by:

Construction Administrator Name & Company

Completion Date

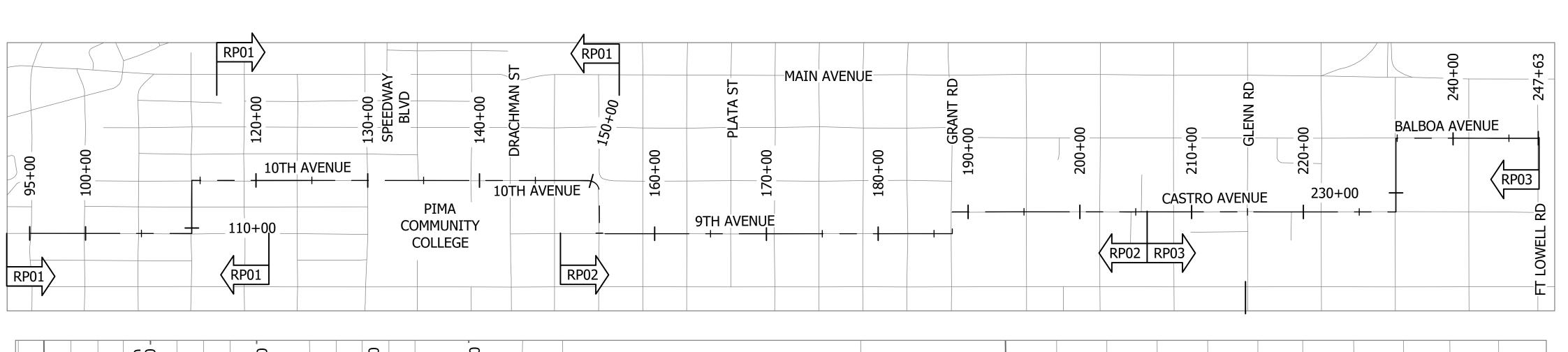
Record Document by:

As-Built Designer Name & Company

Completion Date

ORIGINAL SIZE 24"x36" DO NOT SCALE A REDUCED SIZE

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			RWRD UPC-202 FELSON 2 E CO TUCSO SOCIATES P 520.			SUITE 705 544. <b>9616</b>	CITY OF TUCSON		•	T LOWELL RD,		ICLID AV	CLE BOULEVARD  VE, AND 4TH AVE TO TREAT AVE	
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rizona811.com	NO.	DATE	REVISION DESCRIPTION	ВҮ	CHKD.	APPR.	OR RECORDING	DRWN. BY BDH 20	23 DSGN. BY _	BDH <sub>20</sub> <u>23</u>	CHKD. BY FLG	20 23	PLAN NO. <u>U-2022-00</u>	)6





## INDEX OF SHEETS

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2 - 3	NT01 - NT02	General Notes Sheets
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17 - 22	RP01 - RP06	Bike Blvd Roadway Plan Sheets
23 - 28	WF01 - WF06	Bike Blvd Wayfinding Sign Sheets
29 - 34	SS01 - SS06	Bike Blvd Signing and Marking Sheets
35 - 45	SG01 - SG11	Intersection Signing and Marking Sheets
46 - 55	SS01 - SS10	Sign Summary Sheets
56 - 59	TS01 - TS04	Traffic Signal Plan Sheets
60 - 74	LP01 - LP14	Landscaping Plans

### **GENERAL NOTES**

- 1. This project has been designed following the AASHTO Policy on Geometric Design of Highways and Streets, Sixth Edition, 2011, the Manual of Uniform Traffic Control Devices, current edition, and the 2015 PAG Standard Specifications (SSPI) and Details for Public Improvements (SDPI).
- 2. Right-of-way encroachments shall be removed by the contractor as directed by the Engineer.
- 3. All construction activity and test methods shall conform to the PAG SSPI and SDPI, 2015 editions. Said documents are on file at 201 N. Stone Avenue, Tucson, AZ 85726-7201. The said specifications and details may be modified or supplemented as shown or indicated in these plans and Special Provisions.
- 4. The contractor shall comply with all applicable occupational safety and health administration regulations, in particular, shoring of trenches.
- 5. The contractor shall obtain all permits required by governmental agencies.
- 6. The contractor shall be responsible for the care, maintenance, repair, or replacement of existing facilities in the work area which have been removed or damaged during the course of construction. All repair, replacement or cleanup shall be completed to the satisfaction of the Engineer.
- 7. The contractor is responsible for complying with all regulations and requests by the Engineer regarding dust pollution.
- 8. It shall be the contractors responsibility to furnish, haul and apply all water required for compaction and for the control of dust from construction activity. The cost will be considered as included in the contract price for the various bid items for which this work is incidental.
- 9. Upon commencement of work, traffic control devices shall be posted and maintained by the contractor until such a time as the work is complete. All warning signs, barricades, etc. shall be in accordance with the Manual on Uniform Traffic Control Devices 2009 Edition and as approved by the Engineer.
- 10. Access shall be maintained to all businesses, residences, and side streets at all times except when approved by the Engineer.
- 11. Utility locations, as shown on the plans, were compiled based on the best information available. Utility locations are not intended to be exact or complete. Prior to commencing construction the contractor shall verify the location of all utilities with the appropriate organizations, it shall be the responsibility of the contractor to protect all existing utilities in place that are not shown on the project plans to be relocated or modified. With the approval of the Engineer and the Owner of the utility, the contractor may remove and replace or relocate existing utilities for his convenience. No separate measurement and payment will be made for protection, removal and replacement, or relocation of existing utilities. The cost will be considered as included in the contract price for the various bid items in which this work is incidental. Contact 'Arizona 811" 1-800-STAKE-IT, two full working days prior to beginning construction. Saturday and Sunday are not considered working days.
- 12. Removal of all cacti and native plants shall be in accordance with the provisions of the "Arizona Native Plant Law," A.R.S, Chapter 7.
- 13. The project roadway shall be striped by the contractor in accordance with the details shown in the project plans and with the 2020 PC/COT Pavement Marking Design Manual and current revisions.
- 14. All existing manhole frames and covers, survey monuments, water valves, etc. shall be adjusted to match finished grade where applicable and as directed by the Engineer. This work shall be considered incidental to the other items of work, except when the bidding schedule contains specific items on a unit basis.
- 15. Various grading operations may be necessary at and around existing utility pole facilities, The cost will be considered as included in the contract price for the various bid items for which this work is incidental.
- 16. All existing signs to be removed as part of this project are to be delivered to the City of Tucson Sign Shop at 4004 S. Park (791-3154.) The contractor is responsible for unloading the salvaged material. The City of Tucson will provide new signing prior to completion of the construction activities.
- 17. Transitions from vertical curb to wedge curb, depressed curb, and gutter will be considered as included in the contract price for item No. 9080005, Concrete Curb. Depressed curb will be considered to be included in the contract price for concrete curb.
- 18. The contractor shall protect in place the existing survey monument(s) if present. If monument present, grade 5:1 slopes around concrete foundation. All work regarding survey monuments shall be directed and approved by the Engineer and a City of Tucson Surveyor is present to guide the work. Survey monuments to be reset with frame and cover per PAG 2015 Std. Dtl. 103, sheet 2 of 3 if destroyed or disturbed. Any work necessary to protect in place or adjust the survey monuments will be paid for under Item 9090002, Survey Monument.

### BASIS OF SURVEY

### Basis of Bearings:

The Basis of Bearings for this project is a grid bearing of South 00°54′01″ East between Pima County Geodetic control points "EG01" a punched 40d nail in casting at the intersection of 5th Street and 1st Ave and "EL01" a 2" brass cap in concrete with punch in 16th Street 275′ ± southwest of Toole Avenue.

### Basis of Elevations:

The Basis of Elevations for this project is the Pima County Geodetic Control Point EG01 being a punched 40d nail in casting at the intersection of 5th Street and 1st Ave at elevation 2,401.86 (NAVD88 Datum).

### Basis of Coordinates:

Coordinates for this project are based on the Arizona State Plane Coordinate System of 1983, Central Zone International Feet. State Plane Coordinate were scaled to create modified coordinate system at surface values. The inverse of the combined grid factor, 0.99989051 (1/X=1.00010950) was applied at Pima County OPUS Point "14S14E\_K2" to produce the final surface values.

### LENGTH OF PROJECT

9th Ave Bike Blvd Sta 100+00 to Sta 250+00 (St Marys to Fort Lowell Rd) Gross Length = 14,375 feet = 2.72 miles

5th St Bike Blvd Sta 300+00 to Sta 330+00 (6th Ave to Euclid Ave) Gross Length = 2,882 feet = 0.55 miles

9th Street Bike Blvd Sta 400+00 to Sta 520+00 (4th Ave to Treat Ave) Gross Length = 11,622 feet = 2.20 miles

### I FGEND

LEGEND	
	New Pavement
	New Concrete
	New Riprap
	Remove Pavement
0	Nail (As Noted)
•	Survey Monument
	Pima County Geodetic Control Point
$\bowtie$	Water Valve
$\bigoplus$	Water Meter
abla	Fire Hydrant
	Gas Meter
Ø	Utility Pole
ø	Utility Pole w/riser
$\downarrow$	Guy Wire
$\boxtimes$	Electric Transformer
**	Street Light
00	Pull Box
$\otimes$	Communications Pedestal
$\Leftrightarrow$	Telephone Pedestal
•	Gate or Post Barricade
٩	Sign
<b>(S)</b>	Sewer Manhole
¢	Mail Box
<b>S</b>	Sewer Clean-out
H	Gas Valve
MH	Communications Manhole
	Traffic Signal
	Electric Box
	Monument Line
	Right of Way
——P——	Property Line
X	Fence Line
——ОНТ——	Overhead Utilities
—— SD ——	Existing Storm Drain Pipe
—— G ——	Gas Line
—— FO ——	Fiber Optic
—— S-6" ——	6" Sewer

NT01 OF NT02

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— w−6" — 6" Water

### RWRD SANITARY SEWER GENERAL NOTES

- 1. ALL DESIGN STANDARDS, MATERIALS AND WORKMANSHIP FOR PUBLIC SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT(PCRWRD) ENGINEERING DESIGN STANDARDS 2022 (EDS 2022) AND THE STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION 2022 (SSDC 2022). SAID DOCUMENTS ARE AVAILABLE THROUGH THE PCRWRD WEBSITE (www.pima.gov/wastewaterreclamation).
- 2. THE CONTRACTOR SHALL CONTACT "ARIZONA 811" (DIAL 811 OR 1-800-782-5348) A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL KEEP ALL UNDERGROUND FACILITY LOCATION REQUESTS UP-TO-DATE AND COMPLY WITH ARIZONA REVISED STATUTES (A.R.S.), TITLE 40, CHAPTER 1, ARTICLE 6.3, SECTION 40-360.22. CONCERNS REGARDING THE ACCURACY BETWEEN THE UNDERGROUND FACILITY MARKINGS AND THE PROJECT PLANS SHALL BE IMMEDIATELY REPORTED TO THE DESIGN ENGINEER.
- 3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SANITARY SEWER MANHOLES AT ALL TIMES.
- 4. ANY HOUSE CONNECTION SEWER (HCS) OR BUSINESS CONNECTION SEWER (BCS) LINES ENCOUNTERED DURING CONSTRUCTION SHALL BE PROTECTED, REPAIRED, OR REROUTED, AS THE SITUATION DICTATES, PER PCRWRD SSDC 2016 DETAIL NO. RWRD 400 AND AT NO EXPENSE TO THE PROPERTY OWNER OR PCRWRD. HCS AND BCS LINES ARE NOT OWNED OR MAINTAINED BY PCRWRD. PRIVATE CONNECTION SEWERS CONSTRUCTED PRIOR TO JANUARY 2006 ARE NOT REQUIRED TO BE LOCATED AND MARKED.
- 5. IMMEDIATELY REPORT ANY OF THE FOLLOWING TO THE PCRWRD OPERATIONS CONTROL CENTER (OCC) AT (520) 724-6500: ANY RELEASE OF SEWAGE, ANY DAMAGE TO THE PUBLIC SANITARY SEWER SYSTEM, OR THE DROPPING OF DEBRIS INTO A PUBLIC SANITARY SEWER MANHOLE. A PCRWRD REPRESENTATIVE WILL BE DISPATCHED TO THE SITE. THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION TO CONTAIN A SANITARY SEWAGE OVERFLOW (SSO). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS TO REPAIR THE SYSTEM, MITIGATE THE RELEASE OF SEWAGE, DISINFECT THE RELEASE AREAS, AND ANY REGULATORY PENALTIES LEVIED ON PCRWRD FOR SEWAGE ENTERING A NATURAL DRAINAGE WAY OR STORM WATER DRAINAGE SYSTEM. THE CONTRACTOR SHALL REPAIR ALL DAMAGE AS DIRECTED AND APPROVED BY THE PCRWRD FIELD REPRESENTATIVE.
- 6. MODIFICATION TO OR ADJUSTMENT OF EXISTING PIMA COUNTY SEWER FACILITIES SHALL NOT COMMENCE UNTIL: (A) THE CONTRACTOR HAS OBTAINED A PCRWRD PUBLIC SEWER CONSTRUCTION PERMIT (CONTACT THE PCRWRD PERMITS SECTION AT (520) 724-6649 FOR PERMIT APPLICATION REQUIREMENTS); (B) THE CONTRACTOR'S FLOW MANAGEMENT PLAN HAS BEEN SUBMITTED THIRTY (30) CALENDAR DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING AND APPROVED BY PCRWRD FIELD ENGINEERING; AND (C) A PRE-CONSTRUCTION MEETING WITH THE ASSIGNED PIMA COUNTY PROJECT FIELD INSPECTOR IS SCHEDULED AT LEAST THREE (3) FULL BUSINESS DAYS PRIOR TO COMMENCING WITH SEWER CONSTRUCTION.
- 7. THE CONTRACTOR SHALL ADJUST OR RECONSTRUCT ALL SANITARY SEWER MANHOLES TO FINISHED GRADE. ALL FRAMES AND COVER ADJUSTMENTS SHALL BE IN ACCORDANCE WITH PCRWRD SSDC 2016, DETAIL NOS. RWRD 211, 212, 304 OR 305 (AS APPLICABLE). THE CONTRACTOR SHALL PROTECT THE BENCH AND FLOW CHANNELS WITH A COVER PER PCRWRD SSDC 2016, DETAIL NO. RWRD 306. PRIOR TO COMMENCING ANY WORK TO THE MANHOLE AND REMOVE THE COVER AFTER ALL WORK IS COMPLETED. THE CONTRACTOR SHALL ENSURE THAT FRAMES AND COVERS ARE CLEAN AND FREE FROM ANY AND ALL ATTACHED MATERIALS (ASPHALT, CONCRETE, ETC.) AND THAT ALL VENT HOLES ARE OPEN AND CLEAR OF OBSTRUCTIONS, AS APPROVED BY THE PCRWRD FIELD ENGINEER. EXISTING FRAMES AND/OR COVERS THAT ARE DAMAGED OR CANNOT BE COMPLETELY CLEANED SHALL BE REPLACED WITH A NEW FRAME AND COVER IN ACCORDANCE WITH PCRWRD SSDC 2016, DETAIL NO. RWRD 213 218. COSTS ASSOCIATED WITH EXISTING FRAMES AND COVERS THAT ARE LOST OR DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 8. THE CONTRACTOR SHALL SUBMIT A FLOW MANAGEMENT PLAN (FMP) TO PCRWRD FIELD ENGINEERING FOR APPROVAL BEFORE PROCEEDING WITH ANY WORK THAT MAY AFFECT LIVE SEWERS. THE FMP SHALL IDENTIFY AND INCLUDE ALL FLOW MANAGEMENT COSTS IN THE CONSTRUCTION BID. THE FMP SHALL BE SUBMITTED THIRTY (30) CALENDAR DAYS PRIOR TO THE SEWER PRE-CONSTRUCTION MEETING. FIELD ENGINEERING WILL REVIEW THE FMP WITHIN TEN (10) BUSINESS DAYS TO ACCOMMODATE REVIEW AND REVISION CYCLES. REFER TO PCRWRD SSDC 2016, SECTION 2 FOR FMP REQUIREMENTS. PLEASE CONTACT PCRWRD FIELD ENGINEERING AT (520) 724-2651 FOR ANY QUESTIONS REGARDING FLOW MANAGEMENT.
- 9. STORM WATER AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY INSTALLED TO PROTECT PCRWRD MANHOLES AT THE BEGINNING OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTANTLY MAINTAIN STORM WATER AND SEDIMENT CONTROL MEASURES THAT PROTECT PCRWRD FACILITIES UNDER ALL CONDITIONS FOR THE DURATION OF THE PROJECT. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ALLOW STORM WATER, SEDIMENT, OR POTENTIAL POLLUTANTS FROM A CONSTRUCTION SITE TO ENTER A PCRWRD MANHOLE. THE CONTRACTOR SHALL ENSURE THAT THEIR FLOW MANAGEMENT OPERATIONS INCLUDE CONTROLS TO PREVENT ANY INTRODUCTION OF STORM WATER, SEDIMENT, OR POLLUTANTS INTO THE PUBLIC SANITARY SEWER SYSTEM. FAILURE TO CONFORM TO THESE REQUIREMENTS SHALL RESULT IN CANCELLATION OF THE SEWER CONSTRUCTION PERMIT.

### RWRD SANITARY SEWER GENERAL NOTES (CONTINUED)

- 10. PRIOR TO THE PRECONSTRUCTION MEETING WITH PCRWRD, THE CONTRACTOR SHALL IDENTIFY ALL EXISTING SANITARY SEWER MANHOLE COVERS HAVING FOREIGN MATERIALS ATTACHED. FOREIGN MATERIALS SHALL BE REMOVED FROM THE EXISTING MANHOLE COVERS REGARDLESS OF EXISTING OR NEW CONDITIONS. IF BUILD-UP IS TOO HEAVY TO BE REMOVED, THE CONTRACTOR SHALL REPLACE THE MANHOLE FRAME AND COVER AND SALVAGED ITEMS SHALL BE DELIVERED TO PIMA COUNTY CONVEYANCE AT 3355 N. DODGE BLVD., TUCSON, AZ. THE CONTRACTOR SHALL COORDINATE WITH THE PCRWRD INSPECTOR TO SCHEDULE A TIME TO DELIVER THE SALVAGED FRAMES AND COVERS. AFTER THE COMPLETION OF PAVEMENT WORK, THE CONTACTOR SHALL VERIFY THAT ALL SANITARY SEWER MANHOLE COVERS AND PICK HOLES ARE CLEAN AND FREE OF ANY CONSTRUCTION MATERIALS, DEBRIS, AND/OR OBSTRUCTIONS.
- 11. ANY WORK INSIDE OR AROUND AN EXISTING SANITARY SEWER MANHOLE, INCLUDING MANHOLES THAT ARE LOCATED WITHIN THE ROUGH GRADING LIMITS FOR A PROJECT, SHALL BE PROTECTED FROM FALLING DEBRIS BY INSTALLING A TEMPORARY FLOW CHANNEL COVER PER PCRWRD STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, STANDARD DETAIL RWRD-306. THE CONTRACTOR SHALL REMOVE ANY DEBRIS THAT ENTERS A MANHOLE DURING CONSTRUCTION. FAILURE BY THE CONTRACTOR TO PROMPTLY REMOVE DEBRIS FROM A MANHOLE SHALL RESULT IN PCRWRD TAKING CORRECTIVE ACTION THAT WILL THEN BE BILLED TO THE CONTRACTOR.
- 12. PRIOR TO COMMENCING WITH MANHOLE ADJUSTMENT WORK (I.E., REMOVAL OF THE MANHOLE FRAME AND COVER), THE CONTRACTOR SHALL VISUALLY INSPECT THE CONDITION OF THE MANHOLE FRAME, COVER, AND GRADE RINGS TO IDENTIFY ANY SPECIAL COATINGS, LININGS OR OTHER CONDITIONS THAT MAY REQUIRE ADDITIONAL WORK AND INSPECTION BY PCRWRD. IF SUCH CONDITIONS ARE IDENTIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY FIELD ENGINEERING AT (520) 724-2651 FOR FURTHER DIRECTION.

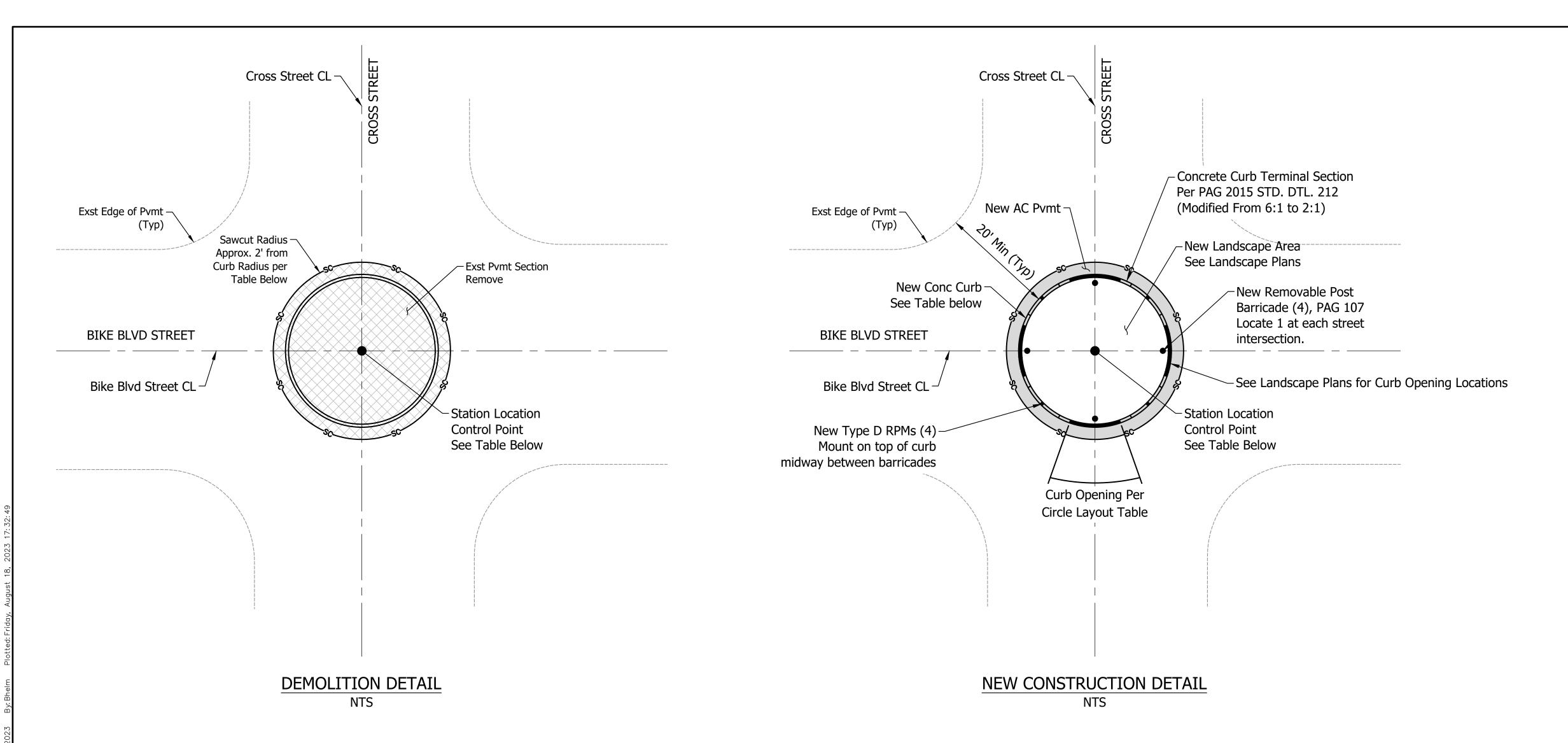
### TUCSON WATER GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, PRESERVING AND PROTECTING ALL WATER FACILITIES DURING THE COURSE OF PERFORMING THE WORK ASSOCIATED WITH THIS PROJECT. THE LOCATION OF TUCSON WATER FACILITIES SHOWN ON THE PLANS ARE REPRESENTATIVE ONLY AND MAY NOT REFLECT THE ACTUAL LOCATION OF FACILITIES. TUCSON WATER RECOMMENDS POTHOLING TO CONFIRM EXACT LOCATION OF FACILITIES.
- 2. DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, ANY DAMAGE TO WATER FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE. IN THE EVENT OF ANY DAMAGE TO TUCSON WATER FACILITIES THE CONTRACTOR SHALL NOTIFY TUCSON WATER IMMEDIATELY AT 520-791-4133.
- 3. THE CONTRACTOR SHALL CONTACT TUCSON WATER AT 520-791-4133 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORKING IN THE VICINITY OF WATER MAINS 16" AND LARGER.
- 4. ALL CONSTRUCTION OPERATIONS SHALL MAINTAIN A MINIMUM OF TWO FEET (2') VERTICAL DISTANCE SEPARATION AND FIVE FEET (5') HORIZONTAL DISTANCE SEPARATION FROM ALL TUCSON WATER MAINS.
- 5. ALL CONSTRUCTION OPERATIONS SHALL MAINTAIN A MINIMUM OF FIVE FEET (5') HORIZONTAL DISTANCE SEPARATION BETWEEN EXISTING WATER MAINS AND FOUNDATIONS FOR TRAFFIC SIGNAL POLES AND SIGN POSTS.
- 6. PLEASE CONTACT TUCSON WATER CONSTRUCTION AT 520-791-2665 PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS TO COORDINATE ADJUSTMENT OF ANY TUCSON WATER VALVE BOX AND/OR WATER METER BOX.
- 7. PLEASE NOTE THE FOLLOWING CONTACT INFORMATION FOR UNFORESEEN IMPACTS TO TUCSON WATER FACILITIES DURING CONSTRUCTION. IF TUCSON WATER FACILITIES ARE DAMAGED DURING CONSTRUCTION, CONTACT TUCSON WATER'S EMERGENCY NUMBER IMMEDIATELY AT 520-791-4133. IF POTENTIAL CONFLICTS ARE DISCOVERED IN THE COURSE OF CONSTRUCTION THAT DO NOT REQUIRE EMERGENCY REPAIR, PLEASE CONTACT TUCSON WATER DISTRIBUTION DESIGN PROMPTLY AT 520-837-2127 AND SUBMIT PLANS FOR REVIEW.

NT02 of NT02

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

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Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY	BBB 20 23 CHKD. BY CCC	20 23	PLAN NO U-2022-006	5



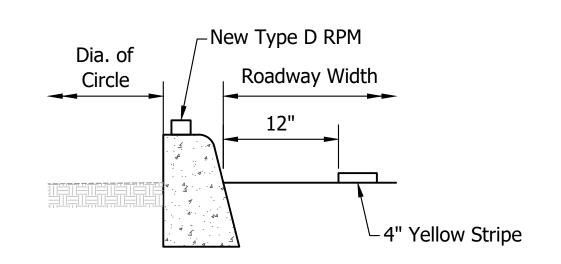
	TRAFFIC CIRCLES													
TC ##	Bike Blvd Street	Cross Street	Station	Offset (FT)	Northing	Easting	Diameter <sup>A</sup> (FT)	Curb Type <sup>B</sup>	Curb <sup>C</sup> Length (LF)	MH ID # <sup>D</sup>	Survey <sup>E</sup> Monument	Curb <sup>F</sup> Opening (LF)		
01	10th Ave	Adams St	146+72	1' Rt	452514.9	991172.0	20	Type 2	66	8154-14	1	32		
02	9th Ave	Lester St	162+87	0' Rt	453705.7	991628.1	20	Type 2	66	N/A	1	32		
03	9th Ave	Ventura St	170+76	0' Rt	454494.3	991615.2	20	Type 2	50	9471-04	0	32		
04	Castro Ave	Alturas St	195+22	0' Rt	456742.0	991383.9	20	Type 2	50	9167-01	1	32		
05	Castro Ave	Laguna St	221+63	0' Rt	459381.9	991342.1	20	Type 2	50	9444-18	1	32		
06	9th St	First Ave	414+17	11' Rt	446473.4	995533.5	20	Type 2	66	8808-112	2	32		
07 <sup>G</sup>	9th St	Park Ave	428+56	4' Rt	446489.9	996965.3	21	Type 2	60	9907-15	1	32		
08	9th St	Norris Ave	472+05	4' Rt	446581.6	1001275.5	18	Type 2	44	9907-168	1	32		

- A. The diameter of the circle is measured from back of curb to back of curb and should be adjusted to maintain a 22' minimum spacing to curb return.
- B. Refer to PAG Std Dtl 209.
- C. Curb length includes terminal curb section.
- D. Manhole present within traffic circle. All manholes within traffic circles to be grade adjusted per Std Dtl RWRD 304 or 305. New concrete collar shall be per Std Dtl RWRD 212.
- E. Existing survey monument if present within traffic circle. See Note 4.
- F. Curb opening length is total length of header curb.
- G. See Detail A1 on Sheet DT02 for additional layout details.



### Remove Exst Pvmt

New AC Pvmt Patch per PAG 216, Type 2. AC shall be PAG Mix No. 2 (Terminal Mix).



VERTICAL CURB DETAIL NTS

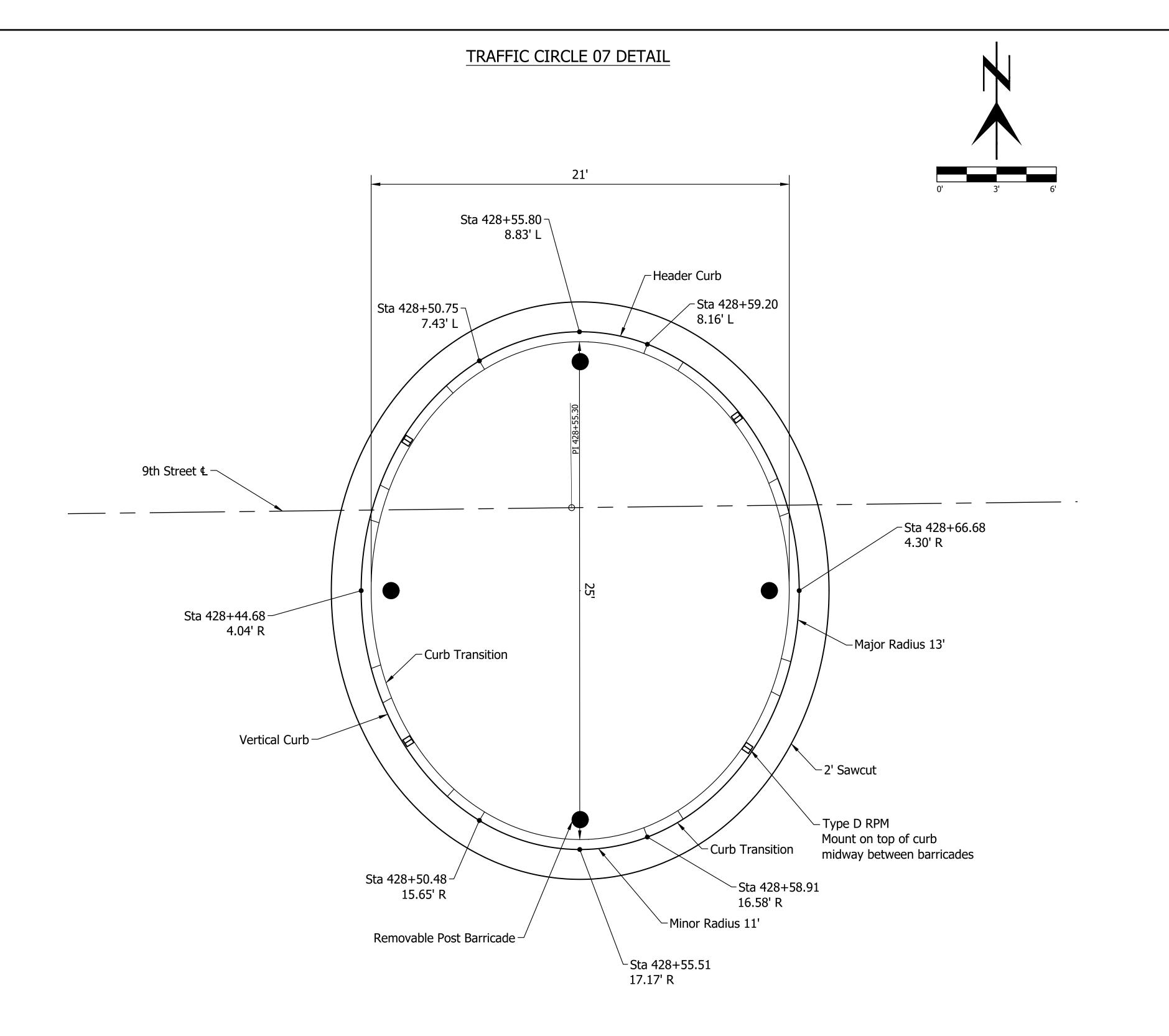
### Notes

- 1. For traffic circle construction method and additional information, see COT Standard Detail No. 110 M-2021-001.
- 2. If present within a traffic circle, manholes shall be reset at the same grade as that of pre-construction, existing pavement grade. A round concrete collar shall be Installed per PCRWRD Detail 212. Grading within the traffic circle shall match the concrete collar installation. Resetting of manholes and construction of concrete collars will be paid for under Item 5090110, Sewer Manhole Adjustment.
- 3. Existing water valve boxes, if present, shall be adjusted to final grade per Tucson Water SD-300. Valve box adjustments will be paid under Item 5105101, Potable Water, Adjust Valve Box and Cover.
- 4. The contractor shall protect in place the existing survey monument(s) if present. If monument present, grade 5:1 slopes around concrete foundation. All work regarding survey monuments shall be directed and approved by the Engineer and a City of Tucson Surveyor is present to guide the work. Survey monuments to be reset with frame and cover per PAG 2015 Std. Dtl. 103, sheet 2 of 3 if destroyed or disturbed. Any work necessary to protect in place or adjust the survey monuments will be paid for under Item 9090002, Survey Monument.
- 5. Removal of existing pavement will be paid for under Item 2020029 Removal of Bituminous Pavement. Sawcutting will be considered incidental to the removal cost.
- 6. New vertical curb will be paid for under Item 9080005, Concrete Vertical Curb Type 2 Curb.
- 7. New AC Pvmt will be paid for under Item 406008, Asphaltic Concrete (Miscellaneous Paving).
- 8. See sheet SG04 for traffic circle signing information
- 9. New removable post barricades will be paid for under Item 9540011, Removable Post Barricade (Std Dtl 107).
- 10. New header curb will be paid for under Item 9080105, Concrete Header Curb.
- 11. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.



DT01 of DT09

212.								DEPARTMENT OF	TRANSPORTATIO	N/EN	IGINEERING DIVISION	N
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Contact Arizona 811 at least two full working days before you begin excavation							NOT FOR				TRANSPORTATION DIRECTOR	
							CONSTRUCTION				REF SCALE:	
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY BDH 20 23 DSGN. BY BI	DH 20 23 CHKD. BY BDH	20 23	PLAN NO. <u>U-2022-006</u>	



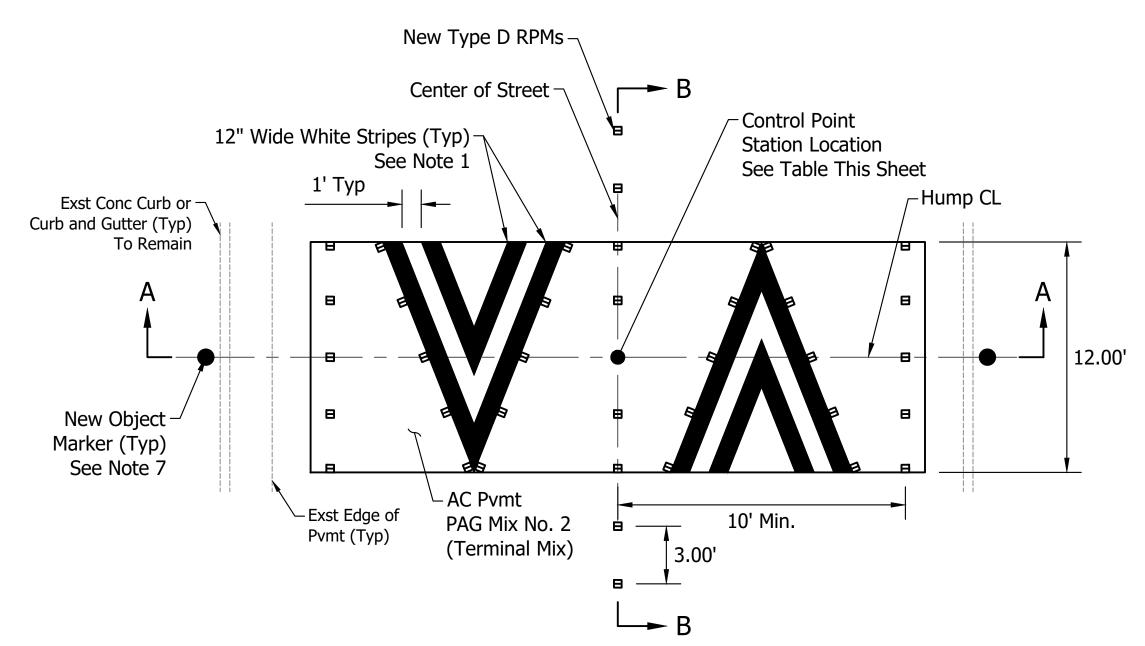
- 1. If present within a traffic circle, manholes shall be reset at the same grade as that of pre-construction, existing pavement grade. A round concrete collar shall be Installed per PCRWRD Detail 212. Grading within the traffic circle shall match the concrete collar installation. Resetting of manholes and construction of concrete collars will be paid for under Item 5090110, Sewer Manhole Adjustment.
- 2. Existing water valve boxes, if present, shall be adjusted to final grade per Tucson Water SD-300. Valve box adjustments will be paid under Item 5105101, Potable Water, Adjust Valve Box and Cover.
- 3. The contractor shall protect in place the existing survey monument(s) if present. If monument present, grade 5:1 slopes around concrete foundation. All work regarding survey monuments shall be directed and approved by the Engineer and a City of Tucson Surveyor is present to guide the work. Survey monuments to be reset with frame and cover per PAG 2015 Std. Dtl. 103, sheet 2 of 3 if destroyed or disturbed. Any work necessary to protect in place or adjust the survey monuments will be paid for under Item 9090002, Survey Monument.
- 1. Removal of existing pavement will be paid for under Item 2020029 Removal of Bituminous Pavement. Sawcutting will be considered incidental to the removal cost.
- 5. New vertical curb will be paid for under Item 9080005, Concrete Vertical Curb Type 2 Curb.
- 6. New AC Pvmt will be paid for under Item 406008, Asphaltic Concrete (Miscellaneous Paving).
- 7. See sheet SG04 for traffic circle signing information
- 8. New removable post barricades will be paid for under Item 9540011, Removable Post Barricade (Std Dtl 107).
- 9. New header curb will be paid for under Item 9080105, Concrete Header Curb.
- 10. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.
- 11. The contractor shall maintain a 20' minimum distance from traffic circle front of curb to existing edge of pavement (See New Construction Detail on Sheet DT01).
- 12. The contractor shall maintain a 10' minimum distance from traffic circle front of curb to any existing marked crosswalk.



Traffic Circle
9th Street & Park Ave
Sheet 2 of 2

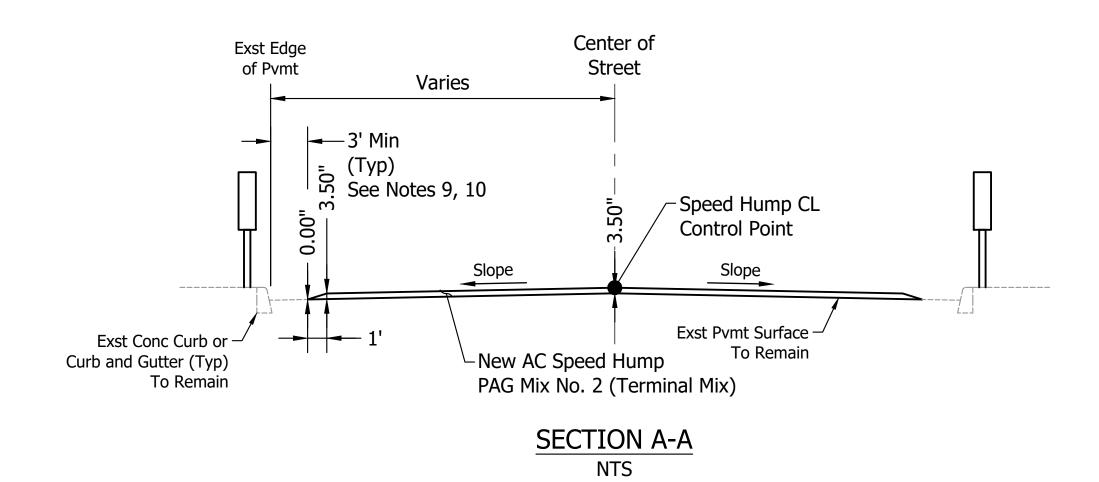
of 2 DT02 of DT09

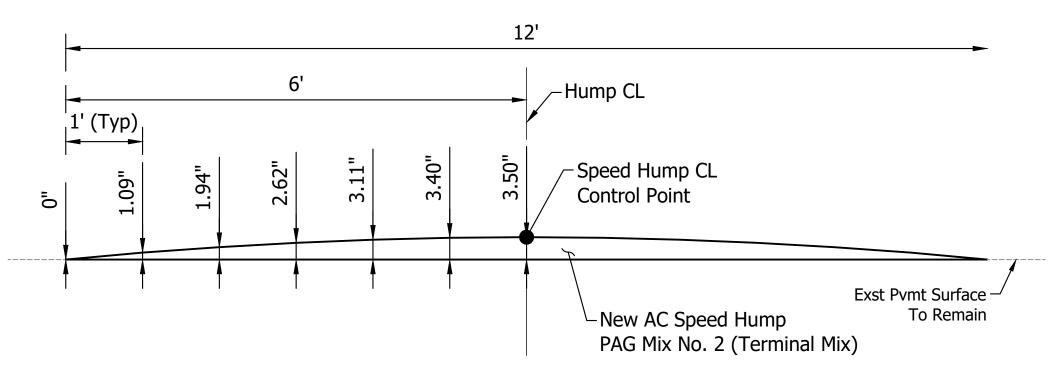
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS CITY OF TUCSON SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE \*\*EXECUTE: 105 | CONGRESS STREET, SUITE 705 | TUCSON, AZ 85701 | P 520.544.4067 | F 520.544.9616 CIVIL DETAIL SHEETS PRELIMINARY SIGNATORY APPROVALS 90% **REVIEW** TRANSPORTATION DIRECTOR NOT FOR CONSTRUCTION \_\_\_ SCALE: \_\_\_\_1"=3' AR ZONASII.
Call 811 or click Arizona811. OR RECORDING DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. BY <u>BDH</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO. U-2022-006 REVISION DESCRIPTION



TYPE 1 - NORMAL CROWN OR MEDIAN DIVIDED STREET

NTS





SECTION B-B NTS

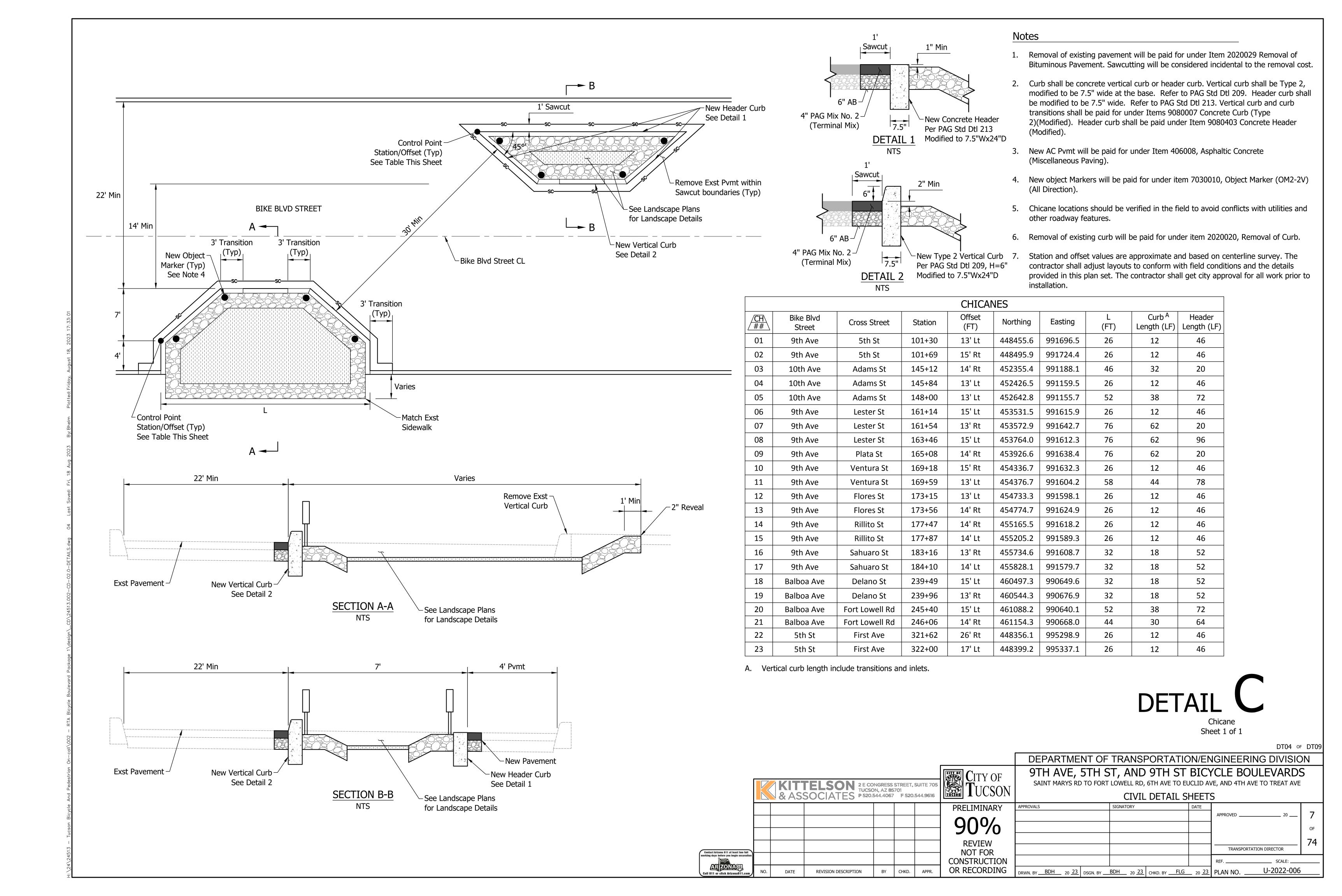
		SF	PEED HUM	PS		
SH ##	Bike Blvd Street	Near Cross Street	Station	Offset (FT)	Northing	Easting
01	9th Ave	4th Street	106+72	0' Rt	448998.0	991701.7
02	University Blvd	10th Ave	112+27	5' Lt	449267.9	991420.7
03	10th Ave	University Blvd	116+41	2' Rt	449484.9	991220.2
04	9th Ave	Sahuaro St	181+08	0' Rt	455526.1	991598.3
05	Castro Ave	Kelso St	205+07	1' Rt	457726.4	991368.7
06	Castro Ave	Glenn St	218+22	0' Rt	459041.7	991347.4
07	Castro Ave	Laguna St	224+15	0' Rt	459633.9	991338.2
08	5th Street	6th Ave	303+38	3' Rt	448351.0	993475.6
09	9th Street	2nd Ave	410+97	12' Rt	446467.5	995214.2
10	9th Street	1st Ave	415+66	0' Rt	446479.0	995676.0
11	9th Street	Tyndall Ave	422+82	4' Rt	446483.1	996391.9
12	9th Street	Campbell Ave	469+45	4' Rt	446577.2	1001015.9

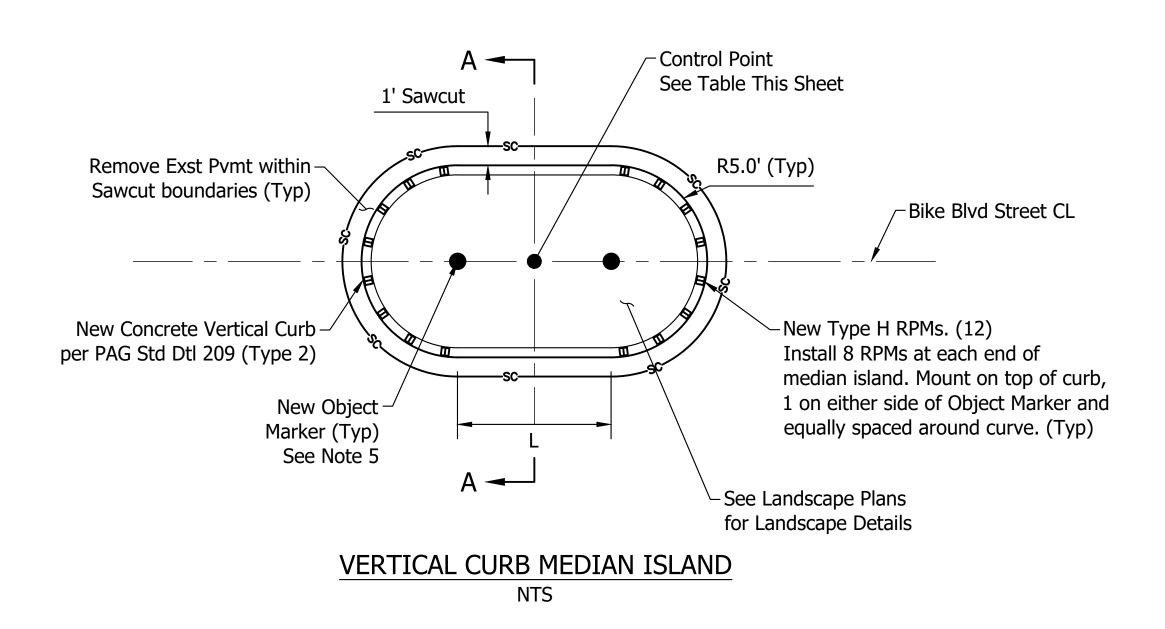
- 1. For additional information, see detail per PC/COT Pavement Marking Design Manual Sheet No. 10.3. RPMs and types shall be located and placed per Sheet No. 10.3.
- 2. The types of speed humps shown in the table below and on the plan sheets my be modified per the direction of the Engineer depending on existing conditions. There will be no pay adjustment for the modification of type installed.
- 3. PAG Mix No. 2 (Terminal Mix) shall be used for asphaltic concrete speed hump(s).
- 4. Speed hump heights are provided as a maximum.
- 5. Center speed hump(s) within the roadway.
- 6. Speed humps will be measured and paid for under Item 4060200, Asphaltic Concrete (Speed Hump), on a per each (EA) basis. Pavement Markings (striping and RPMs) per Std Dtl 5-18-1 shall be considered incidental and included in the cost of the item.
- 7. New Object Markers will be paid for under Item 7030010, Object Marker (OM2-2V) (All Direction).
- 8. Speed hump locations should be verified in the field to avoid conflicts with utilities and other roadway features.
- 9. Where angled parking exists next to a proposed Speed Hump, maintain a minimum 2' gap between the edge of speed hump and the back of the parking stripes.
- 10. Speed Hump 13 shall have a minimum 5' gap between the edge of speed hump and the face of curb.
- 11. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

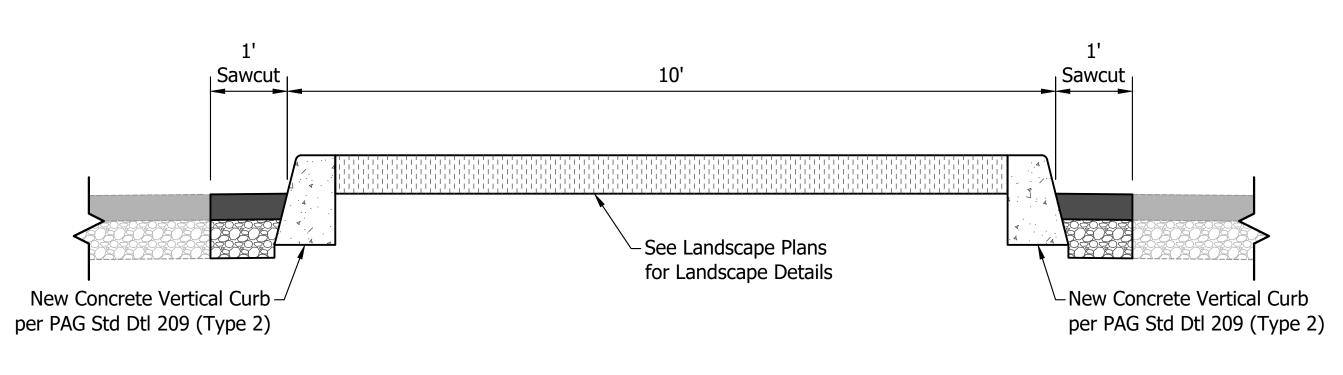


DT03 of DT09

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Contact Arizona 811 at least two full working days before you begin excavation							NOT FOR CONSTRUCTION				RFF. SCALF:	
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. BY <u>BDH</u>	20 <u>23</u> CHKD. BY <u>FLG</u>	20 23		







SECTION A-A

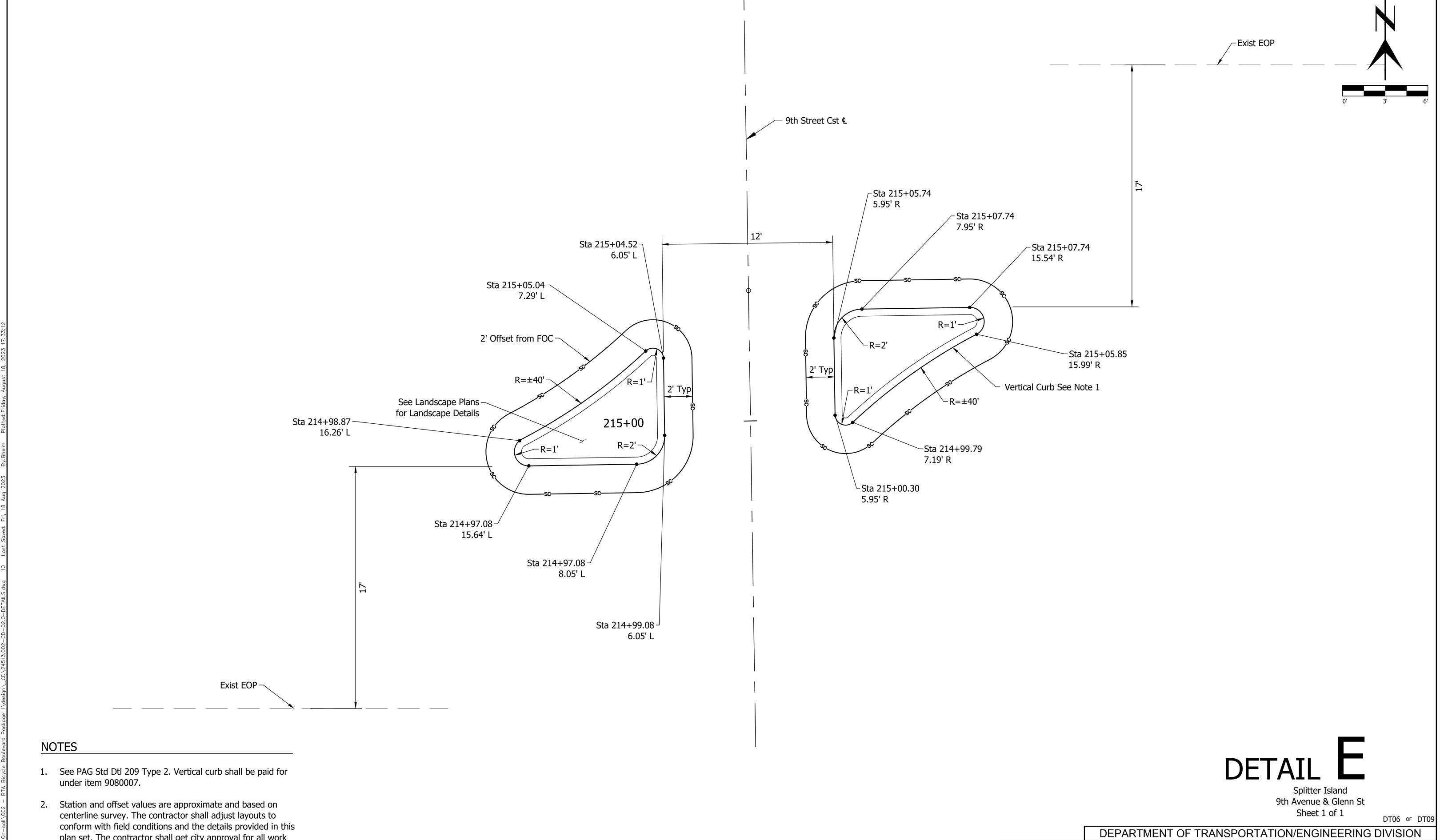
				CENTER	ISLANDS					
CI ##)	Bike Blvd Street	Near Cross Street	Station	Offset (FT)	Northing	Easting	Туре	L (FT)	Curb Length (LF)	Header Length (LF)
1	9th Ave	Lee St	149+62	476' Rt	452812.5	991643.0	-	8	48	N/A
2	5th St	Fourth Ave	307+72	4' Rt	448356.1	993908.7	_	8	48	N/A

- 1. Existing water valve boxes, if present, shall be adjusted to final grade per Tucson Water SD-300. Valve box adjustments will be paid under Item 5105101, Potable Water, Adjust Valve Box and Cover.
- 2. The contractor shall protect in place the existing survey monument(s) if present. If monument present, grade 5:1 slopes around concrete foundation. All work regarding survey monuments shall be directed and approved by the Engineer and a City of Tucson Surveyor is present to guide the work. Any work necessary to protect in place or adjust the survey monuments will be paid for under Item 9090002, Survey Monument.
- 3. Removal of existing pavement will be included in the cost of Item 2020029 Removal of Bituminous Pavement. Sawcutting will be considered incidental to the removal cost.
- 4. New AC Pvmt will be paid for under Item 406008, Asphaltic Concrete (Miscellaneous Paving).
- New object Markers will be paid for under item 7030010, Object Marker (OM2-2V) (All Direction).
- 6. Center Island locations should be verified in the field to avoid conflicts with utilities and other roadway features.
- 7. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.



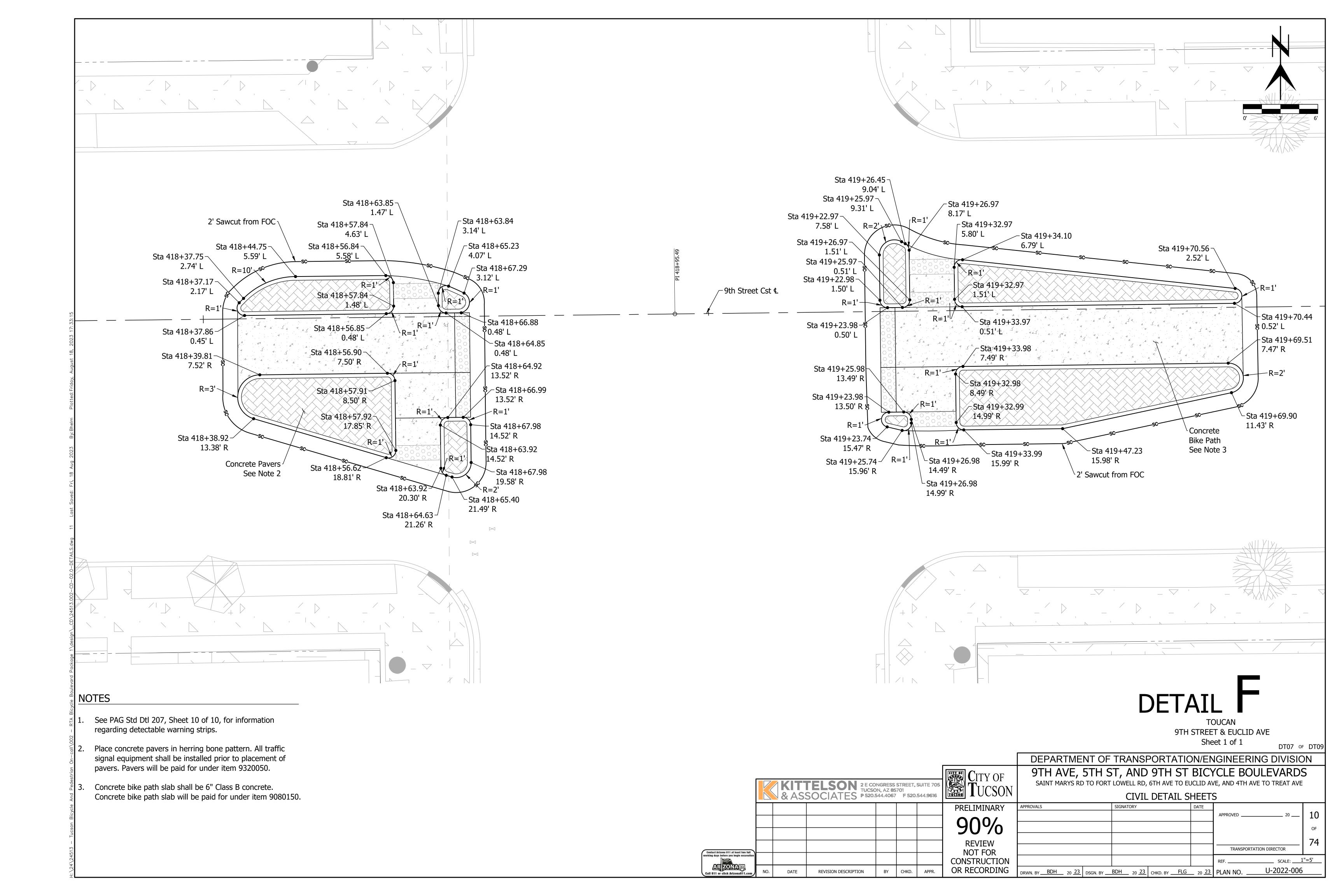
DT05 OF DT09

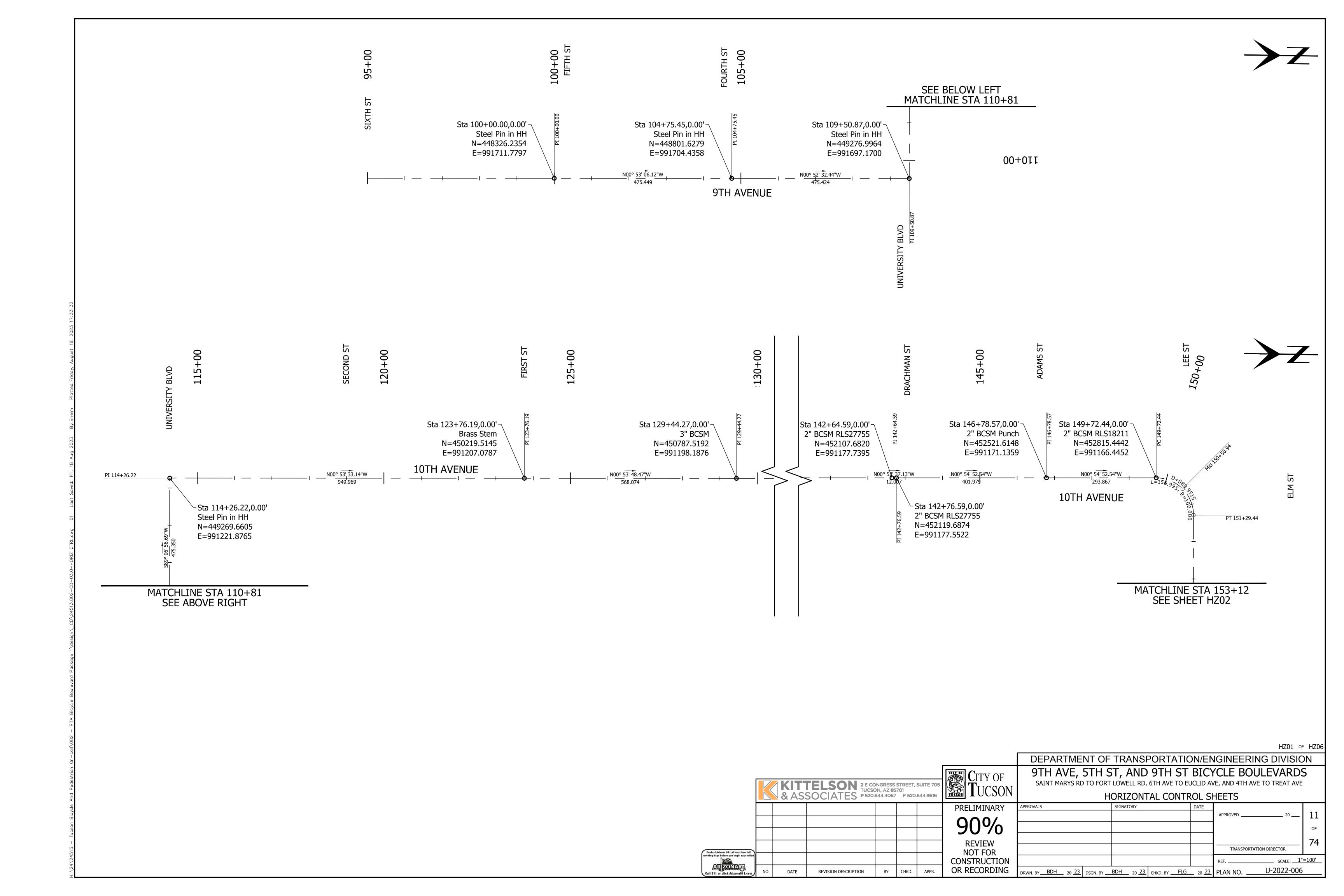
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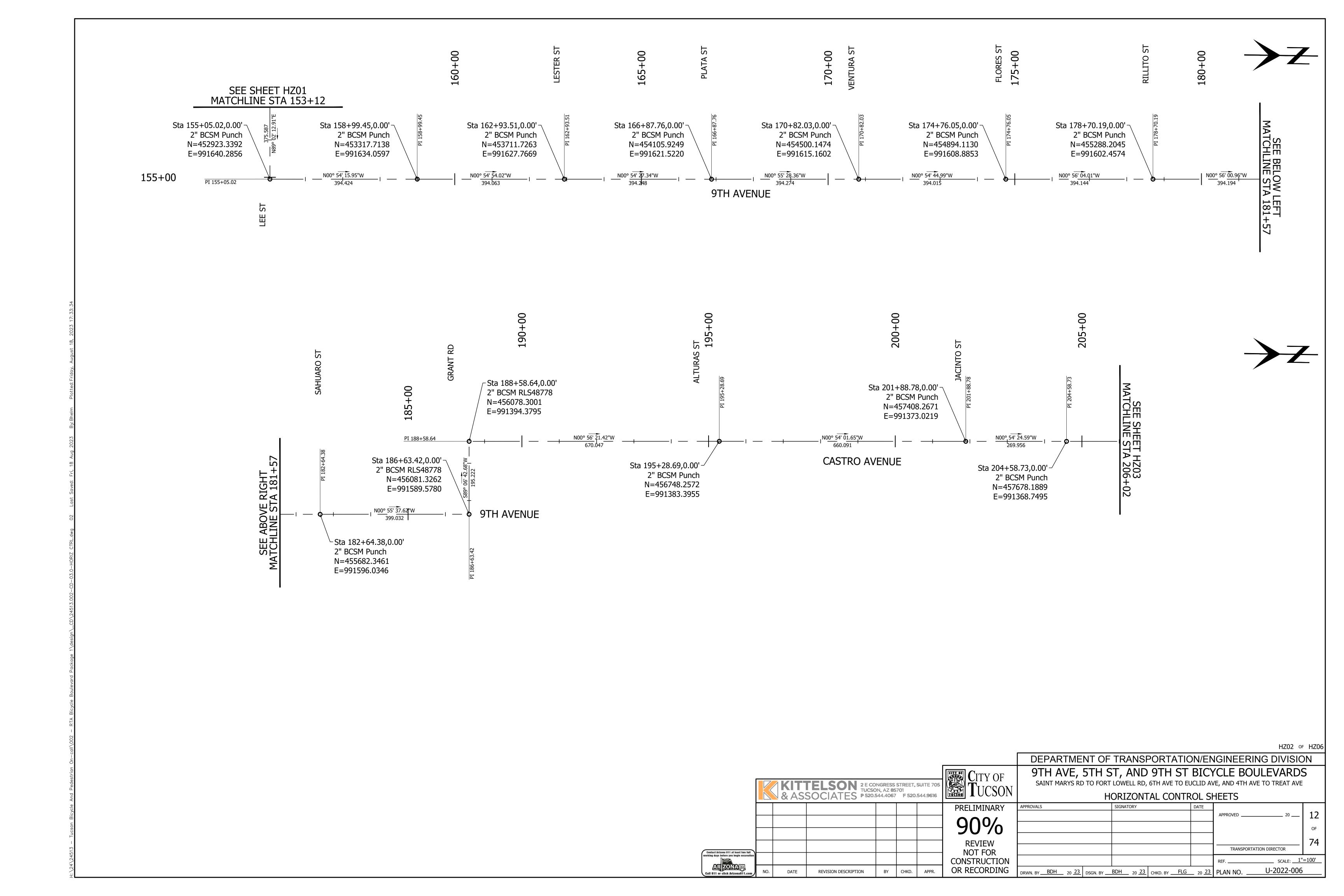


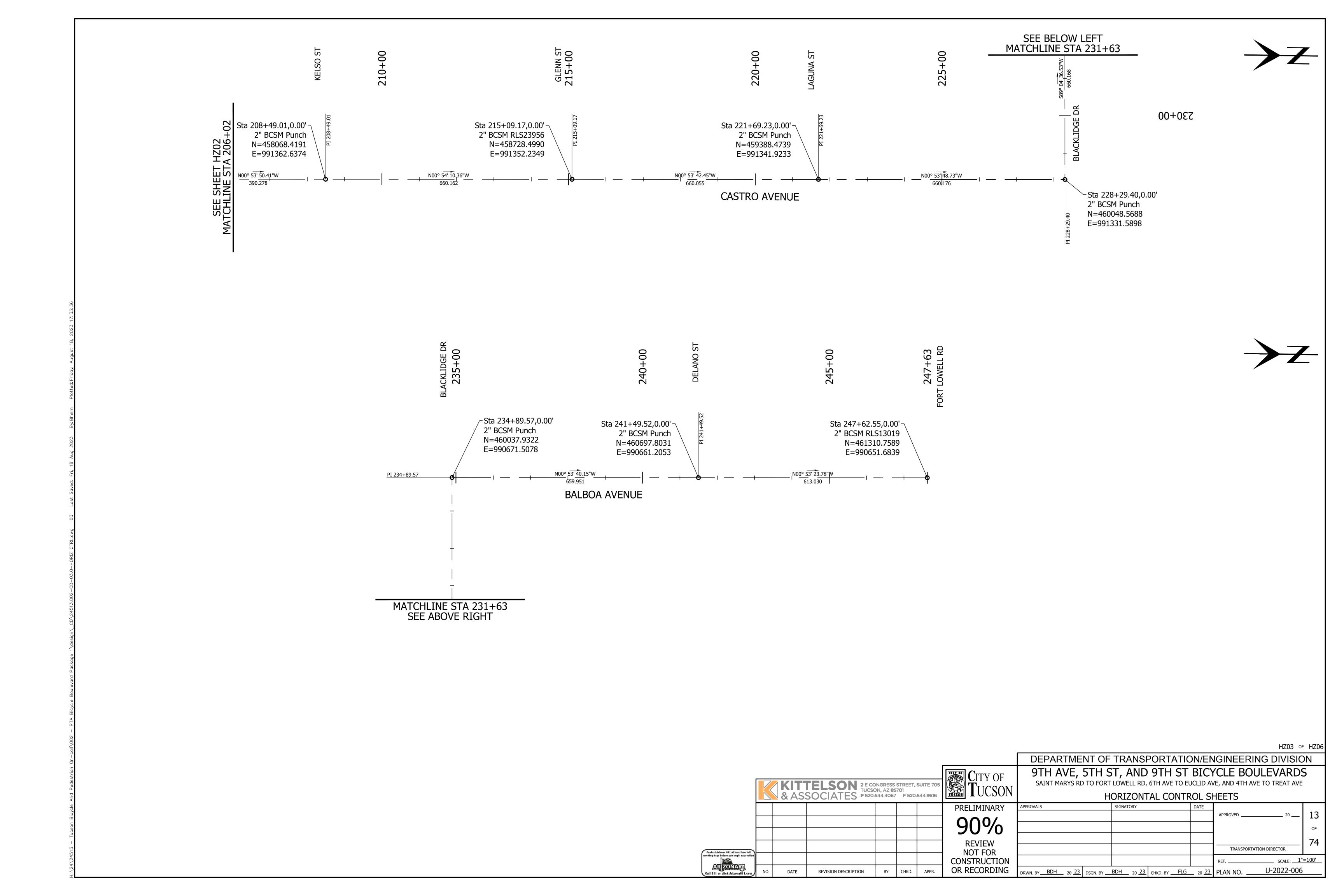
conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

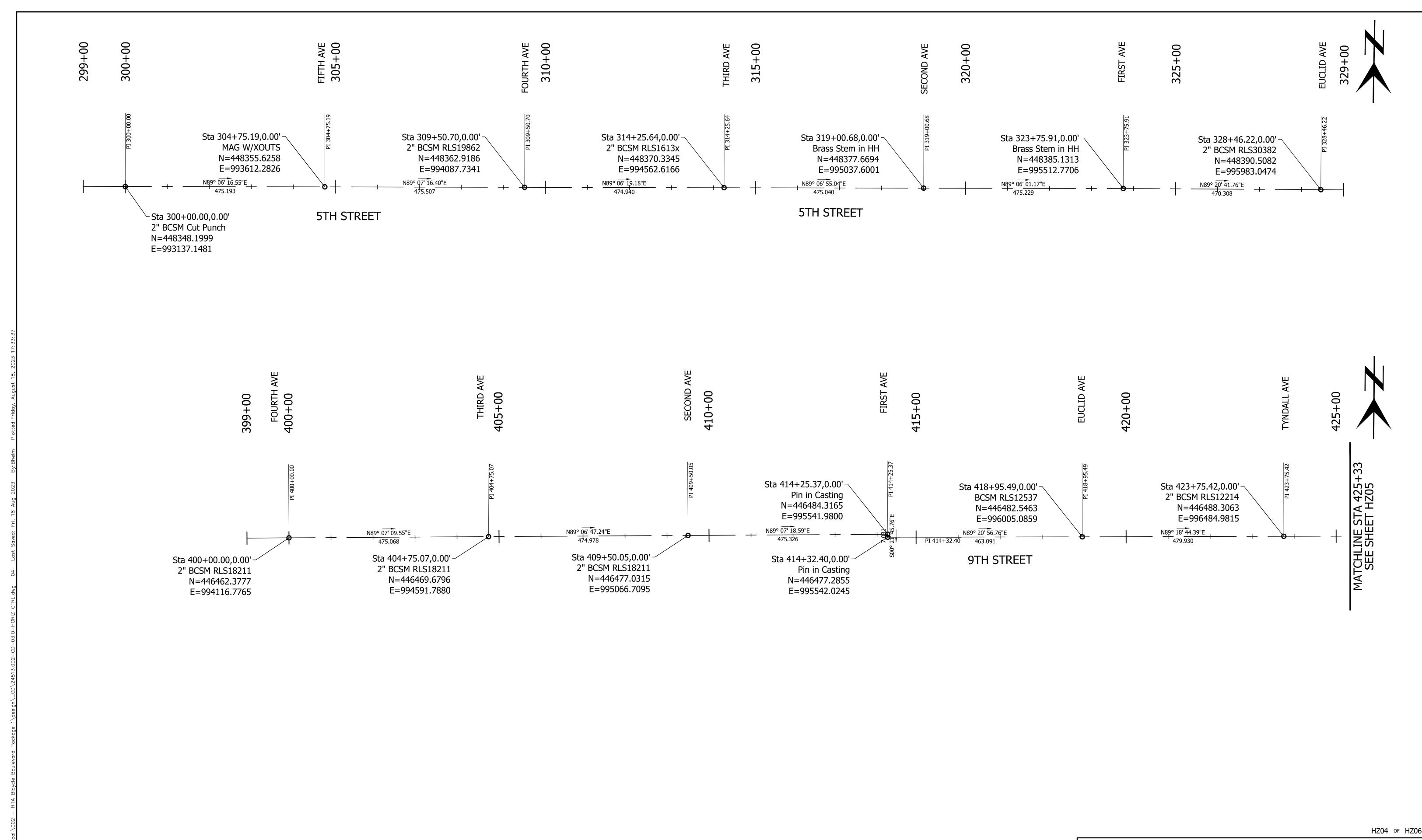
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Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	CONSTRUCTION OR RECORDING	DRWN. BY BDH		BDH 20 23	CHKD. BY FLG	20 23	REF SCALE: PLAN NO U-2022-00	



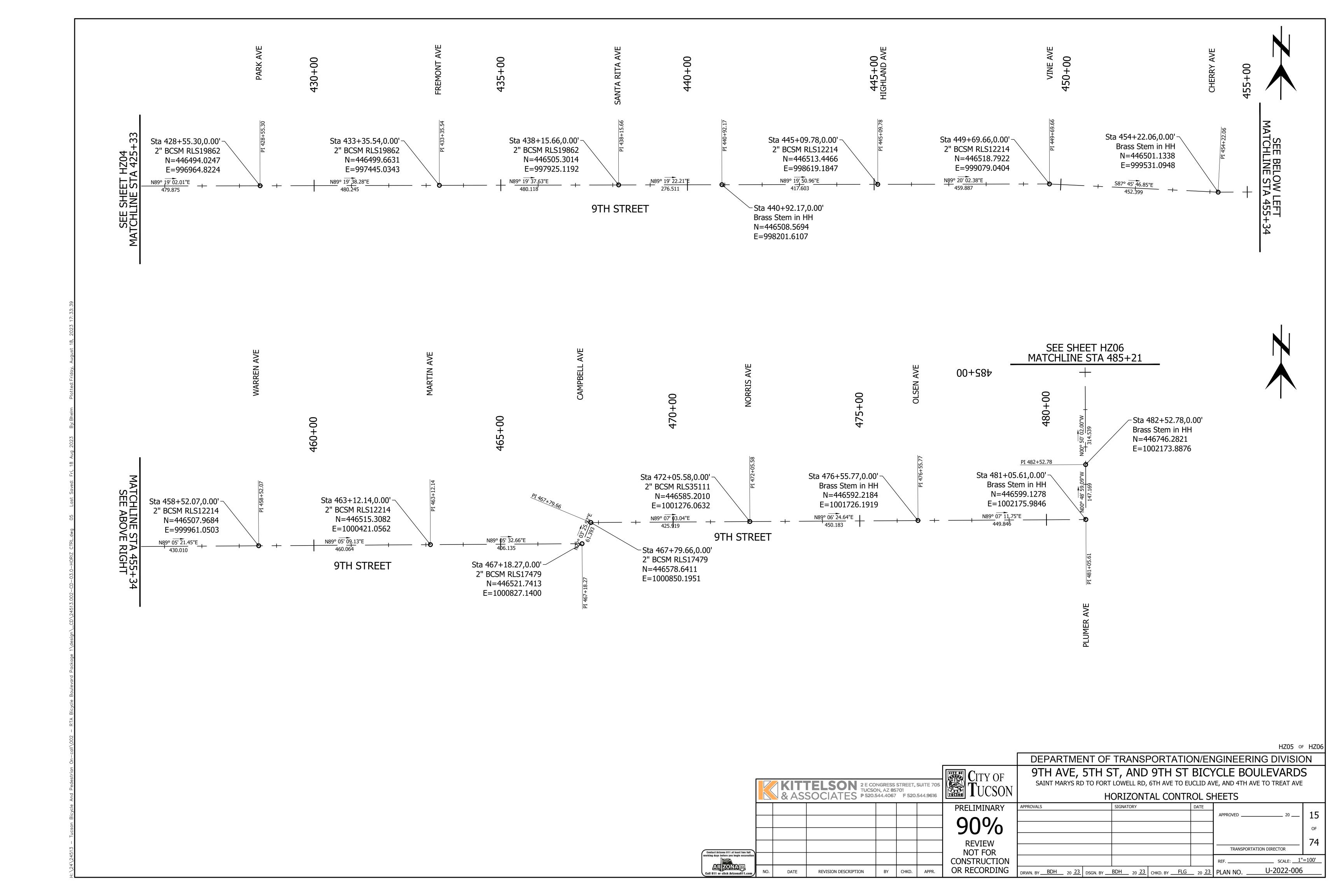


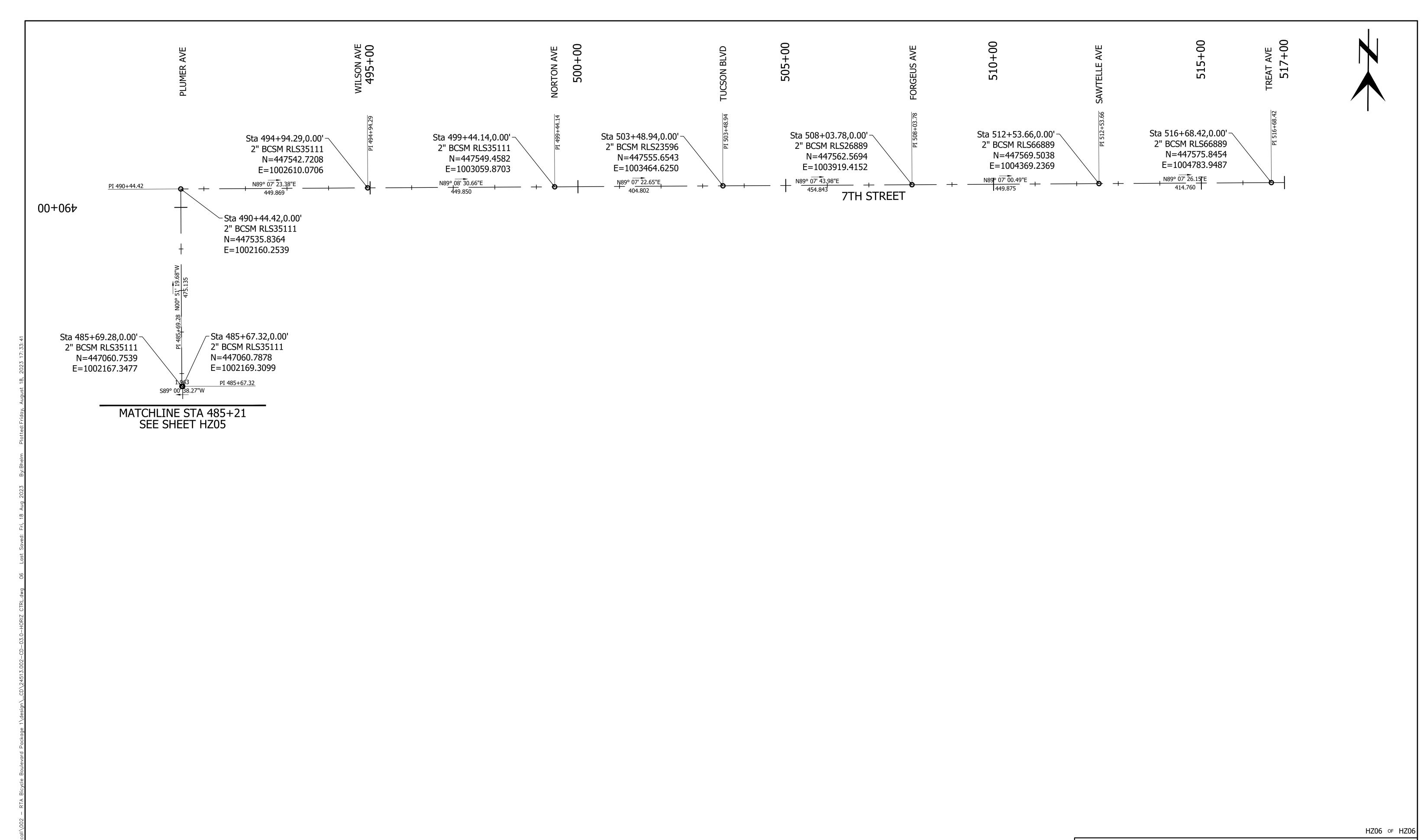






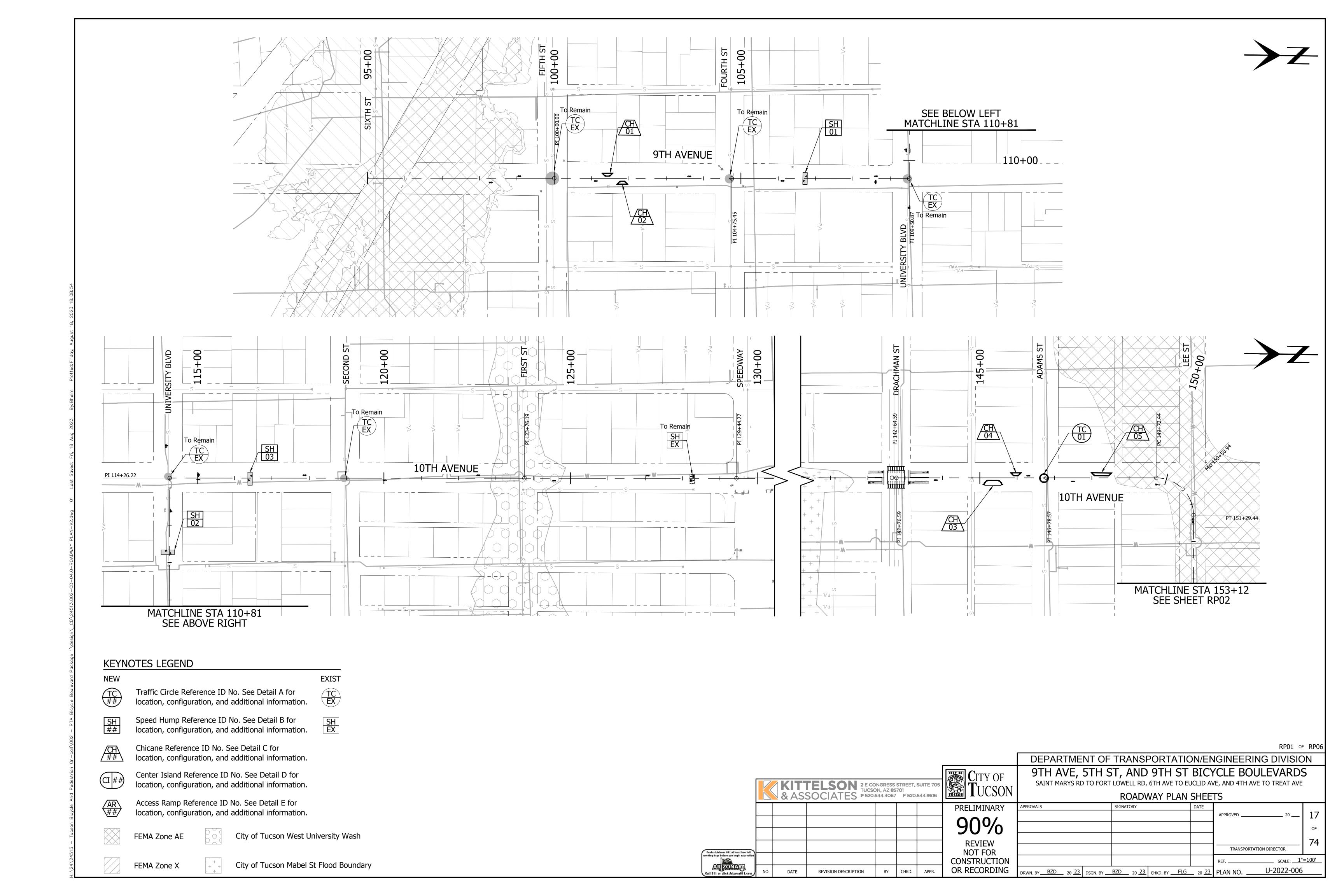
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS CITY OF TUCSON SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE \*\*EXECUTE: 105 | CONGRESS STREET, SUITE 705 | TUCSON, AZ 85701 | P 520.544.4067 | F 520.544.9616 HORIZONTAL CONTROL SHEETS PRELIMINARY SIGNATORY APPROVALS 90% REVIEW NOT FOR TRANSPORTATION DIRECTOR CONSTRUCTION AR ZONASII.
Call 811 or click Arizona811.c \_\_\_\_ SCALE: \_\_\_1"=100' OR RECORDING U-2022-006 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO.

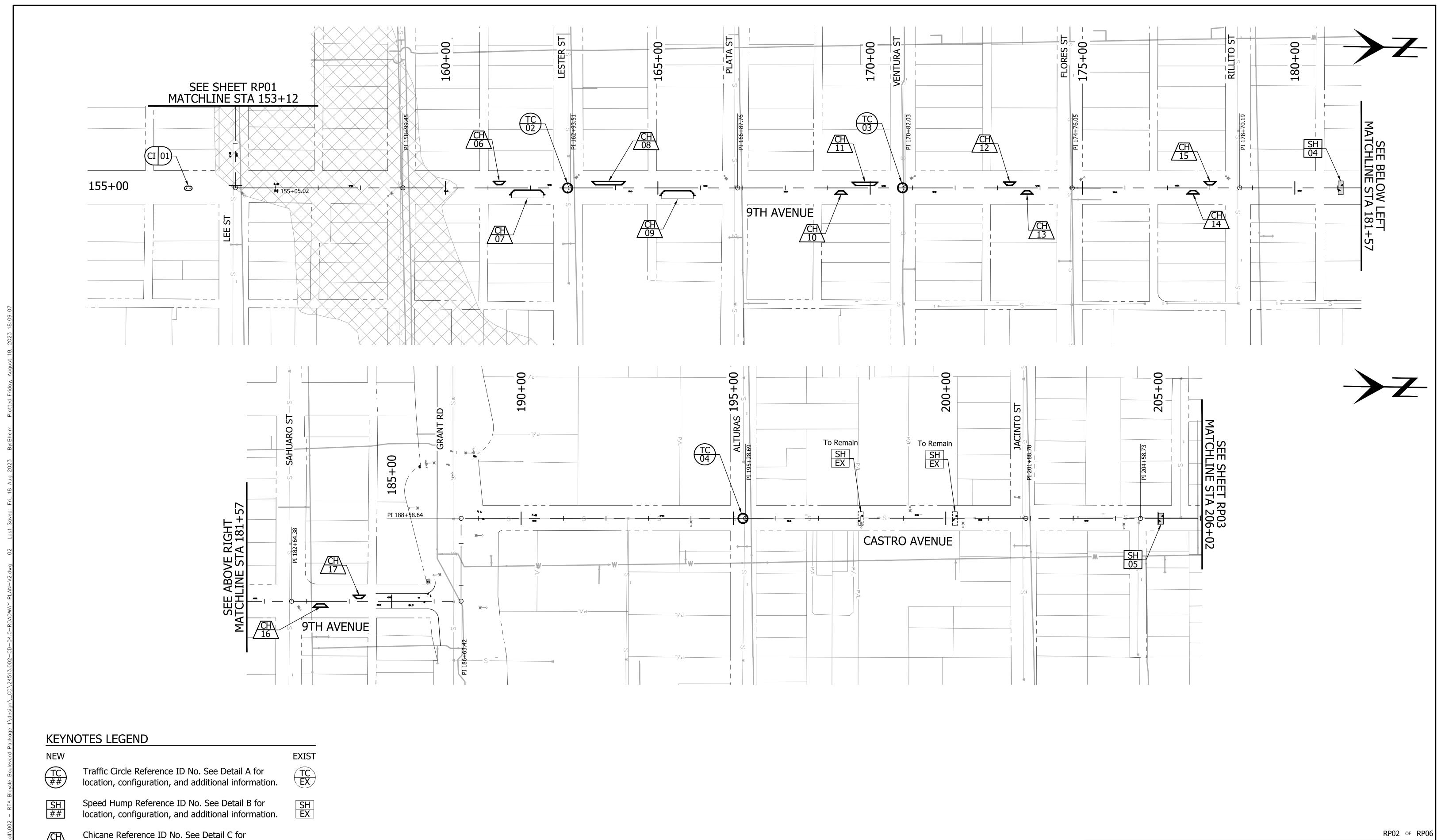


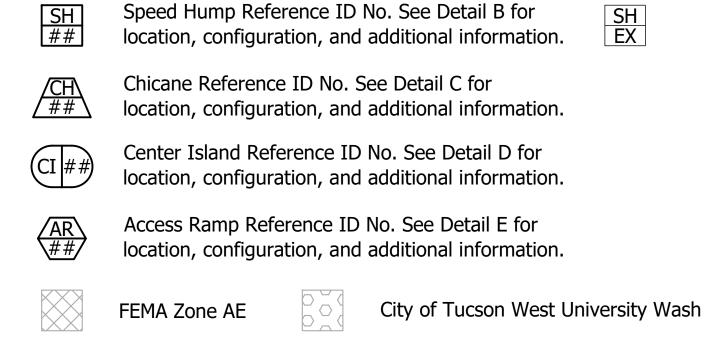


DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION KITTELSON 2 E CONGRESS STREET, SUITE 705
TUCSON, AZ 85701
ASSOCIATES P 520.544.4067 F 520.544.9616

CITY OF
TUCSON 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE HORIZONTAL CONTROL SHEETS PRELIMINARY SIGNATORY REVIEW TRANSPORTATION DIRECTOR NOT FOR Contact Arizona 811 at least two full working days before you begin excavation of the contact that the conta CONSTRUCTION \_\_\_\_ SCALE: \_\_\_1"=100' OR RECORDING U-2022-006 DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. BY <u>BDH</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO.

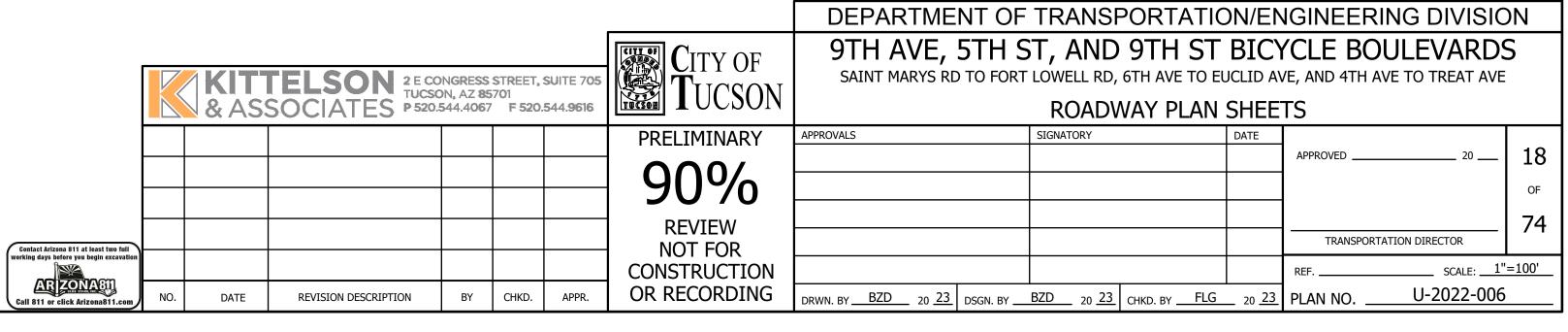


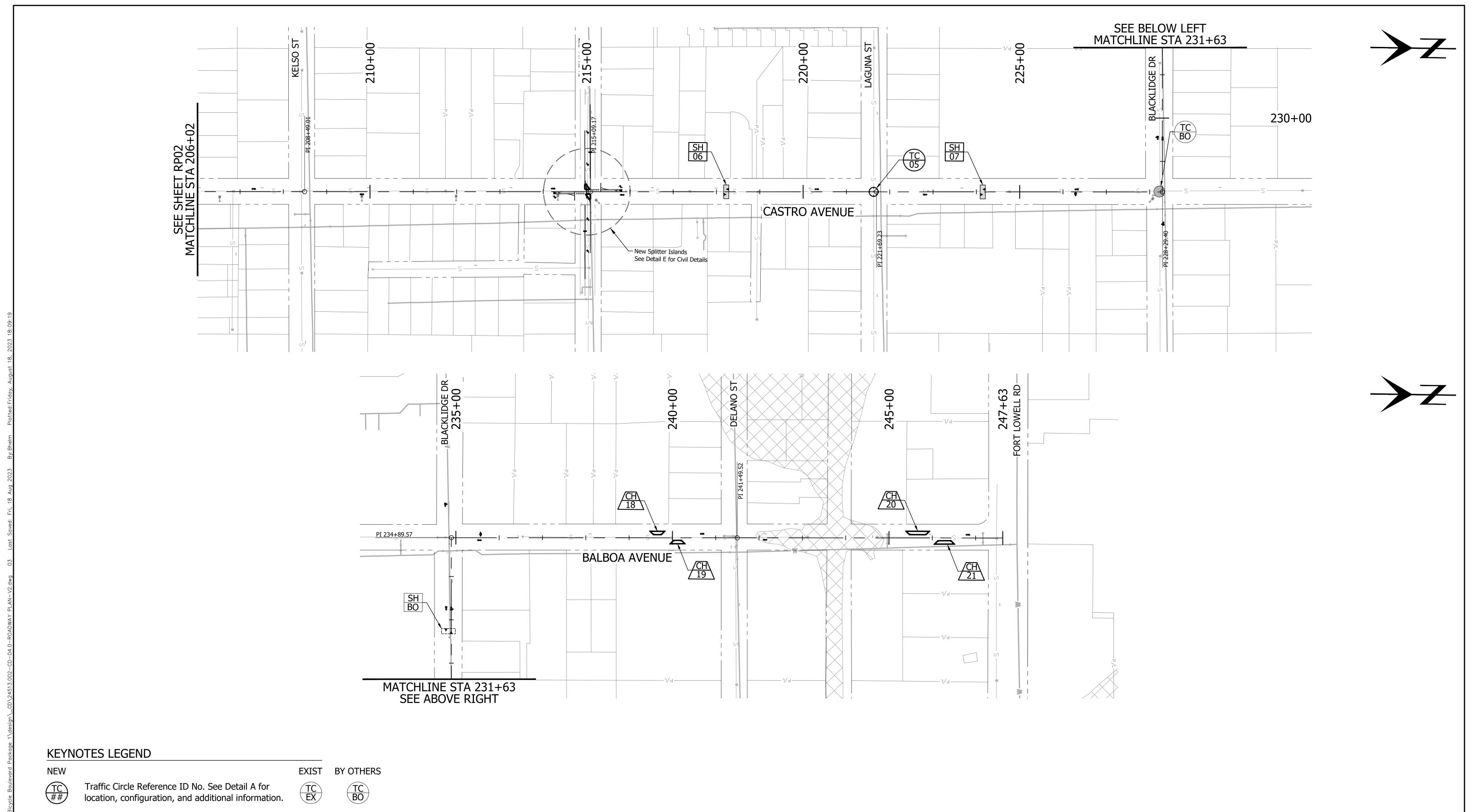




FEMA Zone X

City of Tucson Mabel St Flood Boundary





AR ZONASII.

Speed Hump Reference ID No. See Detail B for location, configuration, and additional information.

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Chicane Reference ID No. See Detail C for location, configuration, and additional information.

Center Island Reference ID No. See Detail D for location, configuration, and additional information.



Access Ramp Reference ID No. See Detail E for location, configuration, and additional information.

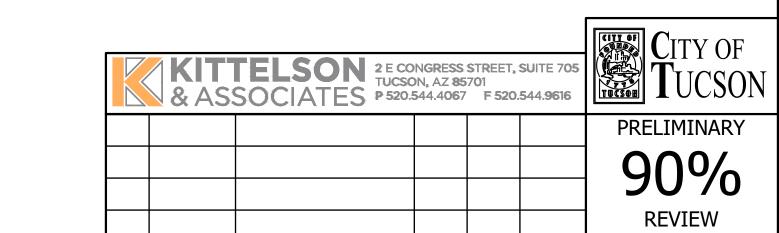




City of Tucson West University Wash

FEMA Zone X

City of Tucson Mabel St Flood Boundary



NOT FOR

CONSTRUCTION

OR RECORDING

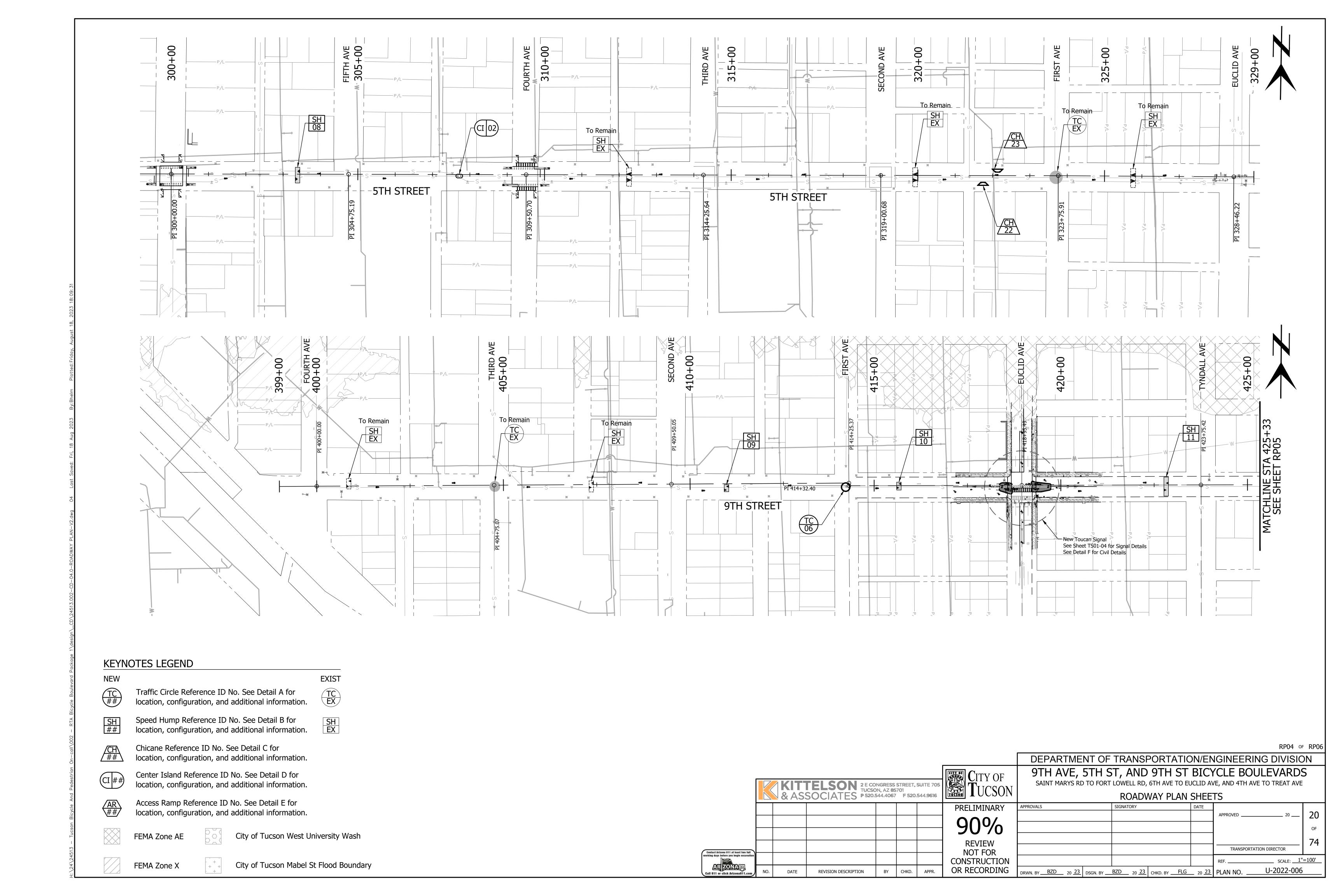
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE **ROADWAY PLAN SHEETS** 

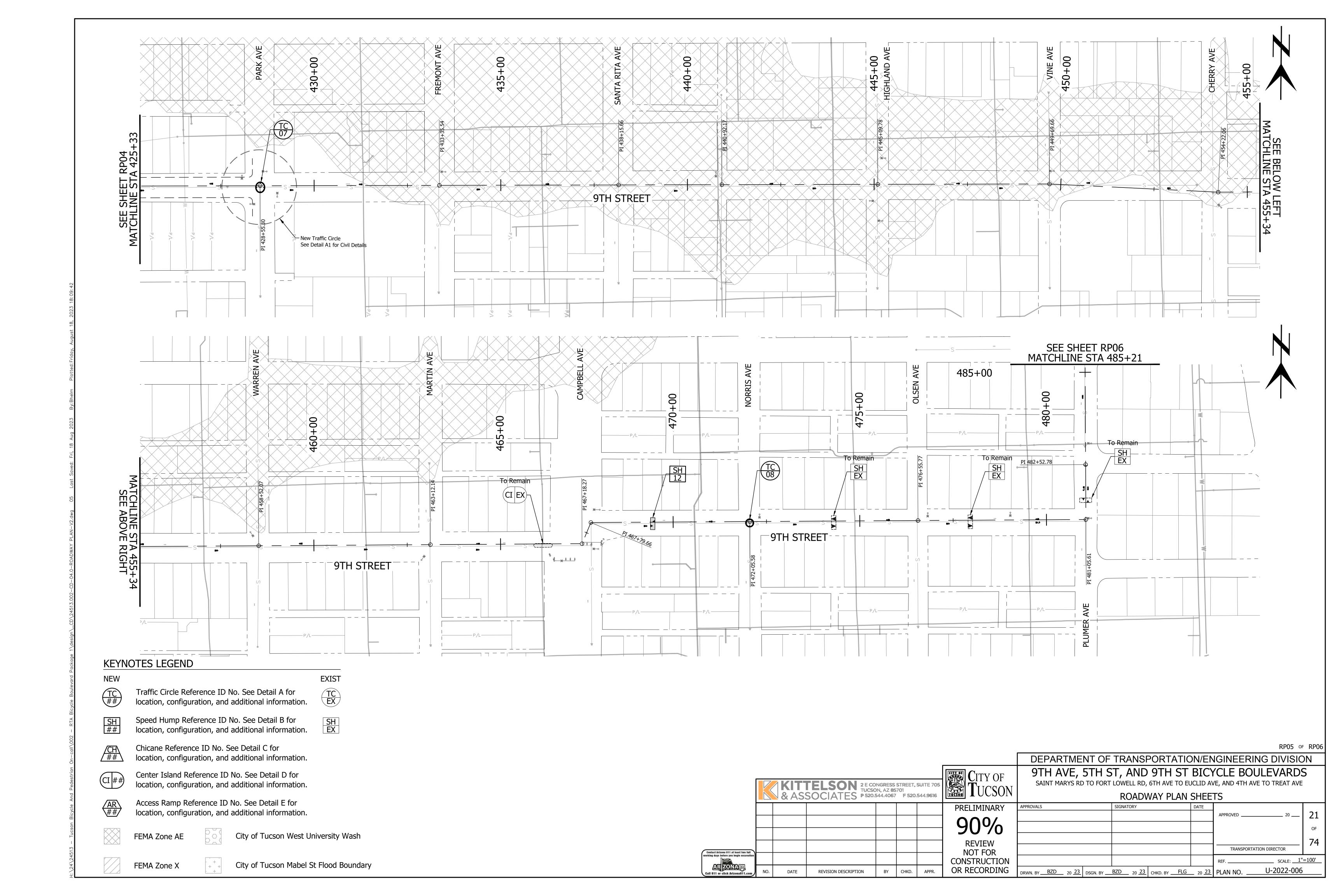
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SIGNATORY

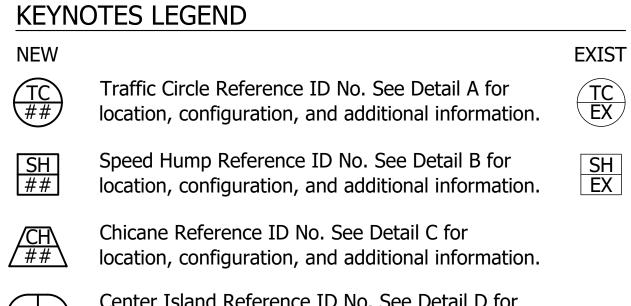
RP03 OF RP06

TRANSPORTATION DIRECTOR \_\_\_\_ SCALE: \_\_\_1"=100' U-2022-006









CI ## Center Island Reference ID No. See Detail D for location, configuration, and additional information.

Access Ramp Reference ID No. See Detail E for location, configuration, and additional information.

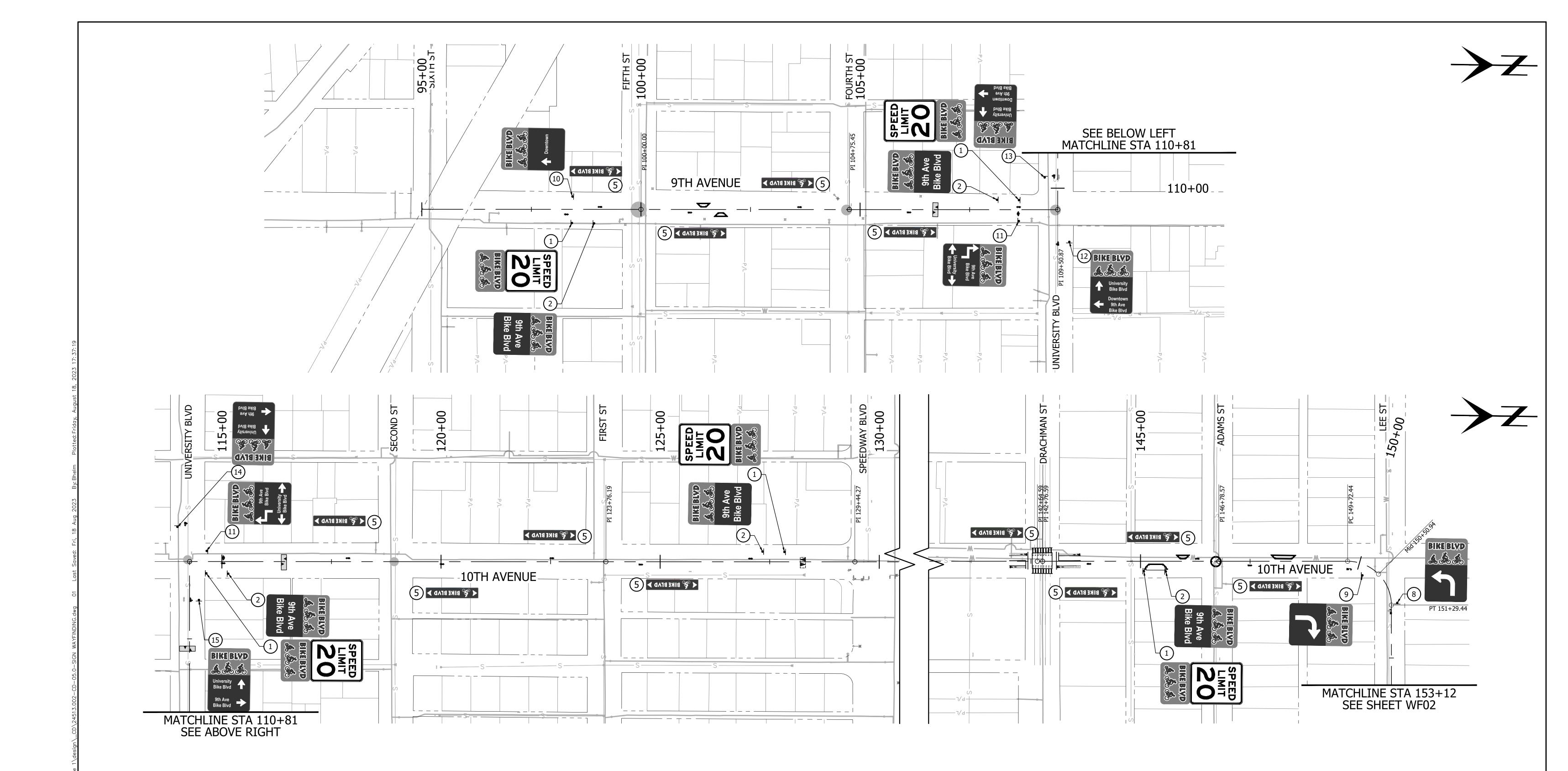
FEMA Zone AE

City of Tucson West University Wash

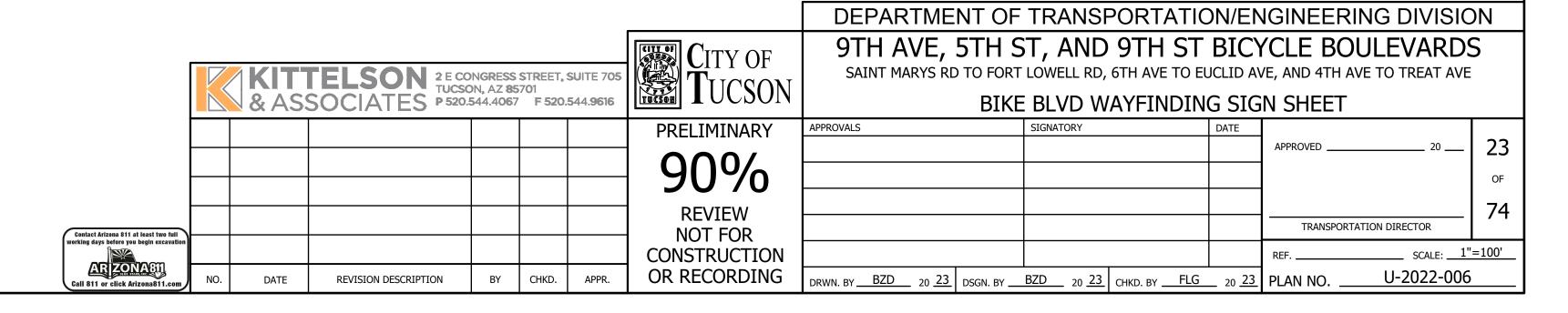
FEMA Zone X City of Tucson Mabel St Flood Boundary

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS CITY OF TUCSON SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE \*\*EXECUTE: 105 | CONGRESS STREET, SUITE 705 | TUCSON, AZ 85701 | P 520.544.4067 | F 520.544.9616 **ROADWAY PLAN SHEETS** PRELIMINARY SIGNATORY REVIEW TRANSPORTATION DIRECTOR NOT FOR Call 811 or click Arizona811 \_\_\_\_ SCALE: \_\_\_1"=100' CONSTRUCTION OR RECORDING U-2022-006 DRWN. BY <u>BZD</u> 20 <u>23</u> DSGN. BY <u>BZD</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO.

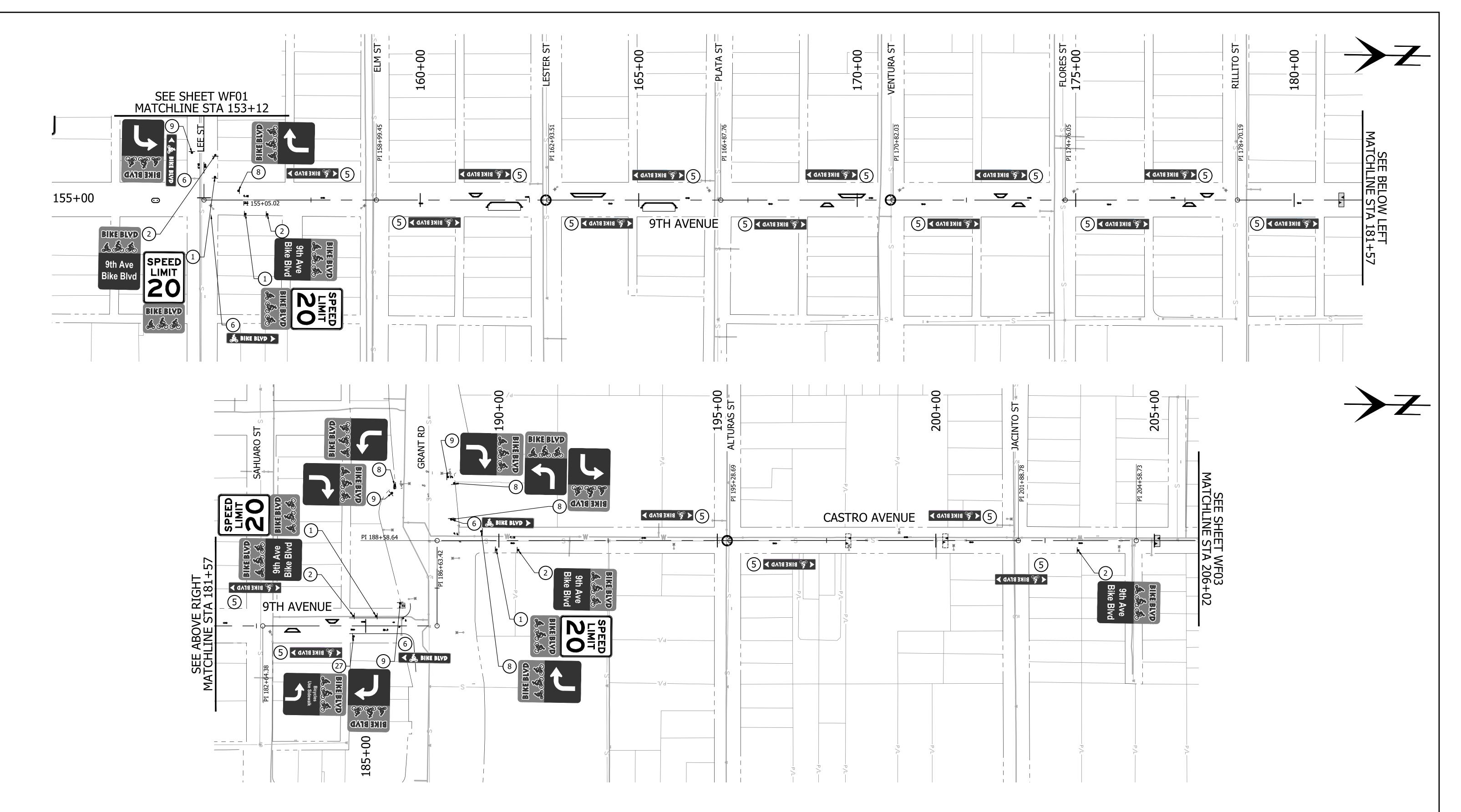
RP06 of RP06



- After locations for wayfinding signs are staked, the contractors shall obtain approval by the Engineer before installing signs. The Engineer shall check sign locations for conflicts with existing structures, utilities, signs, and right-of-way; sign spacing; and distances to and from intersections.
- 2. Bike Blvd signs shall be installed above existing street name signs as noted in the directions of the Bike Blvd street. See SG03 for additional information.
- Wayfinding Sign Number.
  See Sheet SG03 for details and dimensions.



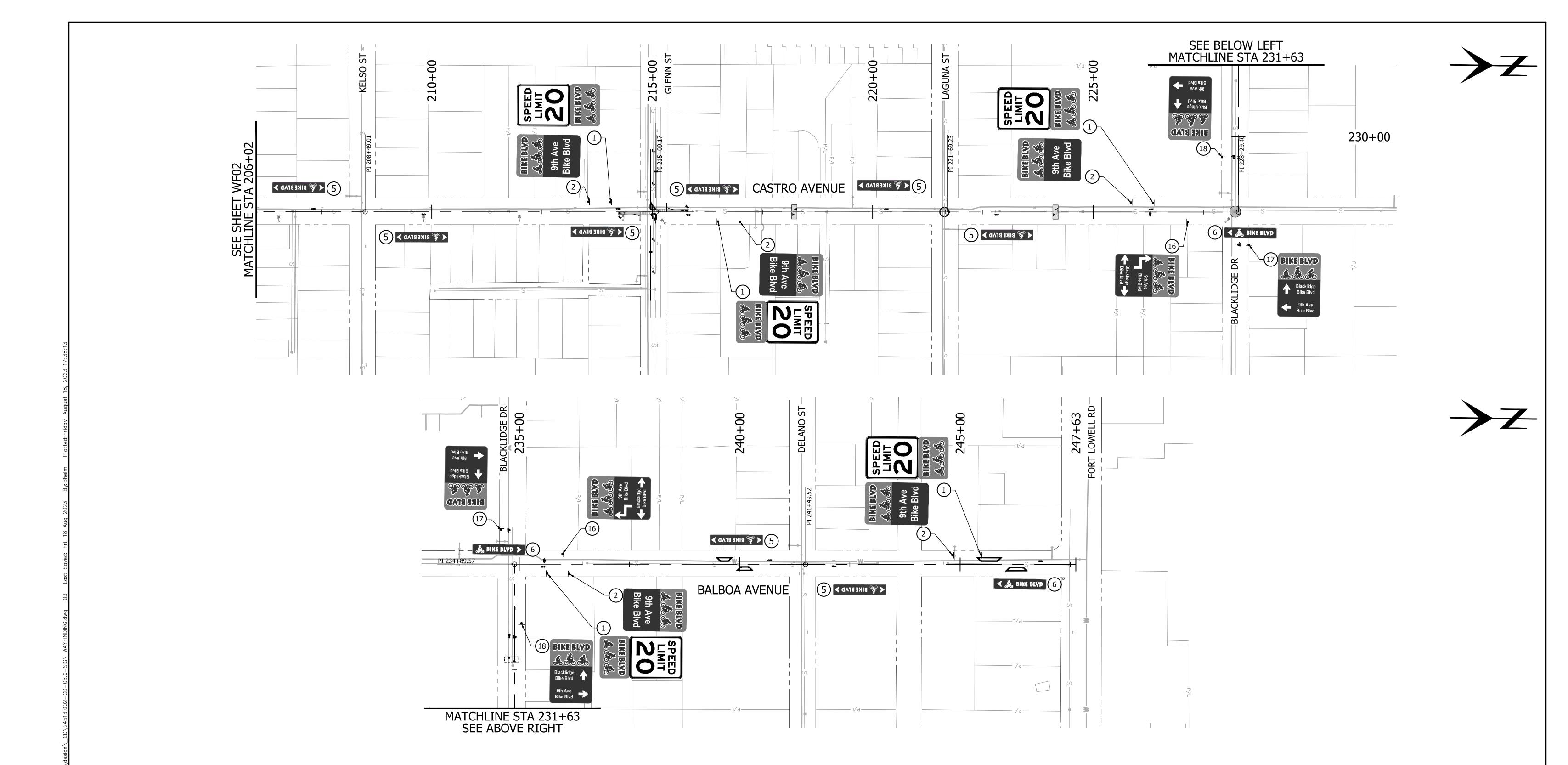
WF01 of WF06



- After locations for wayfinding signs are staked, the contractors shall obtain approval by the Engineer before installing signs. The Engineer shall check sign locations for conflicts with existing structures, utilities, signs, and right-of-way; sign spacing; and distances to and from intersections.
- 2. Bike Blvd signs shall be installed above existing street name signs as noted in the directions of the Bike Blvd street. See SG03 for additional information.
- Wayfinding Sign Number.
  See Sheet SG03 for details and dimensions.

### DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE CITY OF TUCSON \*\*EXECUTION 1 STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616 BIKE BLVD WAYFINDING SIGN SHEET PRELIMINARY SIGNATORY APPROVALS 90% REVIEW NOT FOR TRANSPORTATION DIRECTOR AR ZONA811 Call 811 or click Arizona811 CONSTRUCTION \_\_\_ SCALE: \_\_\_1"=100' OR RECORDING U-2022-006 DRWN. BY <u>BZD</u> 20 <u>23</u> DSGN. BY <u>BZD</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO. \_

WF02 of WF06



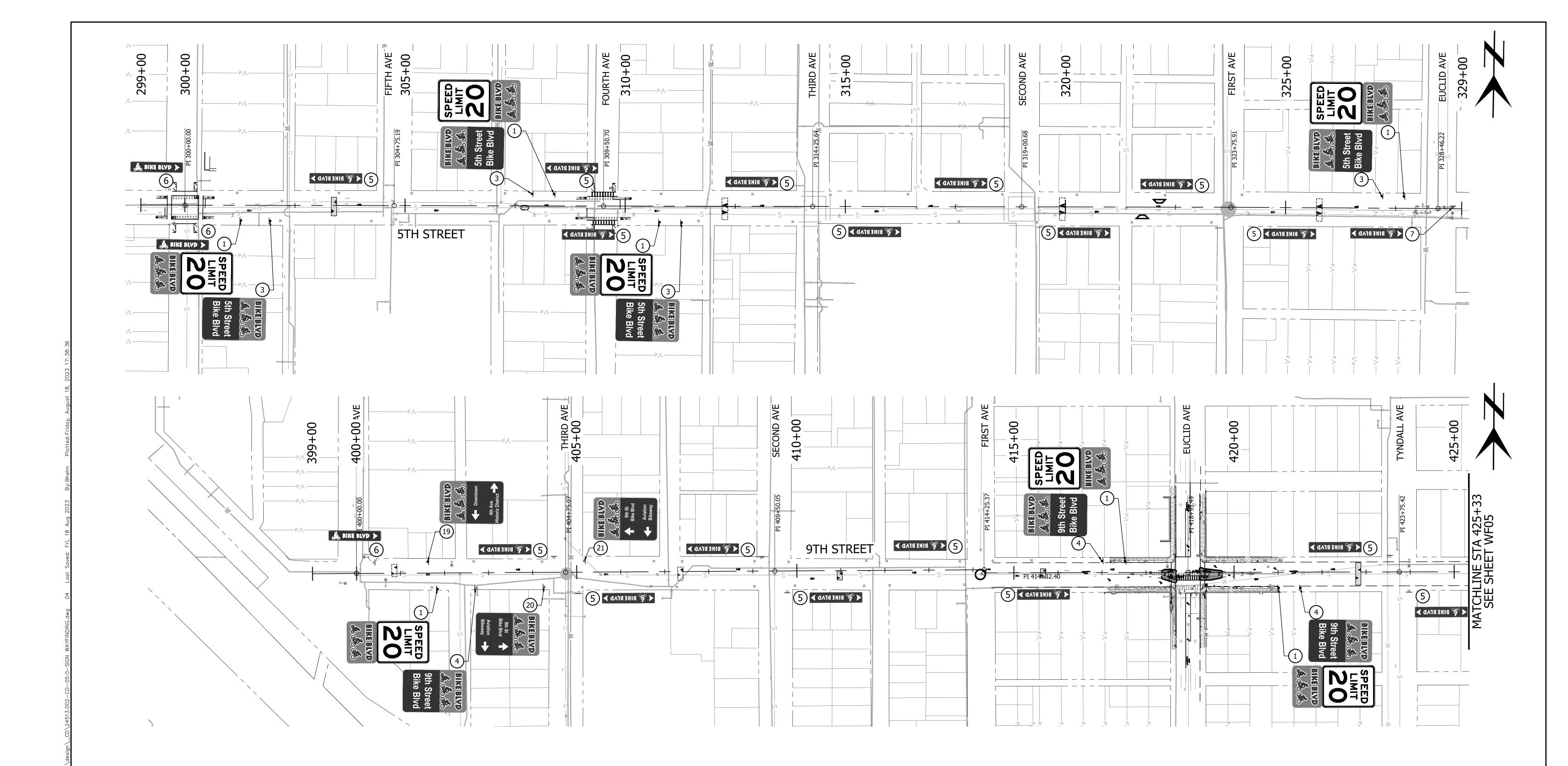
- 1. After locations for wayfinding signs are staked, the contractors shall obtain approval by the Engineer before installing signs. The Engineer shall check sign locations for conflicts with existing structures, utilities, signs, and right-of-way; sign spacing; and distances to and from intersections.
- 2. Bike Blvd signs shall be installed above existing street name signs as noted in the directions of the Bike Blvd street. See SG03 for additional information.
- Wayfinding Sign Number.
  See Sheet SG03 for details and dimensions.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

WF03 of WF06

# 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE

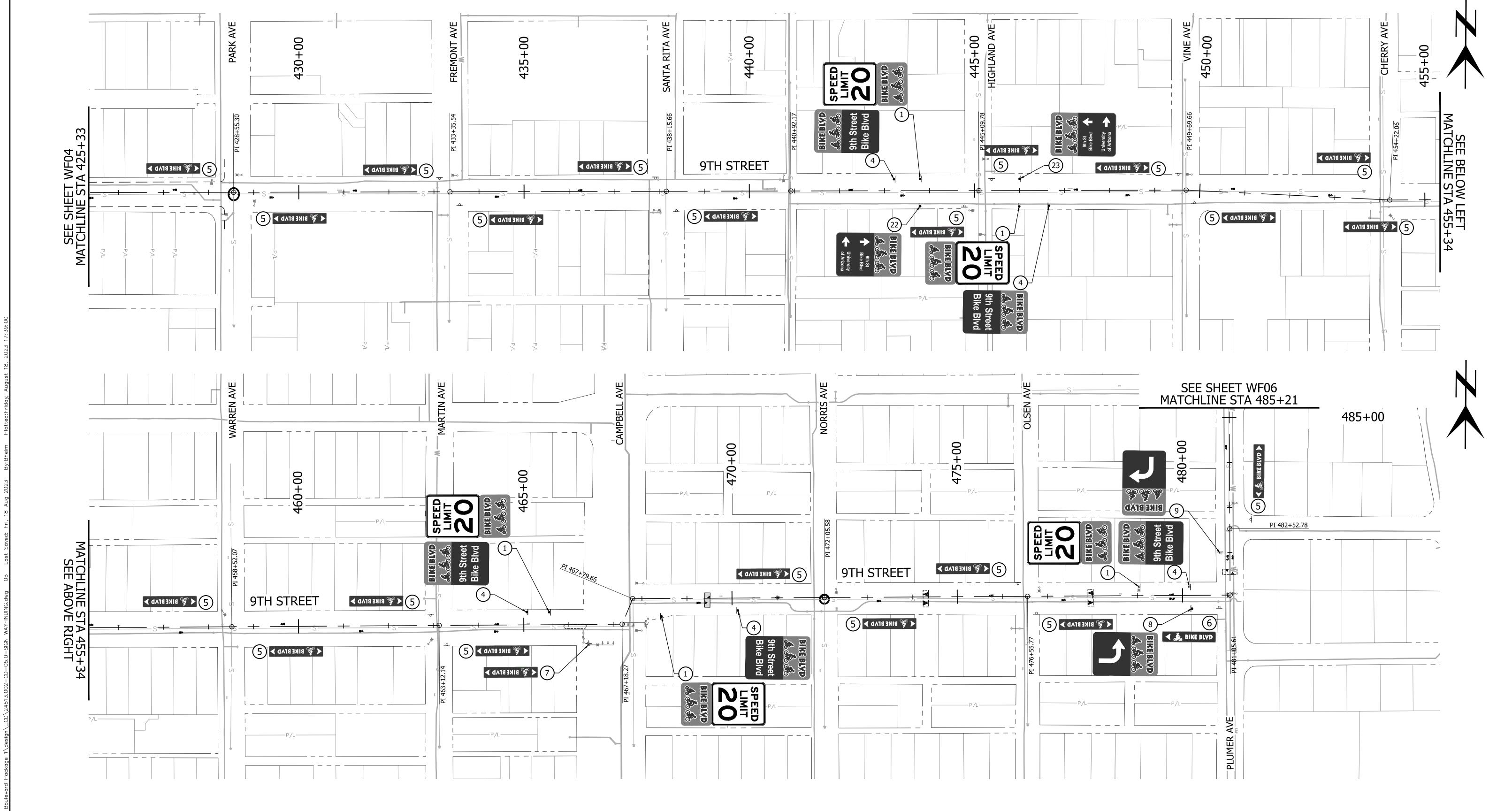
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Contact Arizona 811 at least two full working days before you begin excavation							REVIEW NOT FOR				TRANSPORTATION DIRECTOR	74
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	CONSTRUCTION OR RECORDING	DRWN. BY <u>BZD</u> 20 <u>23</u> DSGN. BY	BZD 20 23 CHKD. BY FLG	2023_	PLAN NO. U-2022-006	



- After locations for wayfinding signs are staked, the contractors shall obtain approval by the Engineer before installing signs. The Engineer shall check sign locations for conflicts with existing structures, utilities, signs, and right-of-way; sign spacing; and distances to and from intersections.
- 2. Bike Blvd signs shall be installed above existing street name signs as noted in the directions of the Bike Blvd street. See SG03 for additional information.
- Wayfinding Sign Number.
  See Sheet SG03 for details and dimensions.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE CITY OF TUCSON \*\*EXECUTION 1 CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616 BIKE BLVD WAYFINDING SIGN SHEET PRELIMINARY SIGNATORY 90% REVIEW NOT FOR TRANSPORTATION DIRECTOR AR ZONA811
Call 811 or click Arizona811 CONSTRUCTION \_\_\_ SCALE: \_\_\_1"=100' OR RECORDING U-2022-006 DRWN. BY <u>BZD</u> 20 <u>23</u> DSGN. BY <u>BZD</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO. \_

WF04 of WF06



- After locations for wayfinding signs are staked, the contractors shall obtain approval by the Engineer before installing signs. The Engineer shall check sign locations for conflicts with existing structures, utilities, signs, and right-of-way; sign spacing; and distances to and from intersections.
- 2. Bike Blvd signs shall be installed above existing street name signs as noted in the directions of the Bike Blvd street. See SG03 for additional information.
- Wayfinding Sign Number.
  See Sheet SG03 for details and dimensions.

### DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE CITY OF TUCSON \*\*EXECUTION 1 CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616 BIKE BLVD WAYFINDING SIGN SHEET PRELIMINARY SIGNATORY APPROVALS 90% REVIEW NOT FOR TRANSPORTATION DIRECTOR CONSTRUCTION \_\_\_\_ SCALE: \_\_\_1"=100' AR ZONASII. OR RECORDING U-2022-006 DRWN. BY <u>BZD</u> 20 <u>23</u> DSGN. BY <u>BZD</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO. \_

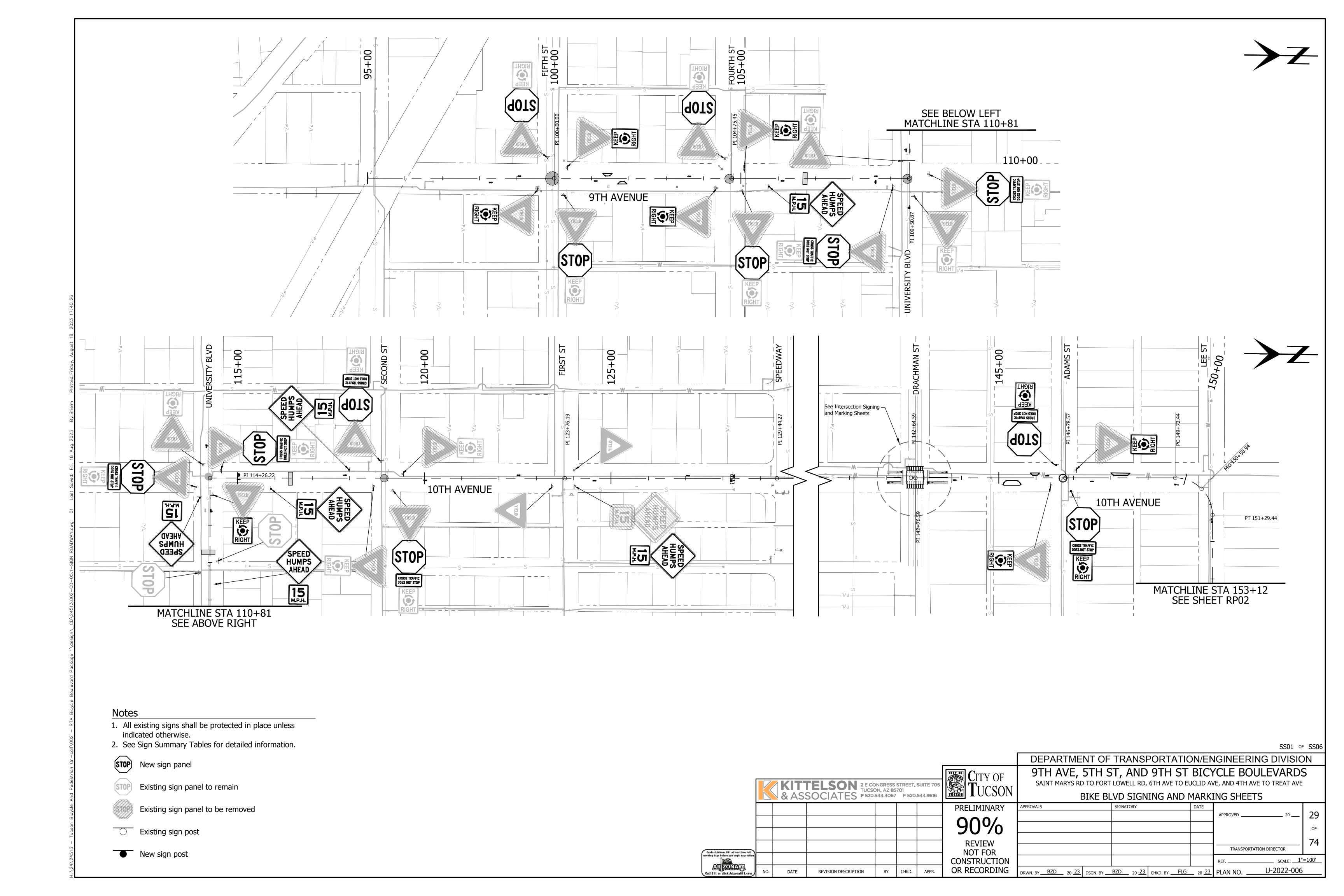
WF05 of WF06

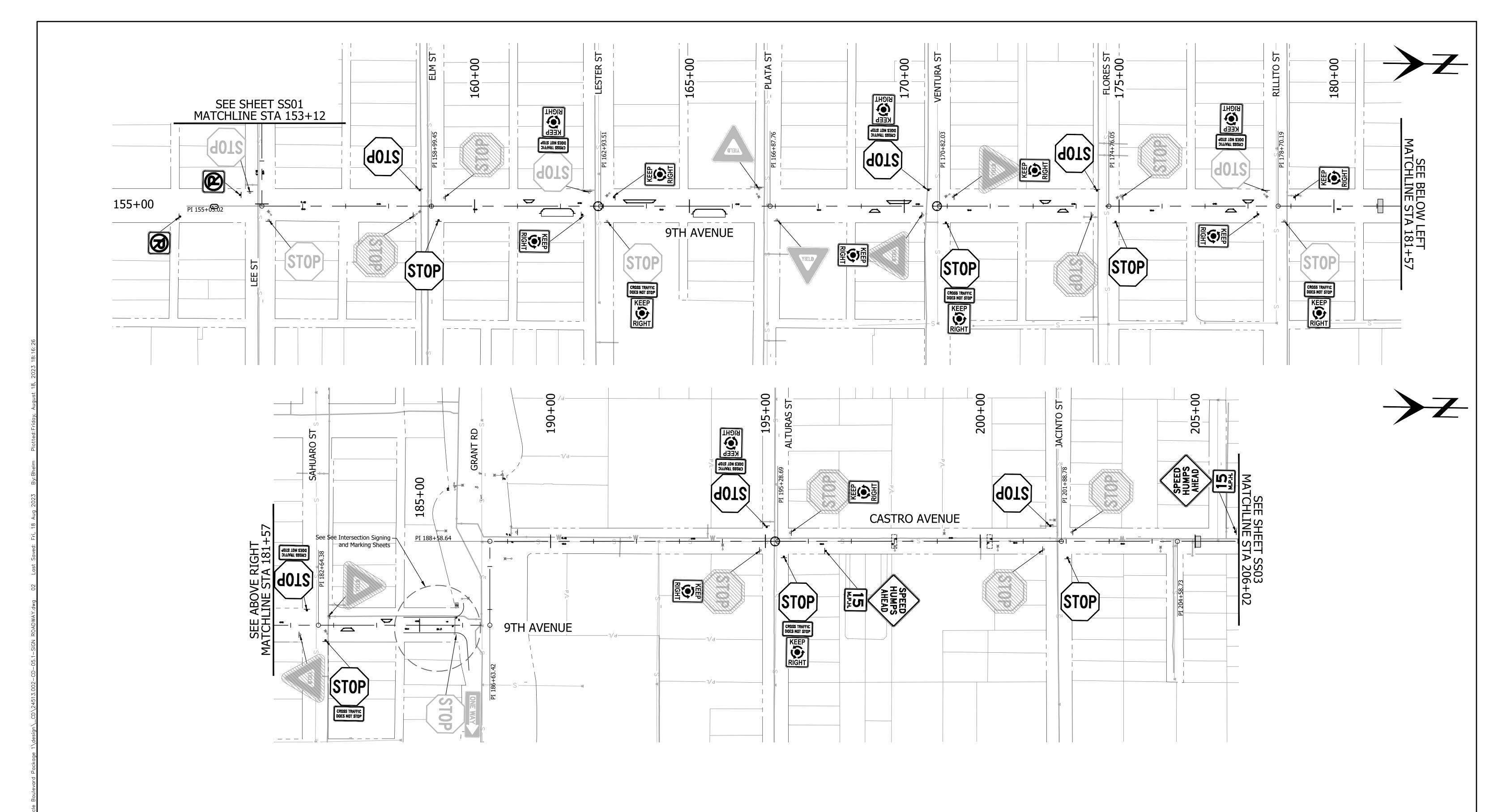


- After locations for wayfinding signs are staked, the contractors shall obtain approval by the Engineer before installing signs. The Engineer shall check sign locations for conflicts with existing structures, utilities, signs, and right-of-way; sign spacing; and distances to and from intersections.
- 2. Bike Blvd signs shall be installed above existing street name signs as noted in the directions of the Bike Blvd street. See SG03 for additional information.
- Wayfinding Sign Number.
  See Sheet SG03 for details and dimensions.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS CITY OF TUCSON SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE \*\*ELSON 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616 BIKE BLVD WAYFINDING SIGN SHEET PRELIMINARY SIGNATORY APPROVALS REVIEW NOT FOR TRANSPORTATION DIRECTOR Call 811 or click Arizona811 CONSTRUCTION \_\_\_\_ SCALE: \_\_\_1"=100' OR RECORDING U-2022-006 DRWN. BY BZD 20 23 DSGN. BY BZD 20 23 CHKD. BY FLG 20 23 PLAN NO. \_

WF06 of WF06





- 1. All existing signs shall be protected in place unless indicated otherwise.
- 2. See Sign Summary Tables for detailed information.

New sign panel

Existing sign panel to remain

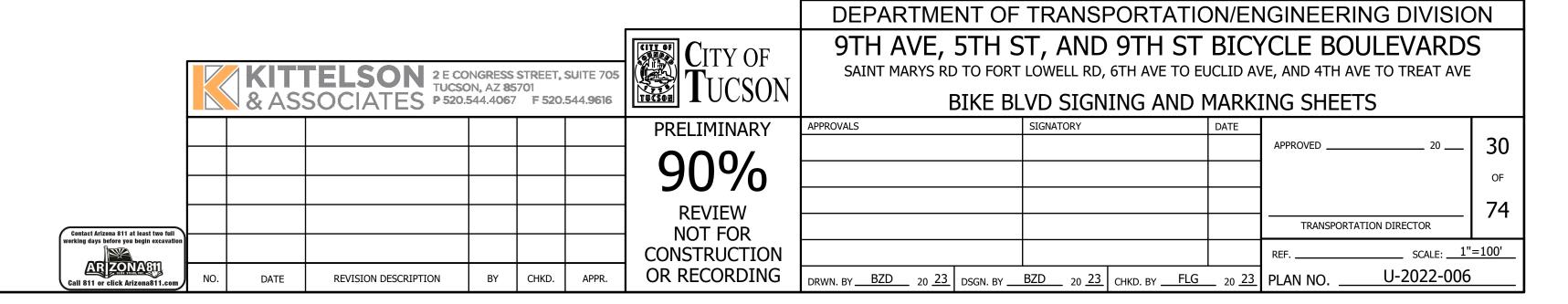


Existing sign panel to be removed

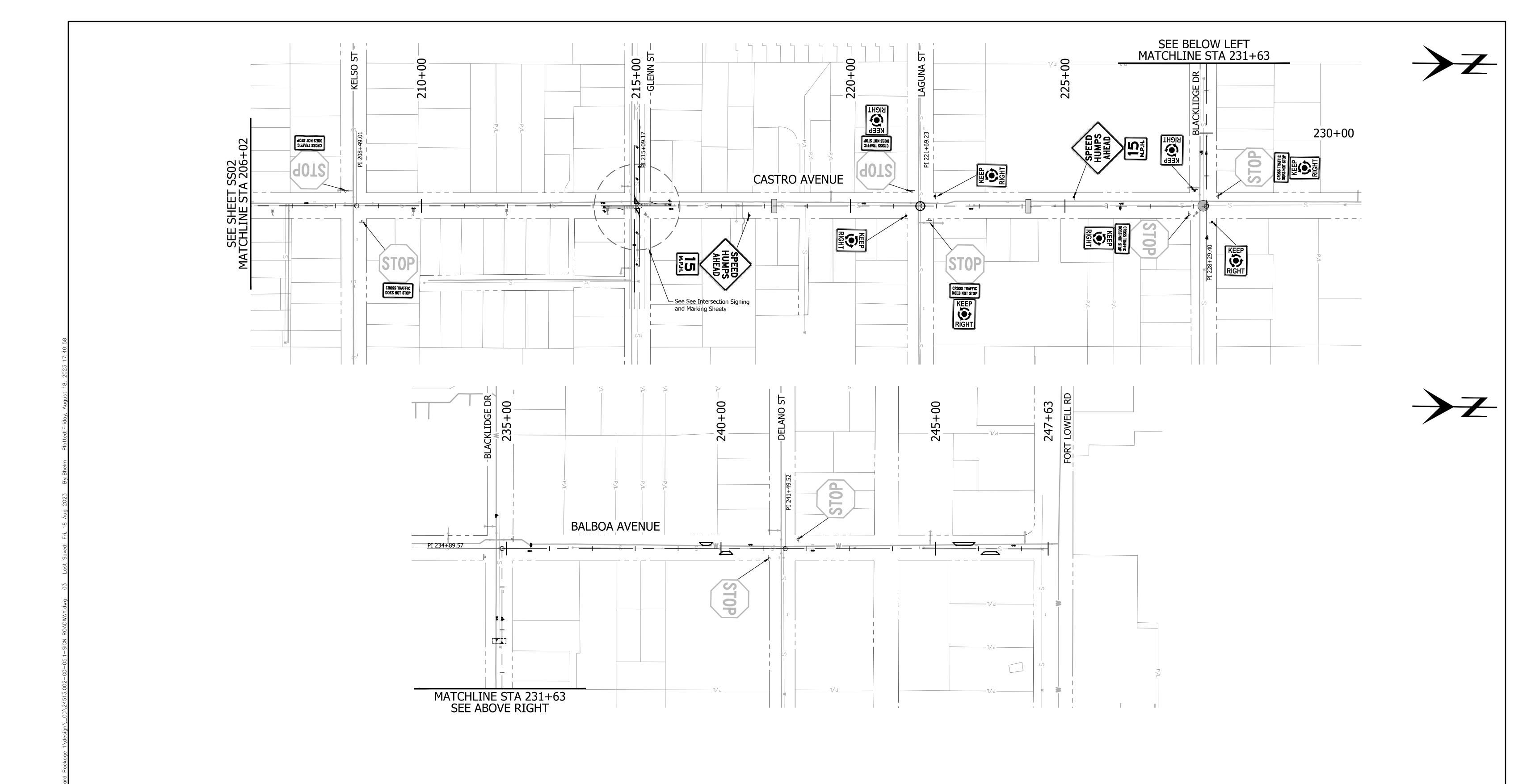


Existing sign post

New sign post



SS02 OF SS06



- 1. All existing signs shall be protected in place unless indicated otherwise.
- 2. See Sign Summary Tables for detailed information.

New sign panel

Existing sign panel to remain

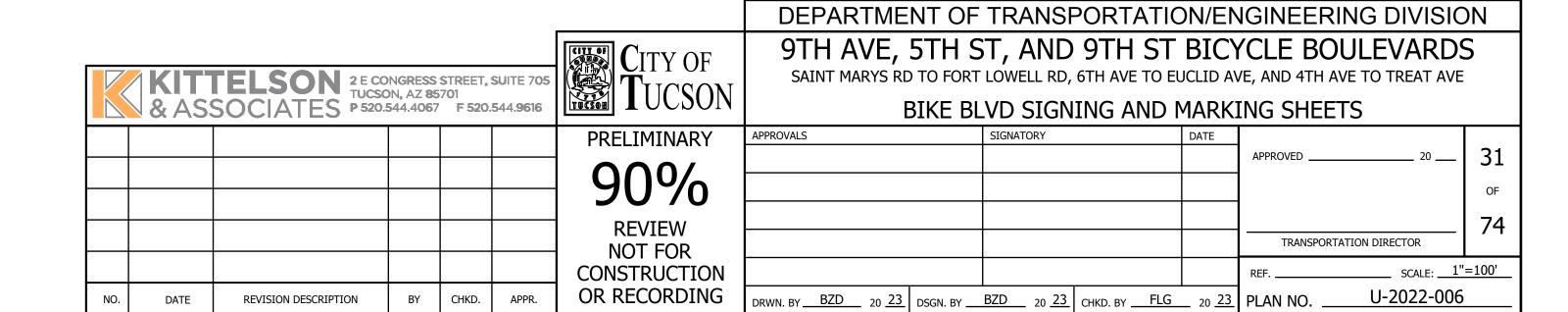


Existing sign panel to be removed

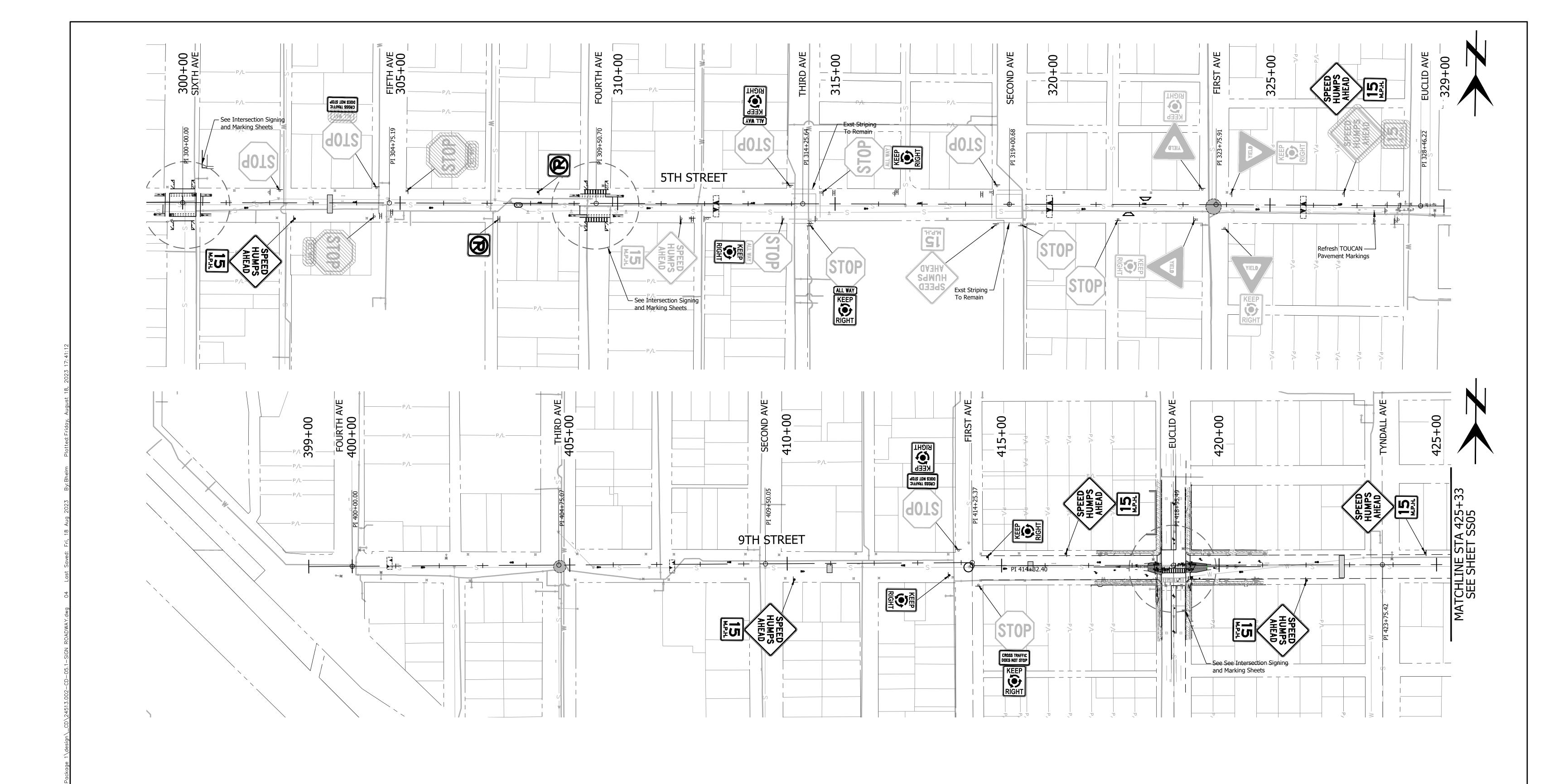


Existing sign post

New sign post



SS03 OF SS06



- 1. All existing signs shall be protected in place unless indicated otherwise.
- 2. See Sign Summary Tables for detailed information.

Existing sign panel to remain



Existing sign panel to be removed

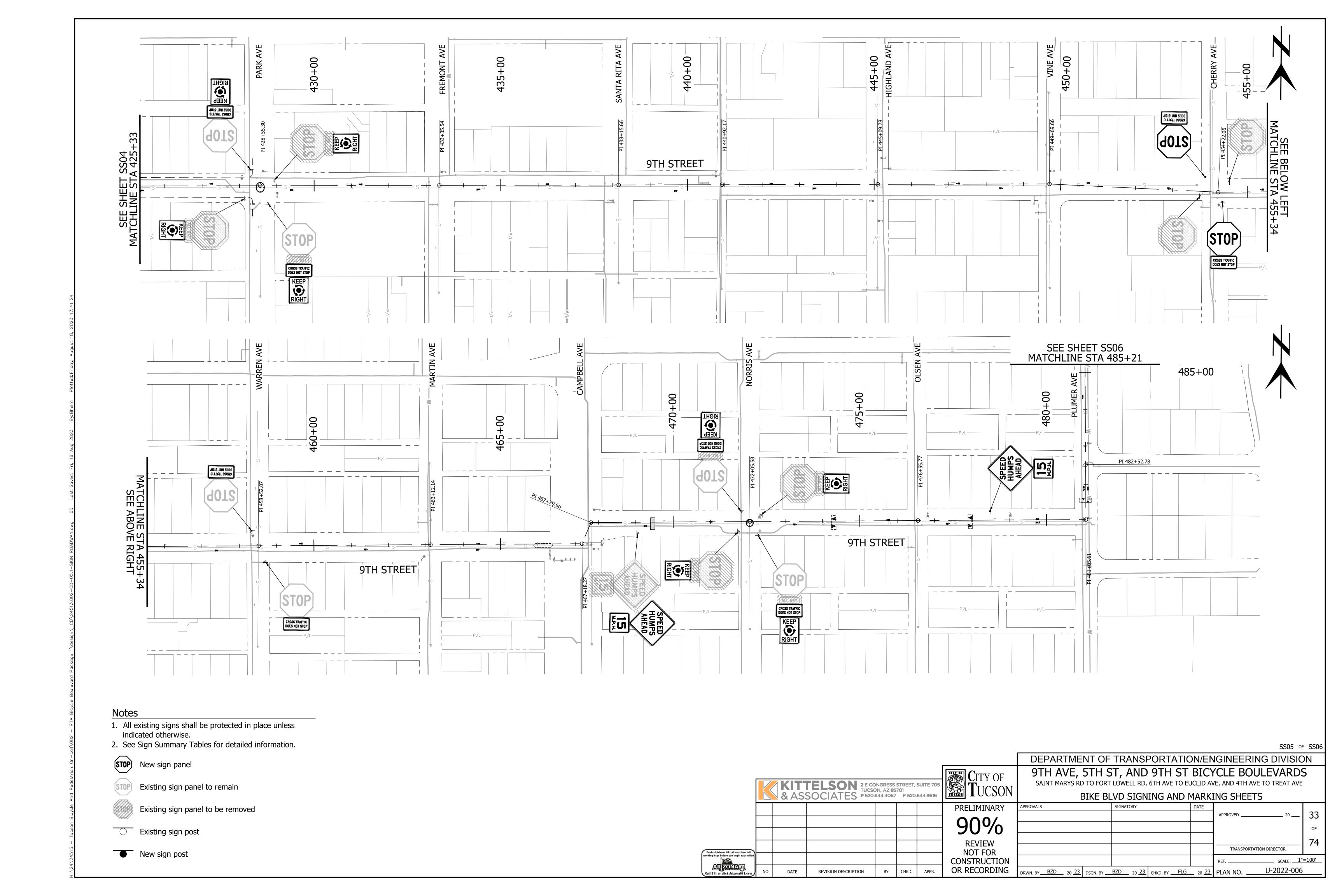


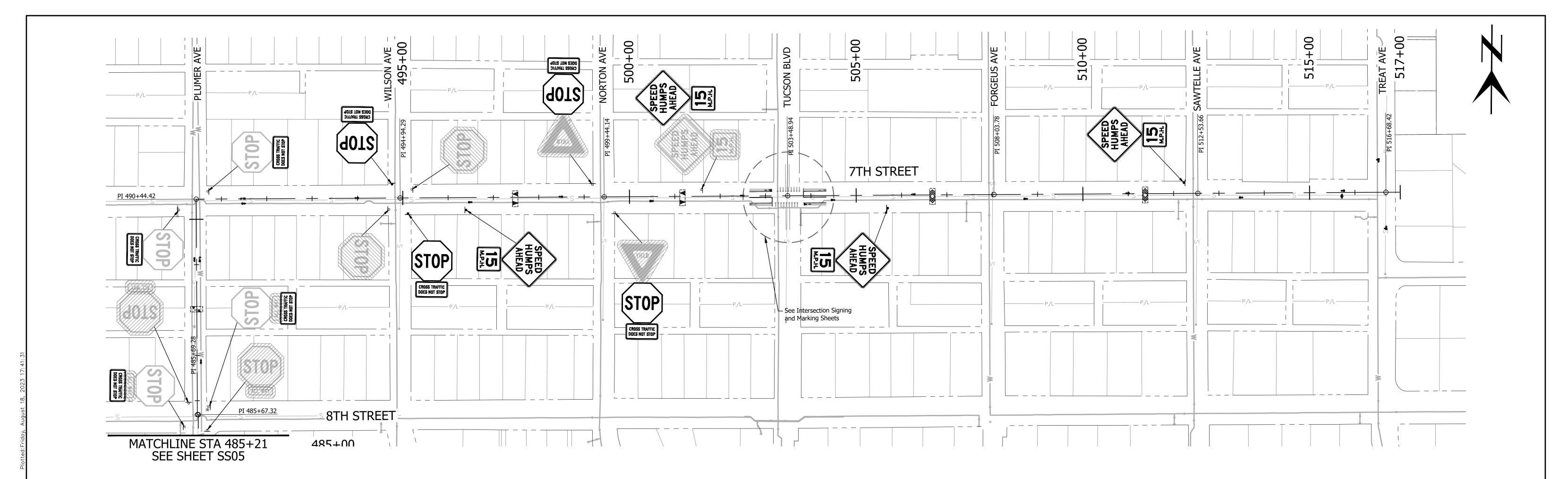
Existing sign post

New sign post

								DEPARTMENT O	F TRANSPORTATI	ON/EN	IGINEERING DIVISIO	N
	KITTELSON 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701				SUITE 705	CITY OF TUCSON	•	ST, AND 9TH ST BICYCLE BOULEVARDS I LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE				
		& AS	SOCIATES P 520.	544.4067	F 520.	544.9616	I UCSUN	BIKE E	BLVD SIGNING AND	MARK	ING SHEETS	
							PRELIMINARY	APPROVALS	SIGNATORY	DATE	4 DDD O) /FD	22
							90%				APPROVED 20	32
							9070					OF
Contact Arizona 811 at least two full							REVIEW NOT FOR				TRANSPORTATION DIRECTOR	74
working days before you begin excavation							CONSTRUCTION				REF SCALE:1"=	=100'
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY BZD 20 23 DSGN. BY	BZD 20 23 CHKD. BY FLO	<u>20 23</u>	PLAN NOU-2022-006	

SS04 OF SS06





1. All existing signs shall be protected in place unless indicated otherwise.

2. See Sign Summary Tables for detailed information.

STOP New sign panel

**STOP** Existing sign panel to remain



Existing sign panel to be removed

Existing sign post

New sign post

								DEPARTMENT OF	TRANSPORTATIO	N/EN	IGINEERING DIVISIO	NC
							CITY OF	9TH AVE, 5TH S	ST, AND 9TH ST	BICY	CLE BOULEVARDS	S
	KITTELSON 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 & ASSOCIATES P 520.544.4067 F 520.544.9616				SUITE 705			·		'E, AND 4TH AVE TO TREAT AVE	<u>:</u>	
		<b>№</b> AS:	SOCIATES P 520.5	544.4067	F 520.	544.9616	TUCSON TUCSON	BIKE B	LVD SIGNING AND I	<u> MARKI</u>	ING SHEETS	
							PRELIMINARY	APPROVALS	SIGNATORY	DATE	400001750	74
							$\Omega\Omega\Omega$				APPROVED 20	34
							90%					OF
							REVIEW					74
Contact Arizona 811 at least two full working days before you begin excavation							NOT FOR				TRANSPORTATION DIRECTOR	
AR ZONOM							CONSTRUCTION				REF SCALE:1"	<u>'=100'</u>
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY <u>BZD</u> 20 <u>23</u> DSGN. BY	BZD 20 23 CHKD. BY FLG	20 23	PLAN NO. <u>U-2022-006</u>	<u> </u>

SS06 OF SS06

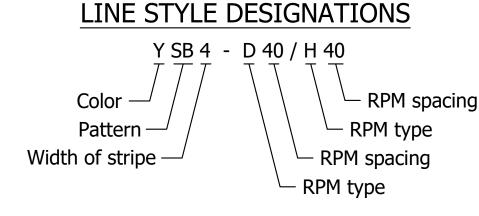
### PAVEMENT MARKING GENERAL NOTES

- 1. All pavement markings shall conform to PC/COT Standards and Specifications.
- 2. The permanent pavement markings may be modified as directed by the Traffic Engineer or Designee.
- 3. The design vehicle for this project is a SU-40.
- 4. All lane dimensions are from the center of the lane, center of the double lane line, face of curb, or edge of pavement unless otherwise noted.
- 5. The pavement marking drawings are schematic only. The contractor shall follow all dimensions, details, and standards when installing pavement striping, markings, and markers.
- 6. The final longitudinal striping shall be 90 mil (0.090") thick extruded thermoplastic reflectorized striping placed over the temporary striping within 15-30 calendar days after completion of the final pavement surface or as directed by the Traffic Engineer. All other markings shall be applied at the same time. Temporary striping shall be paint. Temporary paint shall be 15 mil (0.015") thick water based paint placed on the final pavement surface.
- 7. All final transverse markings shall be extruded 90 mil (0.090") thermoplastic striping. All green pavement marking shall be paint per special provisions. Bicycle legends shall be preformed thermoplastic pavement markings.
- 8. The contractor shall be responsible for the layout and installation of pavement markings on final surface course. The layout of all pavement markings shall be approved by the Traffic Engineer prior to the application of materials. The striping contractor shall contact COT Traffic Engineering at (520) 791-4259 at least three working days in advance of any pavement marking installation to schedule inspection and approval of layout.
- 9. It is the contractor's responsibility to ensure that the final surface course is placed so that the striping is offset no more than one foot clear of the construction joint, unless otherwise directed by the Traffic Engineer.
- 10. The contractor shall clean the roadway surface to the satisfaction of the Traffic Engineer by sweeping and air-jet blowing immediately prior to the placement of all pavement markings. The temperature shall not be less than 50°F for the placement of thermoplastic striping and 40°F for the placement of RPMs.
- 11. All raised pavement markers shall be installed so that the reflective face of each marker is facing the direction of traffic and is perpendicular to the direction of traffic flow.
- 12. At intersection approaches on roadways with medians, Type C RPMs shall be placed as per PC/COT Standards or as directing by the Traffic Engineer.
- 13. All removal of existing pavement markings shall be accomplished in accordance with Section 701 of the PC/COT Standard Specifications. Painting over existing striping does not constitute approved striping obliteration. Asphalt scarring as evaluated/determined by city/traffic engineer shall require application of a fog seal CSS-1 at 0.06 to 0.08 of a gallon per square yard over the removed paint stripe.
- 14. The Engineer of record shall be required to produce as-built striping plans within 90 days of striping completion.
- 15. Blue raised pavement markers shall be placed adjacent to fire hydrants as directed by the Engineer in the field.
- 16. Final inspection/acceptance of pavement markers shall be performed by the Traffic Engineer.
- 17. A meeting with the inspector and Traffic Engineer or Designee shall be scheduled to go over striping plans and striping changes a minimum of 48 hours in advance of striping activity.
- 18. Symbols and legends shall not be applied as temporary installations, unless directed by the Traffic Engineer.
- 19. Painted curb (red no parking) will be considered incidental to other items of work.

### SIGNING GENERAL NOTES

- 1. All signs shall be in compliance with the 2009 Edition of the Manual on Uniform Traffic Control Devices with the Arizona Supplement, the 2020 Edition of the Pima County and City of Tucson Traffic Signing Design Manual, the Special Provisions, and the plans.
- 2. Signs may be modified and locations adjusted to fit conditions as directed by the jurisdiction Traffic Engineer or Designee.
- 3. Post lengths indicated on sign summary sheets are approximate. The contractor shall verify actual post lengths.
- 4. All new and existing signs shall be installed on perforated posts (square tube) and shall be installed in a concrete foundation, unless otherwise directed by the Traffic Engineer or Designee.
- 5. All sign station locations are approximate. The contractor shall verify actual sign locations with the Traffic Engineer prior to the installation of all signs. The contractor shall be responsible for coordinating all work with Arizona 811 and for installing all traffic signs in the field.
- 6. All warning sign panels shall be fluorescent yellow Diamond-Grade (Type XI or equivalent) sheeting. All school zone signs shall be fluorescent yellow-green Diamond-Grade (Type XI or equivalent) sheeting. All street name signs and overhead mounted panels shall be ASTM Type XI sheeting. All other sign panels shall have High Intensity Prismatic Type IV sheeting.
- 7. All new signs shall have aluminum backing, unless otherwise specified.
- 8. All existing signs whose messages or locations are in conflict with new or proposed signs shall be removed and salvaged unless specifically called out to remain on the signing and marking plan sheets. In particular, all of the following signs shall be removed: "SPEED LIMIT 25" (R2-1), "BIKE ROUTE" (D11-1), and Route Marker Signs (M-6 series).
- 9. All existing signs to be removed as part of this project are to be delivered to the City of Tucson Sign Shop at 4004 S. Park, (520) 791-3154. The contractor is responsible for unloading the salvaged material. Any salvaged sign that is to be reused shall be temporarily stored in a safe location until reinstallation.
- 10. Removal shall be in accordance with Section 202-3.06 of the 2003 PC/DOT Standard Specifications for Public Improvements.
- 11. Final inspection/acceptance of signing shall be performed by the jurisdiction Traffic Engineer or Designee.
- 12. The Posted Speed limit for the road(s) is 20 mph. Sign placement shall be based on the posted speed limit

APPROXIMATE PAVEMENT MARKING QUANTITIES						
ITEM DESCRIPTION	UNIT	QUANTITY				
Painted Stripe (White) (4" Equivalent)	LF	986				
Painted Stripe (White) (4" Equivalent) (Transverse)	LF	12603				
Painted Stripe (Yellow) (4" Equivalent)	LF	2235				
Painted Bike (Green)	SF	6002				
Red Painted Curb (No Parking)	LF	592				
Bike Wayfinding Legends	EA	21				
Shared Lane Legend (Sharrow)	EA	134				
Bike Symbol and Arrow	EA	20				

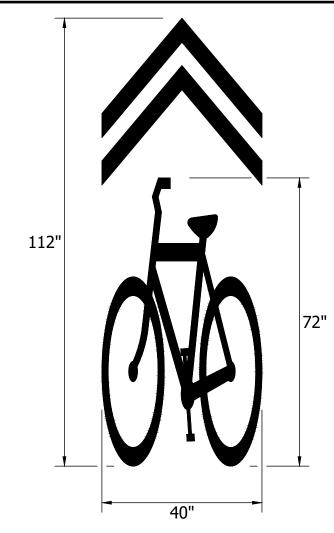


See PC/COT Signing and Pavement Marking Manual for Further Descriptions.

APPROXIMATE SIGNING QUANTITIES							
ITEM DESCRIPTION	UNIT	QUANTITY					
Sign Post (Perforated)	LF	2179					
Foundation for Sign Post (Perforated)	EA	182					
Flat Sheet Aluminum Sign Panel (Type XI)	SF	2496					
Remove and Reinstall Sign	EA	5					
Remove and Salvage Sign Panel	EA	75					

SG01 of SG1

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS CITY OF TUCSON SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE **KITTELSON** 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 & ASSOCIATES P 520.544.4067 F 520.544.9616 INTERSECTION SIGNING AND MARKING SHEETS **PRELIMINARY** APPROVALS 35 90% **REVIEW** TRANSPORTATION DIRECTOR NOT FOR AR ZONA811
Call 811 or click Arizona817 CONSTRUCTION \_\_\_ SCALE: \_\_\_ OR RECORDING DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. \_ U-2022-006



PC/COT Signing and Pavement Marking Manual, Sheet 3.2.4

The sharrow shall be composed of permanent preformed thermoplastic that has been approved by the City of Tucson.

### CTANDADD CHADDOW DETAIL

STA	NDAR	D SH	<u>IA</u>	RROW DE	TAIL	
Road	Station	Lane		Road	Station	Lane
9th Ave	101+07	NB		Blacklidge Dr	233+31	EB
9th Ave	103+66	SB		Balboa Ave	235+50	NB
9th Ave	106+07	NB		Balboa Ave	240+73	SB
9th Ave	108+66	SB		Balboa Ave	242+10	NB
9th Ave	109+55	SB		Balboa Ave	246+86	SB
10th Ave	114+99	NB		5th St	301+42	EB
10th Ave	117+92	SB		5th St	304+00	WB
10th Ave	119+98	NB		5th St	305+67	EB
10th Ave	120+02	SB		5th St	308+25	WB
10th Ave	124+52	NB		5th St	310+67	EB
10th Ave	143+78	NB		5th St	313+15	WB
10th Ave	146+34	SB		5th St	315+67	EB
10th Ave	147+45	NB		5th St	316+98	WB
Lee St	154+31	WB		5th St	320+67	EB
9th Ave	155+97	NB		5th St	322+15	WB
9th Ave	157+81	SB		5th St	324+67	EB
9th Ave	159+97	NB		5th St	326+65	WB
9th Ave	162+49	SB		9th St	401+58	EB
9th Ave	164+31	NB		9th St	403+71	WB
9th Ave	166+16	SB		9th St	405+62	EB
9th Ave	167+97	NB		9th St	408+71	WB
9th Ave	170+35	SB		9th St	410+31	EB
9th Ave	171+47	NB		9th St	412+71	WB
9th Ave	173+99	SB		9th St	415+03	EB
9th Ave	175+72	NB		9th St	417+28	WB
9th Ave	177+27	SB		9th St	420+46	EB
9th Ave	180+07	NB		9th St	422+29	WB
9th Ave	181+83	SB		9th St	425+35	EB
9th Ave	184+66	NB		Plummer Ave	481+85	NB
9th Ave	184+99	SB		Plummer Ave	484+38	SB
Castro Ave	190+27	NB		Plummer Ave	486+82	NB
Castro Ave	193+36	SB		Plummer Ave	489+15	SB
Castro Ave	196+27	NB		7th St	491+44	EB
Castro Ave	199+36	SB		7th St	494+03	WB
Castro Ave	200+77	NB		7th St	496+44	EB
Castro Ave	203+27	NB		7th St	498+53	WB
Castro Ave	207+36	SB		7th St	500+44	EB
Castro Ave	209+77	NB		7th St	502+53	WB
Castro Ave	214+27	SB		7th St	504+44	EB
Castro Ave	215+78	NB		7th St	506+31	WB
Castro Ave	220+36	SB		7th St	508+69	EB
Castro Ave	222+77	NB		7th St	511+03	WB
Castro Ave	226+36	SB		7th St	513+44	EB
Blacklidge Dr	220.40	\A/D	ı	7+h C+	E1E . 70	\A/D

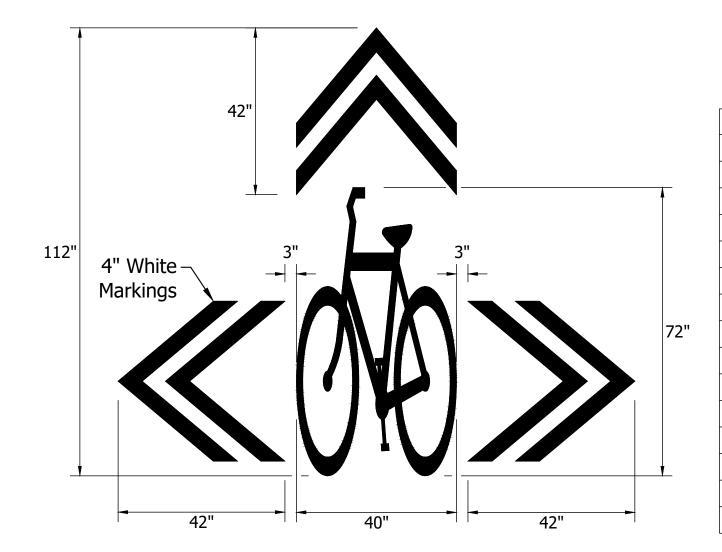
Blacklidge Dr | 229+49 | WB

-MOUNTABLE CURB WITH

FLEXIBLE DELINEATORS

TYPICAL DAYLIGHT AREA AT CROSSWALK

7th St 515+78 WB



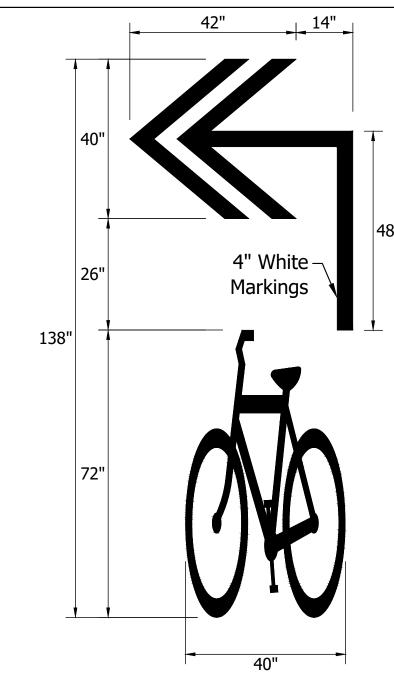
Road	Station	Lane	Direction
9th Ave	108+58	NB	Left/Right
University Blvd	109+42	EB	Left/Through
University Blvd	110+31	EB	Through/Right
University Blvd	113+35	WB	Through/Right
University Blvd	114+28	WB	Left/Through
10th Ave	115+06	SB	Left/Right
Balboa Ave	226+26	SB	Left/Right
Castro Ave	226+26	NB	Left/Right
Blacklidge Dr	228+16	EB	Left/Through
Blacklidge Dr	229+59	EB	Through/Right
Blacklidge Dr	233+22	WB	Through/Right
Blacklidge Dr	234+93	WB	Left/Through
7th St	515+68	EB	Left/Right
Treat Ave	516+54	SB	Through/Right
Treat Ave	516+70	NB	Left/Through

PC/COT Signing and Pavement Marking Manual, Sheet 3.2.4

The sharrow shall be composed of permanent preformed thermoplastic that has been approved by the City of Tucson.

Sharrow detail shows left, straight and right indication. Refer to WF01-WF06 for each locations direction indications.

### DIRECTIONAL SHARROW DETAIL

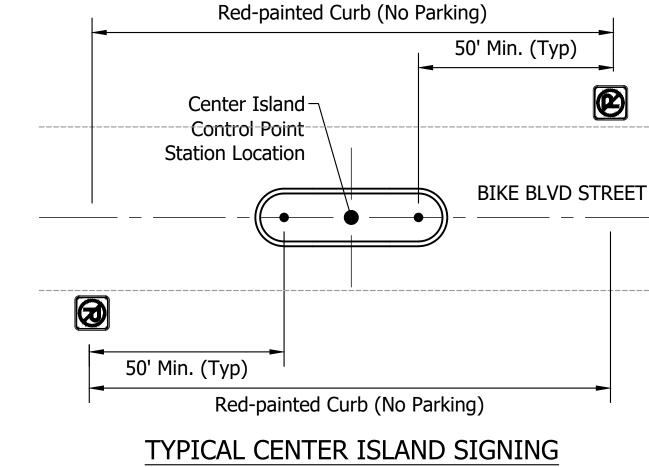


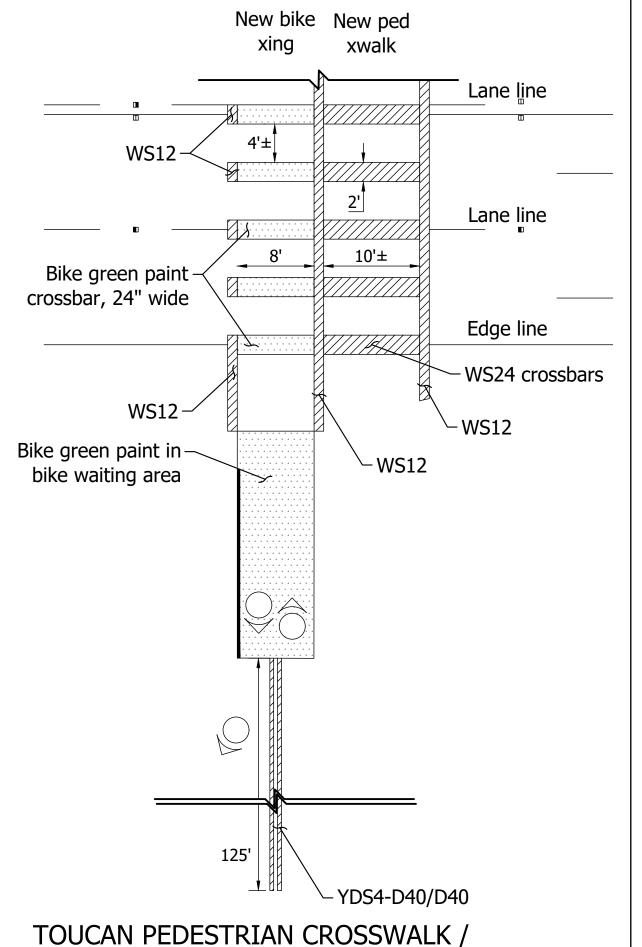
Road	Station	Lane	Direction
10th Ave	149+70	NB	Right
Lee St	151+50	WB	Left
Lee St	154+21	EB	Left
9th Ave	156+07	SB	Right
9th Ave	185+40	NB	Left
Castro Ave	190+37	SB	Right
9th St	479+71	EB	Left
Plummer Ave	481+94	SB	Right
Plummer Ave	489+06	NB	Right
7th St	491+53	WB	Left

PC/COT Signing and Pavement Marking Manual, Sheet 3.2.4

The sharrow shall be composed of permanent preformed thermoplastic that has been approved by the City of Tucson.

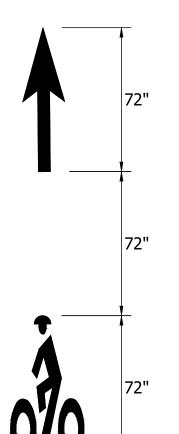
Turn Sharrow detail shows Left Turn Sharrow, the same principals apply to Right Turn Sharrow. TURN SHARROW DETAIL





BIKE CROSSING PAVEMENT MARKING

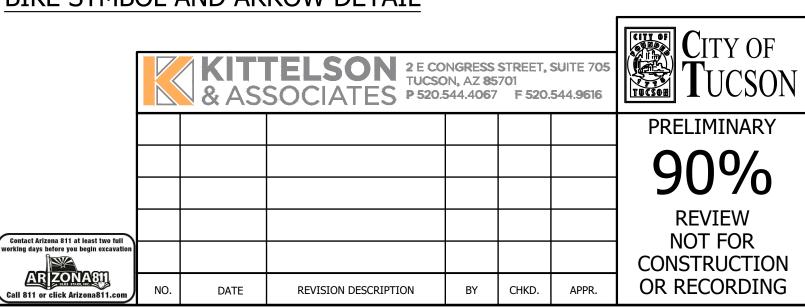
TYPICAL LAYOUT DETAIL



PC/COT Signing and Pavement Marking Manual, Sheet 3.2.4

The bike symbol shall be composed of permanent preformed thermoplastic that has been approved by the City of Tucson.

BIKE SYMBOL AND ARROW DETAI
- DINE STRING AND ANNUAL TO LAT



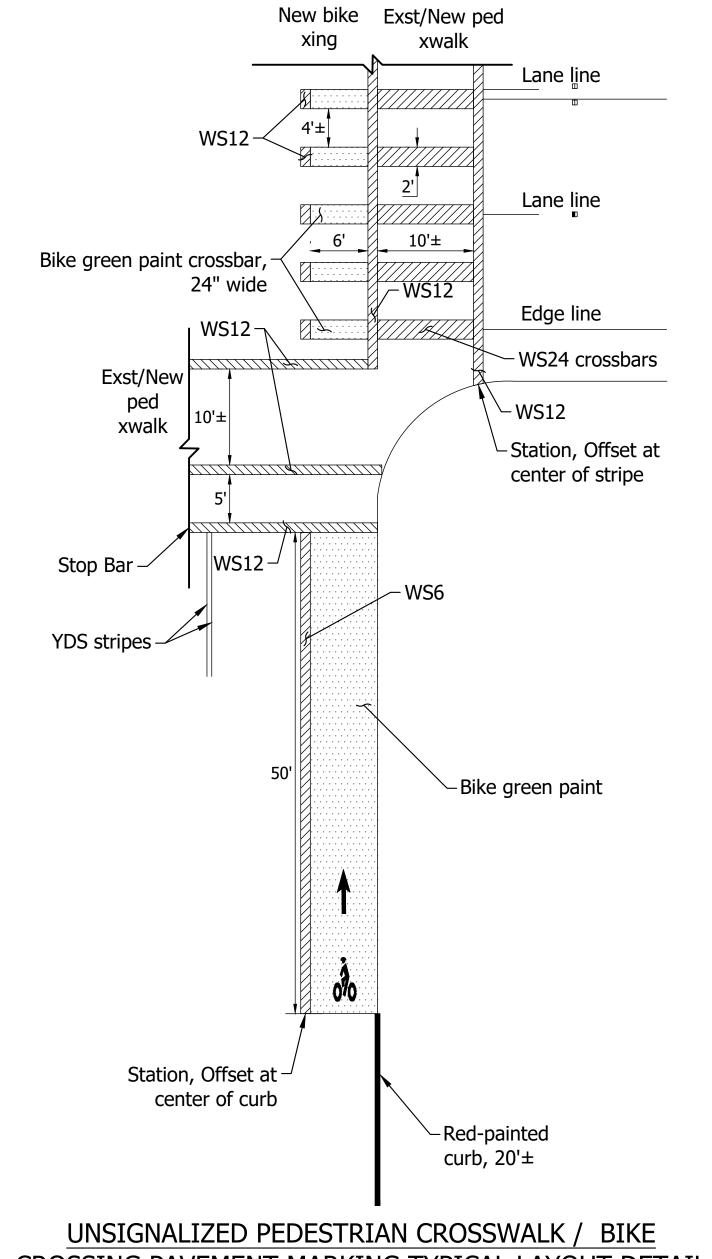
5th St	109+56	EB							
5th St	300+29	WB							
Bike Marking with Arrow									
Road	Station	Lane							
10th Ave	142+02	NB							
10th Ave	142+41	SB							
10th Ave	143+10	NB							
10th Ave	143+62	SB							
Castro Ave	214+24	NB							
Castro Ave	215+82	SB							
5th St	300+29	WB							
5th St	300+43	EB							
5th St	300+43	EB							
5th St	300+66	WB							
5th St	308+88	EB							
5th St	309+12	WB							
5th St	309+90	EB							
5th St	310+14	WB							
7th St	502+66	EB							
7th St	503+14	WB							
7th St	503+85	EB							

504+33 WB

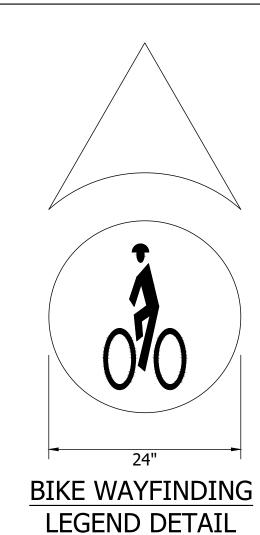
7th St

Bike Marking

Station Lane



# CROSSING PAVEMENT MARKING TYPICAL LAYOUT DETAIL



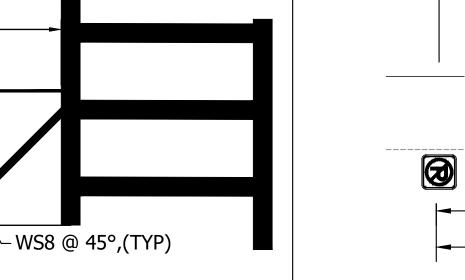
Grant Rd	185+65	NB
9th Ave	185+65	SB
Grant Rd	185+67	SB
9th Ave	185+77	NB
Grant Rd	185+86	EB
Grant Rd	185+92	WB
Grant Rd	188+89	EB
Grant Rd	188+94	WB
Castro Ave	188+98	NB
Castro Ave	189+05	SB
Castro Ave	189+10	NB
9th St	417+59	EB
9th St	418+11	WB
9th St	418+41	EB
9th St	418+44	WB
9th St	419+65	EB
9th St	419+68	WB
9th St	419+88	EB
9th St	420+48	WB
		SG02

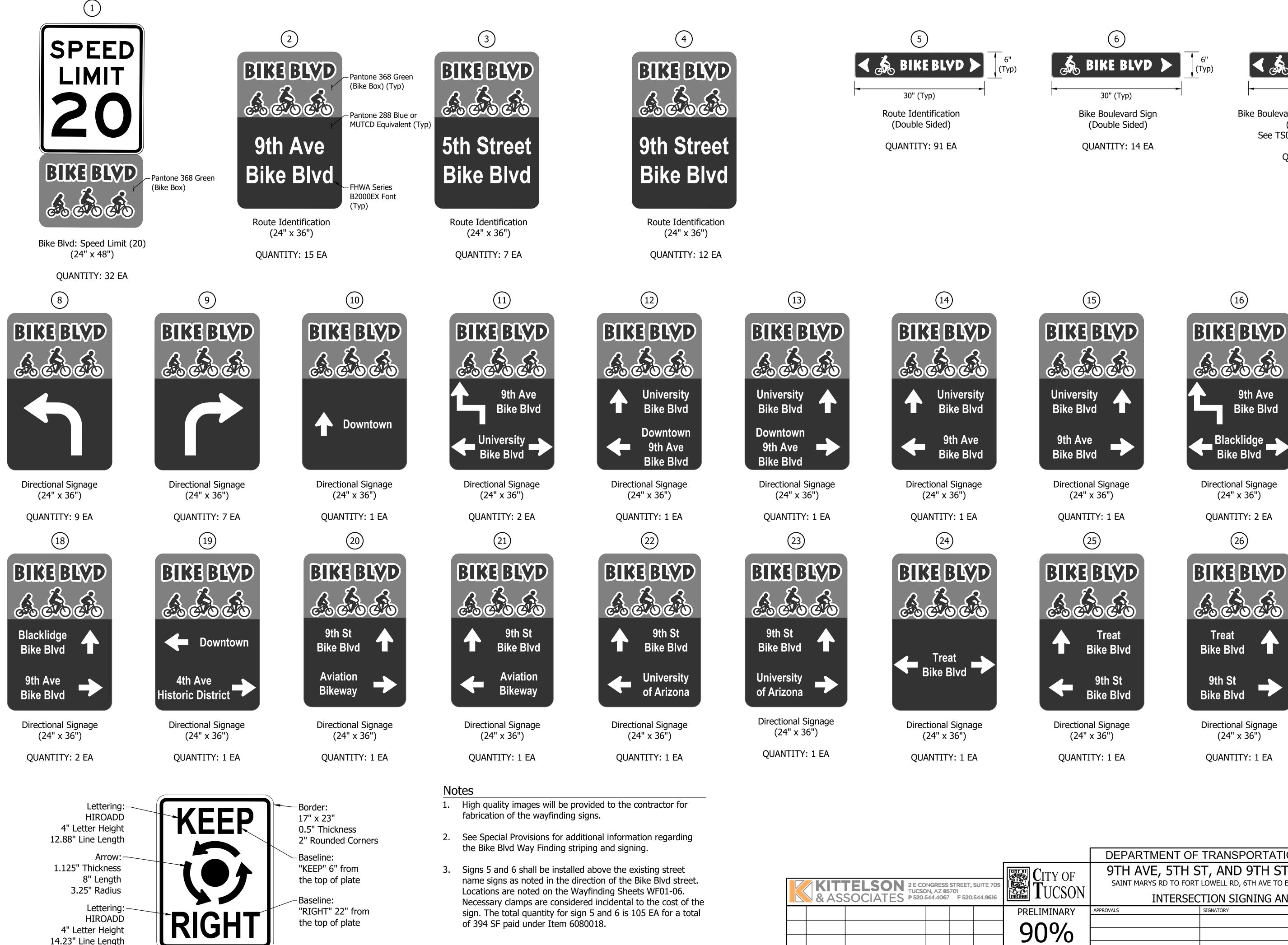
Station Lane

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE

INTERSECTION SIGNING AND MARKING SHEETS TRANSPORTATION DIRECTOR OR RECORDING U-2022-006 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO.





SPR04-10

(18" x 24")

SPR04-10 SIGN DETAIL

**◀** ♣ BIKE BLVD ▶ 120" (Typ)

Bike Boulevard Sign for HAWK Crossing (Double-Sided) See TS04 for Mounting Detail

QUANTITY: 3 EA

16 BIKE BLYD 9th Ave Bike Blvd

> **Directional Signage** (24" x 36")

> > QUANTITY: 2 EA

26

QUANTITY: 2 EA

27

**Directional Signage** 

(24" x 36")

17

BIKE BLYD

Blacklidge

Bike Blvd

9th Ave

Bike Blvd

BIKE BLYD A COMPANY OF THE PROPERTY OF T

Bicycles

**Use Sidewalk** 

**Directional Signage** (24" x 36")

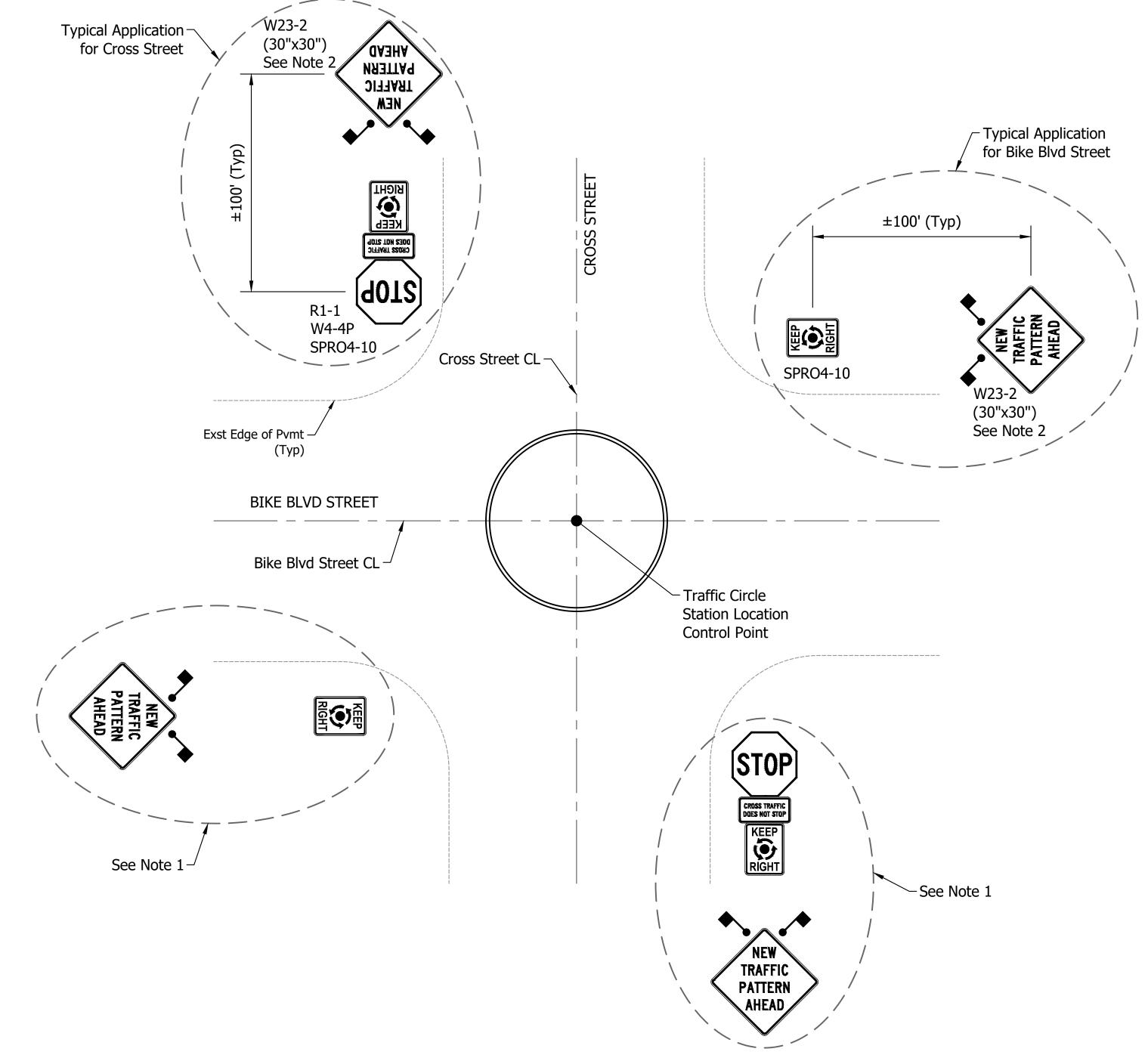
QUANTITY: 1 EA

**Directional Signage** 

(24" x 36")

SG03 OF SG13

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE INTERSECTION SIGNING AND MARKING SHEETS SIGNATORY DATE 37 90% **REVIEW** TRANSPORTATION DIRECTOR NOT FOR Call 811 or click Arizona811 CONSTRUCTION \_ SCALE: \_\_ OR RECORDING U-2022-006 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. REVISION DESCRIPTION

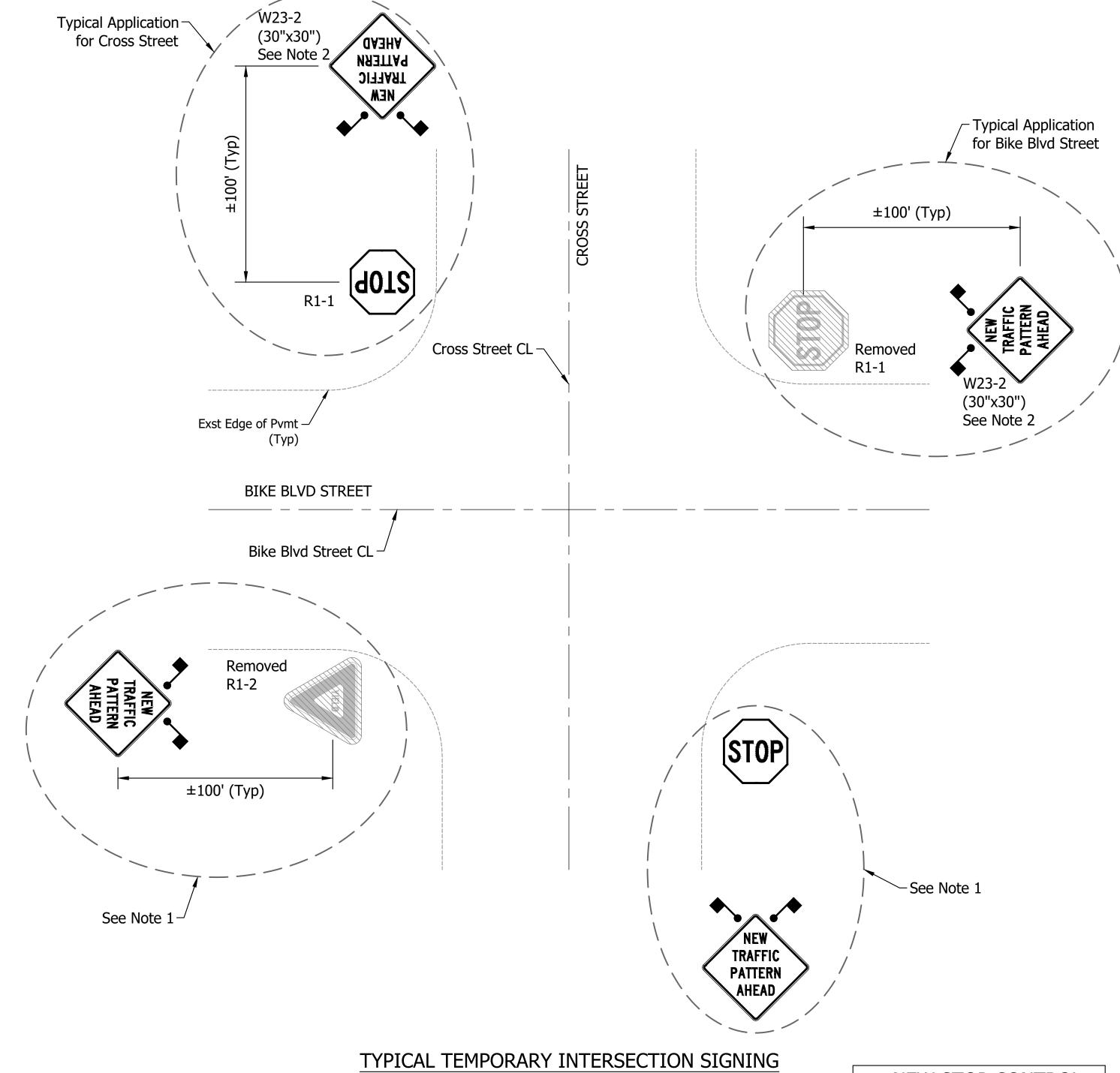


## TYPICAL TEMPORARY INTERSECTION SIGNING AT NEW TRAFFIC CIRCLES.

## **NOTES**

- 1. Sign spacing shall follow corresponding typical application as shown
- 2. NEW TRAFFIC PATTERN AHEAD signs with flags, shall be placed immediately after traffic circle is constructed and shall be used at all approaches for two weeks. The contractor shall also provide signage (temporary or new) for all-way stop control for a minimum of two weeks. The NEW TRAFFIC PATTERN AHEAD signs shall be kept in place for an additional two-week minimum after final signage is in place.
- 3. For additional pavement marking and signing information not shown on this plan sheet, see PCDOT/COT Signing and Marking Standards Sheet 5.3.

NEW TRAFFIC CIRCLES										
TC ##	Bike Blvd Street	Cross Street								
01	10th Ave	Adams St								
02	9th Ave	Lester St								
03	9th Ave	Ventura St								
04	Castro Ave	Alturas St								
05	Castro Ave	Laguna St								
06	9th St	First Ave								
07	9th St	Park Ave								
08	9th St	Norris Ave								



# AT NEW STOP SIGNS.

## **NOTES**

AR ZONASII

- 1. Sign spacing shall follow corresponding typical application as
- 2. NEW TRAFFIC PATTERN AHEAD signs with flags, shall be placed immediately after stop sign or yield sign is removed and/or a new stop sign is installed and shall be used at all approaches for two weeks. The contractor shall also provide signage (temporary or new) for all-way stop control for a minimum of two weeks. The NEW TRAFFIC PATTERN AHEAD signs shall be kept in place for an additional two-week minimum after final signage is in place.
- shown on this plan sheet, see PCDOT/COT Signing and

REVISION DESCRIPTION

NEW STO	P CONTROL					
Bike Blvd Street	Cross Street					
9th Ave	Elm St					
9th Ave	Flores St					
9th Ave	Sahuro St					
9th Ave	Jacinto St					
5th St	Fifth Ave					
9th St	Cherry Ave					
Plummer Ave	8th St					
7th St	Wilson Ave					
7th St	Norton Ave					

SG04 OF SG11

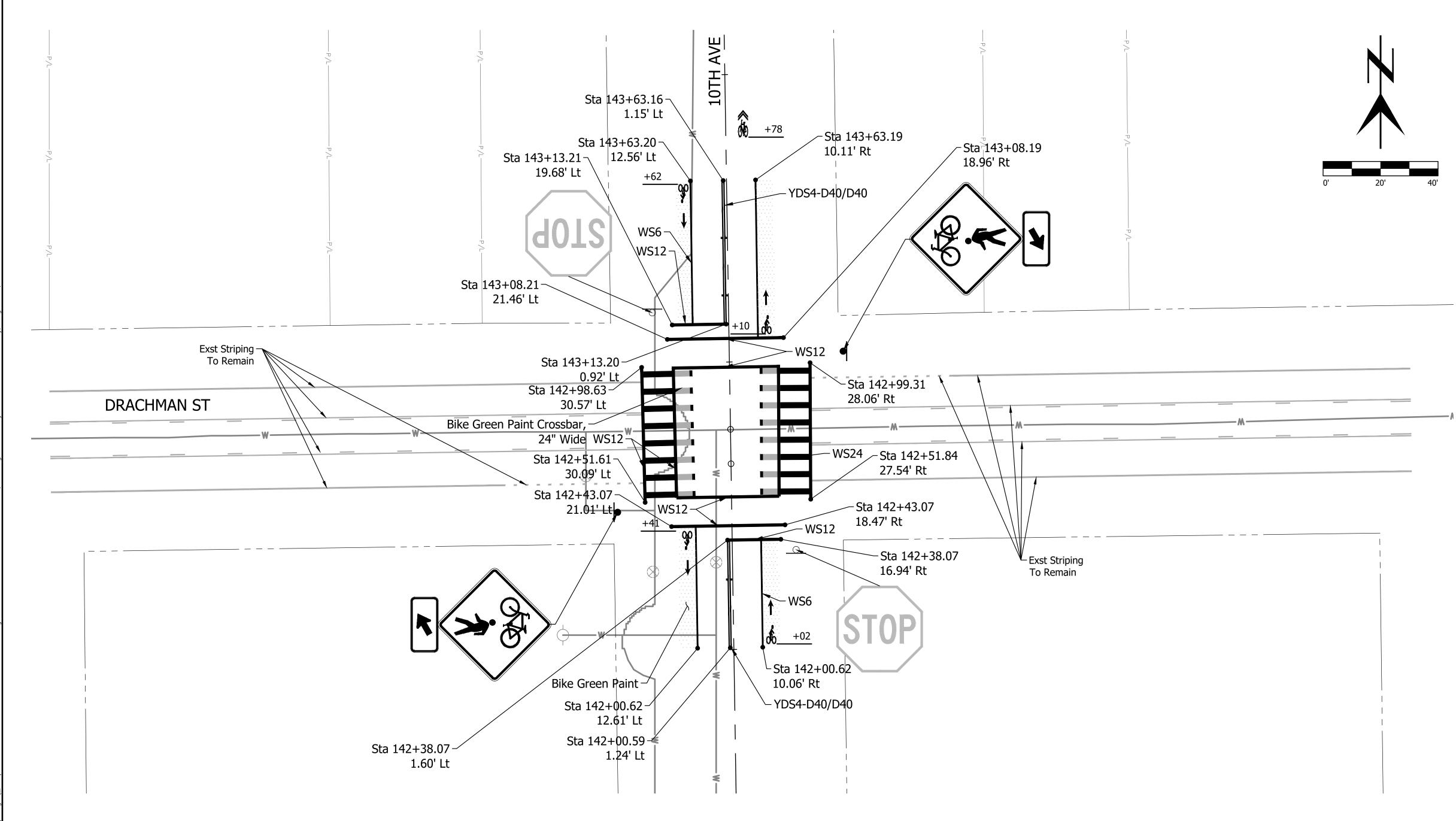
\_\_\_ SCALE: \_\_\_

3. For additional pavement marking and signing information not Marking Standards Sheet 5.3.

arkin	g Standar	ds Sheet 5.3.				DEPARTMENT OF	TRANSPORTATION	<u>1C</u>
	KIT & AS	TELSON 2 E CO TUCSO SOCIATES P 520.	DNGRESS ST DN, AZ <b>8</b> 570 <b>5</b> 44.4 <b>06</b> 7	TREET, SUITE 705 01 F 520.544.9616	CITY OF TUCSON		ST, AND 9TH ST LOWELL RD, 6TH AVE TO E	UC
					PRELIMINARY	APPROVALS	SIGNATORY	
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					REVIEW			$\dagger$
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ON/ENGINEERING DIVISION BICYCLE BOULEVARDS UCLID AVE, AND 4TH AVE TO TREAT AVE D MARKING SHEETS

TRANSPORTATION DIRECTOR CONSTRUCTION OR RECORDING U-2022-006 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. \_



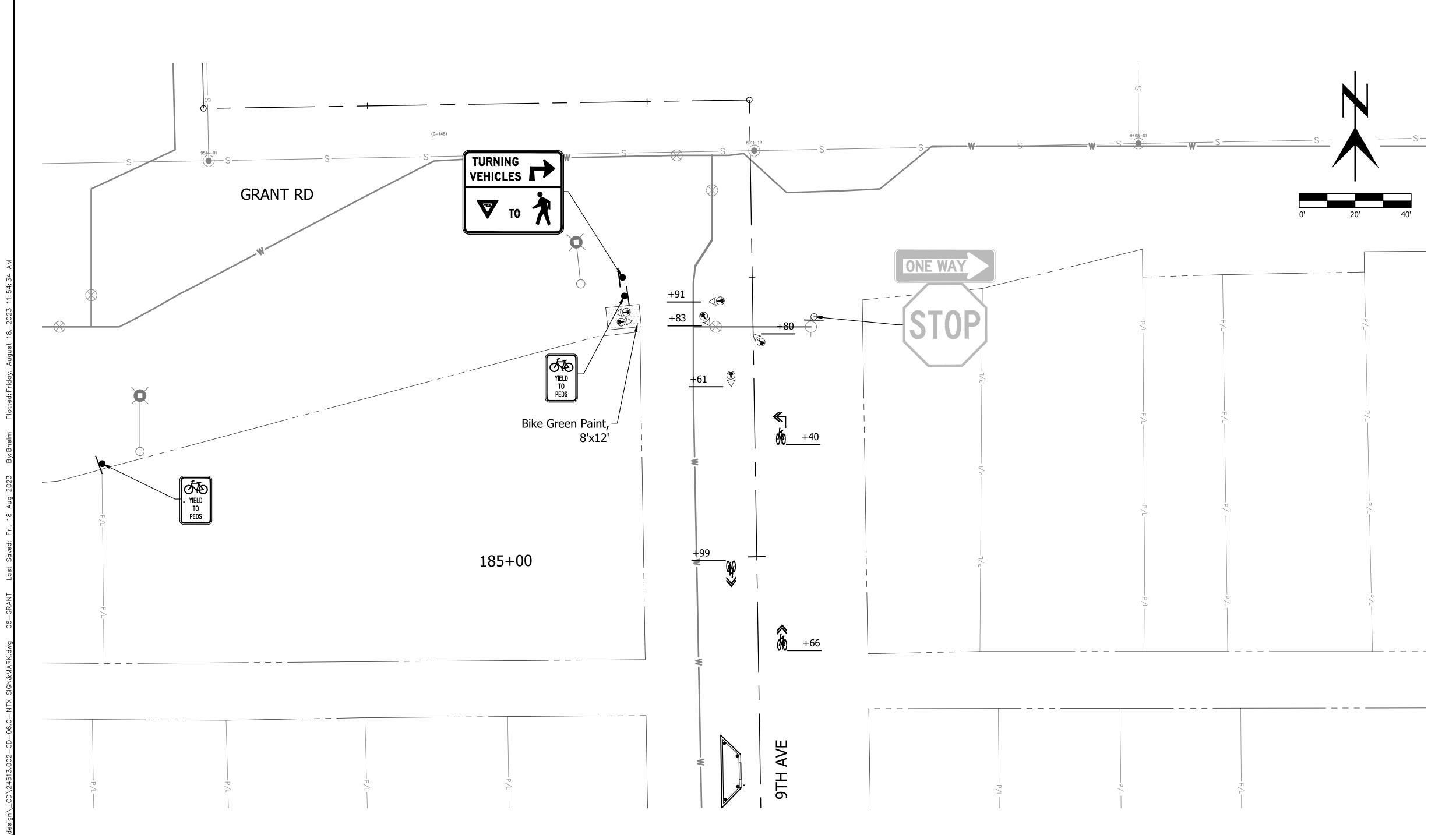
## PAVEMENT MARKING AND SIGNING NOTES

- 1. Contractor shall remove any thermoplastic markings from sewer manhole covers. The cost will be incidental to the project.
- 2. For additional pavement marking and signing information not shown on this sheet see PCDOT/COT Signing and Marking Standards.
- 3. For information of components and dimensions of crosswalks and bike crossings, see pavement Marking details on Sheet SG02.
- 4. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

SG05 OF SG11 DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE

		KITT & ASS	TUCSO	N. AZ <b>85</b>	701	SUITE 705 544.9616	CITY OF TUCSON	SAINT MARYS RD	TO FORT LOV		JCLID A\	CLE BOULEVARDS VE, AND 4TH AVE TO TREAT AVE RKING SHEETS	
							PRELIMINARY	APPROVALS	SIGN	NATORY	DATE	ADDDOVED 20	20
							90%					APPROVED 20	39 of
Contact Arizona 811 at least two full							REVIEW NOT FOR					TRANSPORTATION DIRECTOR	74
working days before you begin excavation							CONSTRUCTION					REF SCALE:1'	"=20'
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY <u>BDH</u> 20 <u>23</u>	DSGN. BY BDH	20 23 CHKD. BY FLG	20 23	PLAN NO. <u>U-2022-006</u>	)



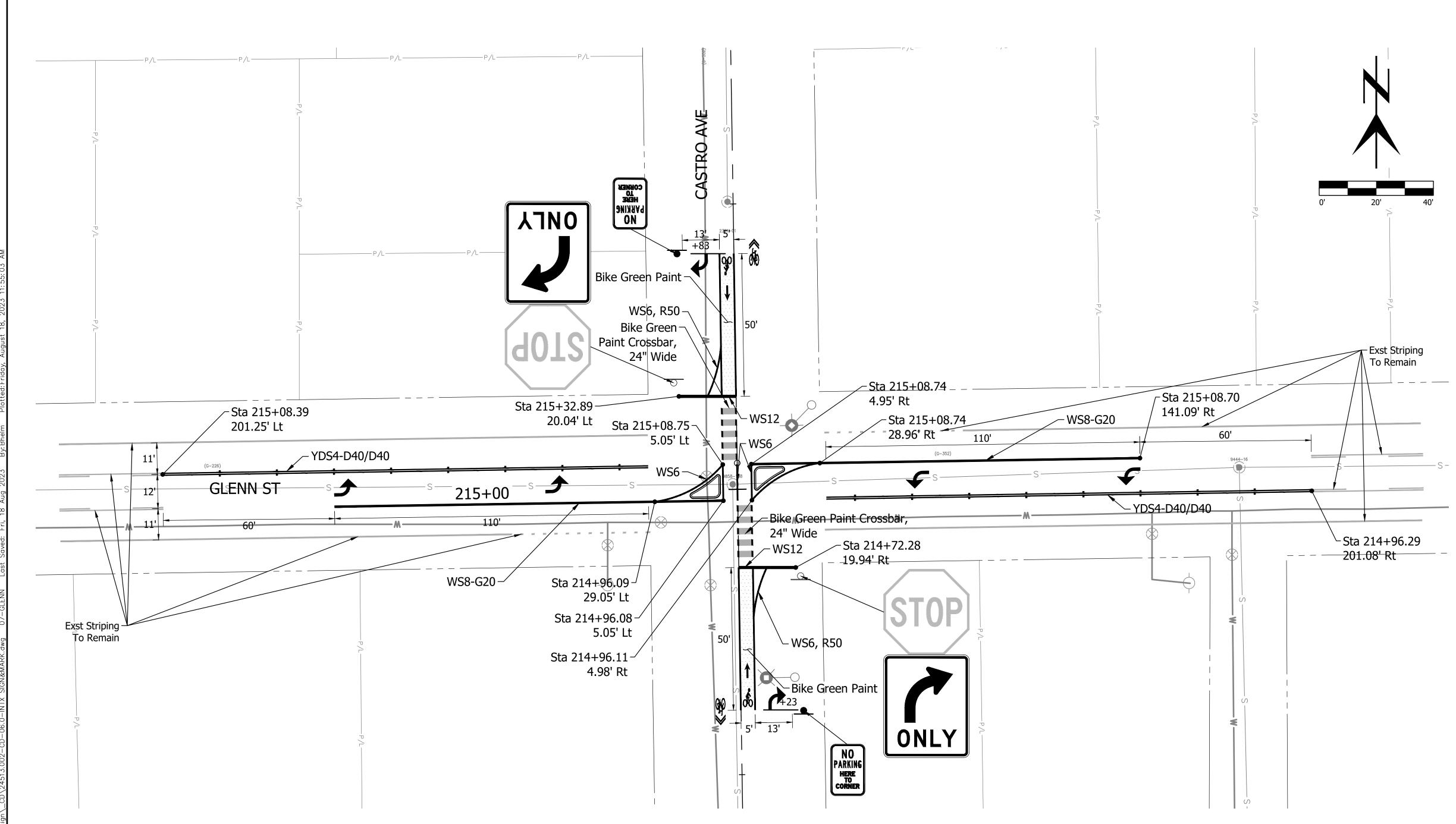
Call 811 or click Arizona811.

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SG06 OF SG11 DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

								DEFAITIBLE	11 OF TIVAIN	SFORTATIO		AGINELITING DIVISION	
		KIT & AS	TELSON 2 E CO TUCSO SOCIATES P 520.	ONGRESS ON, AZ <b>8</b> 5 544.40 <b>6</b> 7	STREET,: 5701 F 520.	SUITE 705 544.9616	CITY OF TUCSON	SAINT MARYS RD	TO FORT LOWELL R	D, 6TH AVE TO E	UCLID A	YCLE BOULEVARDS VE, AND 4TH AVE TO TREAT AVE RKING SHEETS	
							PRELIMINARY	APPROVALS	SIGNATORY		DATE		10
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wo full xcavation							REVIEW NOT FOR					TRANSPORTATION DIRECTOR	74
]] 11.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	CONSTRUCTION OR RECORDING	DRWN. BY <u>BDH</u> 20 <u>23</u>	DSGN. BY <u>BDH</u> 20 <u>2</u>	23 CHKD. BY FLG	20 23	REF SCALE:1 PLAN NO U-2022-006	



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DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

CITY OF TUCSON 2 E CONGRESS STREET, SUITE 705 TUCSON AZ 85701 P \$20.544.9616

CITY OF TUCSON SIGNING AND MARKING SHEETS

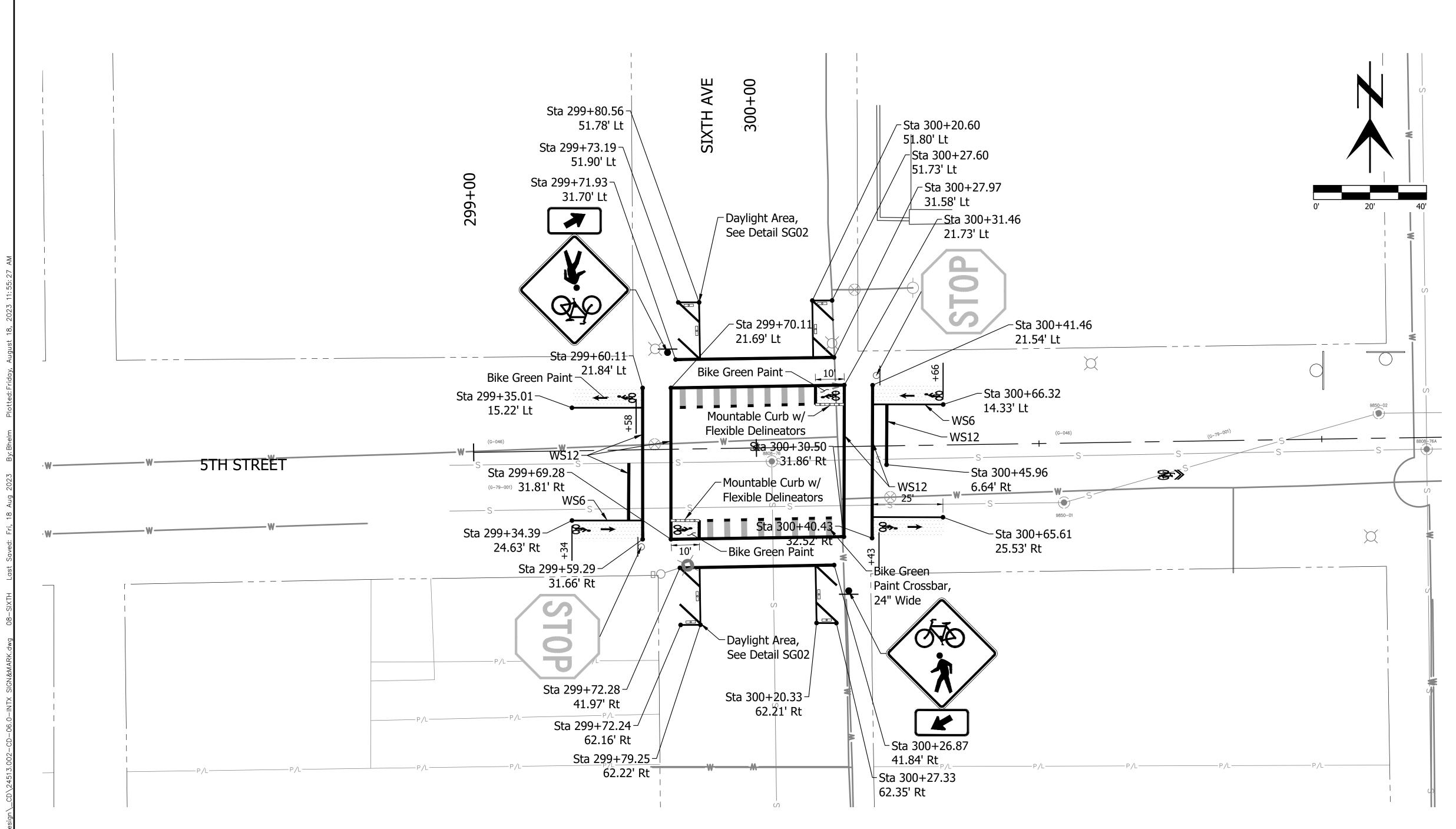
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PROVALS SIGNATORY DATE

APPROVALS SIGNATORY DATE

OF TRANSPORTATION DIRECTOR

OF TRANSPORTAT

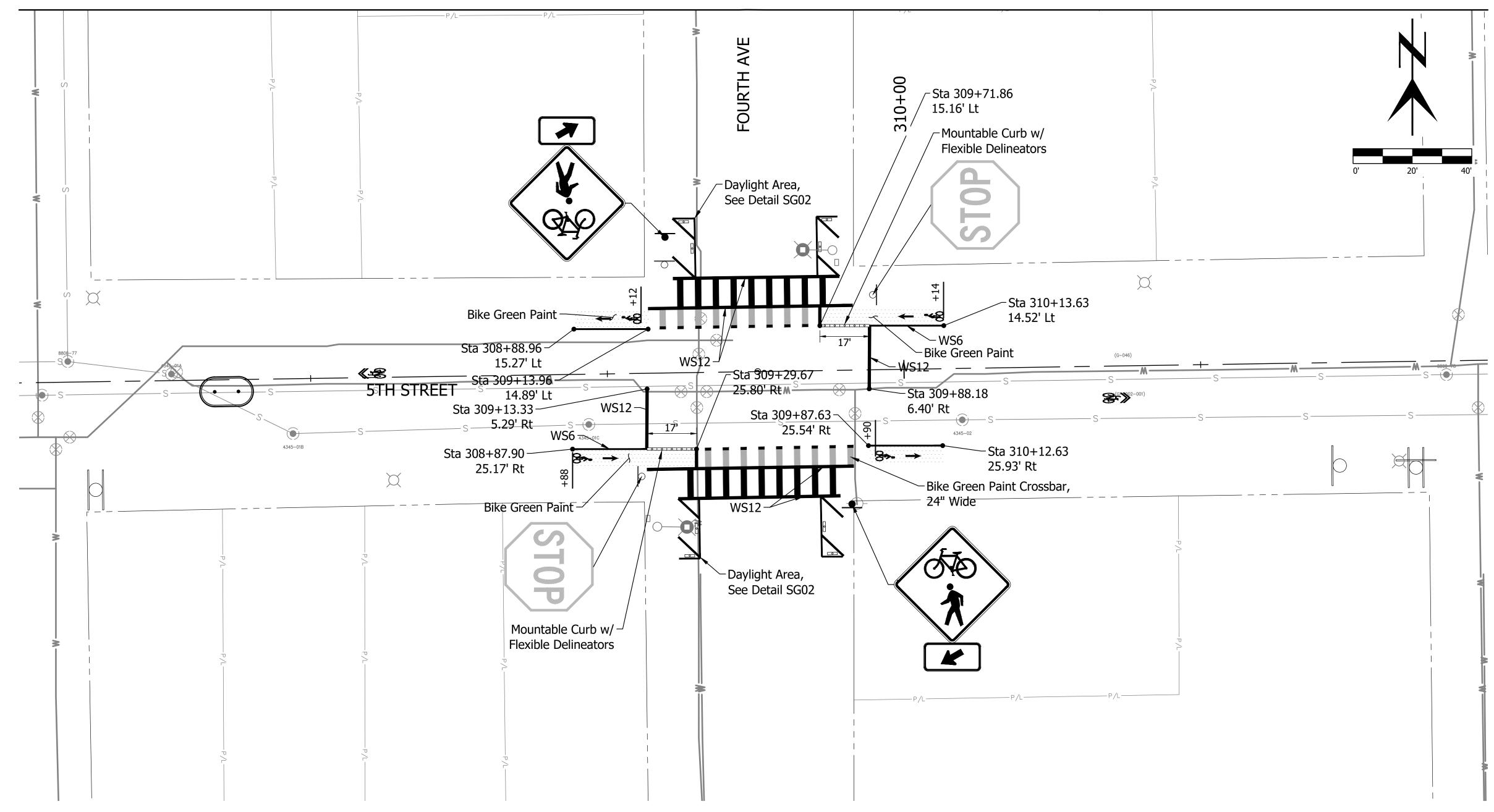


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SG08 OF SG11

								DEPARTMENT (	F TRANSPORTAT	ION/EN	NGINEERING DIVISIO	N
ĺ		KIT	TELSON 2ECO	NGRESS :	STREET, S	SUITE 705	CITY OF TUCSON	1	•		YCLE BOULEVARDS VE, AND 4TH AVE TO TREAT AVE	
		& ASS	SOCIATES P 520.	544.40 <b>6</b> 7	F 520.5	544.9616	TUCSON	INTERS	ECTION SIGNING A	ND MAI	RKING SHEETS	
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							90%					OF
							REVIEW					74
Contact Arizona 811 at least two full working days before you begin excavation							NOT FOR				TRANSPORTATION DIRECTOR	
AR ZONASII							CONSTRUCTION				REF SCALE:	
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. B	/ <u>BDH</u> 20 <u>23</u> CHKD. BY <u>FL</u> 0	<u>20 23</u>	PLAN NOU-2022-006	



AR ZONASII.
Call 811 or click Arizona811.c

# PAVEMENT MARKING AND SIGNING NOTES

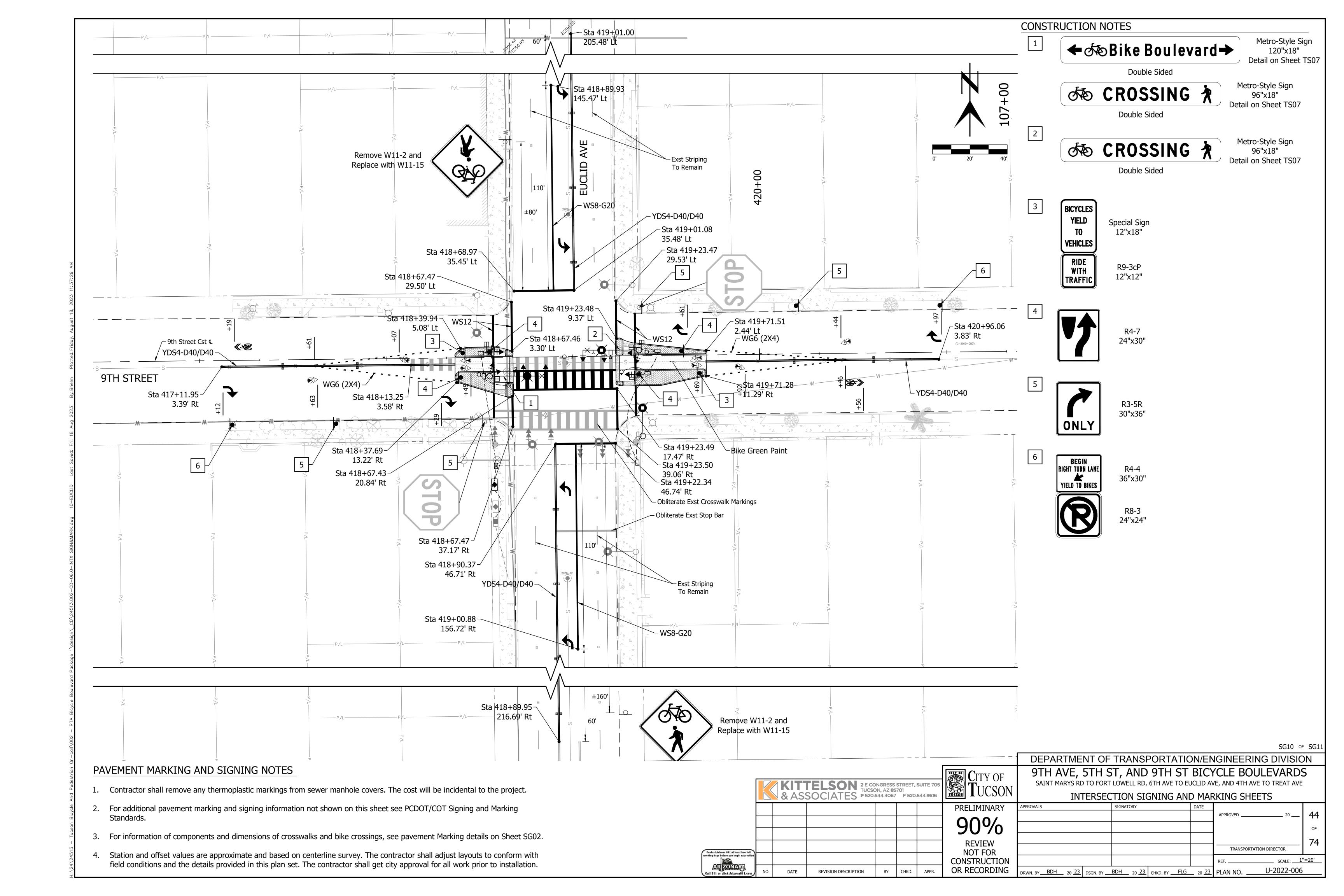
- 1. Contractor shall remove any thermoplastic markings from sewer manhole covers. The cost will be incidental to the project.
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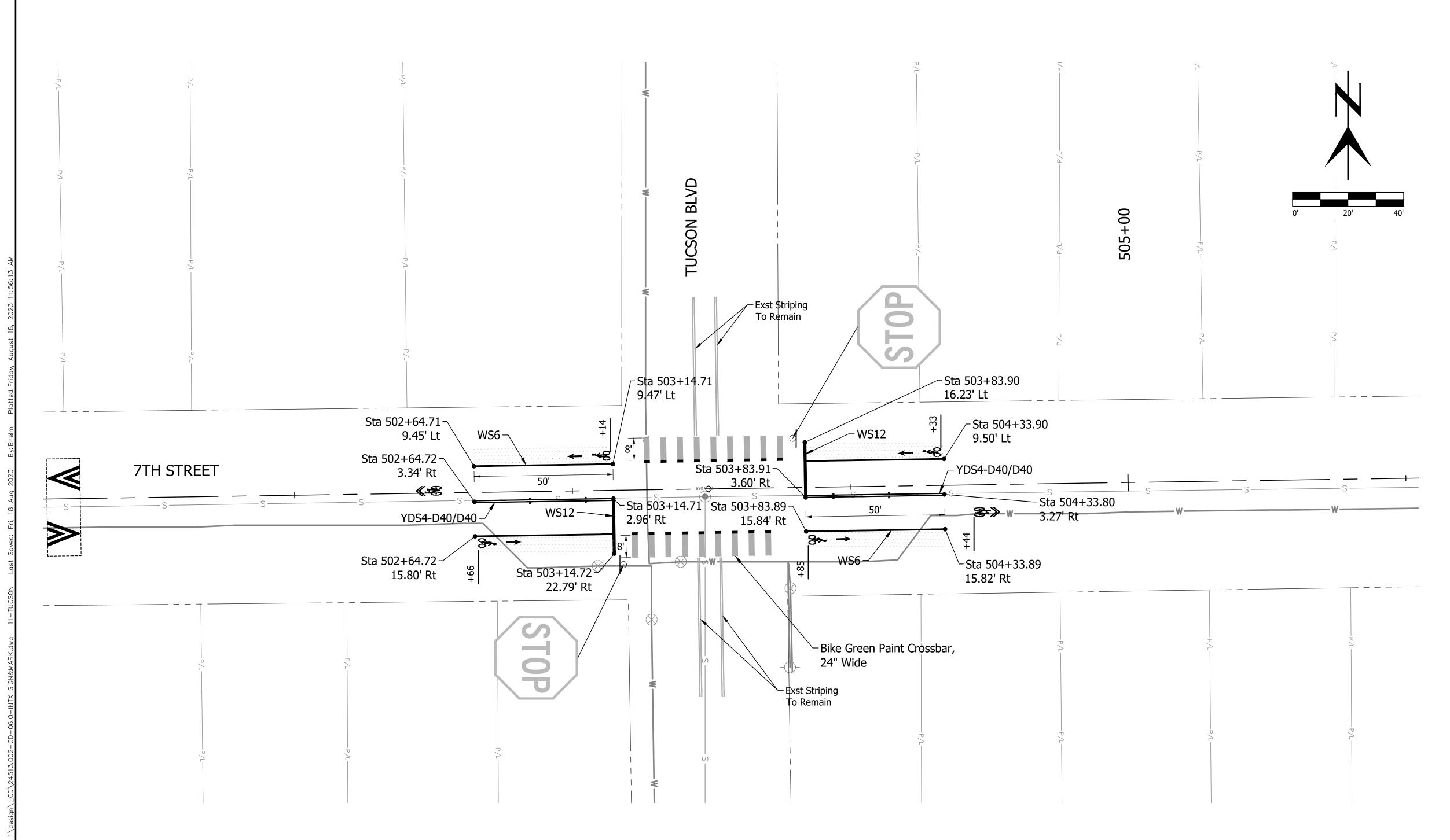
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006

KITTELSON 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 TUCSON AZ 85701 TUCS

OR RECORDING





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DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE INTERSECTION SIGNING AND MARKING SHEETS

SG11 OF SG11

CITY OF TUCSON PRELIMINARY APPROVALS 90% REVIEW NOT FOR TRANSPORTATION DIRECTOR Call 811 or click Arizona811 CONSTRUCTION \_\_\_\_ SCALE: \_\_\_1"=20' OR RECORDING U-2022-006 DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. BY <u>BDH</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO. \_\_\_

### 9TH AVENUE WAYFINDING SIGNS Туре Offset Legend Location / Remarks Station Sign Code 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 98+42 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 98+44 29' Lt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 98+93 32' Rt 9th Avenue Bike Blvd 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 101+24 | 25' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 108+13 | 23' Lt 9th Avenue Bike Blvd 24 | 36 | 6.00 | XI | 1 | P-1 | 12 108+13 44' Lt 9th Street Bike Blvd X | - | - | - | 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 109+23 554' Lt BB-14 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 110+25 | 30' Lt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 113+39 | 21' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 114+53 549' Rt 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 114+64 27' Rt Bike Blvd Wayfinding (See SG03) 24 | 36 | 6.00 | XI | 1 | P-1 | 12 114+65 | 24' Lt BB-11 24 | 36 | 6.00 | XI | 1 | P-1 | 12 9th Avenue Bike Blvd 115+14 | 28' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 115+14 | 50' Rt BB-2 9th Avenue Bike Blvd 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 117+98 51' Lt BB-11 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 127+34 45' Lt Bicycle Boulevard SPEED LIMIT 20 24 | 48 | 8.00 | XI | 1 | P-1 | 12 127+84 23' Lt 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 145+08 23' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 145+57 45' Rt BB-2 9th Avenue Bike Blvd Bike Blvd Wayfinding (See SG03) 24 | 36 | 6.00 | XI | 1 | P-1 | 12 150+19 24' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 151+25 | 13' Lt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 153+97 28' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 154+03 48' Lt BB-2 9th Avenue Bike Blvd 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 154+53 | 25' Lt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 Bike Blvd Wayfinding (See SG03) 155+84 21' Lt 24 | 48 | 8.00 | XI | 1 | P-1 | 12 Bicycle Boulevard SPEED LIMIT 20 156+00 32' Rt 24 | 36 | 6.00 | XI | 1 | P-1 | 12 156+49 55' Rt 9th Avenue Bike Blvd

## 9TH AVENUE WAYFINDING SIGNS

\*\*EXECUTE: 105 | CONGRESS STREET, SUITE 705 | TUCSON, AZ 85701 | P 520.544.4067 | F 520.544.9616

REVISION DESCRIPTION

AR ZONASII Call 811 or click Arizona811.c

							Exis	st							(ft)	
18-10-12   18-1	Station	Offset	Sign Code				Remain	Relocate				Min Sheeting Type	Number of Posts		Total length	Location / Remarks
185-24	184+72	24' Rt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
185-60 281 1 88 8 Non-New Mondring (See 5053)	184+72	45' Lt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
185166   522   1	185+24	22' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	ΧI	1	P-1	12	
1965-77   17   18   18   18   18   18   18	185+60	304' Lt	BB-9	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
188-15   134   1	185+66	322' Lt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
188-191 48 LL 98 B Note that Wary finding (See Sc00)	185+79	51' Lt	BB-9	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
189-18 133*1LT 89-8 Bike Bird Waythrining (See SCG3)	188+83	146' Lt	BB-9	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
189196 21'tt 888 8 Bike Blyd Wayfinding (See SCO3)	188+91	48' Lt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
189-9-9 21' R	188+98	131' Lt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
199-14	189+60	21' Lt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
203-76	189+94	21' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
213-156	190+44	44' Rt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	XI	1	P-1	12	
2216-49	203+26	44' Rt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	XI	1	P-1	12	
216-49	213+56	45' Lt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	XI	1	P-1	12	
216-199 45' Rt BB-2 9th Avenue Bike Blvd	214+05	22' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
225+86 44'Lt BB-2 9th Avenue Bike Blwd	216+49	22' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
226+36 21' Lt BB-16 Bike Blvd Wayfinding (See SG03)	216+99	45' Rt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	XI	1	P-1	12	
227+15	225+86	44' Lt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
227+99 738'Lt BB-17 Bike Blvd Wayfinding (See SG03)	226+36	21' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	ΧI	1	P-1	12	
229+54 37' Lt BB-18 Bike Blvd Wayfinding (See SG03)	227+15	22' Rt	BB-16	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
233+56 16' Rt BB-18 Bike Blvd Wayfinding (See SG03)	227+99	738' Lt	BB-17	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
235+13 734'Rt BB-17 Bike Blvd Wayfinding (See SG03) X 24 36 6.00 XI 1 P-1 12  235+64 21'Rt BB-1 Bicycle Boulevard SPEED LIMIT 20 X 24 48 8.00 XI 1 P-1 12  235+98 24' Lt BB-16 Bike Blvd Wayfinding (See SG03) X 24 36 6.00 XI 1 P-1 12	229+54	37' Lt	BB-18	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
235+64 21' Rt BB-1 Bicycle Boulevard SPEED LIMIT 20 X 24 48 8.00 XI 1 P-1 12  235+98 24' Lt BB-16 Bike Blvd Wayfinding (See SG03) X 24 36 6.00 XI 1 P-1 12	233+56	16' Rt	BB-18	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
235+98 24' Lt BB-16 Bike Blvd Wayfinding (See SG03) X 24 36 6.00 XI 1 P-1 12	235+13	734' Rt	BB-17	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
	235+64	21' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
236+13 44' Rt BB-2 9th Avenue Bike Blvd X 24 36 6.00 XI 1 P-1 12	235+98	24' Lt	BB-16	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	XI	1	P-1	12	
	236+13	44' Rt	BB-2	9th Avenue Bike Blvd	X	-	-	-	24	36	6.00	XI	1	P-1	12	

Notes

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DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SM01 OF SM01

CITY OF TUCSON		•	Γ LOWELL RD,		JCLID A\	YCLE BOULEVAR VE, AND 4TH AVE TO TREAT A TS	
PRELIMINARY	APPROVALS		SIGNATORY		DATE	100001/50	16
1000						APPROVED 20	_  46
90%							OF
- REVIEW							_
NOT FOR						TRANSPORTATION DIRECTOR	
CONSTRUCTION						REF SCALE: _	
OR RECORDING	DRWN. BY BDH 2	0 23 DSGN. BY _	BDH <sub>20</sub> <u>23</u>	CHKD. BY FLG	20 23	PLAN NOU-2022-0	06

# 5TH STREET WAYFINDING SIGNS

								_		-				
Station	Offset	Sign Code	Legend	New	ove	Remain six	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
301+28	34' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	Х	-		24	48	8.00	ΧI	1	P-1	12	
301+93	57' Rt	BB-3	5th Street Bike Blvd	X	-		24	36	6.00	XI	1	P-1	12	
308+38	27' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-		24	48	8.00	XI	1	P-1	12	
310+78	36' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-		24	48	8.00	ΧI	1	P-1	12	
311+28	59' Rt	BB-3	5th Street Bike Blvd	X	-		24	36	6.00	XI	1	P-1	12	
327+30	49' Lt	BB-3	5th Street Bike Blvd	X	-		24	36	6.00	XI	1	P-1	12	
327+68	27' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-		24	48	8.00	ΧI	1	P-1	12	
328+80	3' Lt	BB-7	Bike Blvd TOUCAN	X	-		120	18	15.00	XI	-	-	-	

## Notes

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# 9TH STREET WAYFINDING SIGNS

						Exis	st							(ff.)	
Station	Offset	Sign Code	Legend	New	Remove	Remain	Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (f	Location / Remarks
401+62	26' Lt	BB-19	Bike Blvd Wayfinding (See SG03)	Х	-	-	-	24	36	6.00	ΧI	1	P-1	12	
			D:					24	40	0.00	VI	4		42	
401+84	36' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
402+70	35' Rt	BB-4	9th Street Bike Blvd	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
404+26	33' Rt	BB-20	Bike Blvd Wayfinding (See SG03)	Х	-	-	-	24	36	6.00	XI	1	P-1	12	
405+17	25' Lt	BB-21	Bike Blvd Wayfinding (See SG03)	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
417+09	48' Lt	BB-3	5th Street Bike Blvd	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
417+52	26' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	ΧI	1	P-1	12	
418+63	10' Rt	BB-7	Bike Blvd TOUCAN	X	-	-	-	120	18	15.00	ΧI	-	-	_	
		SPECIAL	Metro Style Bike Crossing See TS07	Х	-	-	-	96	18	12.00	ΧI	-	-	-	
419+25	3' Lt	SPECIAL	Metro Style Bike Crossing See TS07	X	_	_	-	96	18	12.00	ΧI	_	-	_	
413123	3 20	JI ECIAL													
421+01	36' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	ΧI	1	P-1	12	
421+42	57' Rt	BB-4	9th Street Bike Blvd	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
428+99	37' Lt	BB-4	9th Street Bike Blvd	Х	-	-	-	24	36	6.00	ΧI	1	P-1	12	
442.20	40111	DD 4		X		_	_	24	36	6.00	ΧI	1	P-1	12	
443+30	48' Lt	BB-4	9th Street Bike Blvd			_		24	30	0.00	AI .	1	L-1	12	
443+79	34' Rt	BB-22	Bike Blvd Wayfinding (See SG03)	Х	-	-	-	24	36	6.00	ΧI	1	P-1	12	
443+79	26' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	ΧI	1	P-1	12	
445+99	35' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	Х	-	-	-	24	48	8.00	XI	1	P-1	12	
										0.00				- 10	
446+00	26' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
446+57	58' Rt	BB-4	9th Street Bike Blvd	Х	-	-	-	24	36	6.00	XI	1	P-1	12	
465+15	50' Lt	BB-4	9th Street Bike Blvd	X	-	-	-	24	36	6.00	ΧI	1	P-1	12	
										_					
465+57	28' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	-	24	48	8.00	XI	1	P-1	12	
466+43	45' Rt	BB-7	Bike Blvd TOUCAN	X	-	-	-	120	18	15.00	ΧI	-	-	-	
468+43	40' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	Х	-	-	-	24	48	8.00	ΧI	1	P-1	12	
470+02	20/14	DD 1	Bicycle Boulevard SPEED LIMIT 20	X	_	_		24	48	8.00	ΧI	_	_	_	
479+03	20' Lt	BB-1 R2-1(25)	SPEED LIMIT 25	-	X		-	30	36	7.50	XI	-	-	_	REMOVE
480+15	19' Lt	D11-1 BB-4	9th Street Bike Blvd	- X	X -	-	-	24	18 36	3.00 6.00	XI XI	-	-	-	REMOVE
		-4	שוו שוו ככנ שואכ שועם				+ +			2.55					

SM02 OF SM01

								DEPARTMENT O	F TRANSPORTAT	ION/EN	NGINEERING DIVISION	NC
		KIT & AS	I EEOON TUO	CONGRESS SON, AZ 8: 20.544.406	5701	SUITE 705 .544.9616	CITY OF TUCSON	1	•	EUCLID A	YCLE BOULEVARDS VE, AND 4TH AVE TO TREAT AVE TS	
Γ							PRELIMINARY	APPROVALS	SIGNATORY	DATE		
f							$\Omega$				APPROVED 20	47
ŀ							90%					OF
ŀ					<u> </u>		l REVIEW					74
7							NOT FOR				TRANSPORTATION DIRECTOR	
							CONSTRUCTION				REF SCALE:	
	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY BDH 20 23 DSGN. BY	BDH 20 23 CHKD. BY FLO	G 20 23	PLAN NOU-2022-006	5

## 9TH STREET WAYFINDING SIGNS

				*		Remain six	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	
Station	Offset	Sign Code	Legend	New	Re	R &	Wi	유	Are	Mir	Nu Pos	Po	To	Location / Remarks
480+21	30' Rt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-   -	24	36	6.00	XI	1	P-1	12	
481+99	22' Lt	BB-9	Bike Blvd Wayfinding (See SG03)	X	-		24	36	6.00	XI	-	-	-	
		D11-1	Bike Route	-	Х		24	18	3.00	ΧI	-	-	-	REMOVE
489+19	19' Rt	BB-9	Bike Blvd Wayfinding (See SG03)	X	_		24	36	6.00	XI	1	P-1	12	
491+38	28' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-		24	48	8.00	XI	1	P-1	12	
											_			
491+66	20' Lt	BB-8	Bike Blvd Wayfinding (See SG03)	X	-	-   -	24	36	6.00	XI	1	P-1	12	
491+88	28' Rt	BB-4	9th Street Bike Blvd	Х	-		24	36	6.00	XI	1	P-1	12	
502+10	23' Lt	BB-4	9th Street Bike Blvd	Х	-		24	36	6.00	ΧI	1	P-1	12	
502+60	22' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	Х	-		24	48	8.00	ΧI	1	P-1	12	
504+32	27' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	Х	-	-   -	24	48	8.00	ΧI	1	P-1	12	
504+82	28' Rt	BB-4	9th Street Bike Blvd	X	-	-   -	24	36	6.00	XI	1	P-1	12	
515+14	21' Lt	BB-4	9th Street Bike Blvd	X	-	-   -	24	36	6.00	XI	1	P-1	12	
515+71	33' Rt	BB-24	Bike Blvd Wayfinding (See SG03)	X	-	-   -	24	36	6.00	XI	1	P-1	12	
515+82	19' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-   -	24	48	8.00	XI	1	P-1	12	
516+36	69' Lt	BB-26	Bike Blvd Wayfinding (See SG03)	X	_		24	36	6.00	XI	1	P-1	12	
220.30		20 20					'		3.55		_		_ <b></b>	
516+85	79' Rt	BB-25	Bike Blvd Wayfinding (See SG03)	X	-		24	36	6.00	XI	1	P-1	12	

# Notes

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

SIGN SUMMARY SHEETS

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE

SIGN SUMMARY SHEETS

ASSOCIATES P520.544.4067 F520.544.9616

PRELIMINARY

90%

REVIEW

NOT FOR

CONSTRUCTION

TE REVISION DESCRIPTION

BY CHKD. APPR.

OR RECORDING

Contact Arizona 811 at least two full working days before you begin excavation

AR ZONASII

Call 811 or click Arizona811.com

	TS	SHEE	SIGN SUMMARY	
		DATE	SIGNATORY	PROVALS
48	APPROVED 20			
OF				
74				
	TRANSPORTATION DIRECTOR			
	REF SCALE:			

DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006

SM03 OF SM01

Station	Offset	Sign Code	Legend	New	ove	Remain Remain		Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
99+57	29' Rt	SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3	ΧI	-	-	-	
		R1-2	Yield	-	Х	-	-	30	30	6.25	ΧI	-	-	-	REMOVE
99+82	55' Lt	R1-1	Stop	X	+		-	30	30	6.25	XI	-	-	-	DENAME
		SPR04-10	KEEP RIGHT	-	- X	+~	-	18 30	24 30	6.25	XI	-	-	-	REMAIN REMOVE
		R1-2	Yield				_	30		0.23	XI	_			KLIVIOVE
100+25	43' Rt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	-	-	_	
		SPR04-10	KEEP RIGHT	-	-	X	-	18	24	3	ΧI	-	-	-	REMAIN
		R1-2	Yield	-	X	-	-	30	30	6.25	ΧI	-	-	-	REMOVE
100+33	29' Lt	SPRO4-10	KEEP RIGHT	X			-	18	24	3	XI	-	-	-	
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
104.3-	271.5	D. 1. 2	No. 1.1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			20	20	6 25	VI				DEMOVE
104+35	27' Rt	R1-2	Yield	- X	X	-	-	30 18	30 24	6.25	XI XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	^	-	-	-	10	<b>- 4</b>	3	\\	-	-	_	
104+57	53' Lt	SPR04-10	KEEP RIGHT	-	_	X	-	18	24	3	XI	-	-	_	REMAIN
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		R1-1	Stop	Х	-	_	-	30	30	6.25	XI	-	-	-	
105+02	31' Rt	R1-1	Stop	X	_	-	-	30	30	6.25	ΧI	-	-	-	
		SPR04-10	KEEP RIGHT	-	-	+~	-	18	24	3	ΧI	-	-	-	REMAIN
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
				V				10	24	2	VI				
105+08	23' Lt	SPRO4-10	KEEP RIGHT	X -	- X		_	18 30	30	6.25	XI XI	-	-		REMOVE
		R1-2	Yield				_	30		0.23	XI	_	_	_	KLIVIOVE
105+75	22' Rt	W17-1 Mod	Speed Humps Ahead	X	_	_	-	30	30	6.25	XI	1	P-1	12	
200 1 7 0		W13-1P (15)	Advisory Speed 15 MPH	X	-	-	-	18	18	2.25	ΧI	-	-	-	
109+08	21' Rt	R1-2	Yield	-	X	-	-	30	30	6.25	ΧI	-	-	-	REMOVE
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-		-	24	12	2	ΧI	-	-	-	
		SPRO4-10	KEEP RIGHT	-	-	X	-	18	24	3	XI	-	-	_	REMAIN
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
100 : 24	F4411+	D4 2	W: a.l.d	_	X	_	_	30	30	6.25	XI	_	_	_	REMOVE
109+31	511' Lt	R1-2 SPRO4-10	Yield KEEP RIGHT		_	<b>+</b>	_	18	24	3	XI	-			REMAIN
		3PNO4-10	REEF RIGHT					10			/\l				TELY) III
109+63	51' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	_	
		R1-1	Stop	Х	-	-	_	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	-	-	Х	-	18	24	3	ΧI	-	-	-	REMAIN
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
								- 40							DENAMA
109+97	16' Lt	SPRO4-10	KEEP RIGHT	-	- X	+~	-	18 30	30	3	XI XI	-	-	-	REMAIN
		R1-2	Yield	-	^	-	-	50	3U	6.25	٨١	-	-	-	REMOVE
111+42	17' Rt	W17-1 Mod	Speed Humps Ahead	X	-	-	_	30	30	6.25	XI	1	P-1	12	
	±/ I\L	W13-1P (15)	Advisory Speed 15 MPH	X			_	18	18	2.25	XI	-	-	-	
		. ,													
111+73	28' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN

## 9TH AVENUE REGULATORY SIGNS

						Exis	st								
Station	Offset	Sign Code	Legend	New	Remove			Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
112+04	19' Rt	R1-1	Stop	_	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
113+74	28' Lt	W17-1 Mod	Speed Humps Ahead	Х	-	-	-	30	30	6.25	ΧI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	Х	-	-	-	18	18	2.25	ΧI	-	-	-	
113+82	7' Rt	R1-2	Yield		X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X	-	<u> </u>	-	18	24	3	XI	-	-	-	
					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			20	20	C 25	VI				DENAOVE.
114+02	38' Lt	R1-2	Yield	-	X	-   X	-	30 18	30	6.25	XI XI	-	-	-	REMOVE
		SPRO4-10	CROSS TRAFFIC DOES NOT STOP (plaque)	- X	-	_	-	24	24 12	2	XI	-	-	_	REMAIN
		W4-4P R1-1	Stop	X	_	-	_	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
		IVT-T								0.25	7	_			
114+55	20' Lt	R1-2	Yield		X	-	_	30	30	6.25	ΧI	_	-	_	REMOVE
30		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х	-	-	-	24	12	2	ΧI	_	-	-	
		R1-1	Stop	Х	_	_	_	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	-	-	Х	_	18	24	3	ΧI	-	-	-	REMAIN
115+60	56' Rt	R3-5R	Right Turn Only	X	-	-	-	30	36	7.5	XI	-	-	-	
														_	
115+89	29' Rt	W17-1 Mod	Speed Humps Ahead	X	-	<b>  -</b>	-	30	30	6.25	XI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	X	-	<del>  -</del>	-	18	18	2.25	ΧI	-	-	-	
117.00	22'1+	W/17 1 Mod	Speed Humps Ahead	X	_	<u> </u>		30	30	6.25	ΧI	1	P-1	12	
117+98	23' Lt	W17-1 Mod W13-1P (15)	Advisory Speed 15 MPH	X	_	+-	_	18	18	2.25	XI	_	-	-	
		W13 11 (13)	Marisory Speed 15 Mil II						10	2.23	7(1				
118+65	22' Rt	R1-2	Yield		X	-	-	30	30	6.25	ΧI	-	-	_	REMOVE
		SPRO4-10	KEEP RIGHT	_	-	Х	-	18	24	3	ΧI	-	-	-	REMAIN
118+84	44' Lt	SPRO4-10	KEEP RIGHT	_	-	X	-	18	24	3	XI	-	-	-	REMAIN
		R1-1	Stop	X	-	-	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
110.15	221.51	CDDQ4.40	WEED DIGUT			X		18	24	3	ΧI				DENAMA
119+15	32' Rt	SPRO4-10 W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	- X	-	-	-	24	12	2	XI	-	-	_	REMAIN
		R1-2	Yield	-	Х	-	_	30	30	6.25	XI	_	-	_	REMOVE
		R1-1	Stop	Х		-	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
119+42	12' Lt	SPRO4-10	KEEP RIGHT	-	-	Х	_	18	24	3	ΧI	-	-		REMAIN
		R1-2	Yield	-	Х	-	-	30	30	6.25	ΧI	_	-	-	REMOVE
123+43	22' Rt	R1-2	Yield	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
400	401 -				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			2.4	10	2	VI				DEMOVE
123+94	43' Rt	D11-1	Bike Route	-	X	<del>  -</del>	-	24	18	3	XI	-	-	_	REMOVE
124+01	22' Lt	R1-2	Yield		_	X	_	30	30	6.25	ΧI	_	_	_	REMAIN
124†U1	ZZ Ll	ντ-ς	neu			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			30	J.2J	\(\alpha\)				
124+04	22' Rt	W17-1	Speed Hump Ahead		-	-	-	30	30	6.25	ΧI	-	-	_	REPLACE
		W13-1P	Advisory Speed 15 MPH		_	_	-	18	18	2.25	ΧI	_	_	_	REPLACE
	ļ	AA 12-15	· · · · · · ·										ı		

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

Notes

KITTELSON 2 E CONGRESS STREET, SUITE 705
TUCSON, AZ 85701

& ASSOCIATES P 520.544.4067 F 520.544.9616

CITY OF
TUCSON
TUCSON PRELIMINARY REVIEW
NOT FOR
CONSTRUCTION
OR RECORDING

REVISION DESCRIPTION

Contact Arizona 811 at least two full working days before you begin excavation

AR ZOLASII

Call 811 or click Arizona811.com

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SM04 OF SM01

SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE													
SIGN SUMMARY SHEETS													
APPROVALS													
			APPROVED 20	49									
				OF									
				74									
			TRANSPORTATION DIRECTOR	7 7									
			REF SCALE:										
DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. BY	BDH 20 23 CHKD. BY FLG	20 23	PLAN NO. <u>U-2022-006</u>										

#### 9TH AVENUE REGULATORY SIGNS Station Offset Sign Code Legend Location / Remarks 30 30 6.25 XI - REMAIN 142+34 22' Rt R1-1 Bicycle & Pedestrian 30 | 30 | 6.25 | XI | 1 | P-1 | 12 142+48 | 40' Lt W16-7P (Lt) Downward Diagonal Arrow (plaque) 24 | 12 | 2 | XI 30 | 30 | 6.25 | XI | 1 | P-1 | 12 Bicycle & Pedestrian W11-15 143+03 40' Rt 24 | 12 | 2 | XI W16-7P (Lt) Downward Diagonal Arrow (plaque) 30 30 6.25 XI - REMAIN 143+18 27' Lt R1-1 18 | 24 | 3 | XI | 1 | P-1 | 12 SPRO4-10 KEEP RIGHT 146+19 51' Lt 18 24 3 XI SPRO4-10 KEEP RIGHT 146+40 | 19' Rt 30 30 6.25 XI -- REMOVE R1-2 30 | 30 | 6.25 | XI | 1 | P-1 | 13 146+54 34' Lt R1-1 18 | 24 | 3 | XI | SPRO4-10 KEEP RIGHT CROSS TRAFFIC DOES NOT STOP (plaque) 24 | 12 | 2 | XI 18 | 24 | 3 | XI 146+93 | 35' Rt SPRO4-10 KEEP RIGHT 24 | 12 | 2 | XI CROSS TRAFFIC DOES NOT STOP (plaque) W4-4P 30 | 30 | 6.25 | XI | 1 | P-1 | 13 R1-1 18 24 3 XI SPRO4-10 KEEP RIGHT 147+06 21' Lt 30 | 30 | 6.25 | XI -- REMOVE R1-2 24 | 24 | 4 | XI | 1 | P-1 | 12 No Parking (symbol) 148+82 500' Rt R8-3 18 | 24 | 3 | XI | 1 | P-1 | 12 154+60 | 65' Rt SPRO4-10 KEEP RIGHT - X - 30 30 6.25 XI 154+74 28' Rt R1-1 - REMAIN No Parking (symbol) X - - - 24 24 4 XI 1 P-1 12 154+79 51' Rt - | - | X | - | 30 | 30 | 6.25 | XI R1-1 - REMAIN 155+21 33' Rt X - - 30 30 6.25 XI - REMOVE 158+59 22' Rt R1-1 30 30 6.25 XI 1 P-1 12 Stop 158+72 37' Lt R1-1 X - - - 30 30 6.25 XI 1 P-1 12 159+16 33' Rt R1-1 30 30 6.25 XI -- REMOVE 159+30 20' Lt R1-1 18 24 3 XI 1 P-1 12 SPRO4-10 KEEP RIGHT 162+51 20' Rt 24 12 2 XI CROSS TRAFFIC DOES NOT STOP (plaque) 162+67 32' Lt W4-4P 18 24 3 XI SPRO4-10 KEEP RIGHT 30 | 30 | 6.25 | XI | 1 | P-1 | 13 | INSTALL NEW POST R1-1

\*\*ELSON 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616

REVISION DESCRIPTION

AR ZONASII.
Call 811 or click Arizona811.c

					Exis	st							$\overline{}$	
Station	Offset	Sign Code	Legend	New	Remove Remain	Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
163+08	36' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	24	12	2	ΧI	_	-	_	
103.00	30 110	R1-1	Stop	_	- X	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	Х		-	18	24	3	ΧI	-	-	-	
163+25	21' Lt	SPRO4-10	KEEP RIGHT	Х		-	18	24	3	ΧI	1	P-1	12	
166+62	40' Lt	R1-2	Yield	-	- X	-	30	30	6.25	ΧI	-	-	-	REMAIN
	2012													
167+04	32' Rt	R1-2	Yield	<del>  -</del>	- X	-	30	30	6.25	XI	-	-	-	REMAIN
170+43	21' Rt	SPRO4-10	KEEP RIGHT	X			18	24	3	ΧI	_			
170+43	21 Kt					-						-	-	
		R1-2	Yield	-	X -	-	30	30	6.25	XI	-	-	-	REMOVE
170, 56	20'1+	D1 1	Stop	V			20	20	6.25	VI	1	D 1	12	
170+56	38' Lt	R1-1 SPRO4-10	KEEP RIGHT	X		-	30 18	30 24	6.25	XI XI	1	P-1 -	13	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			24	12	2	XI	_		_	
		VV1	enoss marrie Bolls not stor (plaque)					12		XI				
170+97	39' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	24	12	2	ΧI	_	-	_	
		SPRO4-10	KEEP RIGHT	Х		-	18	24	3	ΧI	_	-	-	
		R1-1	Stop	Х		-	30	30	6.25	ΧI	1	P-1	13	
171+14	22' Lt	SPRO4-10	KEEP RIGHT	Х		-	18	24	3	ΧI	-	ı	-	
		R1-2	Yield	_	X -	-	30	30	6.25	ΧI	-	-	-	REMOVE
174+37	20' Rt	R1-1	Stop	-	X -	-	30	30	6.25	XI	-	-	-	REMOVE
174 40	27111	D4 4	Chan				20	20	6.25	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			12	
174+48	37' Lt	R1-1	Stop	X	-   -	-	30	30	6.25	XI	1	P-1	12	
171 00	0=1.0.		Ct.	<u> </u>					6.25		_			
174+92	37' Rt	R1-1	Stop	X	-   -	-	30	30	6.25	XI	1	P-1	12	
175+06	21' Lt	R1-1	Stop		X -	_	30	30	6.25	ΧI	_	_	_	DEMOVE.
173100	ZI LL	I/I-I	3.00		X -			30	0.23	XI	_	_		REMOVE
178+24	19' Rt	SPRO4-10	KEEP RIGHT	X		-	18	24	3	ΧI	1	P-1	12	
178+44	34' Lt	R1-1	Stop	-	- X	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	Х	-   -	-	18	24	3	ΧI	-	-	-	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х		-	24	12	2	ΧI	-	-	-	
178+85	35' Rt	SPRO4-10	KEEP RIGHT	Х	-   -	-	18	24	3	ΧI	-	-	-	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-   -	-	24	12	2	XI	-	-	-	
		R1-1	Stop	-	- X	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
179+08	21' Lt	SPRO4-10	KEEP RIGHT	X		_	18	24	3	ΧI	1	P-1	12	
1/3+08	21 Lt	3FNO4-10	KLLF KIGITI	^		-	10	24	3	٨١	1	L-T	12	
182+22	22' Rt	R1-2	Yield		X -	-	30	30	6.25	ΧI	_	-	_	REMOVE
														KLIVIOVE
182+38	35' Lt	R1-1	Stop	Х		-	30	30	6.25	ΧI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х		-	24	12	2	ΧI	-	-	-	
	_													
182+81	35' Rt	R1-1	Stop	Х		-	30	30	6.25	ΧI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-   -	-	24	12	2	XI	-	-	-	

PRELIMINARY

**REVIEW** NOT FOR

CONSTRUCTION OR RECORDING

Notes

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION CITY OF TUCSON

9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SM05 OF SM01

	AVE TO TREAT AVE	VE, AND 41 I	JCLID AV	IOE	OIN AVE	ELL KD,	i LOvvi	) IO FOR	K15 KL	TINI INIT	SA.
		TS	SHEE	4RY	SUMM	IGN S	S				
			DATE			TORY	SIGNA				PPROVALS
50	20	APPROVED									
OF											
74											
, .	DRTATION DIRECTOR	TRANSPO									
	SCALE:	REF.									
	U-2022-006	PLAN NO	20 23	FLG	CHKD. BY	20 23	BDH	DSGN. BY _	20 23	BDH	RWN. BY

### 9TH AVENUE REGULATORY SIGNS Station Offset Sign Code Legend Location / Remarks - X - - 30 30 6.25 XI 182+89 | 21' Lt R1-2 - REMOVE Bicycles Yield to Peds 12 | 18 | 1.5 | XI | 1 | P-1 | 12 185+37 | 233' Lt - X - 30 30 6.25 XI - - REMAIN 185+86 22' Rt R1-1 | - | X | - | 36 | 12 | 3 | XI | - | - | R6-1 (Rt) ONE WAY - REMAIN 185+94 Bicycles Yield to Peds 12 | 18 | 1.5 | XI | 1 P-1 12 46' Lt R9-6 - X - 30 30 6.25 XI 189+21 21' Lt R1-1 - REMAIN - | - | X | - | 36 | 12 | 3 | XI | R6-1 (Rt) ONE WAY - REMAIN - | X | - | - | 30 | 30 | 6.25 | XI | - | - | - | REMOVE 194+88 21' Rt R1-1 18 | 24 | 3 | XI | - | -SPRO4-10 | KEEP RIGHT 195+03 33' Lt CROSS TRAFFIC DOES NOT STOP (plaque) 24 | 12 | 2 | XI | - | -W4-4P 30 | 30 | 6.25 | XI | 1 | P-1 | 13 R1-1 SPRO4-10 KEEP RIGHT 18 | 24 | 3 | XI | - | -195+43 36' Rt CROSS TRAFFIC DOES NOT STOP (plaque) 24 | 12 | 2 | XI | - | -30 | 30 | 6.25 | XI | 1 | P-1 | 13 R1-1 18 | 24 | 3 | XI | - | - | SPRO4-10 KEEP RIGHT 18 | 24 | 3 | XI | SPRO4-10 KEEP RIGHT 195+58 | 20' Lt -| X | - | - | 30 | 30 | 6.25 | XI R1-1 - REMOVE 196+40 | 23' Rt | W13-1P (15) | Advisory Speed 15 MPH 18 | 18 | 2.25 | XI | - | -W17-1 Mod | Speed Humps Ahead 30 | 30 | 6.25 | XI | 1 | P-1 | 12 | X | - | - | - | 24 | 24 | 4 | XI | 1 | P-1 | 12 214+22 | 22' Rt R8-3 No Parking (symbol) X - - - 30 36 7.5 XI 214+69 | 22' Rt | R3-5 (Rt) | Right Turn Only - - X - 30 30 6.25 XI - -R1-1 - | - | X | - | 30 | 30 | 6.25 | XI | - | - | REMAIN 215+38 22' Lt R1-1 X - - 30 36 7.5 XI -Right Turn Only R3-5 (Rt) 24 | 24 | 4 | XI | 1 | P-1 | 12 No Parking (symbol) 215+83 20' Lt 30 | 30 | 6.25 | XI | 1 | P-1 | 12 217+64 22' Rt W17-1 Mod Speed Humps Ahead W13-1P (15) Advisory Speed 15 MPH 18 18 2.25 XI -18 24 3 XI - -221+43 34' Lt SPRO4-10 KEEP RIGHT - X - 30 30 6.25 XI 1 P-1 13 INSTALL NEW POST R1-1 X - - - 24 12 2 XI - -CROSS TRAFFIC DOES NOT STOP (plaque) W4-4P 24 | 12 | 2 | XI | - | -CROSS TRAFFIC DOES NOT STOP (plaque) 221+84 31' Rt

18 24 3 XI

30 | 30 | 6.25 | XI | 1 | P-1 | 13 | INSTALL NEW POST

## 9TH AVENUE REGULATORY SIGNS

				T		Exis	t								
Station	Offset	Sign Code	Legend	New	Remove		Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
221+96	23' Lt	SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3	ΧI	1	P-1	12	
225+21	21' Lt	W17-1 Mod	Speed Humps Ahead	Х	-	-	-	30	30	6.25	ΧI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	Х	-	-	-	18	18	2.25	ΧI	-	-	ı	
227+90	19' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	ΧI	-	-	-	
		R1-1	Stop	-	-	Х	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	ΧI	-	-	-	
228+53	26' Rt	SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3	ΧI	-	-	-	
		R1-1	Stop	-	-	Х	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	ΧI	-	-	-	
228+65	27' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	ΧI	1	P-1	12	
234+70	40' Lt	R1-1	Stop	-	-	Х	-	30	30	6.25	XI	-	-	-	REMAIN
235+13	22' Lt	R1-1	Stop	-	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
241+12	22' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	ΧI	-	-	-	REMAIN
241+79	22' Lt	R1-1	Stop		-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN

Notes

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

KEEP RIGHT

SPRO4-10

R1-1

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

	**EXECUTION 1 STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616						TUCSON	·	TO FORT LOWELL R		ICLID A\	VE, AND 4TH AVE TO TREAT A	
							PRELIMINARY	APPROVALS	SIGNATORY		DATE		
Ī							$\Omega\Omega\Omega$					APPROVED 20	-  51
ŀ							90%						OF
-							l REVIEW						_   74
na 811 at least two full fore you begin excavation							NOT FOR					TRANSPORTATION DIRECTOR	
ZONA811							CONSTRUCTION					REF SCALE:	
Click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY BDH 20 23	DSGN. BY BDH 20 2	CHKD. BY FLG	20 23	PLAN NOU-2022-0	06

#### 5TH STREET REGULATORY SIGNS Station Offset Sign Code Legend Location / Remarks 30 30 6.25 XI - REMAIN 299+59 34' Rt R1-1 Bicycle & Pedestrian 30 | 30 | 6.25 | XI | 1 | P-1 | 12 299+69 34' Lt W16-7P (Lt) Downward Diagonal Arrow (plaque) 24 | 12 | 2 | XI 30 30 6.25 XI 1 P-1 12 Bicycle & Pedestrian 300+32 51' Rt W11-15 W16-7P (Lt) Downward Diagonal Arrow (plaque) 24 | 12 | 2 | XI | - X - 30 30 6.25 XI - REMAIN 300+43 25' Lt R1-1 30 30 6.25 XI - REMAIN Stop Ahead 301+98 24' Lt W3-1 - X - 30 30 6.25 XI - REMAIN 302+23 28' Lt R1-1 30 | 30 | 6.25 | XI | 1 | P-1 | 12 302+57 | 37' Rt | W17-1 Mod | Speed Humps Ahead 18 | 18 | 2.25 | XI W13-1P (15) | Advisory Speed 15 MPH 18 6 0.75 XI All Way (Plaque) 304+41 31' Rt R1-3P - REMOVE 30 | 30 | 6.25 | XI - REMOVE R1-1 18 6 0.75 XI All Way (Plaque) - REMOVE 304+45 | 35' Lt CROSS TRAFFIC DOES NOT STOP (plaque) 24 | 12 | 2 | XI 30 30 6.25 XI - REMAIN R1-1 - 36 | 12 | 3 | XI | -- REMAIN 304+55 30' Rt R6-1 ONE WAY | - | X | - | 36 | 12 | 3 | XI | - | - REMAIN R6-1 ONE WAY | - | X | - | 36 | 12 | 3 | XI 304+80 21' Rt ONE WAY - REMAIN R6-1 36 | 12 | 3 | XI - REMAIN R6-1 ONE WAY 18 6 0.75 XI - -All Way (Plaque) - REMOVE 305+16 28' Lt R1-3P - X - - 30 30 6.25 XI - REMOVE 24 24 4 XI No Parking (symbol) 307+27 36' Rt R8-3 36 12 3 XI R6-1 ONE WAY - REMAIN 36 12 3 XI - REMAIN ONE WAY 24 | 24 | 4 | XI | 1 | P-1 | 12 No Parking (symbol) 308+17 26' Lt R8-3 SPECIAL - -- REMAIN 309+11 35' Rt BICYCLES CROSS TRACKS WITH CARE 30 30 6.25 XI REMAIN R1-1 24 12 2 XI 309+20 46' Lt W16-7P (Lt) Downward Diagonal Arrow (plaque) -30 30 6.25 XI W11-15 Bicycle & Pedestrian REMAIN 309+20 36' Lt SPECIAL BICYCLES USE CAUTION TRACKS IN PAVEMENT -REMAIN SPECIAL Streetcar Route sign -REMAIN SPECIAL 30 | 30 | 6.25 | XI | 1 | P-1 | 12 Bicycle & Pedestrian 309+82 45' Rt W11-15 W16-7P (Lt) Downward Diagonal Arrow (plaque) 24 12 2 XI -

					l	Exis	st							t)	
				New	Remove	Remain	Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	
Station	Offset	Sign Code	Legend	Ž	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		+ +	>	Ĭ	Ā	ΣΓ	N O	Pc	Ĕ	Location / Remarks
309+90	25' Lt	SPECIAL	BICYCLES CROSS TRACKS WITH CARE	-	-	Х	-	-	-	-	-	-	-	-	REMAIN
310+10	51' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	ΧI	-	-		REMAIN
			,												
311+46	35' Rt	W17-1 Mod	Speed Humps Ahead	-	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
		W13-1P (15)	Advisory Speed 15 MPH	-	-	Х	-	18	18	2.25	ΧI	-	-	-	REMAIN
244 72	261.01	DC 4	ONE WAY	_		Х	_	36	12	3	ΧI	-			25.444
311+72	36' Rt	R6-1 R6-1	ONE WAY	_	-	_^ Х	+ +	36	12	3	XI	-	-		REMAIN
		R5-1	DO NOT ENTER	-	-	X		30	30	6.25	XI	-	-	-	REMAIN
312+01	35' Rt	W3-1	Stop Ahead	-	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
312+07	34' Rt	R5-1	DO NOT ENTER	-	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
313+81	35' Rt	SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3	ΧI	-	-	-	
		R1-3P	All Way (Plaque)	-	-	Х	-	18	6	0.75	ΧI	-	-	-	REMAIN
		R1-1	Stop	-	-	Х	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
313+97	40' Lt	R1-3P	All Way (Plaque)	X	-	-	-	18	6	0.75	XI	-	-	-	
		SPRO4-10	Stop	X -	_	- X	-	18 30	24 30	6.25	XI XI	1	- P-1	13	INICTALL NEW POCT
		R1-1	Зюр			^		30	30	0.23	XI		1-1		INSTALL NEW POST
314+42	48' Rt	SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3	ΧI	-	-	-	
		R1-3P	All Way (Plaque)	Х	-	-	-	18	6	0.75	ΧI	-	-	-	
314+43	43' Rt	R1-1	Stop	-	-	-	-	30	30	6.25	XI	-	-	-	RELOCATE
314+57	35' Rt	S1-1	School	-	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
314+65	55' Rt	R1-1	Stop	-	-	-	-	30	30	6.25	ΧI	-	-	-	RELOCATED
						.,		10							
314+70	26' Lt	R1-3P	All Way (Plaque)	- X	-	Х	-	18 18	6 24	0.75	XI XI	-	-	-	REMAIN
		SPRO4-10 R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
		NI I													INSTALL NEW 1 031
314+97	26' Lt	R3-4	No U Turn	-	-	Х	-	24	24	4	ΧI	-	-	-	REMAIN
		R3-4	No U Turn	-	-	Х	-	24	24	4	ΧI	-	-	-	REMAIN
316+35	25' Lt	XX	Stop Ahead	-	X	-	-	30	30	6.25	ΧI	-	-	-	REMOVE
		W3-1	Stop Arieau		^							-	-		REMOVE
316+42	28' Lt	R3-4	No U Turn	-	-	X		24	24	4	XI	-	-	-	REMAIN
		R3-4	No U Turn	-	-	X	-	24	24	4	ΧI	-	-	-	REMAIN
318+37	23' Lt	R3-4	No U Turn	_	_	Х	-	24	24	4	ΧI	-	-		REMAIN
310.37		R3-4	No U Turn	-	-	Х		24	24	4	XI	-	-	-	REMAIN
318+61	27' Lt	S1-1	School	-	-	Х	-	30	30	6.25	ΧI	-	-	-	REMAIN
318+70	47' Rt	W17-1 Mod W13-1P (15)	Speed Humps Ahead Advisory Speed 15 MPH	-	-	X		30 18	30 18	6.25 2.25	XI XI	-	-	-	REMAIN REMAIN
		***************************************	Advisory Speed 13 Wif II	-	-	^	-	10	10	۷،۷۵	٨١	-	-		INCIVIOUS
		L	1	1	1	1					1	I			

Notes

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

SM07 OF SM01

		KIT & AS	FELSON 2 E CO TUCSO SOCIATES P 520.	ONGRESS ON, AZ <b>8</b> 5 544.4067	STREET, 5701 7 F 520.	SUITE 705 544.9616	TUCSON	SAINT MARYS RI		LOWELL RD,		ICLID A\	/E, AND 4TH AVI		
							PRELIMINARY	APPROVALS		SIGNATORY		DATE	ADDROUED		<b>F</b> 2
							$\Omega\Omega\Omega$						APPROVED	20	52
							90%								OF
							REVIEW								74
least two full begin excavation							NOT FOR						TRANSPORTAT	ION DIRECTOR	
							CONSTRUCTION						REF.	SCALE:	
Zona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY BDH 20 23	DSGN. BY	BDH <sub>20</sub> <u>23</u>	CHKD. BY FLG	20 23	PLAN NO	U-2022-006	

## 5TH STREET REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Remove	Remain six Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)		Location / Remarks
318+72	42' Lt	R1-1	Stop	-	-	Х -	30	30	6.25	ΧI	-	-	-	REMAIN	
319+28	47' Rt	R1-1	Stop	-	-	X -	30	30	6.25	XI	-	-	-	REMAIN	
321+51	35' Rt	R1-1	Stop	-	-	X -	30	30	6.25	ΧI	-	-	-	REMAIN	
						.,	10								
323+27	35' Rt	SPR04-10	KEEP RIGHT	-	-	X -	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X		30	30	6.25	XI	-	-	-	REMOVE	
323+44	35' Lt	SPR04-10	KEEP RIGHT	-	-	Х -	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	-	Х -	30	30	6.25	XI	-	-	-	REMAIN	
323+96	54' Rt	SPR04-10	KEEP RIGHT	-	-	X -	18	24	3	ΧI	-	-	-	REMAIN	
		R1-2	Yield	-	-	X -	30	30	6.25	XI	-	-	-	REMAIN	
324+10	25' Lt	SPR04-10	KEEP RIGHT	-	-	X -	18	24	3	ΧI	-	-	-	REMAIN	
		R1-2	Yield	-	Х		30	30	6.25	ΧI	-	-	-	REMOVE	
326+68	27' Lt	W13-1P (15)	Advisory Speed 15 MPH	Х	-		18	18	2.25	XI	-	-	-		
		W13-1P (15)	Advisory Speed 15 MPH	-	Х		18	18	2.25	ΧI	-	-	-	REMOVE	
		W17-1 Mod	Speed Humps Ahead	-	Х		30	30	6.25	XI	-	-	-	REMOVE	
		W17-1 Mod	Speed Humps Ahead	Х	-		30	30	6.25	ΧI	-	-	-		
	_														
327+40	35' Rt	R8-3	No Parking (symbol)	-	-	X -	24	24	4.00	XI	-	-	-	REMAIN	
		R3-5 (Rt)	Right Turn Only	-	-	X -	30	36	7.50	XI	-	-	-	REMAIN	
327+67	2' Lt	R9-6 Mod	Bicycles Yield to Peds	_	_	X -	12	18	1.50	XI	_	_	_	REMAIN	
327107	2 Lt	R4-7	Keep Right (Symbol)	_		X -	24	30	5.00	XI	_	_	_	REMAIN	
327+88	36' Rt	SPECIAL	BICYCLES EXEMPT	-	-	Х -	-	-	-	-	-	-		REMAIN	
		R3-5 (Rt)	Right Turn Only	-	-	X -	30	36	7.50	ΧI	-	-	-	REMAIN	
327+95	32' Rt	R1-1	Stop  Pight Turn Only	-	-	X -	30	30	6.25	XI	-	-	-	REMAIN	
		R3-5 (Rt)	Right Turn Only	-	-	X -	30	36	7.50	XI	-	-	-	REMAIN	
327+95	26' Lt	SPECIAL	No Trucks Over 26ft	-	_	X -	-	-	-	-	-	-	_	REMAIN	
•		R8-3	No Parking (symbol)	_	_	Х -	24	24	4.00	ΧI	-	-	_	REMAIN	

## Notes

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

SM08 OF SM01 DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

# 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE

		KIT & ASS	TELSON 2E CO TUCSO SOCIATES P 520	ONGRESS ON, AZ 8: 544.406	STREET, 5701 7 F 520.	SUITE 705 544.9616	CITY OF TUCSON	•	•	EUCLID A	CLE BOULEVARD VE, AND 4TH AVE TO TREAT AVE TS	
							PRELIMINARY 90%	APPROVALS	SIGNATORY	DATE	APPROVED 20	53 of
ıa 811 at least two full Tore you begin excavation							REVIEW NOT FOR				TRANSPORTATION DIRECTOR	74
ZONASII	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	CONSTRUCTION OR RECORDING	DRWN. BY BDH 20 23 DSGN. BY _	BDH 20 23 CHKD, BY FLG	20 23	REF SCALE: PLAN NO U-2022-006	 5

### 9TH STREET REGULATORY SIGNS Station Offset Sign Code Legend Location / Remarks 30 | 30 | 6.25 | XI | 1 P-1 12 410+16 | 37' Rt | W17-1 Mod | Speed Humps Ahead 18 | 18 | 2.25 | XI W13-1P (15) Advisory Speed 15 MPH 30 | 30 | 6.25 | XI | 1 | P-1 | 13 | INSTALL NEW POST 413+94 28' Lt R1-1 18 | 24 | 3.00 | XI | - | -SPRO4-10 KEEP RIGHT 24 | 12 | 2.00 | XI | - | - | CROSS TRAFFIC DOES NOT STOP (plaque) W4-4P - X - 30 30 6.25 XI 1 P-1 13 INSTALL NEW POST 414+46 45' Rt R1-1 18 | 24 | 3.00 | XI SPRO4-10 KEEP RIGHT 24 | 12 | 2.00 | XI CROSS TRAFFIC DOES NOT STOP (plaque) 18 | 24 | 3.00 | XI | 1 | P-1 | 12 414+67 | 20' Lt SPRO4-10 KEEP RIGHT 30 | 30 | 6.25 | XI | 1 | P-1 | 12 416+47 27' Lt W17-1 Mod Speed Humps Ahead 18 | 18 | 2.25 | XI W13-1P (15) Advisory Speed 15 MPH Begin Right Turn Lane Yield To Bikes X | - | - | 36 | 30 | 7.50 | XI | 1 | P-1 | 12 417+17 34' Rt No Parking (symbol) 24 | 24 | 4.00 | XI X - - 24 30 5.00 XI 1 P-1 12 Keep Right (Symbol) 418+40 11' Rt R4-7 Metro Style Bike Crossing See TS07 418+41 3' Lt 12 | 12 | 1.00 | XI RIDE WITH TRAFFIC R9-3cP 30 | 36 | 7.50 | XI 418+52 34' Rt R3-5R Right Turn Only - X - 30 30 6.25 XI - REMAIN R1-1 X | - | - | - | 24 | 30 | 5.00 | XI | 1 | P-1 | 12 Keep Right (Symbol) R4-7 418+55 0' Rt - | - | X | - | 24 | 12 | 2.00 | XI CROSS TRAFFIC DOES NOT STOP (plaque) - REMAIN 418+65 | 115' Lt W4-4P X - - 30 30 6.25 XI Bicycle & Pedestrian W11-15 - X - - 30 30 6.25 XI W11-2 Pedestrian - | - | X | - | 24 | 12 | 2.00 | XI | - | - | REMAIN CROSS TRAFFIC DOES NOT STOP (plaque) W4-4P 419+26 | 201' Rt 30 30 6.25 XI Bicycle & Pedestrian - X - - 30 30 6.25 XI - - REMOVE W11-2 Pedestrian 24 | 30 | 5.00 | XI | 1 | P-1 | 12 Keep Right (Symbol) 419+35 10' Rt 30 | 36 | 7.50 | XI Right Turn Only 419+36 26' Lt R3-5R - X - 30 30 6.25 XI - -- REMAIN R1-1 24 | 30 | 5.00 | XI | 1 | P-1 | 12 Keep Right (Symbol) 419+58 2' Lt R4-7 X | - | - | - | - | - | - | - | 419+68 10' Rt SPECIAL BICYCLES YIELD TO VEHICLES 12 | 12 | 1.00 | XI | 1 | P-1 | 12 RIDE WITH TRAFFIC R9-3cP

| X | - | - | 30 | 36 | 7.50 | XI | 1 | P-1 | 12

36 30 7.50 XI 1 P-1 12

Notes	
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420+20 26' Lt

420+97 25' Lt

 Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

Right Turn Only

Begin Right Turn Lane Yield To Bikes

R3-5R

## 9TH STREET REGULATORY SIGNS

Contact Arizona 811 at least two working days before you begin exca

						Exis	T T							(ft)	
				>	Remove	Remain	Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (	
Station	Offset	Sign Code	Legend	New	Ren	Ren	Rel	Wid	Hei	Are	Min Typ	Nun Post	Pos	Tota	Location / Remarks
422+01	36' Rt	W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	ΧI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	Х	-	-	-	18	18	2.25	XI	-	-	-	
424+74	27' Lt	W17-1 Mod	Speed Humps Ahead	х	-	-	-	30	30	6.25	ΧI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	Х	-	-	-	18	18	2.25	ΧI	-	-	-	
428+15	34' Rt	R1-3P	All Way (Plaque)	-	Х	-	-	18	6	0.75	ΧI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3.00	ΧI	-	-	-	
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
428+31	42' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х	-	-	-	24	12	2.00	ΧI	-	-	-	
		R1-1	Stop	-	-	Х		30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3.00	ΧI	-	-	-	
428+76	47' Rt	R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3.00	XI	-	-	-	
		R1-1	Stop	-		X	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2.00	XI	-	-	-	
428+93	14' Lt	R1-3P	All Way (Plaque)	-	Х	-	-	18	6	0.75	ΧI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X		-	-	18	24	3.00	XI	-	-	-	
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
453+75	13' Rt	R1-1	Stop	-	-	-	-	30	30	6.25	XI	-	-	-	RELOCATE
453+86	39' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	-	24	12	2.00	ΧI	-	-	-	
		R1-1	Stop	X	-	-	-	30	30	6.25	ΧI	1	P-1	12	
454+33	26' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	-	24	12	2.00	XI	-	-	-	
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
454+50	27' Lt	R1-1	Stop	-	-	-	-	30	30	6.25	XI	-	-	-	RELOCATE
458+35	39' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х	-	-	_	24	12	2.00	XI	-	-	_	
430133	33 Lt	SPRO4-10	KEEP RIGHT	X	_	-	-	18	24	3.00	ΧI	-	-	_	
		R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
			· ·												
458+70	42' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х	-	-	-	24	12	2.00	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	Х	-	-	-	18	24	3.00	ΧI	-	-	-	
		R1-1	Stop	-	-	Х	-	30	30	6.25	ΧI	1	P-1	13	INSTALL NEW POST
469+05	29' Rt	W13-1P (15)	Advisory Speed 15 MPH	X	-	-	-	18	18	2.25	XI	-	-	-	
		W13-1P (15)	Advisory Speed 15 MPH	-	+		-	18	18	2.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	-	+^	-	-	30	30	6.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	XI	-	-	-	
			All Marco / Discours A		1,7			40		0.75	\/\				
471+75	26' Rt	R1-3P	All Way (Plaque)	- V	X	+	-	18	6	0.75	XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X		-	-	18	24	3.00	XI	-	-	-	
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
474 : 00	271	D4.4	Ston		_	X	_	30	30	6.25	ΧI	1	P-1	13	INICTALL NEW DOCT
471+83	27' Lt	R1-1	Stop	- X		^	-	18	24	3.00	XI	_ I	- P-1		INSTALL NEW POST
		SPRO4-10	KEEP RIGHT All Way (Plaque)	X	- X	-   _	-	18	6	0.75	XI	-	-		DEMOVE
		R1-3P W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	-   _	24	12	2.00	XI	-	-		REMOVE
l	l.	W//L/ID	TOROUS TRAITIC DOLS NOT STOF (Playue)	· ^			1 -	∠+	1 14		/ //I	1	•	-	

								DEPARTMENT OF	TRANSPORTA	TION/EN	IGINEERING DIVISION	NC
		KIT & AS	TELSON 2E CO TUCS SOCIATES P 520	ONGRESS ON, AZ 8 :544.406	STREET, 5701 7 F 520	SUITE 705 544.9616	CITY OF TUCSON	•		O EUCLID A	YCLE BOULEVARD VE, AND 4TH AVE TO TREAT AVE TS	
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ull							NOT FOR				TRANSPORTATION DIRECTOR	
ation							CONSTRUCTION				REF SCALE:	
	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN BY BDH 20 23 DSGN BY	BDH 20 23 CHKD BY	FLG 20 23	PLAN NO. U-2022-006	5

# 9TH STREET REGULATORY SIGNS

						Exis	c+								<u></u>
Station	Offset	Sign Code	Legend	Wek	ove		1	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
472+26	35' Rt	R1-1	Stop	-	-	Х	-	30	30	6.25	XI	1	P-1	13	INSTALL NEW POST
		SPRO4-10	KEEP RIGHT	Х		-	-	18	24	3.00	XI	-	-	-	
		R1-3P	All Way (Plaque)	-	+	-	-	18	6	0.75	XI	-	-	-	REMOVE
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2.00	XI	-	-	-	
	_		All Mary (Discuss)		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			10	6	0.75	VI				
472+36	18' Lt	R1-3P	All Way (Plaque)	- X	+^		-	18 18	6 24	0.75	XI XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT				-			3.00		-	-	-	
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
			Consideration of the control of the	V				20	20	C 25	VI	1	D 1	12	
478+49	24' Lt	W17-1 Mod	Speed Humps Ahead	X			-	30	30	6.25	XI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	X	-	-	+-	18	18	2.25	XI	-	-	-	
					1.,										
485+33	19' Rt	R1-1	Stop	-	+^	-	-	30	30	6.25	XI	-	-	-	REMOVE
		R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
			CDOCC TRAFFIC DOFC NOT CTOR (v.l., v.v.)	X				24	12	2.00	VI				
485+41	31' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	+	-	-	24 18	12 6	2.00 0.75	XI XI	-	-	-	DEN 40) (E
		R1-3P	All Way (Plaque) Stop			X	+-	30	30	6.25	XI	_	-	_	REMOVE
		R1-1	Stop			^		30	30	0.23	, Ai				REMAIN
485+87	26' Rt	R1-1	Stop			X	-	30	30	6.25	XI	_	_	_	REMAIN
465+67	20 Kt	R1-3P	All Way (Plaque)	-	X		-	18	6	0.75	XI	_	-	_	REMOVE
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	-	24	12	2.00	XI	_	_	_	INCINIOVE
		VV4-41	(p.aque)												
485+94	19' Lt	R1-1	Stop	-	X	-	-	30	30	6.25	XI	_	-	-	REMOVE
		R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
490+21	39' Lt	R1-1	Stop	-	-	Х	-	30	30	6.25	XI	-	-	-	REMAIN
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х	-	-	-	24	12	2.00	XI	-	-	-	
490+70	17' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2.00	ΧI	-	-	-	
		R1-1	Stop	-	-	Х	-	30	30	6.25	XI	-	-	-	REMAIN
494+69	25' Rt	R1-1	Stop	-	-	-	-	30	30	6.25	XI	-	-	-	RELOCATE
494+77	30' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X		-	-	24	12	2.00	XI	-	-	-	
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
								_	_						
495+11	34' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X			-	24	12	2.00	XI	-	-	-	
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
			Cha					20	20	C 25	VI				
495+20	19' Lt	R1-1	Stop	-	-	-	-	30	30	6.25	XI	-	-	-	RELOCATE
406+20	27' D+	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Speed Humps Ahead	X	+-	-	+_	30	30	6.25	XI	1	P-1	12	
496+39	27' Rt	W17-1 Mod W13-1P (15)	Advisory Speed 15 MPH	X			+-	18	18	2.25	XI	-	- L-1	-	
		11 (13)	, 9,000 10 111111												
499+19	27' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2.00	XI	-	_	_	
733113		R1-1	Stop	X			-	30	30	6.25	XI	-	-	_	
		R1-2	Yield	-		-	-	30	30	6.25	XI	-	-	_	REMOVE
											+				

## NOTES

 Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

# 9TH STREET REGULATORY SIGNS

						Exis	t							(ft)	
Station	Offset	Sign Code	Legend	New	Remove	Remain	Relocate	Width (in)	Height (in)	Area (sq. ft.)	Min Sheeting Type	Number of Posts	Post Type	Total length (	Location / Remarks
499+67	35' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	Х	-	-	-	24	12	2	ΧI	-	-	-	
		R1-1	Stop	Х	-	-	-	30	30	6.25	XI	-	-	-	
		R1-2	Yield	-	X	-	-	30	30	6.25	ΧI	-	-	-	REMOVE
									_						
501+59	15' Lt	W13-1P (15)	Advisory Speed 15 MPH	X	-	-	-	18	18	2.25	XI	-	-	-	
		W13-1P (15)	Advisory Speed 15 MPH	-	X	-	-	18	18	2.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	-	Х	-	-	30	30	6.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	XI	-	-	-	
503+18	27' Rt	R1-1	Stop	-	-	Х	-	30	30	6.25	XI	-	-	-	REMAIN
503+80	18' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	ΧI	-	-	-	REMAIN
505+69	29' Rt	W17-1 Mod	Speed Humps Ahead	X	-	_	-	30	30	6.25	XI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	Х	-	-	-	18	18	2.25	ΧI	-	-	-	
512+23	24' Lt	W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W13-1P (15)	Advisory Speed 15 MPH	Х	-	-	-	18	18	2.25	ΧI	-	-	-	

SM10 OF SM01

								DEPARTMEN	NT OF TRANSPORTA	TION/EN	IGINEERING DIVISIO	NC
							CITY OF	9TH AVE, 5	TH ST, AND 9TH S	ST BICY	CLE BOULEVARD	S
		KITI		CONGRESS	STREET,	SUITE 705		SAINT MARYS RD	TO FORT LOWELL RD, 6TH AVE T	O EUCLID A	VE, AND 4TH AVE TO TREAT AVE	E
		& ASS	SOCIATES P5	SON, AZ 8 20.544.406	7 F 520	.544.9616	I UCSUN		SIGN SUMMAF	RY SHEE	TS	_
							PRELIMINARY	APPROVALS	SIGNATORY	DATE	APPROVED 20	
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							REVIEW				TRANSPORTATION DIRECTOR	74
Contact Arizona 811 at least two full working days before you begin excavation							NOT FOR CONSTRUCTION				RFF. SCALE:	1
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY <u>BDH</u> 20 <u>23</u>	DSGN. BY <u>BDH</u> 20 <u>23</u> CHKD. BY	FLG 20 23		5

## GENERAL TRAFFIC SIGNAL AND LIGHTING NOTES

- 1. All equipment/materials and construction shall meet or exceed the current Pima Association of Governments (PAG) "Standard Specifications for Public Improvements" and "Standard Details for Public Improvements", the current MUTCD with the Arizona Supplement, the Special Provisions, and the plans.
- 2. Station and offsets are to the 9th Street construction centerline. The exact location of each new pole foundation, pull box, controller cabinet foundation, and electric service pedestal foundation shall be approved by the Engineer prior to excavation and installation.
- 3. All pole foundations shall be installed at finished grade. If the slope of shoulder drops off from the finished grade, the contractor shall grade around the pole foundation. Refer to the PAG Standard Details for Public Improvements.
- 4. Only new conduit and cable shall be installed, unless otherwise specified.
- 5. All conduit shall be installed a minimum of 30 inches below finished grade in protected areas (behind curb) and a minimum of 36 inches below finished grade in unprotected areas, under roadways or under driveways.
- 6. Any conduit installed shallower than the minimum below finished grade shall be encased in concrete per Standard Specification 732-3.01 (G).
- 7. All new and existing conduits shall be cleaned by compressed air and a properly sized conduit piston or mandrel prior to cable installation.
- 8. Pull boxes shall not be installed within concrete curb access ramps. In addition, any pull boxes installed behind curbs shall be installed between the curb and the proposed/future sidewalk or beyond the proposed/future sidewalk. Any pull boxes installed along an uncurbed roadway shall be installed adjacent to, but not within, the shoulder.
- 9. A 3/4-inch x 10-ft ground rod shall be installed in the No. 7 pull box (w/extension) adjacent to the controller cabinet. Two ground rod clamps shall be furnished for grounding the wire.
- 10. High voltage cables should be separated from low voltage cables as much as possible.
- 11. A (#14) AWG 16 conductor IMSA cable shall be installed from each traffic signal terminal strip (unspliced) to the traffic signal cabinet.
- 12. Conductors shall be installed from each new luminaire to the concrete pull box adjacent to the pole foundation, leaving three feet of slack for each conductor (measured from the top of the pull box) in the pull box. A 5-amp in-line fuse shall be installed for each luminaire in the associated pull box.
- 13. Poles with pedestrian signals and APS pushbutton stations shall use one 7-conductor IMSA cable for both the APS pushbutton station and the pedestrian signal, unless otherwise noted. The outer cable jacket shall not be removed at the hand hole height. Two conductors shall be routed to the push button station and the remaining conductors shall be routed to the pedestrian signal. The APS pushbutton station should be mounted on the same side of the pole as the pedestrian signal that it serves.
- 14. Poles with BIKES WAIT/BIKES OK signs and pushbuttons for cyclists shall use one 7-conductor IMSA cable for both the pushbutton and the sign, unless otherwise noted. The outer cable jacket shall not be removed at the hand hole height. Two conductors shall be routed to the pushbutton station and the remaining conductors shall be routed to the bike sign.
- 15. Coordinate the hookup of conductors and communication cables in the controller cabinet with the City of Tucson (COT) Electric Shop. Call the COT Electric Shop at (520) 791-3154 a minimum of five (5) days prior to work.
- 16. Contact the Tucson Electric Power (TEP) Public Improvement Coordinator Roman Felix at (520) 918-8359 for electric service hookup. The contractor shall be responsible for excavating and backfilling the trench, installing any necessary sleeves under sidewalk or driveways and supplying a galvanized sweep and riser for the electric service cable to be installed by TEP.
- 17. The contractor shall take precautions not to damage water facilities, sanitary sewer pipelines, and dry utility facilities that are in the area of construction. The contractor will be responsible for any damage.
- 18. At pole foundations close to existing water mains, sewer lines, and manholes, maintain a minimum of five (5) feet horizontal distance from outside of the foundation wall to the outside of pipe wall. PCRWRD requires the contractor to submit a Wastewater Flow Management Plan for new pole foundations that encroach the sewer impact zone. See PCRWRD SSDC 202, Section 2.2.1 for more information.
- 19. Minimum horizontal separation between existing water mains and electrical conduit is five (5) feet from outside water line to outside of electrical conduit. Minimum vertical separation is one (1) foot from outside water line to outside electrical conduit.
- 20. The location of all utilities shown on the plans is approximate. The contractor shall pothole existing utilities within the vicinity of pole and cabinet foundations prior to excavation. This work shall be considered incidental to the pole foundation work.
- 21. The contractor shall contact Arizona 811 at 1-800-782-5348 a minimum of 48 hours prior to any excavation.
- 22. The contractor shall support and protect in place all water facilities that are exposed during the installation of the traffic signal improvements associated with the project. Any damage to water facilities resulting from the installation of the project improvements shall be replaced in kind by the contractor and at the contractor's expense.
- 23. The traffic signal operation at existing signalized intersections shall be maintained throughout the duration of the project.
- 24. All pedestrian push button assemblies shall meet ADA requirements. The signs that shall be used are identified in the 2009 MUTCD as R10-3e in Section 2B.52. Audible vibrotactile type Campbell AGPS or equal.

## **EQUIPMENT NOTES**

- 1. The contractor shall remove and salvage existing poles. mast arms, and other equipment that will not be reused in the project to the COT Electric Shop. Call the COT Electric shop at (520) 791-3154 for instructions at least 48 hours in advance.
- 2. All pedestrians pushbutton assemblies shall be an APS (audio vibrotactile type) pushbutton, Campbell Company Guardian 912 Yellow with Bluetooth and wave feature or approved equal and shall be mounted 42 inches above the finished grade to the center of the pushbutton. The pushbutton shall be wired to the SPI (unsplided) using a shielded (#18) AWG 4 conductor (preferably with colors the Black, White, Red and Green) stranded cable. Locations and accessibility of pushbuttons shall comply with the requirements of the Americans with Disabilities Act (ADA). The pedestrian pushbutton signs that shall be used are identified in the 2009 MUTCD in Section 2B.51 and are shown in PAG Std Dtl T 1104.
- 3. All signal indications shall be LED. Pedestrian signals shall be the international man/hand with a countdown timer, and bike signals shall have the BIKES WAIT/BIKES OK message.
- 4. All mast arm signal heads shall have the yellow metal housing with black aluminum louvered backplates.
- 5. Luminaires shall be American Electric Lighting LED Autobahn ATB2 Series, 173W, 120V, Type 3, 3000 KCCT with a 7-pin Roam Node connector.

## **RESPONSIBILITIES**

- 1. The contractor shall install the following City supplied equipment and materials: traffic signal controller cabinet(s) with controller(s). The contractor shall supply and install the following equipment and materials as specified in the plans: steel pole anchor bolts (with nuts and washers), concrete pole foundations with reinforcement (where specified), controller cabinet concrete foundation(s), concrete pull boxes, electrical conduit, ground rods and connectors, bare bond wire and all other conductors, poles, mast arms, traffic signals and mounting assemblies, pedestrian/bicycle signals and mounting assemblies, pedestrian push button stations with signs, emergency vehicle preemption with mounting assemblies, luminaires, photocells, pole and mast arm signs with mounting assemblies, service pedestal with concrete foundation(s), all auxiliary equipment, and all other appurtenances necessary for the operation of the traffic signal installation(s), except as modified in the plans.
- 2. The contractor shall pick up and transport the traffic controller cabinet(s) from the City of Tucson Streets and Traffic Maintenance Division Yard to the intersection(s). Call (520) 791-3191 at least 48 hours in advance of pickup.
- 3. The contractor shall install each traffic controller cabinet on its foundation and route all of the conductors into the controller cabinet. The City of Tucson Streets and Traffic Maintenance Division staff shall terminate the conductors in the controller cabinet.

## UNDERGROUND FACILITIES

Two full working days before beginning any excavation, the contractor shall contact Arizona 811 at 1-800-782-5348 to request marking of underground facilities. Underground facilities shall be exposed and located in accordance with A.R.S. 40-360.21 through 360.29.

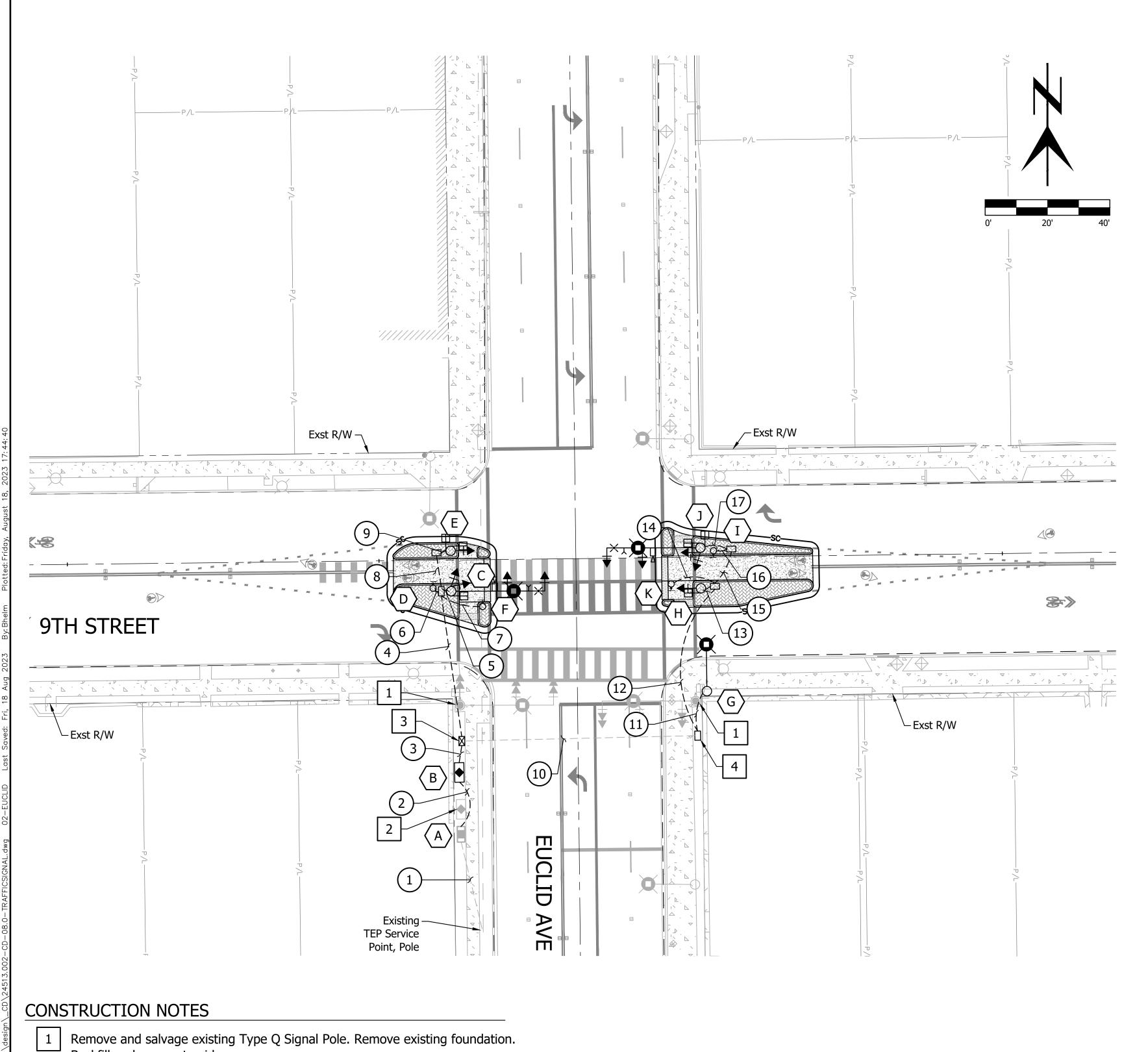
## **OVERHEAD POWER LINES**

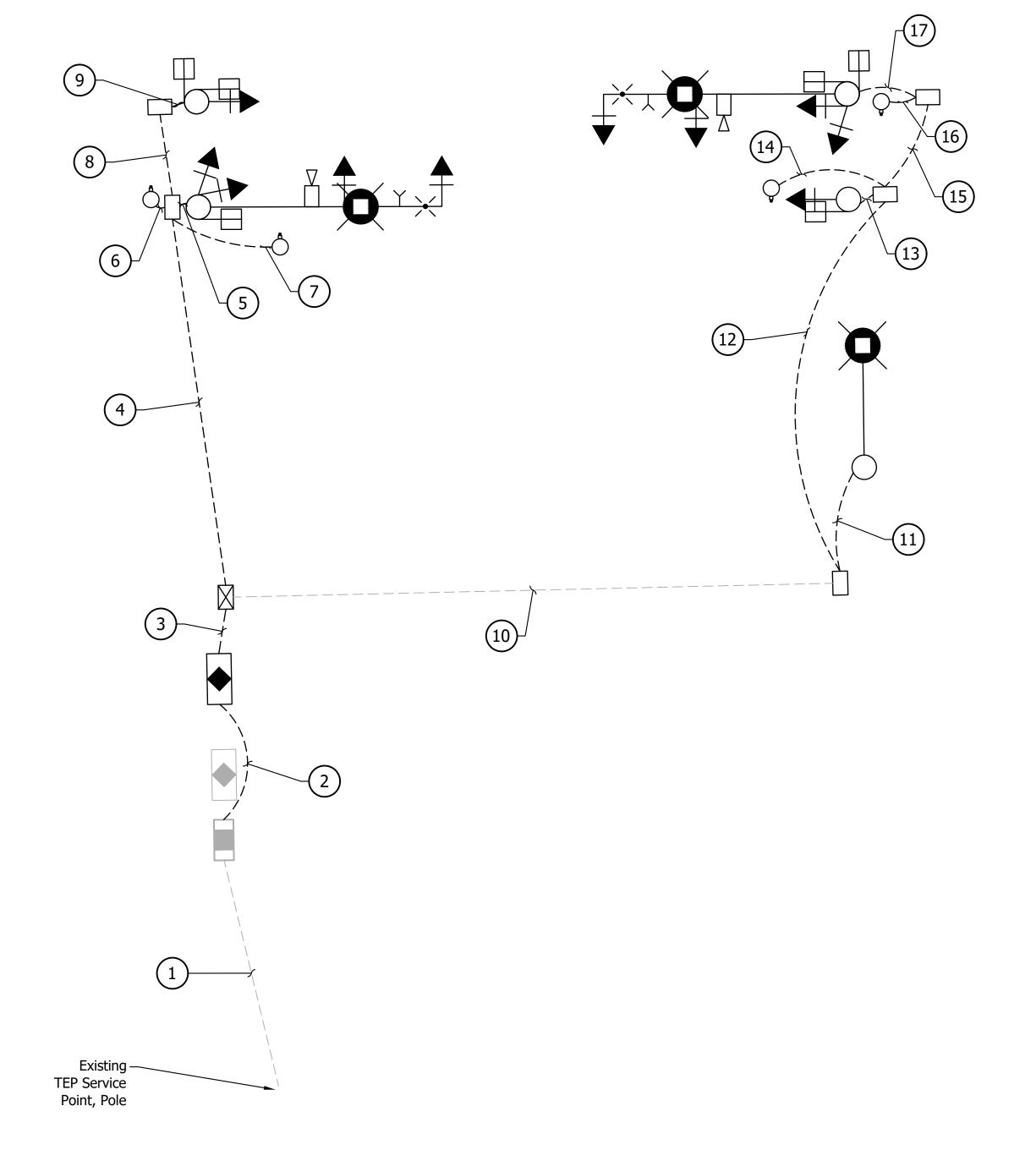
The contractor's attention is directed to A.R.S. 40-360.41 through 360.44 for restrictions on work in the vicinity of overhead power lines. The contractor shall not operate power equipment placed so that any extension of the equipment and/or load carried by the equipment can reach to within ten (10) feet of active power lines rated at or under 50 kilovolts. Greater clearances apply for higher voltage power lines. Where work within the clearance limits is necessary, the contractor shall contact TEP ten (10) working days in advance of the proposed work, to arrange for temporary deactivation, or other measures deemed necessary to permit safe operation near the overhead lines. Where excavation near existing power poles is planned, the contractor shall contact TEP ten (10) working days in advance, to arrange for bracing and shoring. Before the end of the work shift each day, the contractor shall provide drivable access to all TEP poles, equipment, and facilities.

LEGEND	PROPOSED	EXISTING
Traffic Control Cabinet with Foundation		
Metered Service Pedestal with Foundation		
Traffic Signal Pole		
Traffic Signal Face	<b>→▶</b>	<b></b>
Pedestrian Signal	O <sub>E</sub>	O <sub>E</sub>
Bicycle Signal	OB	O_B
Pushbutton	$\bigcirc$	<b>○</b> >
Luminaire Pole	○ <b>——)</b>	OO
Pull Box No. 3-1/2	$\Diamond$	$\Diamond$
Pull Box No. 5		
Pull Box No. 7		
Pull Box No. 7 with Extension		

TS01 OF TS04

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		& AS	SOCIATES P 520	0.544.406	5701 7 <b>F 520</b> .5	544.9616	TUCSON	TRAFFIC	SIGNAL AND LIGH	HTING G	ENERAL NOTES	
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Contact Arizona 811 at least two full working days before you begin excavation					+ +		NOT FOR				TRANSPORTATION DIRECTOR	
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- Remove and salvage existing Type Q Signal Pole. Remove existing foundation. Backfill and compact void.
- 2 Remove and salvage existing Signal Control Cabinet complete. Remove existing foundation. Backfill and compact void.
- Remove and replace No. 7 Pull Box with Extension.
- 4 Remove and replace No. 7 Pull Box.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE CITY OF TUCSON \*\*EXECUTION | 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616 TRAFFIC SIGNAL PLAN SHEETS PRELIMINARY APPROVALS 90% REVIEW NOT FOR CONSTRUCTION TRANSPORTATION DIRECTOR \_\_\_\_ SCALE: \_\_\_1"=20' OR RECORDING U-2022-006 DRWN. BY <u>BDH</u> 20 <u>23</u> DSGN. BY <u>BDH</u> 20 <u>23</u> CHKD. BY <u>FLG</u> 20 <u>23</u> PLAN NO. \_

TS02 of TS04

Contact Arizona 811 at least two full working days before you begin excavation and the contact of the contact o

			CABINET SCHEDUL	E		
CABINET	TYPE	CONTROLLER	AUX. CONTROLLER	FOUNDATION	LOCATION	REMARKS
A	METERED PEDESTAL	-	-	T 1801	-	PROTECT IN PLACE
B	CONTROLLE R TYPE V T 313	NEMA TS-2 TYPE 2 ECONOLITE COBALT CONTROLLER	-	T 203	418+57.32 68.2' Rt	

						POLE SCHEDULE	<u> </u>			
	POLE		MA	ST ARM	SI	GNALS	PED/BIKE PUSHBUTTON	LUMINAIRE	LOCATION	REMARKS
	NUMBER	TYPE	SIGNAL	LUMINAIRE	FACE	MOUNTING				
C	F Bike V Y 12'	Q T 412	30'	20'	(3) F T 801 (1) F BIKE T 801 (1) PED T 804	(2) II T 901 (1) VII T 905 (1) XI T 909	-	SEE EQUIPMENT NOTE 5 SHT TS01	418+55.41 10.0' Rt	INSTALL VIDEO DETECTION CAMERA ON LUMINAIRE MAST ARM. INSTALL PREEMPT SENSOR AND BEACON. INSTALL CROSSING SIGN ON MAST ARM, SHT SG10.
D	ð	PPB POST - TYPE I T 419	-	-		-	(1) TYPE I 2" ADA T 1101 BIKE T 1103	-	418+49.58 9.0' Rt	
(E)	F Bike	A - 10' T 401	-	-	(1) F BIKE T 801 (2) PED T 804	(1) IV T 903 (2) XI T 909	-	-	418+55.33 3.0' Lt	
F	Ō	PPB POST - TYPE I T 419	-	-	-	-	(1) TYPE I 2" ADA T 1101 R10-4b(L) T 1104	-	418+65.42 15.0' Rt	
G	· •	TYPE 1 T 444	-	15'	-	-	-	SEE EQUIPMENT NOTE 5 SHT TS01	419+37.02 43.0' Rt	
H	F Bike	A - 10' T 401	-	-	(1) F BIKE T 801 (2) PED T 804	(1) IV T 903 (1) XI T 909	-	-	419+35.49 10.0' Rt	
I	Q	PPB POST - TYPE I T 419	-	-	-	-	(1) TYPE I 2" ADA T 1101 BIKE T 1103	-	419+39.66 2.0' Lt	
J	12' F Bike	Q T 412	30'	20'	(3) F T 801 (1) F BIKE T 801 (1) PED T 804	(2) II T 901 (1) VII T 905 (1) XI T 909	(1) TYPE I 2" ADA T 1101	SEE EQUIPMENT NOTE 5 SHT TS01	419+35.47 3.0' Lt	INSTALL VIDEO DETECTION CAMERA ON LUMINAIRE MAST ARM. INSTALL PREEMPT SENSOR AND BEACON. INSTALL CROSSING SIGN ON MAST ARM, SHT SG10.
K	$\bigcirc$	PPB POST - TYPE I T 419	-	-	-	<del>-</del>	(1) TYPE I 2" ADA T 1101 R10-4b(L) T 1104	-	49+25.98 8.5' Rt	

	CO	NDU	JIT A	ND C	COND	UCT	OR S	CHE	DULE	=								
	CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	(11)	12	13	14)	15)	<u>(16)</u>	17)
	CONDUIT SIZE (INCHES)	21/2	2	3(4)	2(4)	3	2	2	2(4)	2	2(4)*	2	2(4)	2	2	2(4)	2	3
	CIRCUIT PHASE																	
(#14) 16 CONDUCTOR IMSA CABLE	BLACK-PED SIGNAL WALK WHITE-SIGNAL COMMON RED-AØ SIGNAL RED GREEN-AØ SIGNAL GREEN ORANGE-PED PUSHBUTTON BLUE-AØ SIGNAL YELLOW WHITE W/B-LOW VOLTAGE COMMON RED W/B-AØ AUX RED GREEN W/B-AØ AUX GREEN ORANGE W/B-SPARE PED PUSHBUTTON BLUE W/B-AØ AUX YELLOW BLACK W/W-PED SIGNAL DON'T WALK RED W/W-SPARE GREEN W/W-BØ LEFT TURN GREEN BLUE W/W-BØ LEFT TURN YELLOW BLACK W/R-SPARE	EXIST SERVICE CONDUCTORS				C			E	E	H		H	$\Xi$		J		J
#14 7CC IMSA				4	2		1	1			2		2		1	1	1	
#8 BARE	EQUIPMENT GROUND			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
#10 THW	STREET LIGHT CIRCUIT #1 (BLACK)  STREET LIGHT CIRCUIT #2 (RED)  STREET LIGHT COMMON (WHITE)  PRE-EMT BEACON  PRE-EMT BEACON  E W			1 1 1	1 1	1 1					1 1 1	1	1 1 1			1 1 1		1 1 1
#4 THW	POWER HOT (RED) (BLACK) POWER NEUTRAL (WHITE)		2															
TOMAR M913	PRE-EMPT SENSOR  PRE-EMPT SENSOR  E W			1 1	1	1					1		1			1		1
TERRA 3 CABLE	VIDEO DETECTION CABLE			2	1	1					1		1			1		1

<sup>\*</sup>REUSE EXISTING 4" CONDUIT, INSTALL SECOND 4" CONDUIT.

## **NOTES**

1. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE KITTELSON 2 E CONGRESS STREET, SUITE 705
TUCSON, AZ 85701

& ASSOCIATES P 520.544.4067 F 520.544.9616

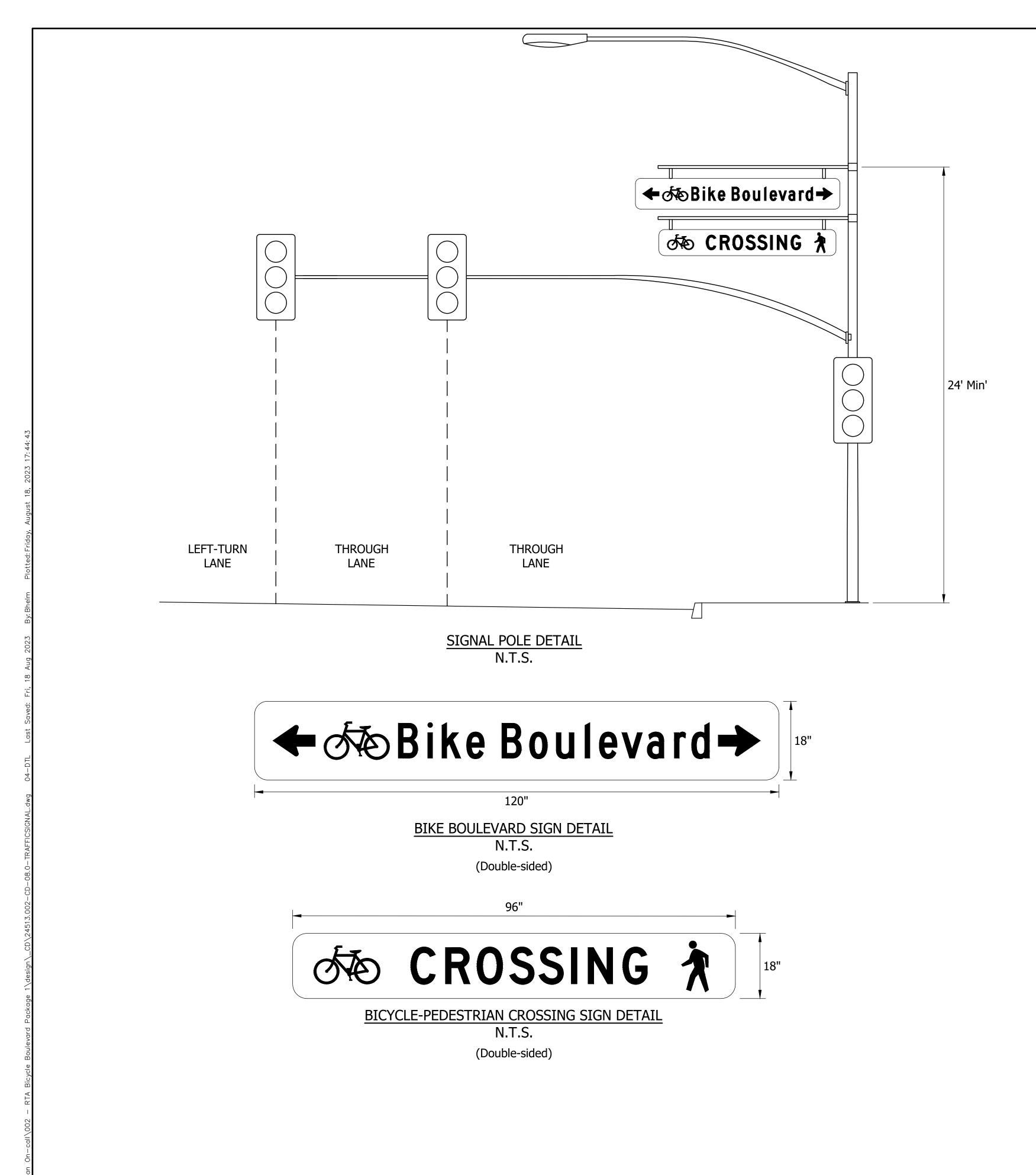
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TS03 OF TS04



RED

YELLOW

F BIKE SIGNAL DETAIL

N.T.S.

F SIGNAL DETAIL N.T.S.

TS04 OF TS04

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Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY BDH 20 23 DSGN. BY	BDH 20 23 CHKD. BY FLO	G 20 23	PLAN NOU-2022-006	5

SHRUBS	BOTANICAL / COMMON NAME	SIZE	9TH AVE: GRANT TO DRACHMAN QTY	9TH AVE: REMAINING QTY	5TH ST QTY	9TH ST QTY	TOTAL QTY
	Ambrosia deltoidea Triangle-Leaf Bursage	1 gal.	47	11	6	15	79
X	Anisacanthus thurberi Desert Honeysuckle	5 gal.	12	1	0	0	13
+	Asclepias subulata Desert Milkweed	5 gal.	17	3	2	1	23
+	Calliandra eriophylla Sonoran Fairy Duster	5 gal.	27	10	4	2	43
	Dalea frutescens Black Dalea	5 gal.	14	4	2	3	23
	Ericameria Iaricifolia Turpentine Bush	5 gal.	25	7	0	1	33
	Fouquieria splendens Ocotillo	15 gal.	3	5	1	2	11
	Justicia californica Chuparosa	5 gal.	13	4	0	0	17
	Larrea tridentata Creosote Bush	5 gal.	5	4	1	0	10
*	Simmondsia chinensis Jojoba	5 gal.	11	1	0	0	12
	Sphaeralcea ambigua Desert Globemallow	5 gal.	42	21	5	7	75
ACTI	BOTANICAL / COMMON NAME	SIZE	9TH AVE: GRANT TO DRACHMAN QTY	9TH AVE: REMAINING QTY	5TH ST QTY	9TH ST QTY	TOTAL QTY
	Ferocactus wislizenii Fish Hook Barrel Cactus	1` Ht.	11	10	2	2	25
	Opuntia santa-rita Santa Rita Prickly Pear	5 gal.	9	5	1	4	19
RASSES	BOTANICAL / COMMON NAME	SIZE	9TH AVE: GRANT TO DRACHMAN QTY	9TH AVE: REMAINING QTY	5TH ST QTY	9TH ST QTY	TOTAL QTY
		1				1	1

HARDSO	CAPE SCHEDULE						
SYMBOL	DESCRIPTION	9TH AVE: GRANT TO DRACHMAN QTY	9TH AVE: REMAINING QTY	5TH ST QTY	9TH ST QTY	TOTAL QTY	COLOR
	2` x 2` Boulder	19	10	3	3	35	Santa Fe Brown
	3` x 3` Boulder	12	1	1	0	14	Santa Fe Brown
	Desert Cobble	625 sy	152 sy	37 sy	70 sy	884 sy	Santa Fe Brown
	Grouted Rip Rap	35 sy	25 sy	0 sy	35 sy	95 sy	Santa Fe Gold
(not shown in plans)	Organic Woody Mulch	35 cy	8 cy	2 cy	4 cy	49 cy	N/A

### LANDSCAPE GENERAL NOTES

- 1. Plant and hardscape material installed outside of 5' radius from center of traffic circles shall have a height of less than thirty inches (30") (mature height plants).
- 2. No plant or hardscape material shall be located on hand placed grouted riprap.
- 3. The work shall be done in accordance with the Plans. Special Provisions and the Standard Specifications and Details for Public Improvements, PAG 2016 Edition. Contractor is responsible to obtain copies of the above, as well as all other standards and specifications which may be necessary to completely and accurately interpret these plans.
- 4. All quantities listed are approximate. They are shown for the contractor's convenience. It is the contractor's responsibility to generate a bid estimate based upon the project plans and the actual quantity of plant symbols shown on the plans. In case of discrepancy, quantities shown on plan will prevail.
- 5. All plant materials shall comply with the latest amended edition of the "Arizona Nursery Association recommended tree specifications" sizes for caliper, height and width unless otherwise indicated on these plans.
- 6. Refer to Special Provisions for additional requirements not shown on drawings.

## Areas where Decorative Concrete is installed will receive a decorative concrete aesthetic treatment.

### UTILITIES/SETBACKS

- 1. The Contractor shall be responsible for locating and protecting all underground utilities, pipes and structures prior to starting work. Contractor shall take sole responsibility for any cost incurred due to damage of these utilities during the landscape installation.
- 2. Contractor shall not cover manholes and survey monuments with plating material or riprap. Refer to Traffic Circle Details.
- 3. All plant material located within ten (10) feet horizontally of the public sanitary sewer and manholes and/or within the public sewer easements shown hereon shall be in accordance with the planting guidelines contained within Section 7.7, PCRWRD Engineering Design Standards, 2016 Edition and Detail RWRD 111, SSDC current editions.
- 4. Trees shall be located to avoid conflicts with overhead and underground utilities.
  - a. Sewer: Tree trunks shall be 16' min. from manholes, and all parts of trees shall be 10'

  - b. Gas: Tree trunks shall be 8' min. from all gas lines. c. Electric: Tree trunks shall be 3-5' min. from all electrical lines.
  - d. Water: Tree trunks shall be 10' min. from all water lines.
  - e. Fire hydrants: Tree trunks shall be 3-5 min. from fire hydrants. f. Light poles: Tree trunks shall be 15' min. from light poles.
  - g. Power and traffic poles: Tree trunks shall be 10' min. from poles.

## LANDSCAPE GRADING

- 1. The Landscape Contractor is responsible for the fine grading of depressed basin within traffic circles. Refer to Landscape Details.
- 2. The Engineer shall approve final grading of water harvesting basins prior to installation of inert material. Final grade to be approved prior to installing of decomposed granite or rock mulch. Rip bottom of basins 8" deep prior to requesting an inspection.
- 3. Side slopes of traffic circles shall be 16:1. Refer to Landscape Details.

### PLANTING NOTES

- 1. All trees shall have single trunks with a low branch standard. Provide 0.5" minimum caliper of main leaders for multiple trunk trees.
- 2. Orient sun-burn susceptible plants per original rotation.
- 3. The Landscape Architect reserves the right to refuse any plant material deemed unacceptable upon delivery to the site. Plants with rootballs with circling roots and root-bound roots will be rejected. Contact Landscape Architect prior to installation.
- 4. Contractor shall make no plant substitutions, of type or quantity, that deviate from the landscape without prior approval by the Landscape Architect.
- 5. Provide plant stock true to botanical name and legibly tagged. Trademarked plants shall bear grower's tag.
- 6. Test planting pit drainage and provide drainage chimneys as required by Specifications, taking extra precaution to ensure that drainage is adequate through caliche, if present. Notify TDOT Representative if planting pits do not drain within the required time period.
- 7. The root crown shall be 1" above finish soil grade. Remove excess surface soil from container, exposing crown & root hairs. Trees that settle to below the 1" above finish soil grade level will be deemed too deep.
- 8. All trees planted too deep or that have sunken 2" or more during the maintenance/warrantee period will be replaced by landscape contractor at landscape contractor's expense.
- 9. If the tree or plant pit is excavated beyond the optimal placement depth, the contractor is to replace soil under the rootball and mechanically tamp soil to 85% compaction. Replace soil in pit until the optimal plant placement depth is achieved.

### ORGANIC WOODY MULCH NOTES

- 1. Organic woody mulch shall consist of 1/2" minus woodchips. The hardwood material is natural, made without color additives or chemical additives, and is composed of locally sourced material from mesquites, palo verdes, pines, and eucalyptus. The term "organic" applies to a natural material derived from living organisms. No inorganic rock material shall be incorporated into the
- 2. Mulch shall be applied evenly at a 2" thickness above the ripped soil and below the plating material. Do not mix mulch into soil.
- 3. Keep mulch 4" away from trunks of trees or shrubs to prevent rot.

LP1-01 of LP1-02

U-2022-006

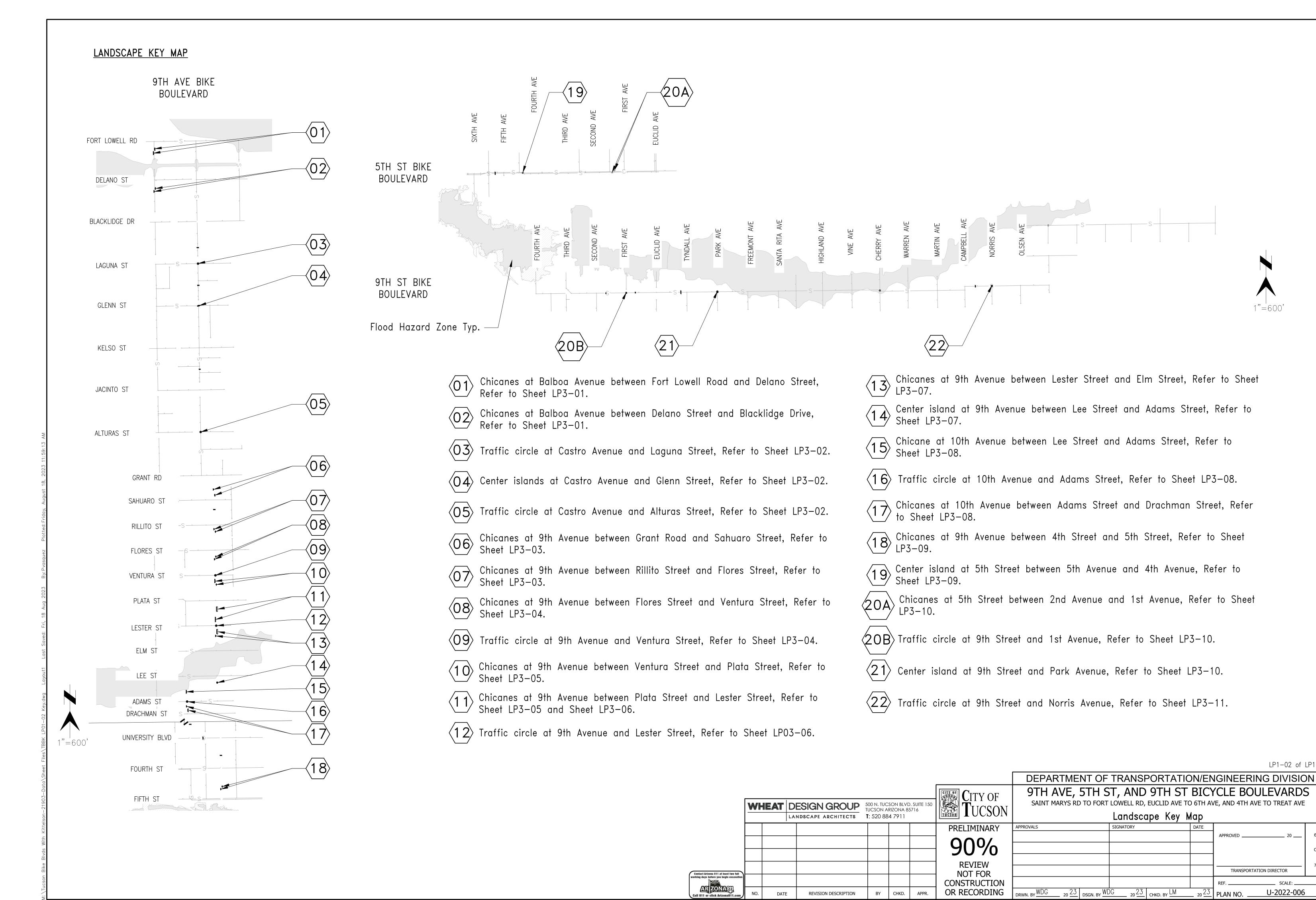
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS CITY OF TUCSON SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE WHEAT DESIGN GROUP 500 N. TUCSON BLVD. SUITE 1 TUCSON ARIZONA 85716 Landscape Summary LANDSCAPE ARCHITECTS T: 520 884 7911 PRELIMINARY APPROVED . 90% **REVIEW** TRANSPORTATION DIRECTOR NOT FOR Contact Arizona 811 at least two ful orking days before you begin excavat AR ZONA811

Call 811 or click Arizona811 CONSTRUCTION OR RECORDING \_\_\_\_\_20 <u>23</u> | CHKD. BY <u>LM</u> REVISION DESCRIPTION CHKD.

CERTIFICATION STATEMENT REQUIRED BY PCRWRD

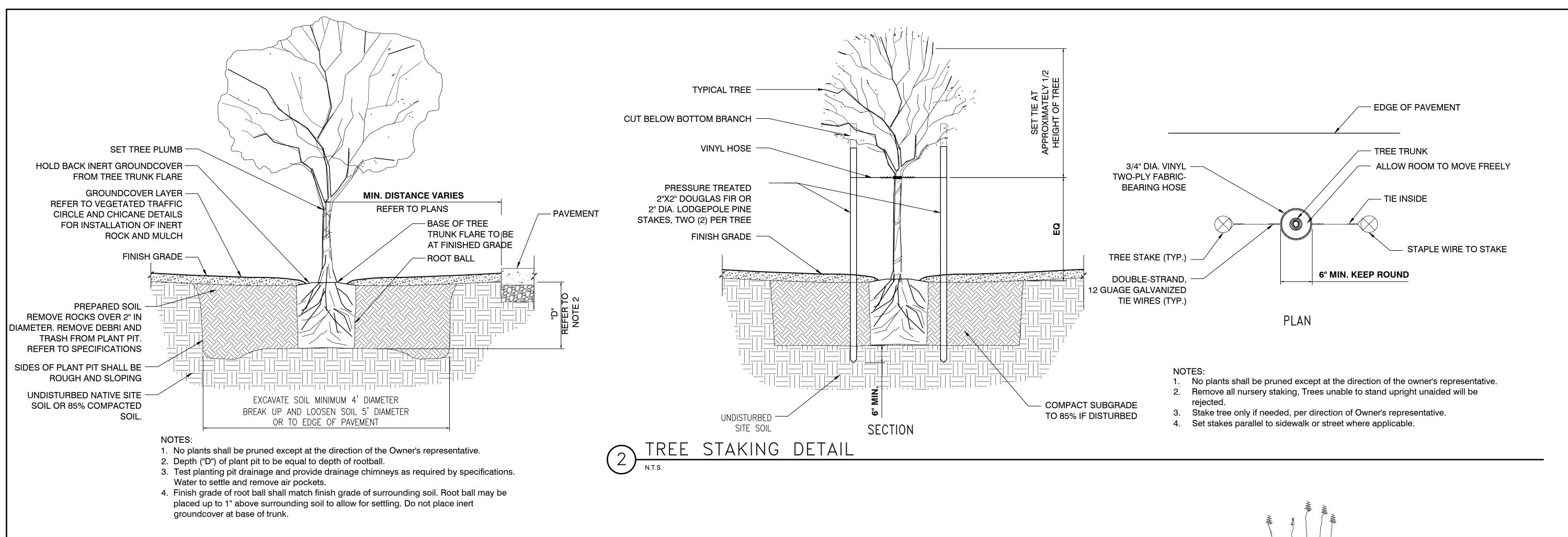
These landscape plans are designed to meet the requirements and intentions of the Pima County Regional Wastewater Reclamation Department's Section 7.7 of the Engineering Design Standards and Standard Details RWRD 111 and RWRD 112, latest edition.



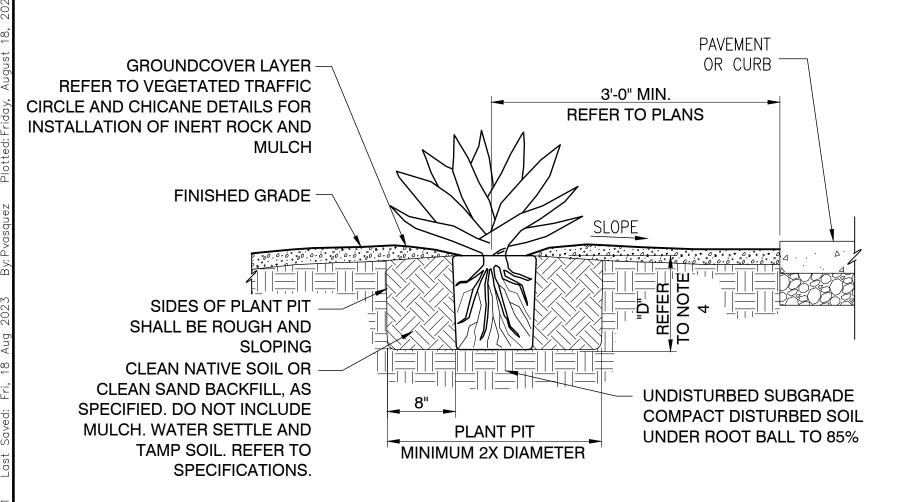


LP1-02 of LP1-02

U-2022-006



TREE PLANTING DETAIL

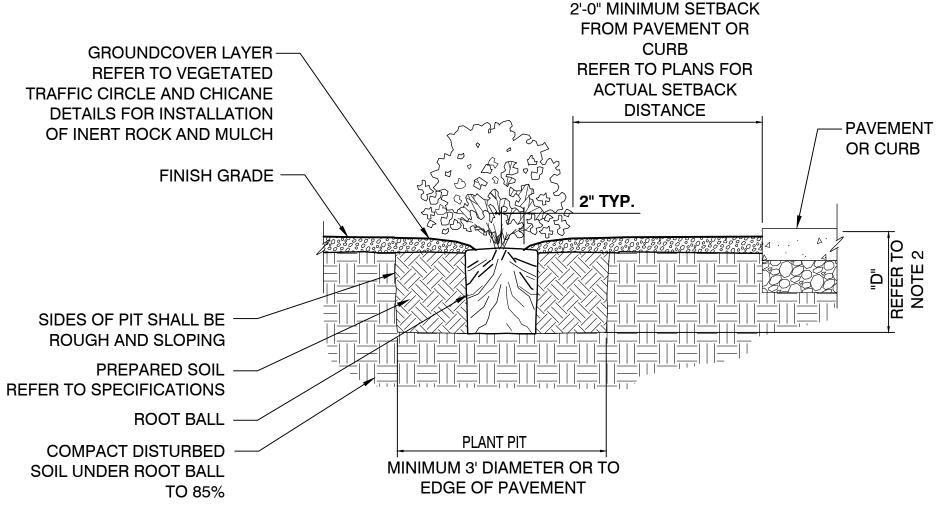


## NOTES:

- 1. This detail applies to nursery grown stock of the Genera agave, aloe,
- dasylirion, hesperaloe, nolina and yucca.
- Do not create a basin at base of plant. Slope backfill away from stem.
   Set stem succulent so that top of root ball matches adjacent grade.
- 4. Depth ("D") of plant pit to be equal to depth of rootball.

AGAVE AND SUCCULENT PLANTING

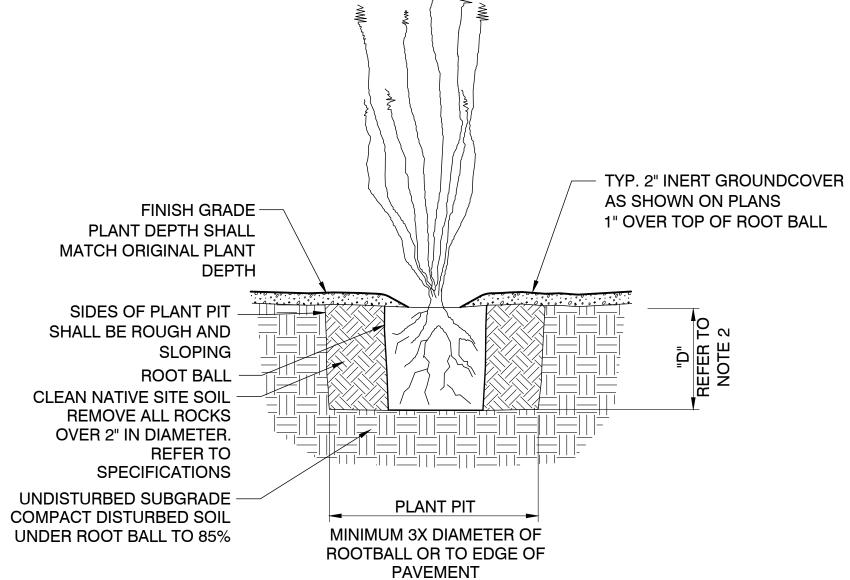
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## NOTES:

- No plants shall be pruned except at the direction of the owner's representative.
- No plants shall be pruned except at the direction of the c
   Depth ("D") of plant pit to be equal to depth of rootball.
- 3. Test planting pit drainage and provide drainage chimneys as required by specifications.
- 4. Finish grade of root ball shall match finish grade of surrounding soil. Root ball may be placed up to
- 1" above surrounding soil to allow for settling.5. Do not place inert groundcover at base of plant.

SHRUB PLANTING DETAIL



## NOTES:

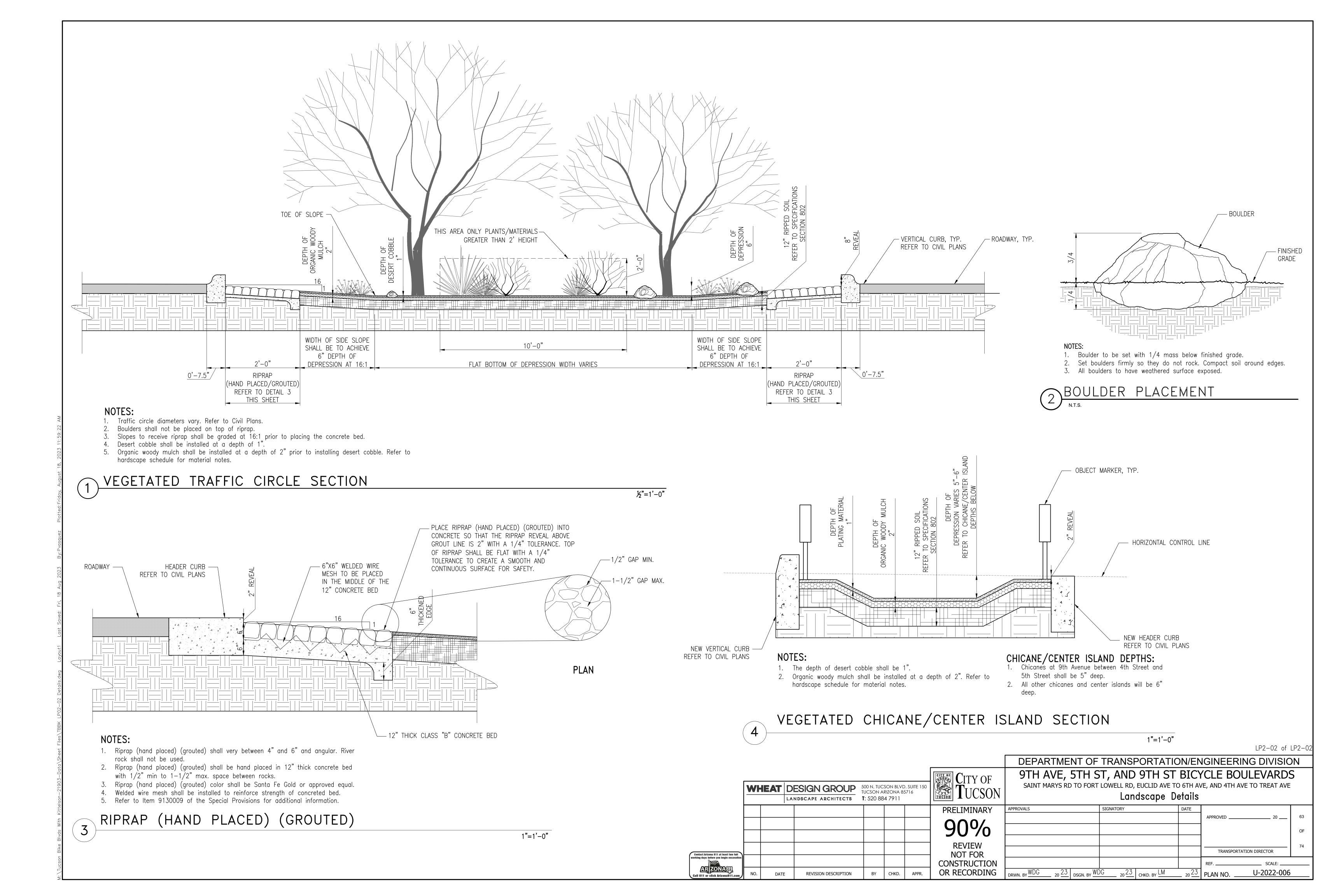
- 1. No plants shall be pruned except at the direction of the Owner's representative.
- 2. Depth ("D") of plant pit to be equal to depth of rootball.
- 3. Test planting pit drainage and provide drainage chimneys as required by Specifications.
- 4. Finish grade of root ball shall match finish grade of surrounding soil. Root ball may be placed up to 1" above surrounding soil to allow for settling. Do not place mulch at base of plant.

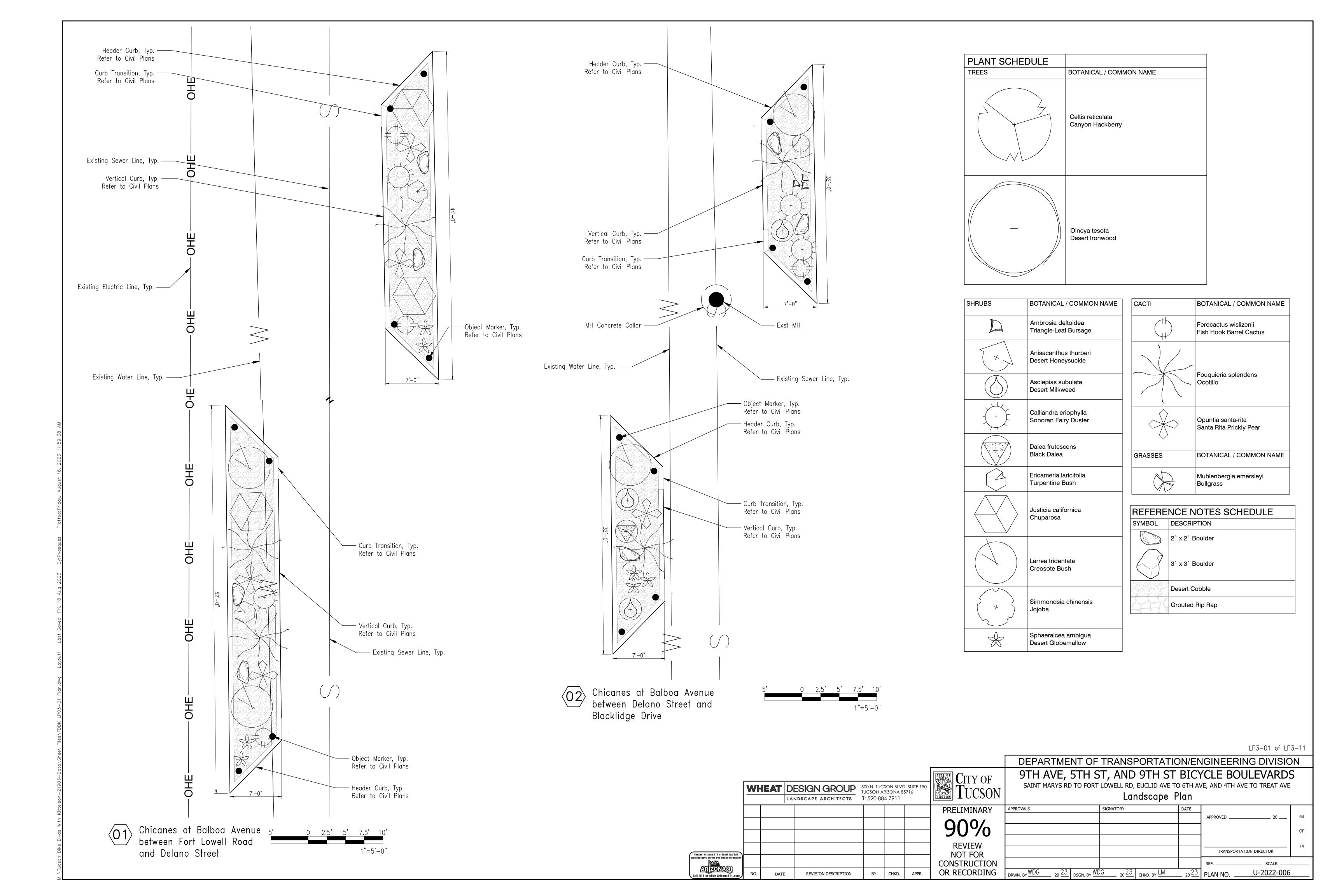
OCOTILLO PLANTING (CONTAINER GROWN)

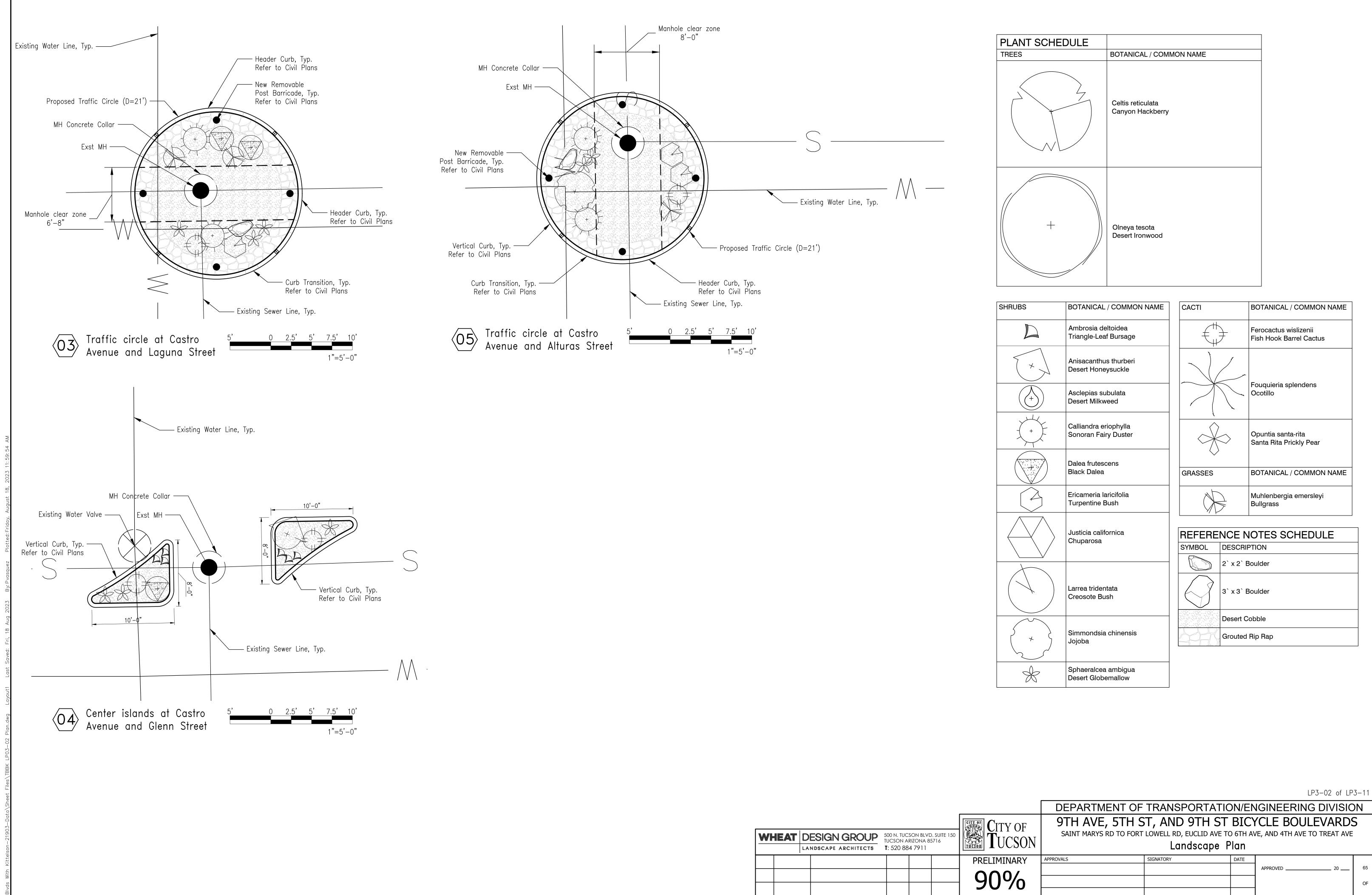
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LP2-01 of LP2-02

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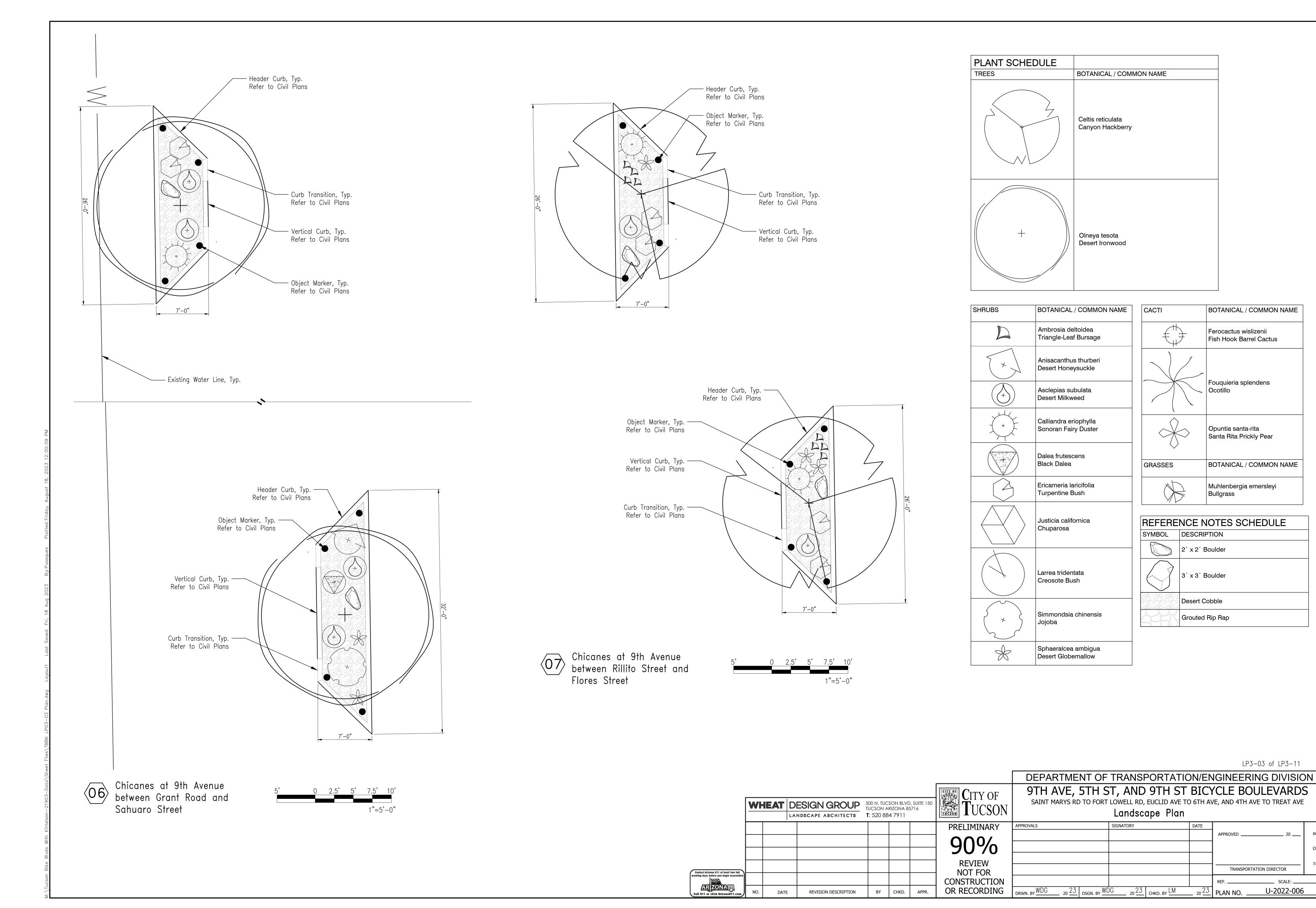
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Call 811 or click Arizona811.

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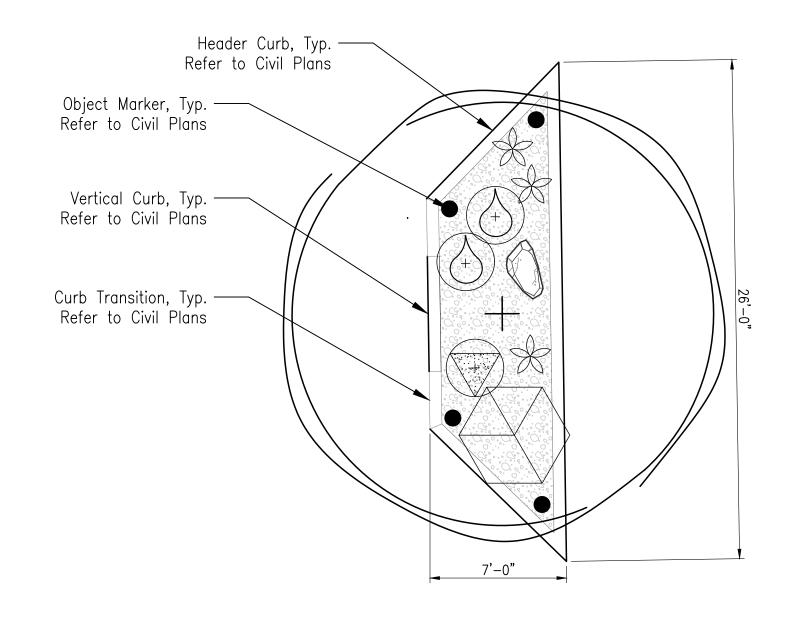
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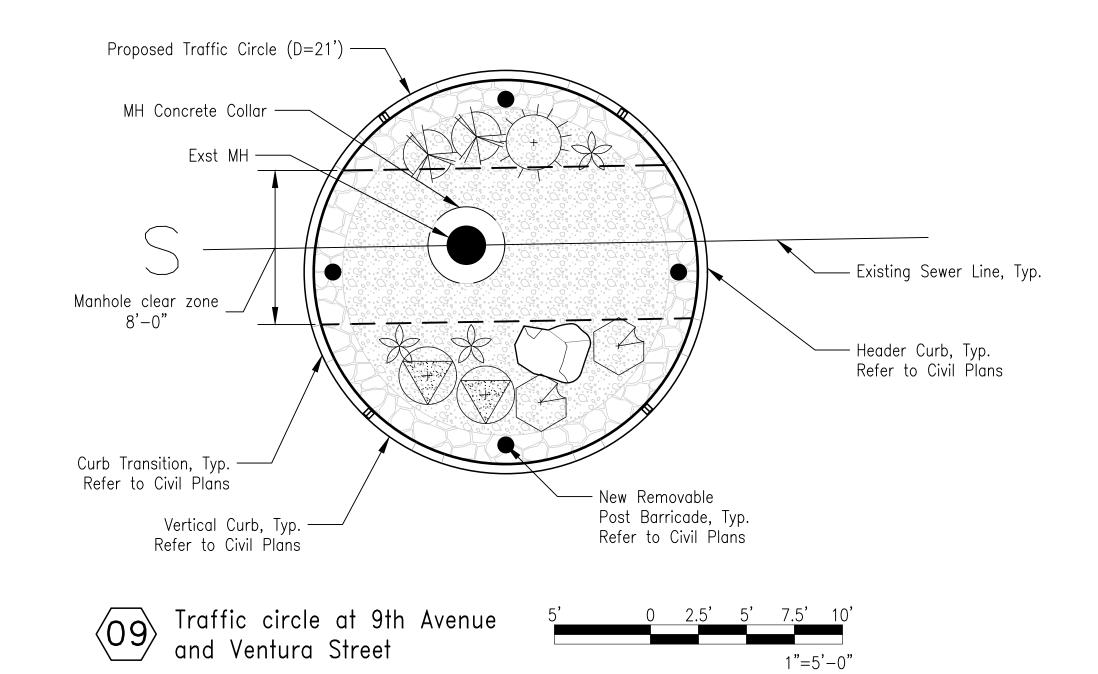
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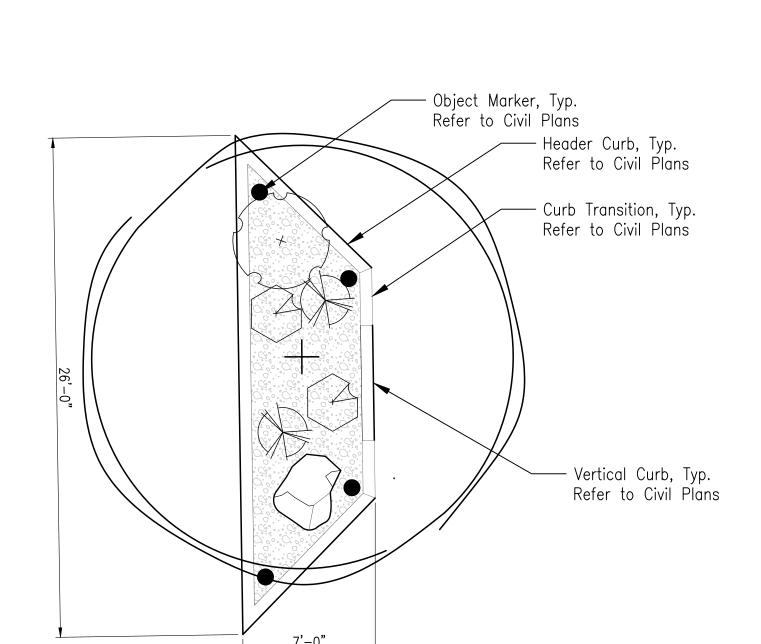


LP3-03 of LP3-11

U-2022-006

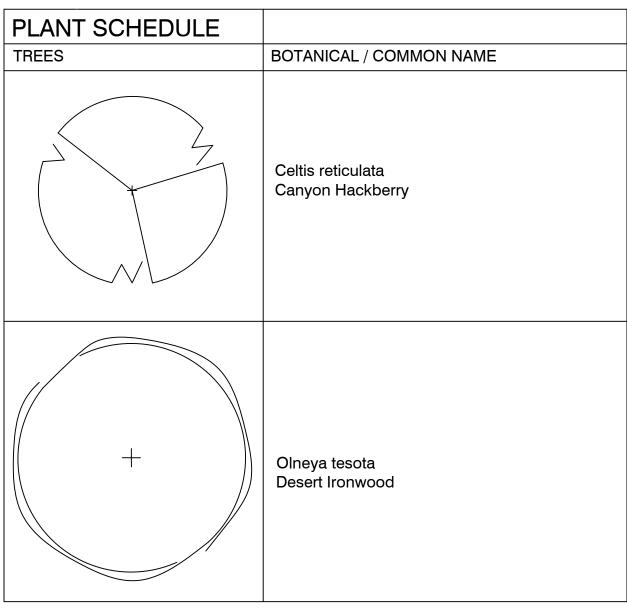








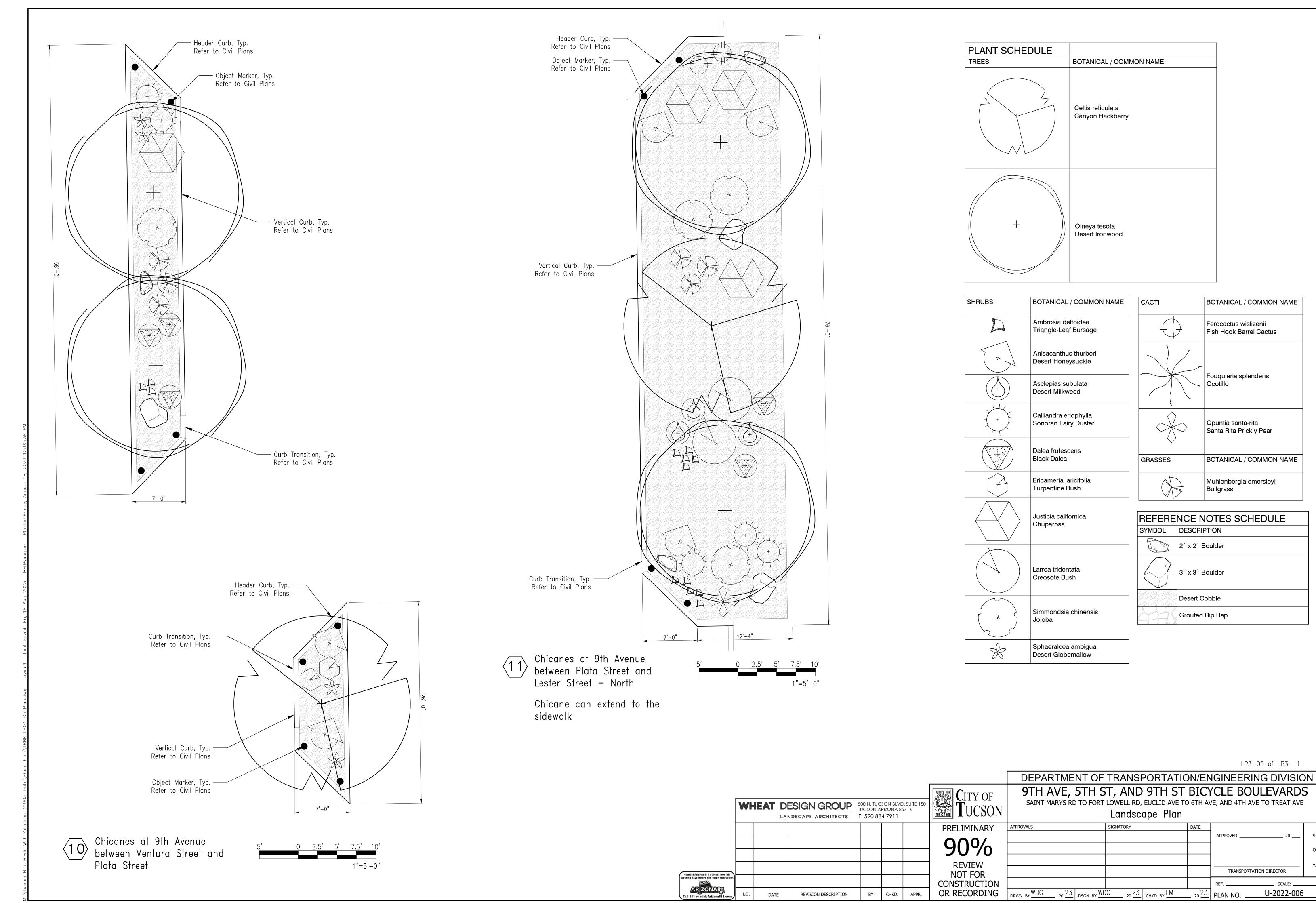




SHRUBS	BOTANICAL / COMMON NAME	CACTI	BOTANICAL / COMMON NAME
	Ambrosia deltoidea Triangle-Leaf Bursage		Ferocactus wislizenii Fish Hook Barrel Cactus
X	Anisacanthus thurberi Desert Honeysuckle		
+	Asclepias subulata Desert Milkweed		Fouquieria splendens Ocotillo
+	Calliandra eriophylla Sonoran Fairy Duster		Opuntia santa-rita Santa Rita Prickly Pear
	Dalea frutescens Black Dalea	GRASSES	BOTANICAL / COMMON NAME
	Ericameria Iaricifolia Turpentine Bush		Muhlenbergia emersleyi Bullgrass
	Justicia californica Chuparosa	SYMBOL DESC	NOTES SCHEDULE
	Larrea tridentata Creosote Bush		2` Boulder 3` Boulder
	Simmondsia chinensis		rt Cobble ted Rip Rap
*	Jojoba	Grout	
	Sphaeralcea ambigua Desert Globemallow		

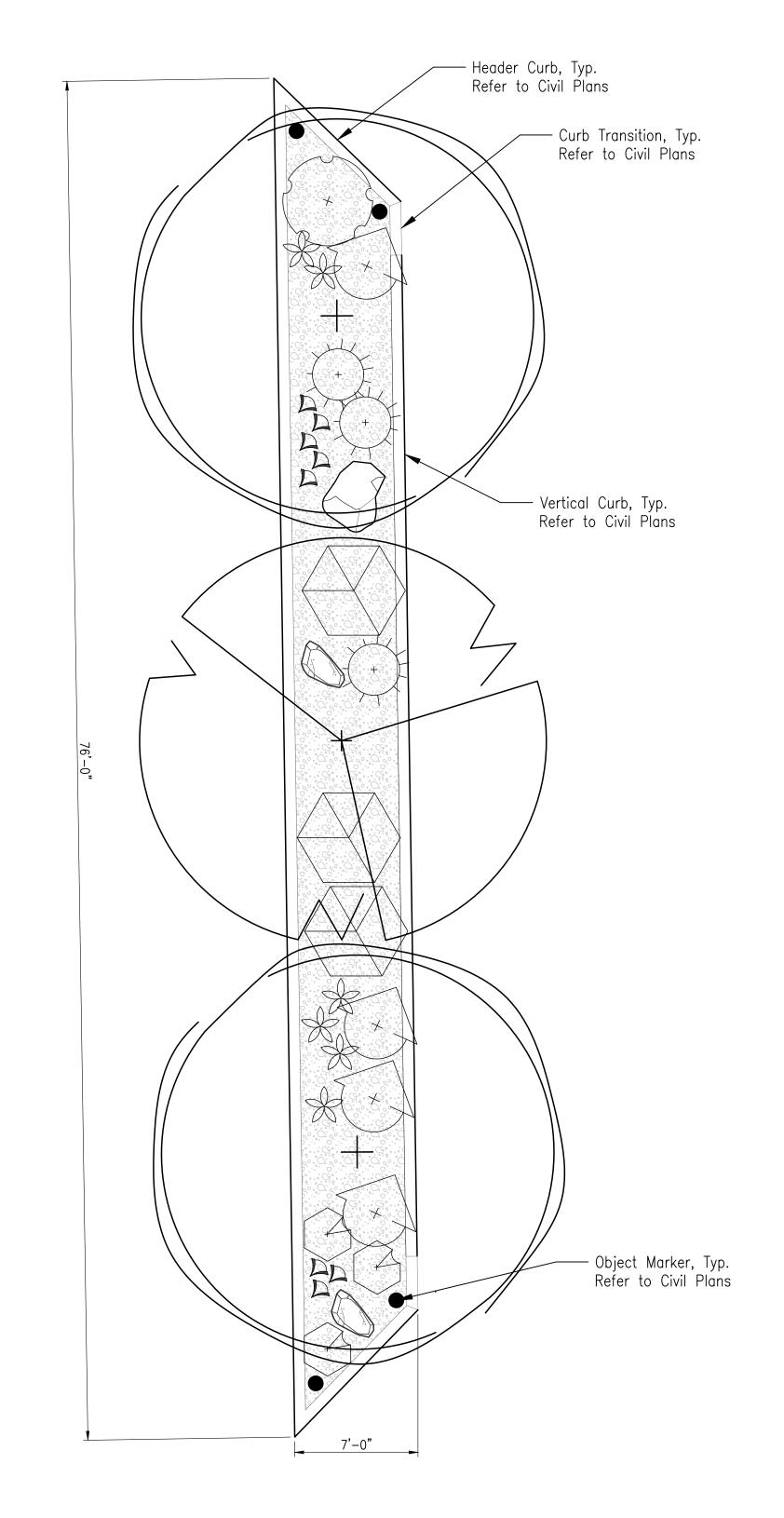
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

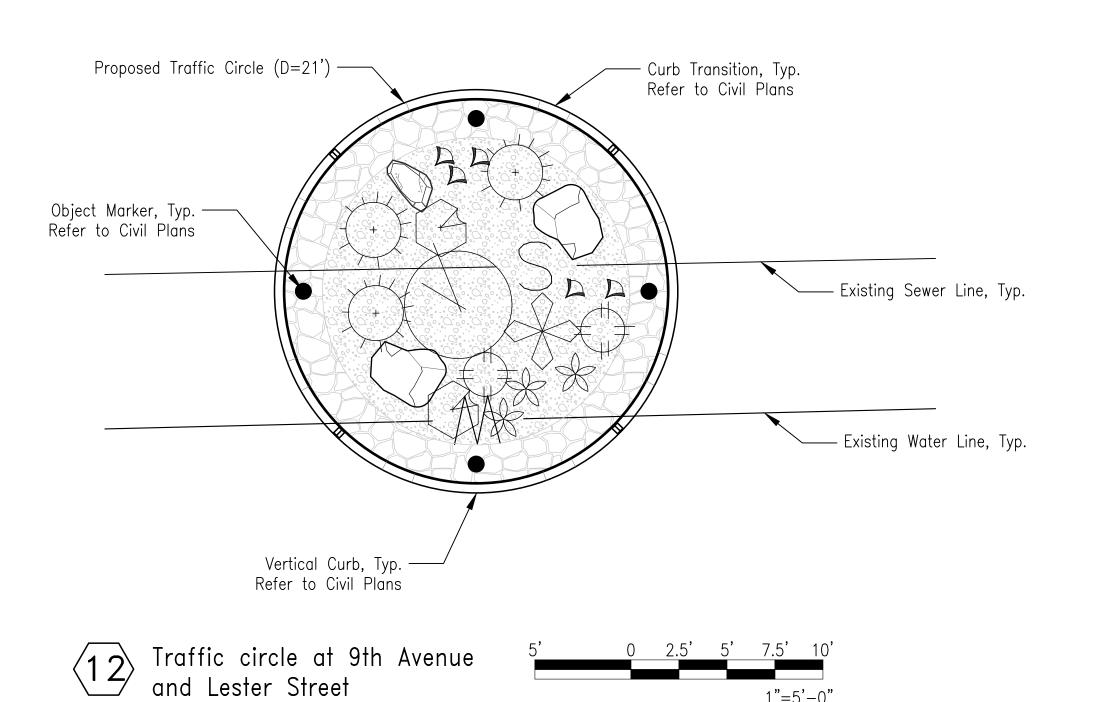
								DEPARTMENT OF	RANSPORTATI	ON/EN	IGINEERING DIVISION	ON
	WHEA	_	DESIGN GROUP ANDSCAPE ARCHITECTS	500 N. TUC TUCSON A T: 520 88	ARIZONA 8	D. SUITE 150 5716	CITY OF TUCSON	1	•	TO 6TH AV	CLE BOULEVARD VE, AND 4TH AVE TO TREAT AVE	
							PRELIMINARY	APPROVALS	SIGNATORY	DATE		
							000/				APPROVED 20	. 67
							90%					OF
							REVIEW				TRANSPORTATION DIRECTOR	. 74
Contact Arizona 811 at least two full working days before you begin excavation					+		NOT FOR				TRANSPORTATION DIRECTOR	
AP ZOMOSTI							CONSTRUCTION				REF SCALE:	
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY WDG 20 23 DSGN. BY W	<u>'DG 20 23 CHKD. BY LM</u>	<sub>20</sub> <u>23</u>	PLAN NO U-2022-000	6

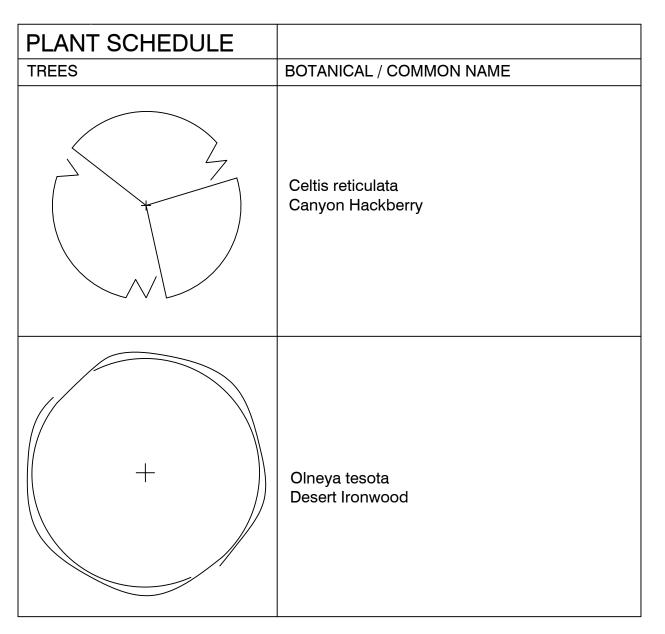


LP3-05 of LP3-11

U-2022-006

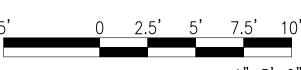






SHRUBS	BOTANICAL / COMMON NAME	CACTI	BOTANICAL / COMMON NAME
	Ambrosia deltoidea Triangle-Leaf Bursage		Ferocactus wislizenii Fish Hook Barrel Cactus
*	Anisacanthus thurberi Desert Honeysuckle		
+	Asclepias subulata Desert Milkweed		Fouquieria splendens Ocotillo
+	Calliandra eriophylla Sonoran Fairy Duster		Opuntia santa-rita Santa Rita Prickly Pear
	Dalea frutescens Black Dalea	GRASSES	BOTANICAL / COMMON NAME
	Ericameria laricifolia Turpentine Bush		Muhlenbergia emersleyi Bullgrass
	Justicia californica Chuparosa		NOTES SCHEDULE
	Larrea tridentata Creosote Bush	3` x 3`	Boulder
*	Simmondsia chinensis Jojoba		Cobble d Rip Rap
	Sphaeralcea ambigua Desert Globemallow		

Chicanes at 9th Avenue between Plata Street and Lester Street — South



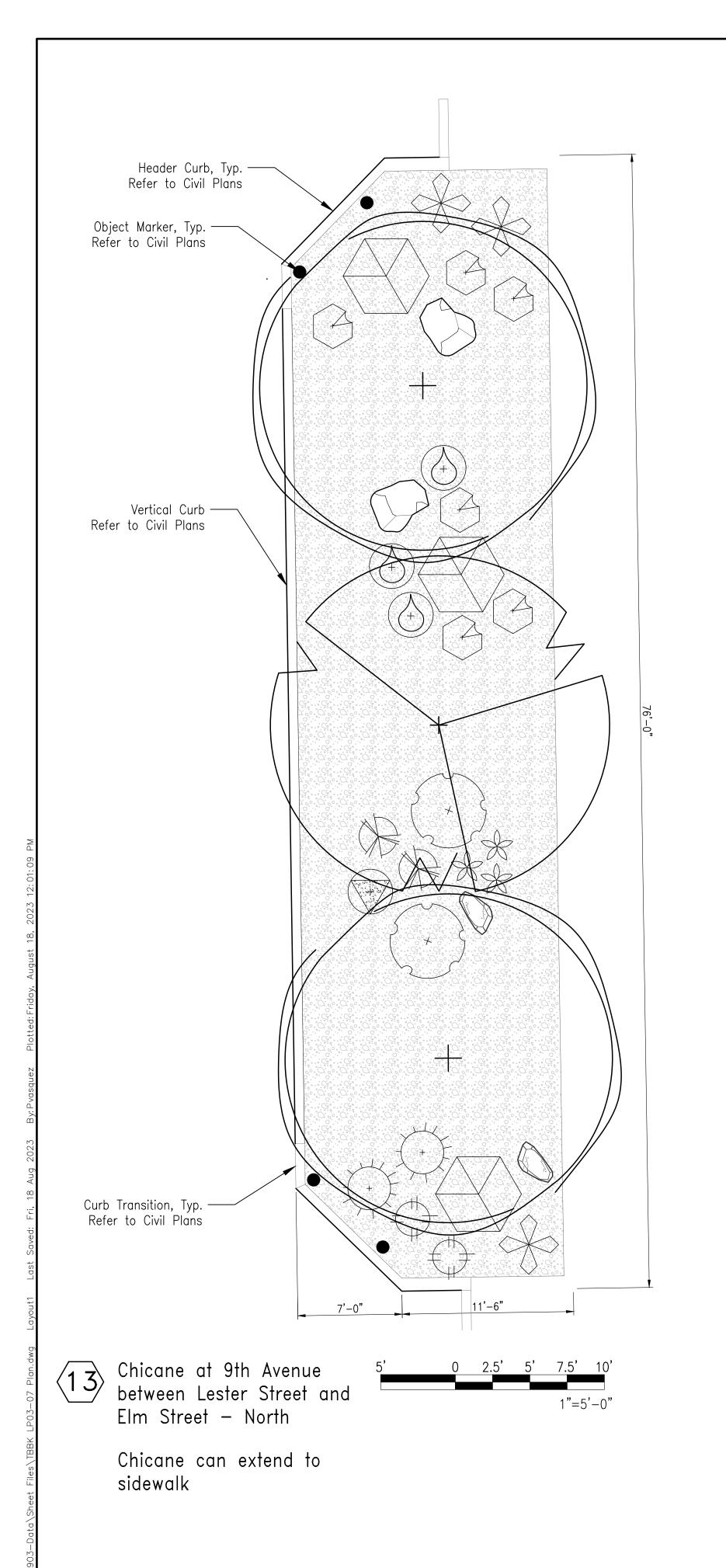
WHEAT DESIGN GROUP 500 N. TUCSON BLVD. SUITE 150 TUCSON ARIZONA 85716 LANDSCAPE ARCHITECTS T: 520 884 7911 Contact Arizona 811 at least two full working days before you begin excavation of the contact of CONSTRUCTION OR RECORDING REVISION DESCRIPTION

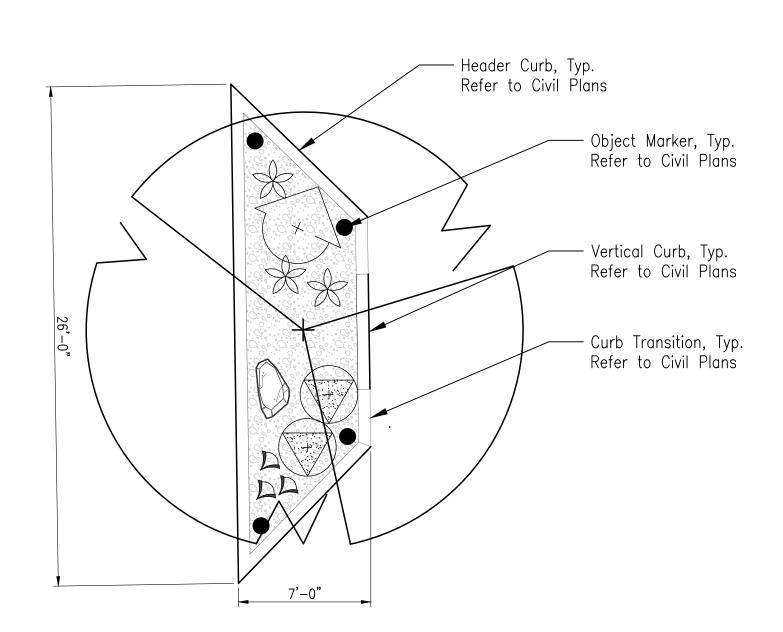
LP3-06 of LP3-11 DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION CITY OF TUCSON Landscape Plan PRELIMINARY 90% REVIEW NOT FOR TRANSPORTATION DIRECTOR

DRWN. BY WDG 20 23 DSGN. BY WDG 20 23 CHKD. BY LM

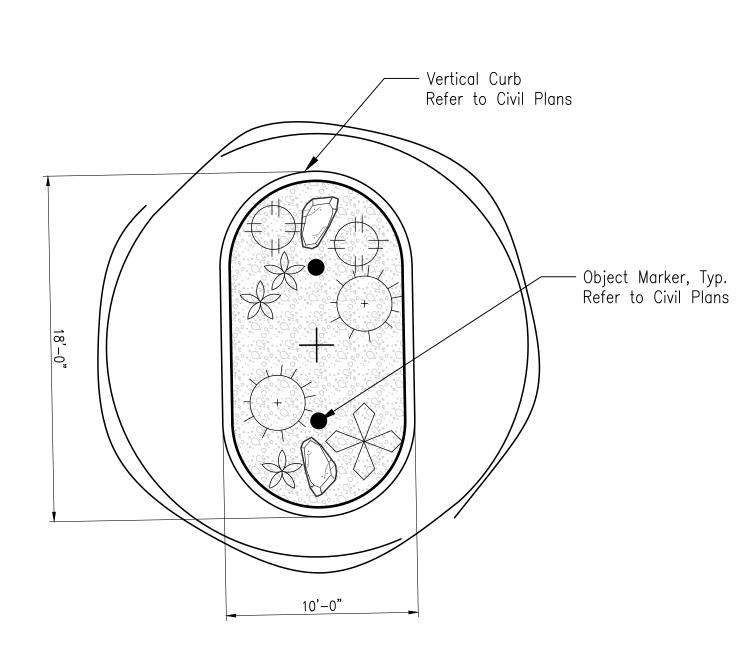
9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE

U-2022-006

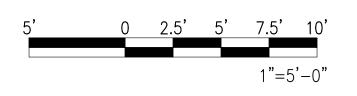


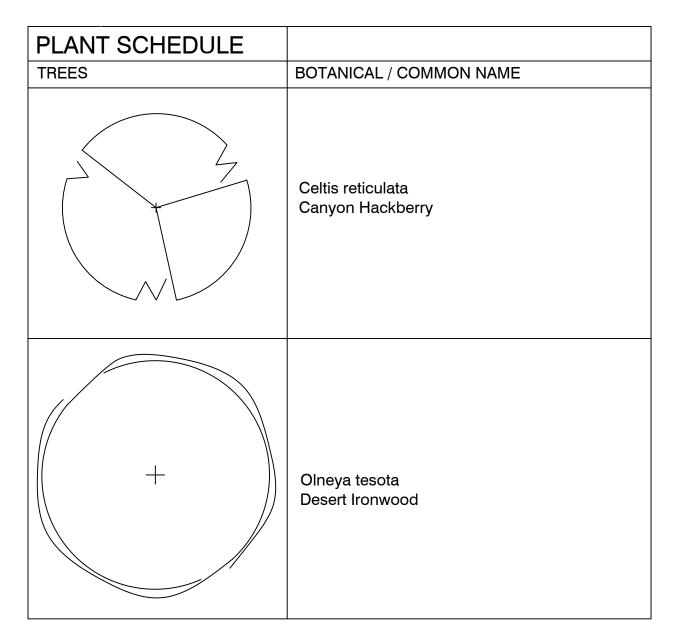


Chicane at 9th Avenue
between Lester Street and
Elm Street — South



Center island at 9th Avenue between Lee Street and Adams Street

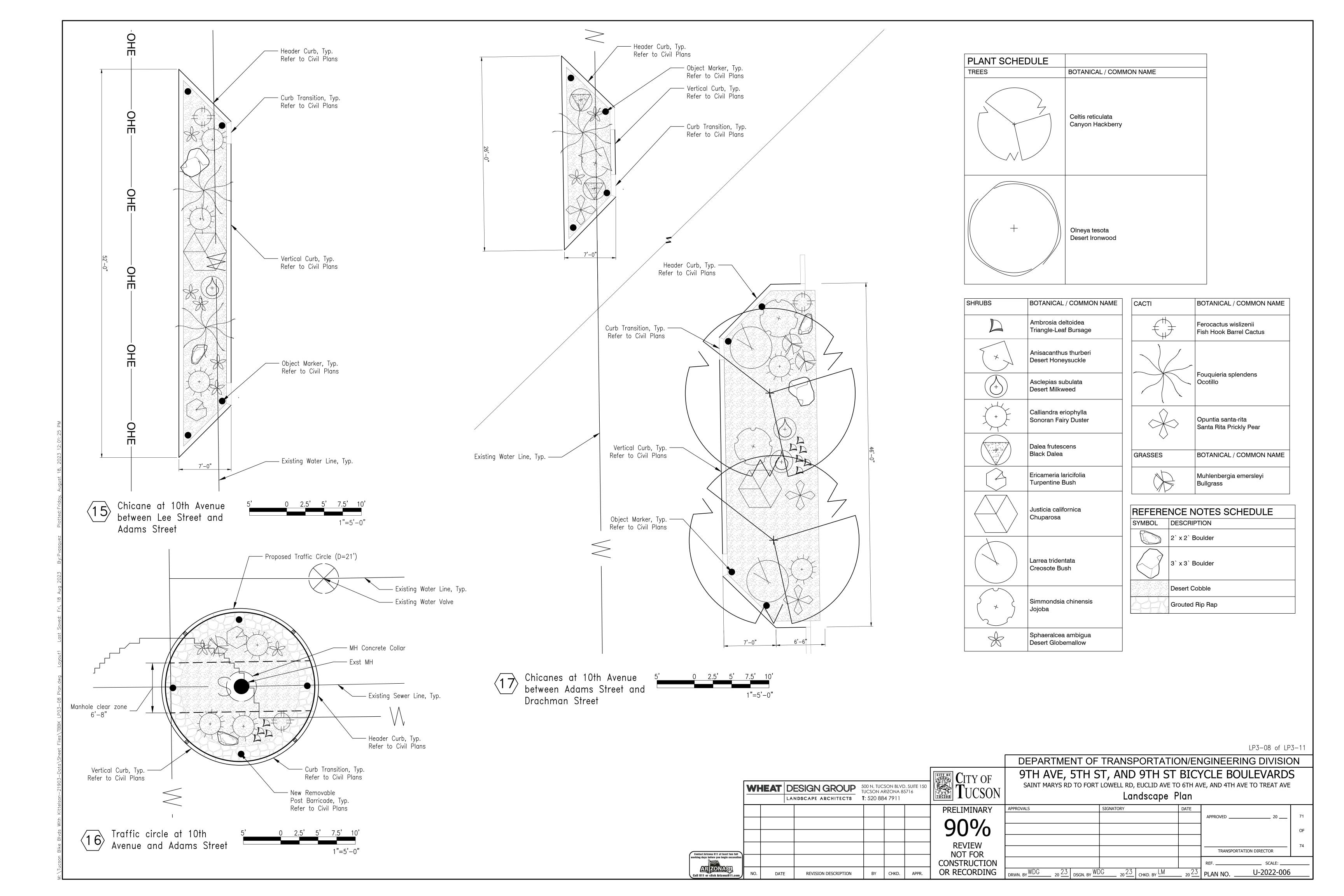


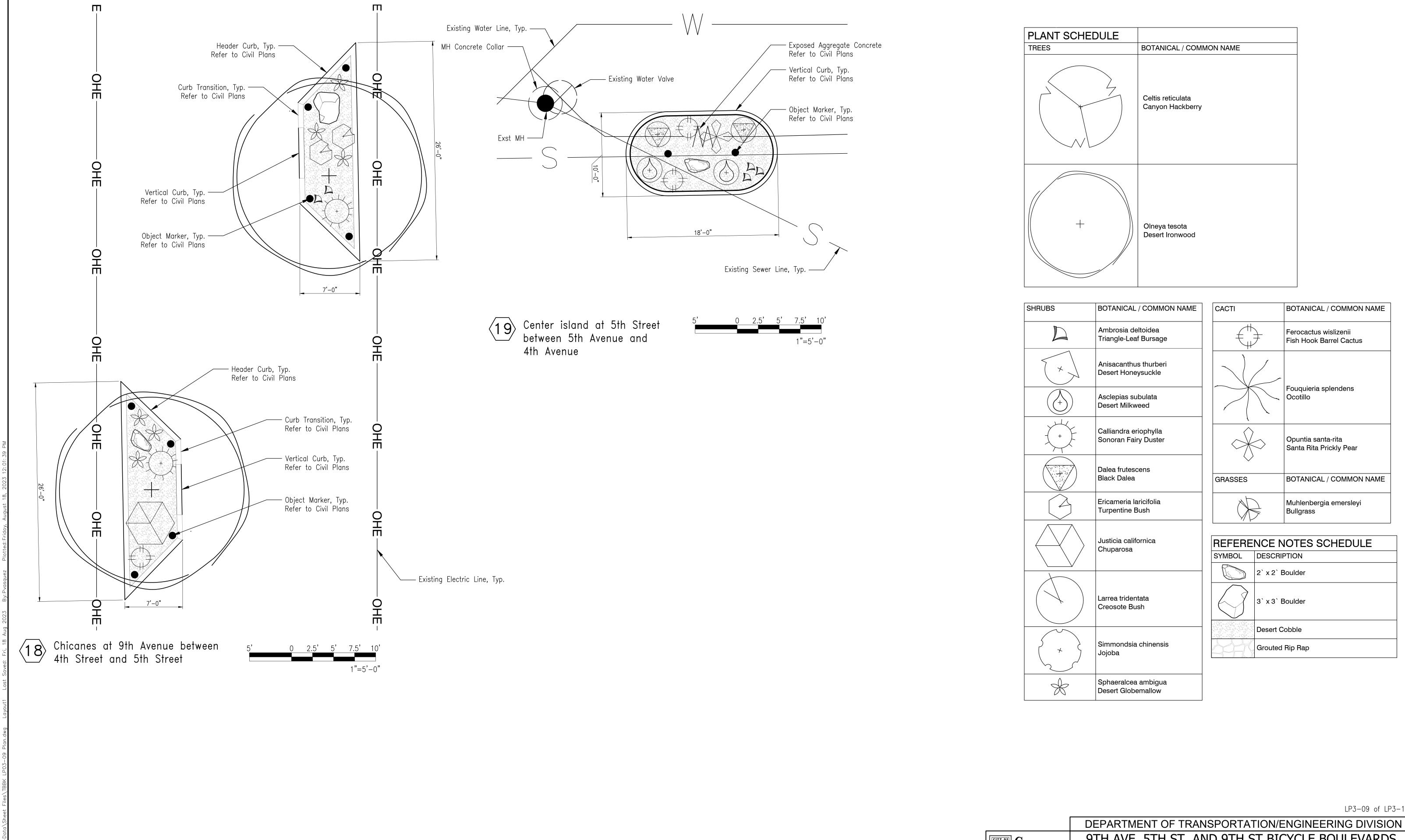


SHRUBS	BOTANICAL / COMMON NAME	CACTI		BOTANICAL / COMMON NAME
	Ambrosia deltoidea Triangle-Leaf Bursage		<del></del>	Ferocactus wislizenii Fish Hook Barrel Cactus
X	Anisacanthus thurberi Desert Honeysuckle			
+	Asclepias subulata Desert Milkweed			Fouquieria splendens Ocotillo
+	Calliandra eriophylla Sonoran Fairy Duster		$\Rightarrow$	Opuntia santa-rita Santa Rita Prickly Pear
	Dalea frutescens Black Dalea	GRASSES		BOTANICAL / COMMON NAME
	Ericameria laricifolia Turpentine Bush		<u>)</u>	Muhlenbergia emersleyi Bullgrass
	Justicia californica Chuparosa	REFEREI		NOTES SCHEDULE
	Larrea tridentata Creosote Bush		2` x 2` E 3` x 3` E	
	Creosote Busii		Desert C	Cobble
*	Simmondsia chinensis Jojoba		Grouted	Rip Rap
	Sphaeralcea ambigua Desert Globemallow			

LP3-07 of LP3-11

								DEPARTM	IENT OF TR	RANSPORTA	ATION/EN	IGINEERING DIVISION	NC
	WH		DESIGN GROUP  ANDSCAPE ARCHITECTS	500 N. TUC TUCSON A <b>T</b> : 520 88	RIZONA 85	). SUITE 150 5716	CITY OF TUCSON		,		VE TO 6TH AV	CLE BOULEVARD (E, AND 4TH AVE TO TREAT AVE	
							PRELIMINARY	APPROVALS	SIGN	ATORY	DATE		70
							$\Omega \Omega \Omega / \Omega$					APPROVED 20	70
							90%						OF
							REVIEW						74
Contact Arizona 811 at least two full working days before you begin excavation							NOT FOR					TRANSPORTATION DIRECTOR	
AR ZONASII							CONSTRUCTION					REF SCALE:	
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY WDG 20 2	DSGN. BY WDG	20 <u>23</u>   CHKD. BY LI	<u>VI 20</u> 23	PLAN NO. <u>U-2022-006</u>	5

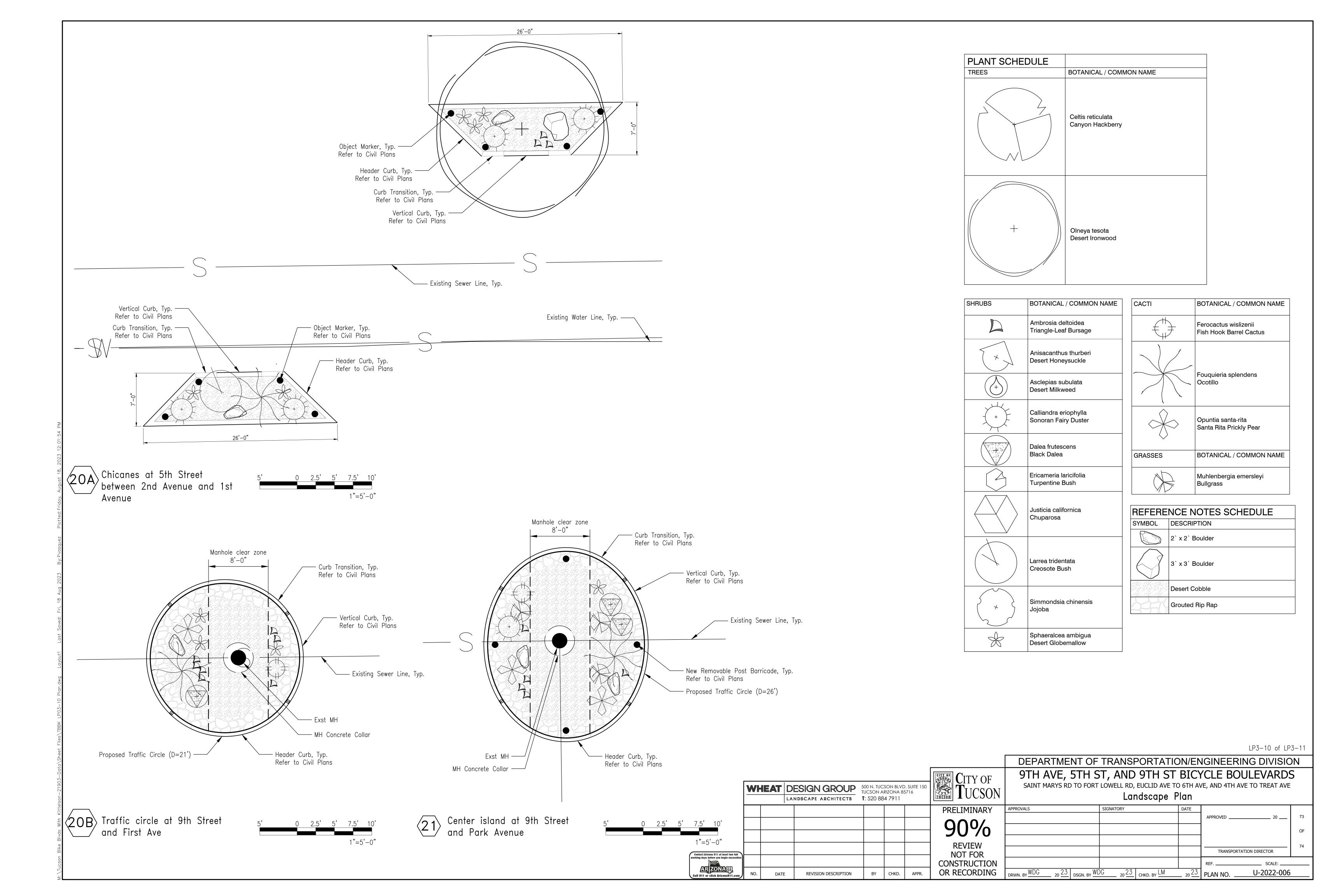


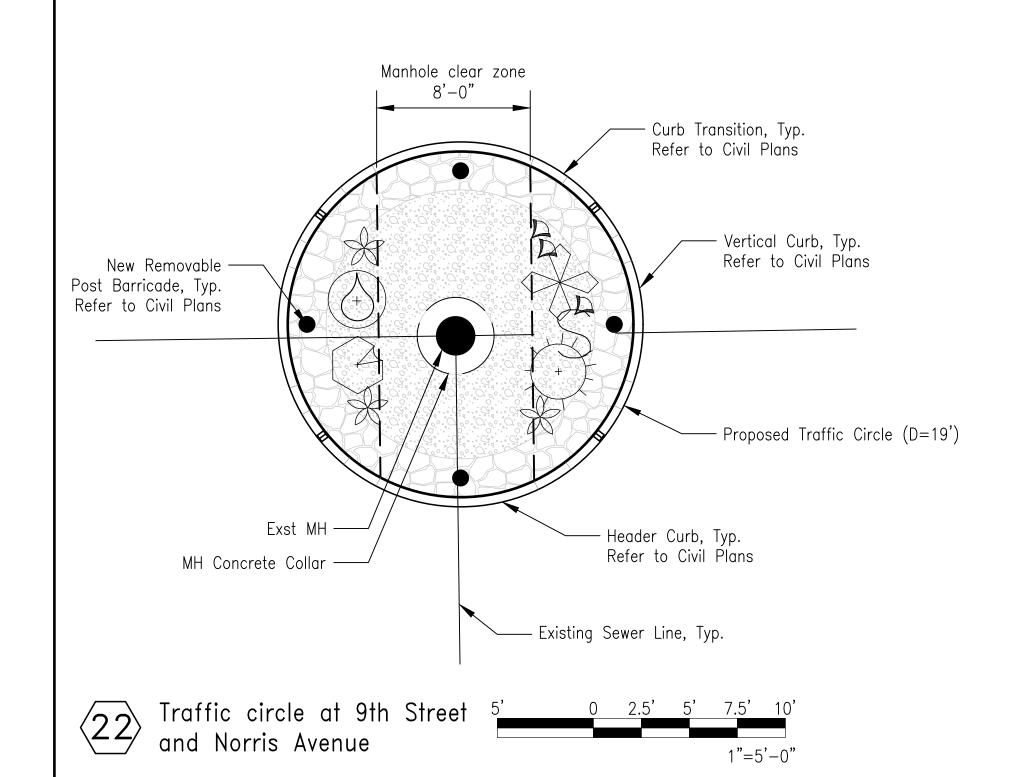


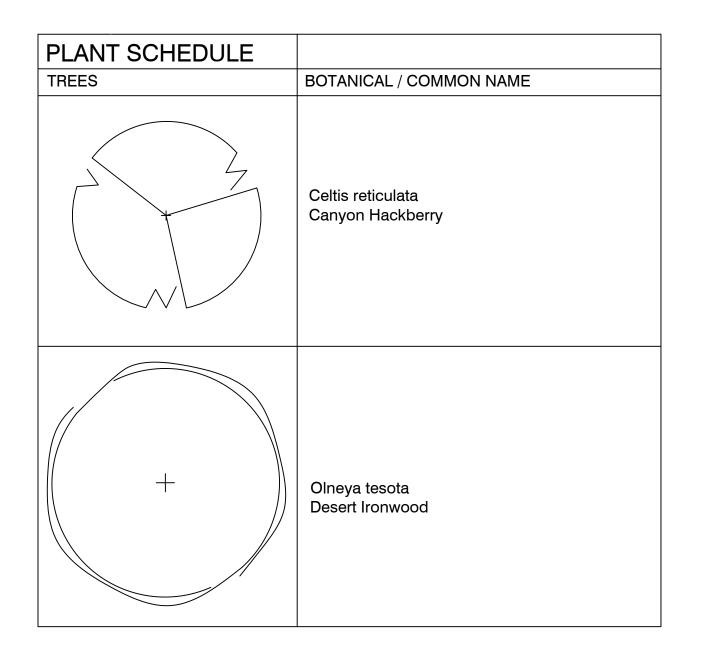
BOTANICAL / COMMON NAME Muhlenbergia emersleyi REFERENCE NOTES SCHEDULE

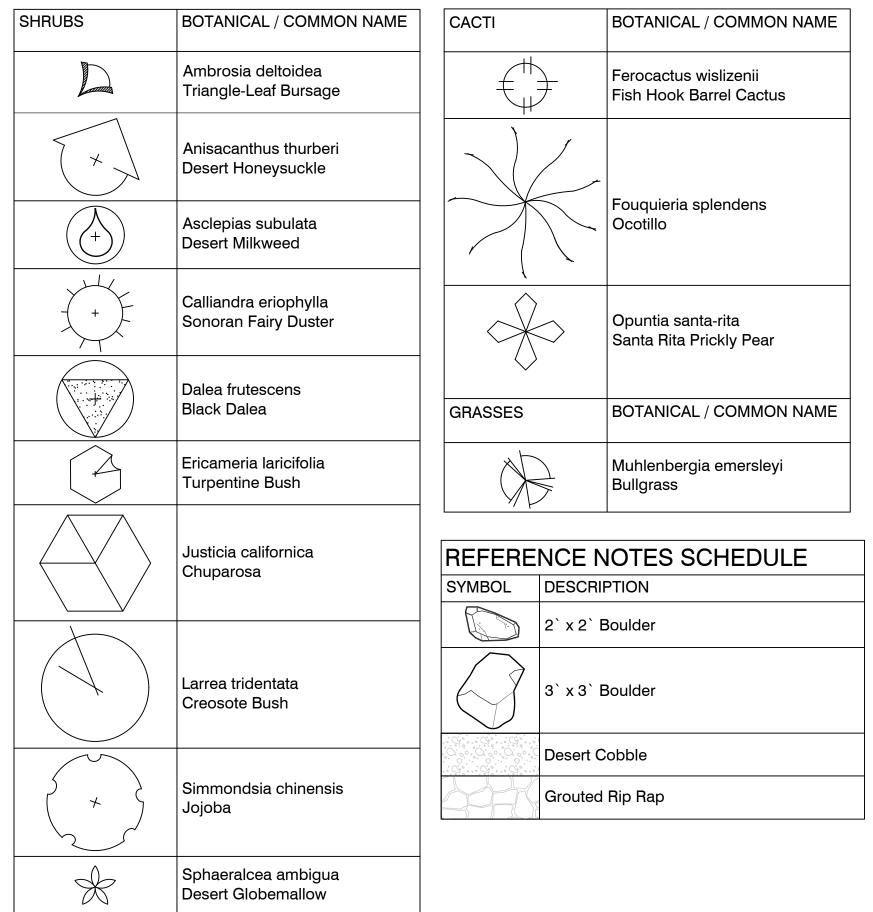
LP3-09 of LP3-11

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	WHEA	_	ESIGN GROUP	500 N. TUC TUCSON A T: 520 88	ARIZONA 85	). SUITE 150 5716	CITY OF TUCSON		•	T, AND 9TH S LOWELL RD, EUCLID AVI Landscape	TO 6TH A			
							PRELIMINARY	APPROVALS		SIGNATORY	DATE			
							000/					APPROVED	20	72
							90%							OF
							REVIEW							74
Contact Arizona 811 at least two full orking days before you begin excavation							NOT FOR					TRANSPORTAT	ION DIRECTOR	
							CONSTRUCTION					REF	SCALE:	
AR ZONASII Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	OR RECORDING	DRWN. BY WDG	20 23   DSGN. BY WD	G 20 23 CHKD. BY LM	20 23	PLAN NO	U-2022-006	<u> </u>
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LP3-11 of LP3-11

								DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION
	WH		DESIGN GROUP LANDSCAPE ARCHITECTS	500 N. TUC TUCSON A <b>T</b> : 520 88	RIZONA 8	). SUITE 150 5716	CITY OF TUCSON	9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE  Landscape Plan
							PRELIMINARY	APPROVALS SIGNATORY DATE
							90%	APPROVED 20 74 OF
Contact Arizona 811 at least two full working days before you begin excavation							REVIEW NOT FOR	TRANSPORTATION DIRECTOR 74
Call 811 or click Arizona811.com	NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	CONSTRUCTION OR RECORDING	DRWN. BY WDG 20 23 DSGN. BY WDG 20 23 CHKD. BY LM 20 23 PLAN NO. U-2022-006