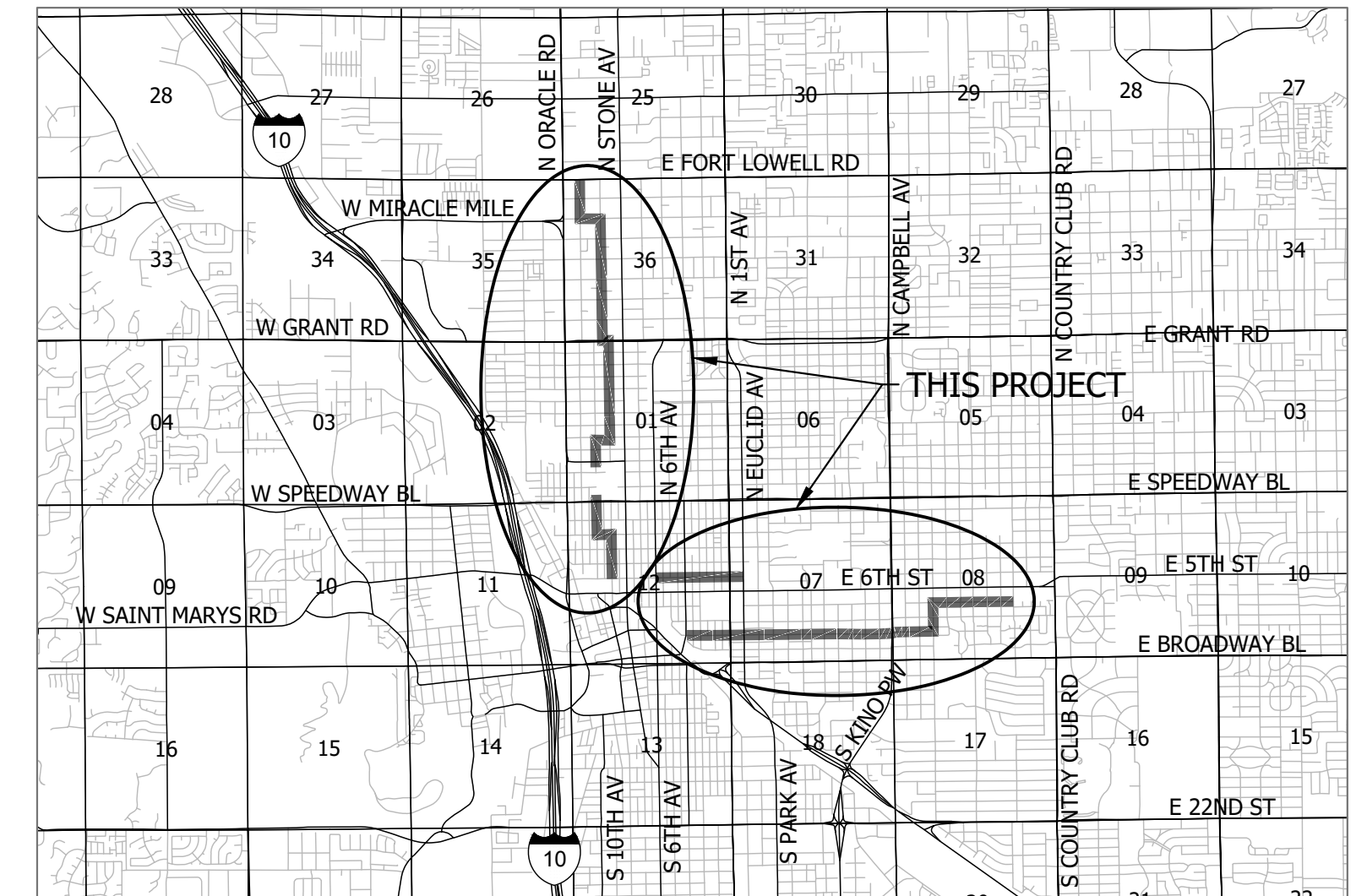
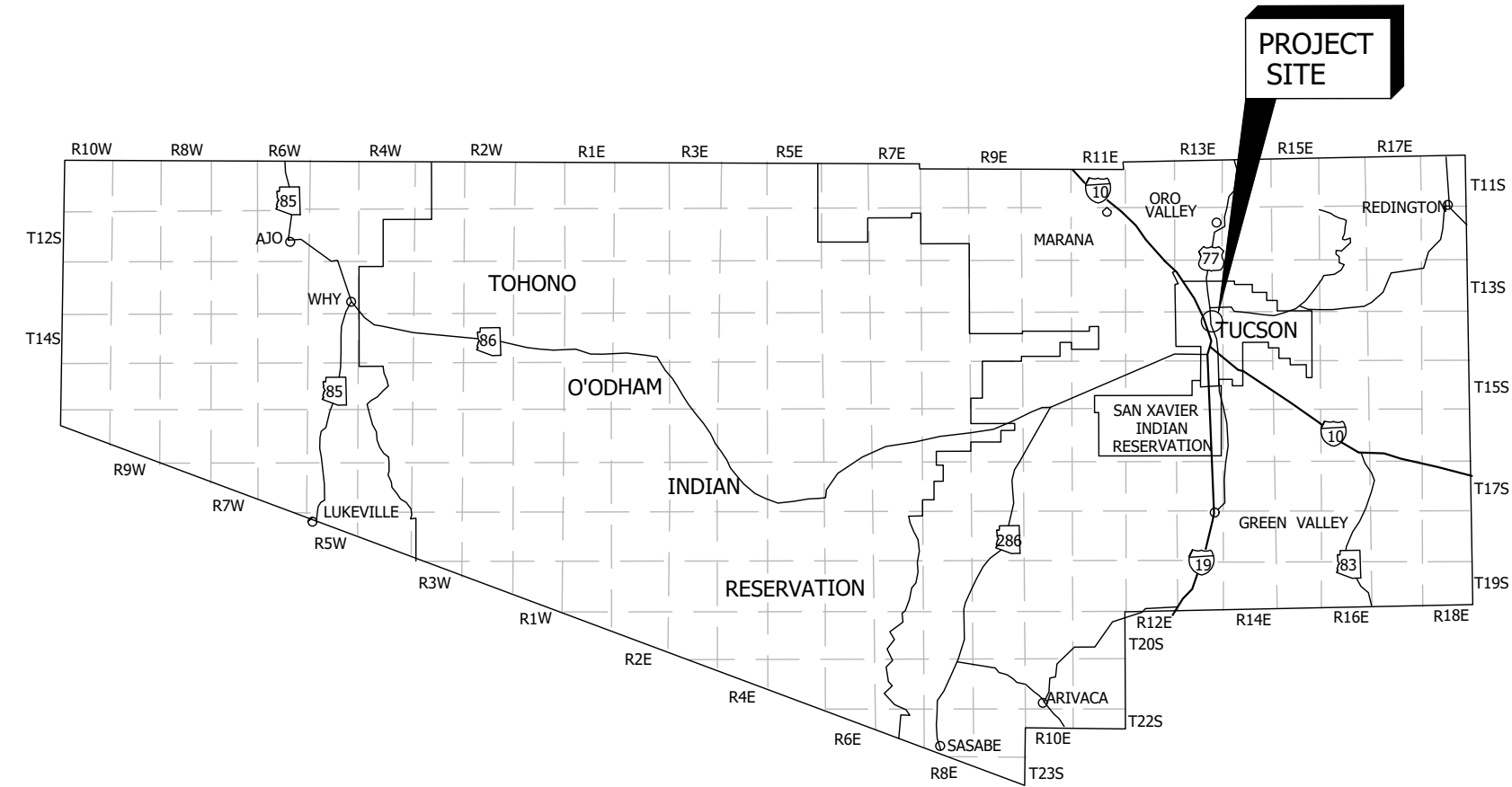


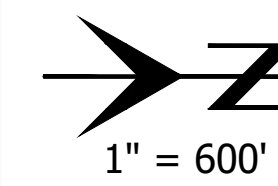
CITY OF TUCSON, ARIZONA 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS

W 6TH ST TO FORT LOWELL RD,
6TH AVE TO EUCLID AVE, AND
4TH AVE TO TREAT AVE
ROADWAY IMPROVEMENTS
C.O.T. JOB NO. XYZ



LOCATION MAP

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



Area reserved for
"Record Document"
block.

Constructed by:

Construction Company

Completion Date

Red-Lines by:

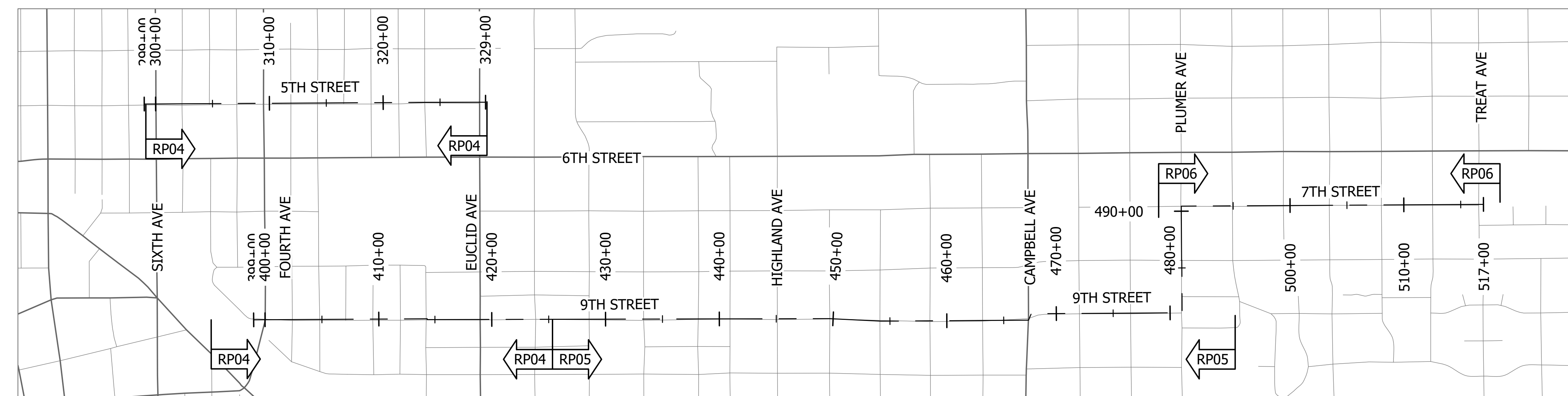
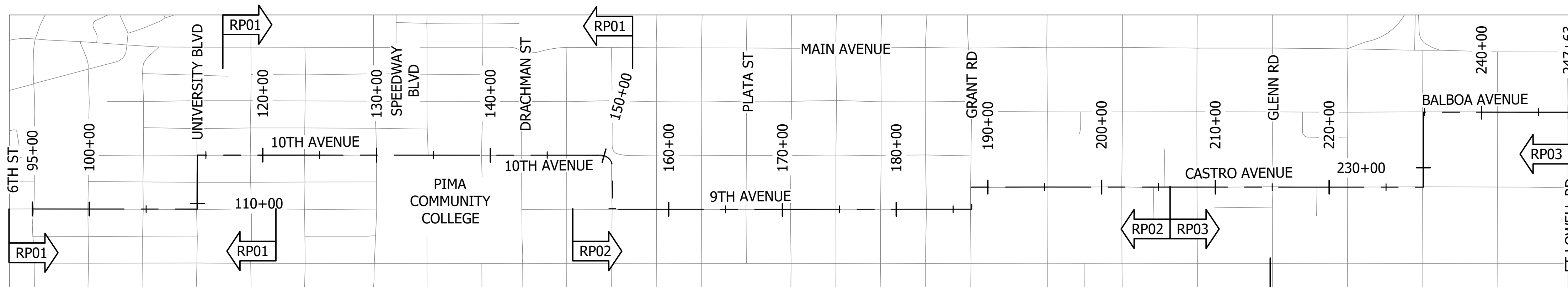
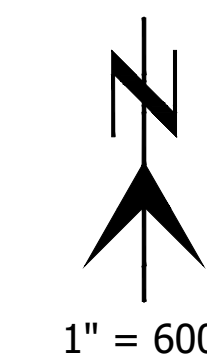
Construction Administrator Name & Company

Completion Date

Record Document by:

As-Built Designer Name & Company

Completion Date

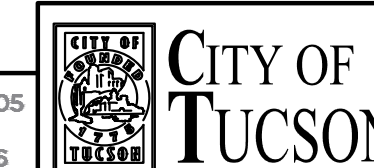


INDEX OF SHEETS

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CV01 OF CV01

PCRWRD UPC-2022-017



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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

COVER SHEET

APPROVALS	SIGNATORY	DATE	APPROVED	1 OF 76
			____ 20__	
TRANSPORTATION DIRECTOR				
REF. _____ SCALE: _____				
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>U-2022-006</u>				

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GENERAL NOTES

- 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).
- Right-of-way encroachments shall be removed by the contractor as directed by the Engineer.
- 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.
- The contractor shall comply with all applicable occupational safety and health administration regulations, in particular, shoring of trenches.
- The contractor shall obtain all permits required by governmental agencies.
- 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.
- The contractor is responsible for complying with all regulations and requests by the Engineer regarding dust pollution.
- 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.
- 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.
- Access shall be maintained to all businesses, residences, and side streets at all times except when approved by the Engineer.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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
(6th St 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

LEGEND

- New Pavement
- New Concrete
- New Riprap
- Remove Pavement
- Nail (As Noted)
- Survey Monument
- Pima County Geodetic Control Point
- Water Valve
- Water Meter
- Fire Hydrant
- Gas Meter
- Utility Pole
- Utility Pole w/riser
- Guy Wire
- Electric Transformer
- Street Light
- Pull Box
- Communications Pedestal
- Telephone Pedestal
- Gate or Post Barricade
- Sign
- Sewer Manhole
- Mail Box
- Sewer Clean-out
- Gas Valve
- Communications Manhole
- Traffic Signal
- Electric Box
- Monument Line
- Right of Way
- Property Line
- Fence Line
- Overhead Utilities
- Existing Storm Drain Pipe
- Gas Line
- Fiber Optic
- 6" Sewer
- 6" Water

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NT01 OF NT02

2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616		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 GENERAL NOTES SHEETS					
PRELIMINARY 100% REVIEW NOT FOR CONSTRUCTION OR RECORDING		APPROVALS _____ _____ _____	SIGNATORY _____ _____ _____	DATE _____ _____ _____	APPROVED _____ 20__ _____ TRANSPORTATION DIRECTOR	2 OF 76	
NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	REF. _____ SCALE: _____	PLAN NO. U-2022-006
						DRWN. BY BDH 20 23	DSGN. BY BDH 20 23
						CHKD. BY FLG 20 23	

RWRD SANITARY SEWER GENERAL NOTES

- ALL DESIGN STANDARDS, MATERIALS AND WORKMANSHIP FOR PUBLIC SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT(PCRWWD) ENGINEERING DESIGN STANDARDS 2022 (EDS 2022) AND THE STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION 2022 (SSDC 2022). SAID DOCUMENTS ARE AVAILABLE THROUGH THE PCRWWD WEBSITE (www.pima.gov/wastewaterreclamation).
- 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.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SANITARY SEWER MANHOLES AT ALL TIMES.
- 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 PCRWWD SSDC 2016 DETAIL NO. RWRD 400 AND AT NO EXPENSE TO THE PROPERTY OWNER OR PCRWWD. HCS AND BCS LINES ARE NOT OWNED OR MAINTAINED BY PCRWWD. PRIVATE CONNECTION SEWERS CONSTRUCTED PRIOR TO JANUARY 2006 ARE NOT REQUIRED TO BE LOCATED AND MARKED.
- IMMEDIATELY REPORT ANY OF THE FOLLOWING TO THE PCRWWD 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 PCRWWD 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 PCRWWD FOR SEWAGE ENTERING A NATURAL DRAINAGE WAY OR STORM WATER DRAINAGE SYSTEM. THE CONTRACTOR SHALL REPAIR ALL DAMAGE AS DIRECTED AND APPROVED BY THE PCRWWD FIELD REPRESENTATIVE.
- MODIFICATION TO OR ADJUSTMENT OF EXISTING PIMA COUNTY SEWER FACILITIES SHALL NOT COMMENCE UNTIL: (A) THE CONTRACTOR HAS OBTAINED A PCRWWD PUBLIC SEWER CONSTRUCTION PERMIT (CONTACT THE PCRWWD 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 PCRWWD 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.
- THE CONTRACTOR SHALL ADJUST OR RECONSTRUCT ALL SANITARY SEWER MANHOLES TO FINISHED GRADE. ALL FRAMES AND COVER ADJUSTMENTS SHALL BE IN ACCORDANCE WITH PCRWWD 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 PCRWWD 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 PCRWWD 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 PCRWWD 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.
- THE CONTRACTOR SHALL SUBMIT A FLOW MANAGEMENT PLAN (FMP) TO PCRWWD 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 PCRWWD SSDC 2016, SECTION 2 FOR FMP REQUIREMENTS. PLEASE CONTACT PCRWWD FIELD ENGINEERING AT (520) 724-2651 FOR ANY QUESTIONS REGARDING FLOW MANAGEMENT.
- STORM WATER AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY INSTALLED TO PROTECT PCRWWD MANHOLES AT THE BEGINNING OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTANTLY MAINTAIN STORM WATER AND SEDIMENT CONTROL MEASURES THAT PROTECT PCRWWD 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 PCRWWD 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)



- PRIOR TO THE PRECONSTRUCTION MEETING WITH PCRWWD, 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 PCRWWD 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.
- 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 PCRWWD 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 PCRWWD TAKING CORRECTIVE ACTION THAT WILL THEN BE BILLED TO THE CONTRACTOR.
- 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 PCRWWD. IF SUCH CONDITIONS ARE IDENTIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY FIELD ENGINEERING AT (520) 724-2651 FOR FURTHER DIRECTION.

TUCSON WATER GENERAL NOTES

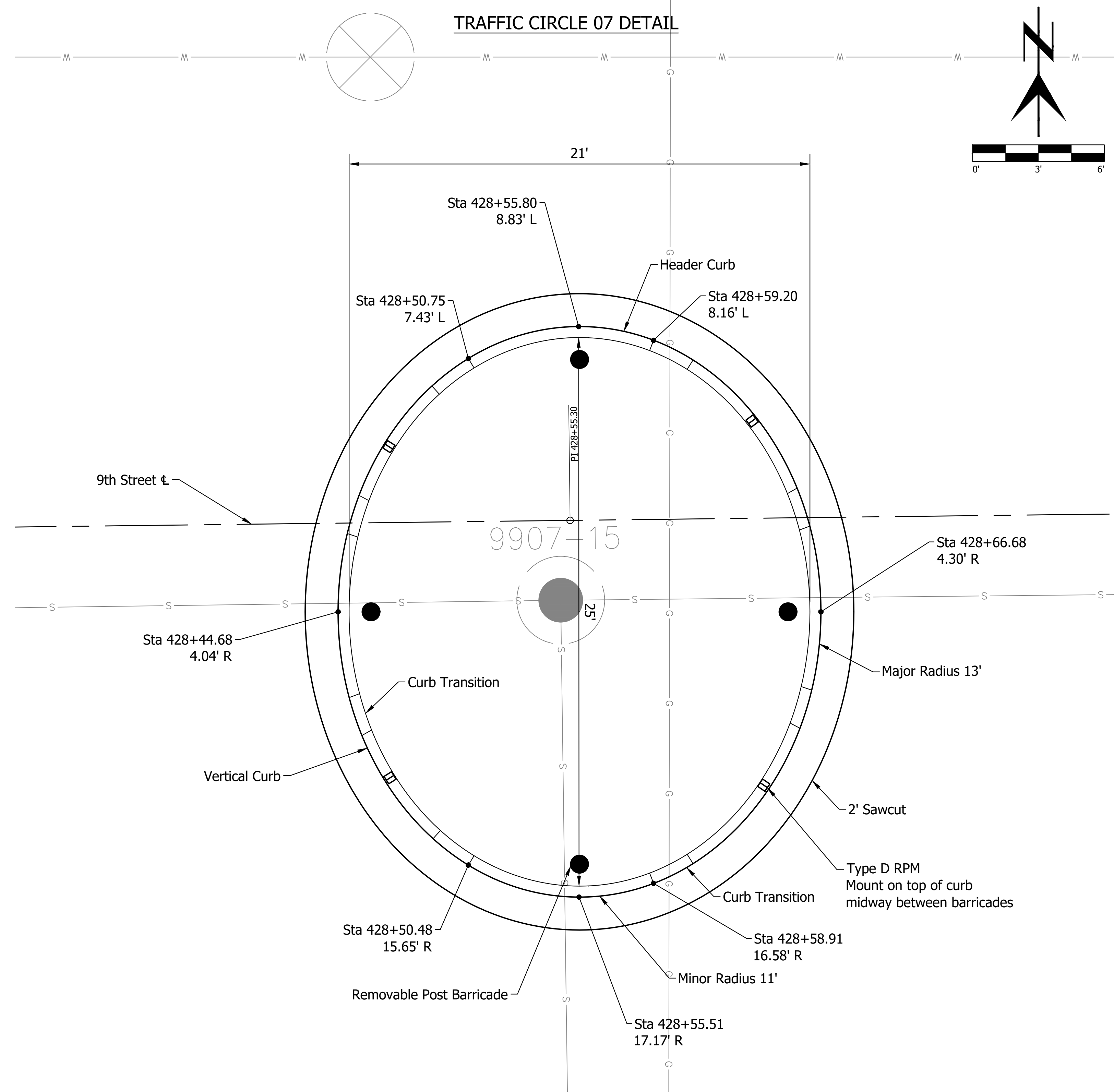
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, PRESERVING AND PROTECTING ALL WATER FACILITIES DURING THE COURSE OF PERFORMING THE WORK ASSOCIATED WITH THIS PROJECT. THE LOCATION OF TUCSON WATER FACILITIES SHOWN ON THE PLANS ARE REPRESENTATIVE ONLY AND MAY NOT REFLECT THE ACTUAL LOCATION OF FACILITIES. TUCSON WATER RECOMMENDS POTHOLING TO CONFIRM EXACT LOCATION OF FACILITIES.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

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NT02 OF NT02

 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616		 CITY OF TUCSON		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	
		GENERAL NOTES SHEETS			
PRELIMINARY 100% REVIEW NOT FOR CONSTRUCTION OR RECORDING		APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__
					3 OF 76
DRWN. BY <u>AAA</u> 20 <u>23</u> DSGN. BY <u>BBB</u> 20 <u>23</u> CHKD. BY <u>CCC</u> 20 <u>23</u>		REF. _____ SCALE: _____ PLAN NO. <u>U-2022-006</u>			

TRAFFIC CIRCLE 07 DETAIL



Notes

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.
4. 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.

DETAIL A1

Traffic Circle
9th Street & Park Ave
Sheet 2 of 3

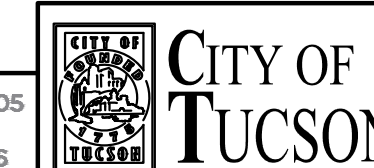
DT02 OF DT08

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

CIVIL DETAIL SHEETS

KITTELSON & ASSOCIATES
2 E CONGRESS STREET, SUITE 705
TUCSON, AZ 85701
P 520.544.4067 F 520.544.9616



NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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NOT FOR
CONSTRUCTION
OR RECORDING

APPROVALS	SIGNATORY	DATE	APPROVED	DATE

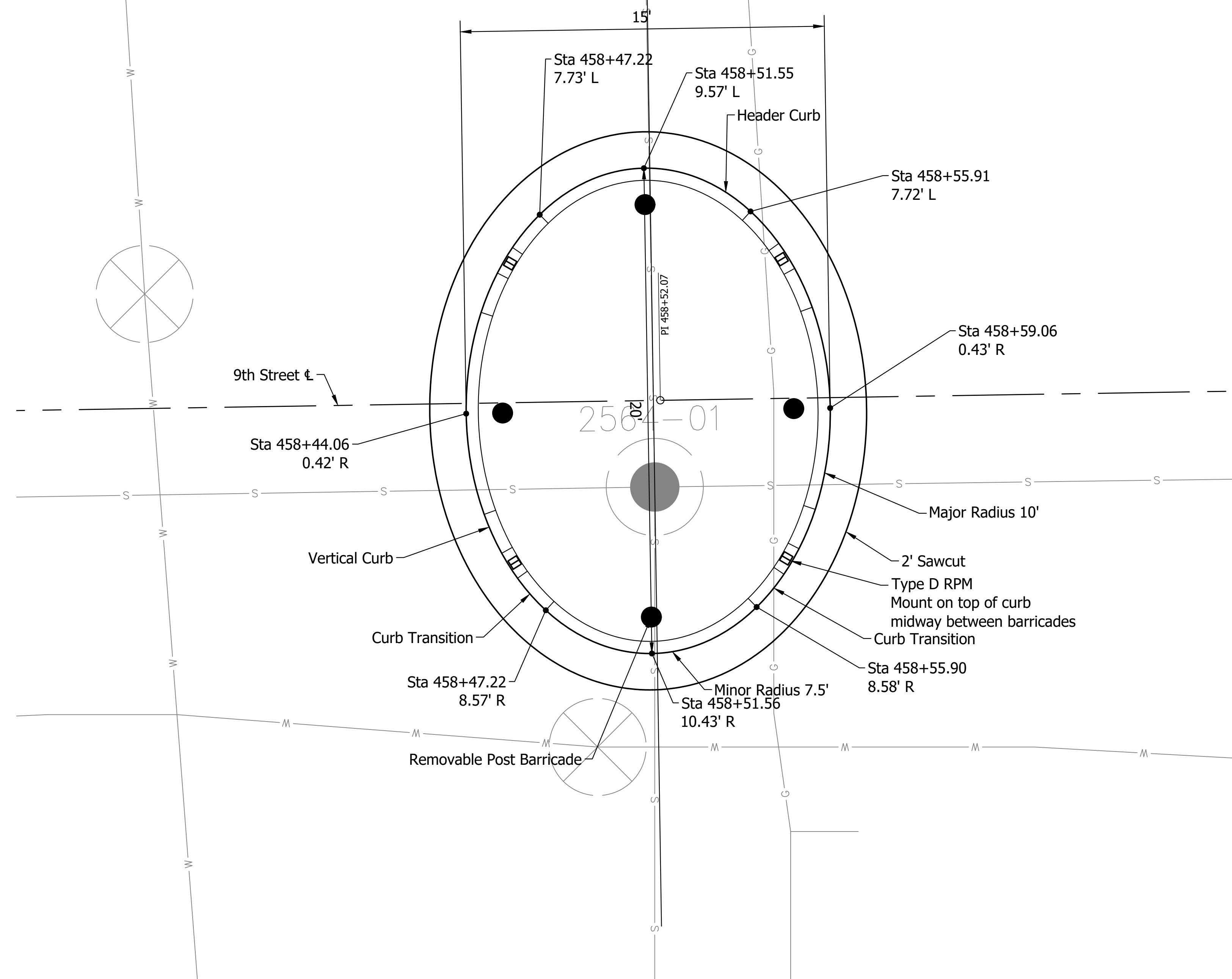
TRANSPORTATION DIRECTOR

REF. _____ SCALE: 1"=3'

PLAN NO. U-2022-006

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TRAFFIC CIRCLE 08 DETAIL



Notes

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.
4. 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.

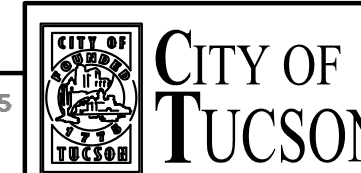
DETAIL A2

Traffic Circle
9th Street & Warren Ave
Sheet 3 of 3

DT03 OF DT08

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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

CIVIL DETAIL SHEETS

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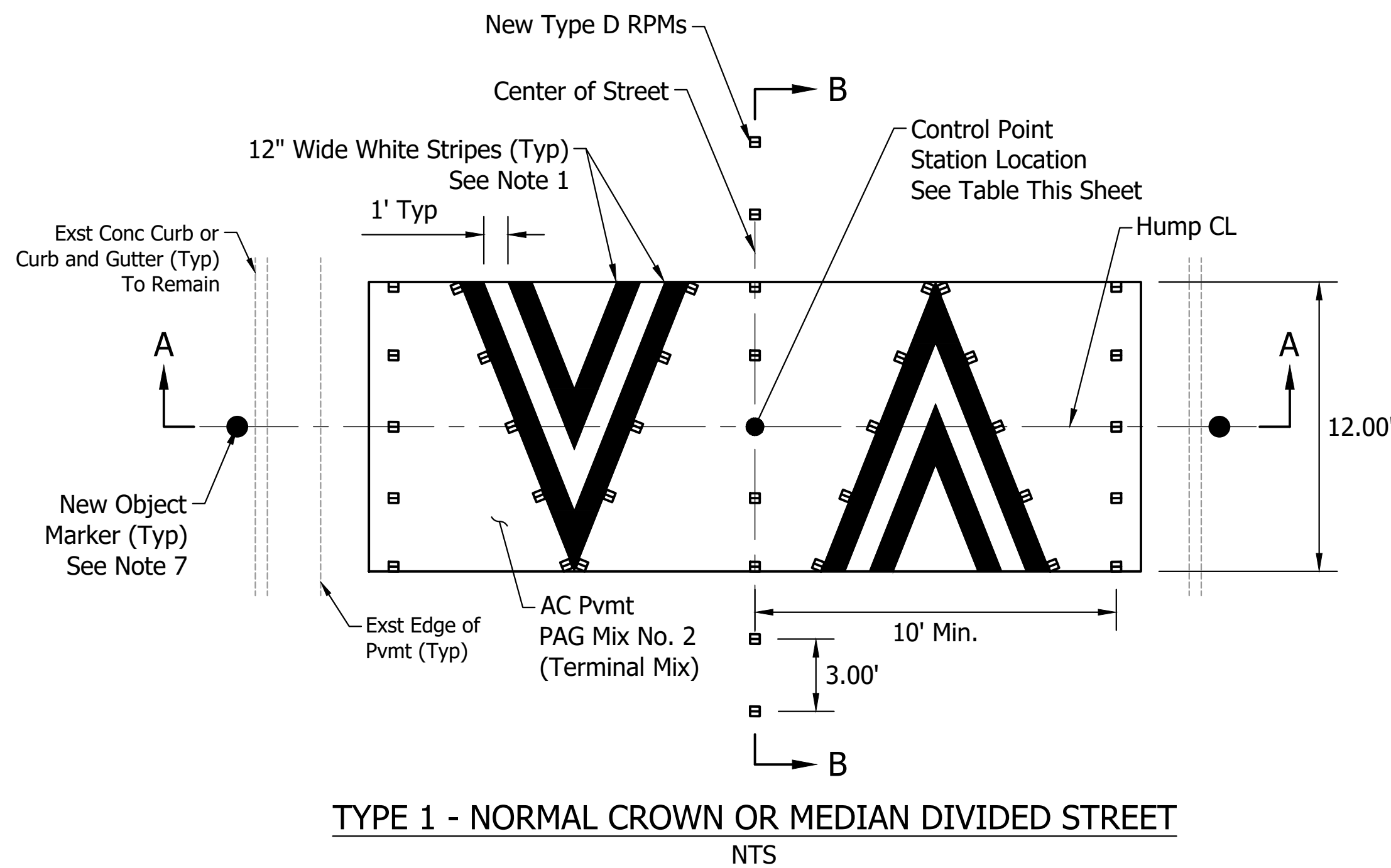
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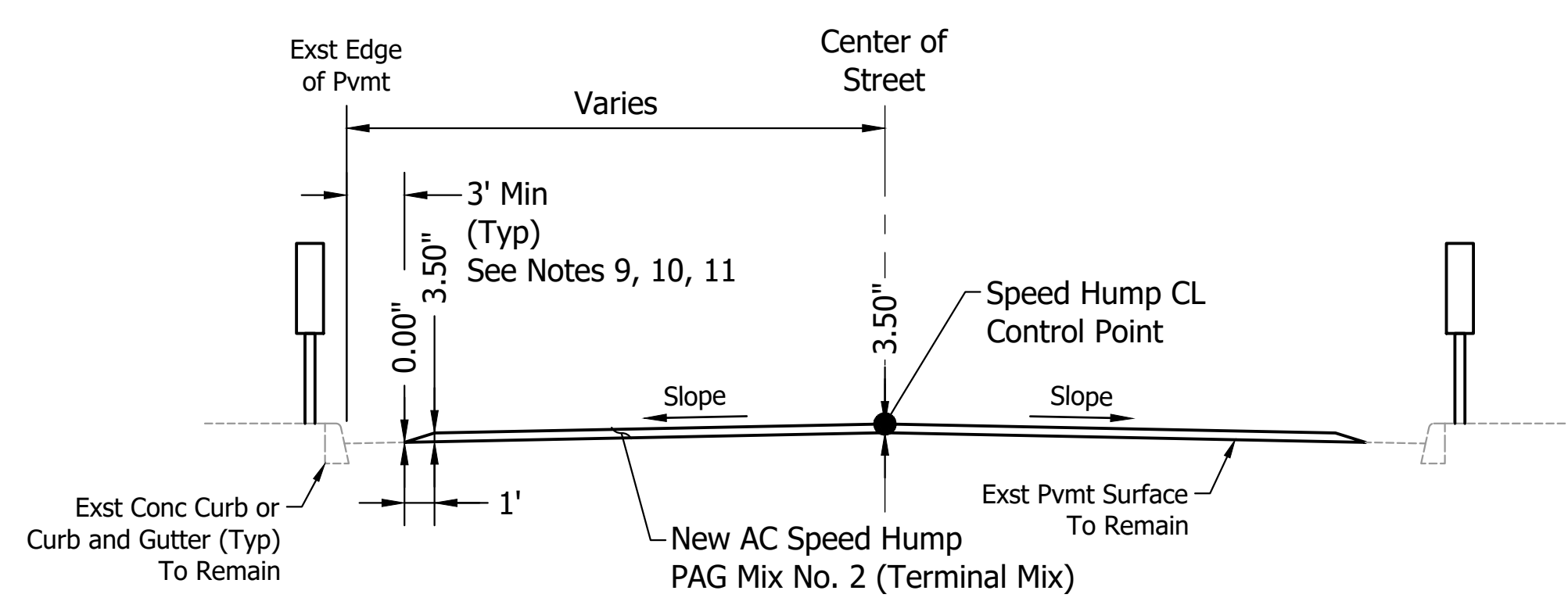
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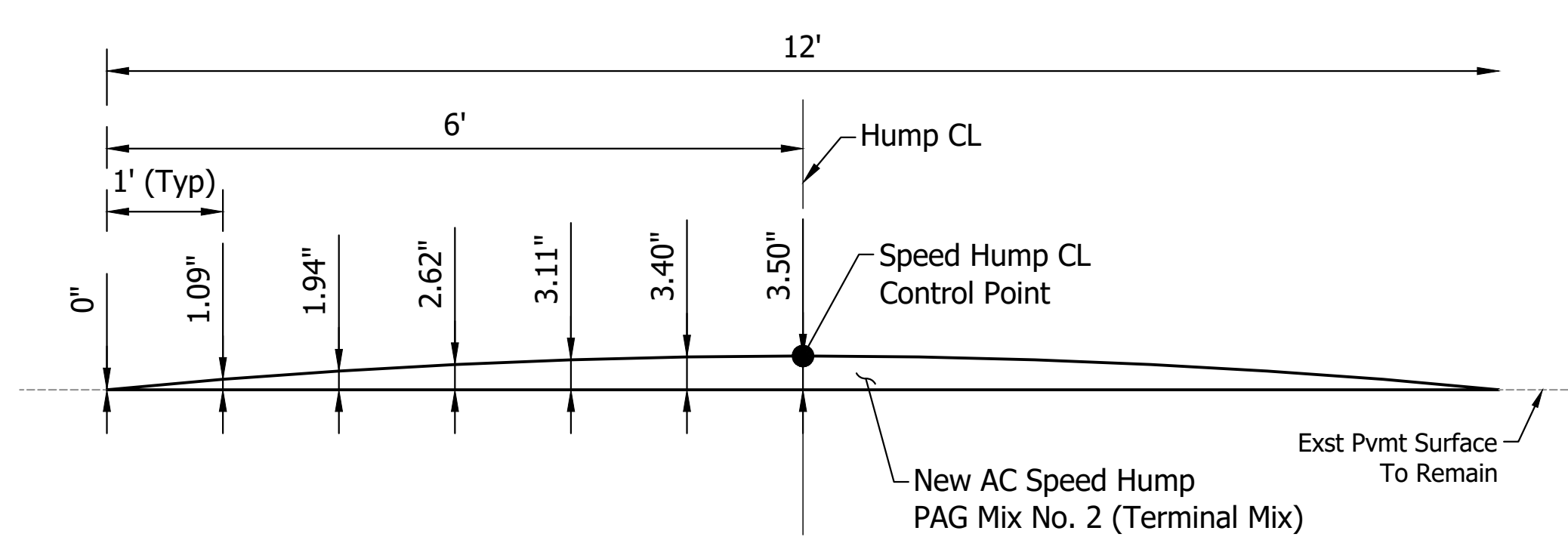
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TYPE 1 - NORMAL CROWN OR MEDIAN DIVIDED STREET
NTS



SECTION A-A
NTS



SECTION B-B
NTS

SPEED HUMPS						
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	Cherry Ave	456+23	5' Rt	446499.8	999731.6
13	9th Street	Warren Ave	460+58	4' Rt	446506.8	1000167.1
14	9th Street	Campbell Ave	469+45	4' Rt	446577.2	1001015.9

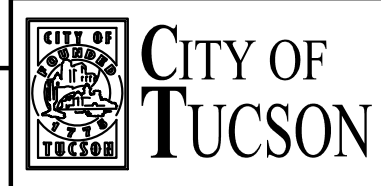
Notes

- 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.
- The types of speed humps shown in the table below and on the plan sheets may be modified per the direction of the Engineer depending on existing conditions. There will be no pay adjustment for the modification of type installed.
- PAG Mix No. 2 (Terminal Mix) shall be used for asphaltic concrete speed hump(s).
- Speed hump heights are provided as a maximum.
- Center speed hump(s) within the roadway.
- 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.
- New Object Markers will be paid for under Item 7030010, Object Marker (OM2-2V) (All Direction).
- Speed hump locations should be verified in the field to avoid conflicts with utilities and other roadway features.
- 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.
- Speed Humps 12 and 13 shall have a minimum 14' gap between the edge of speed hump and the face of curb.
- 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.

DETAIL B
Speed Hump
Sheet 1 of 1

DT04 OF DT08

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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

CIVIL DETAIL SHEETS

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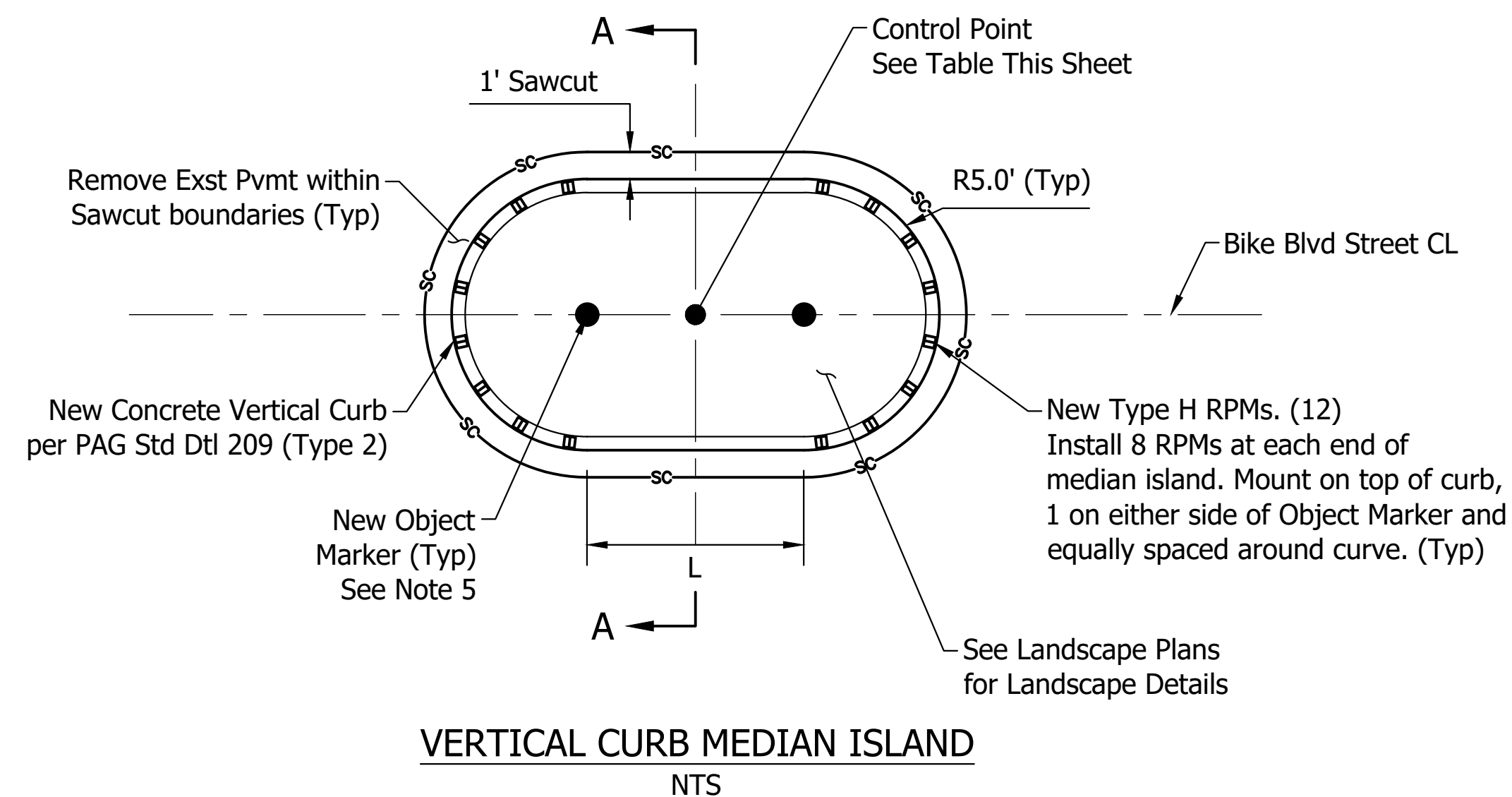
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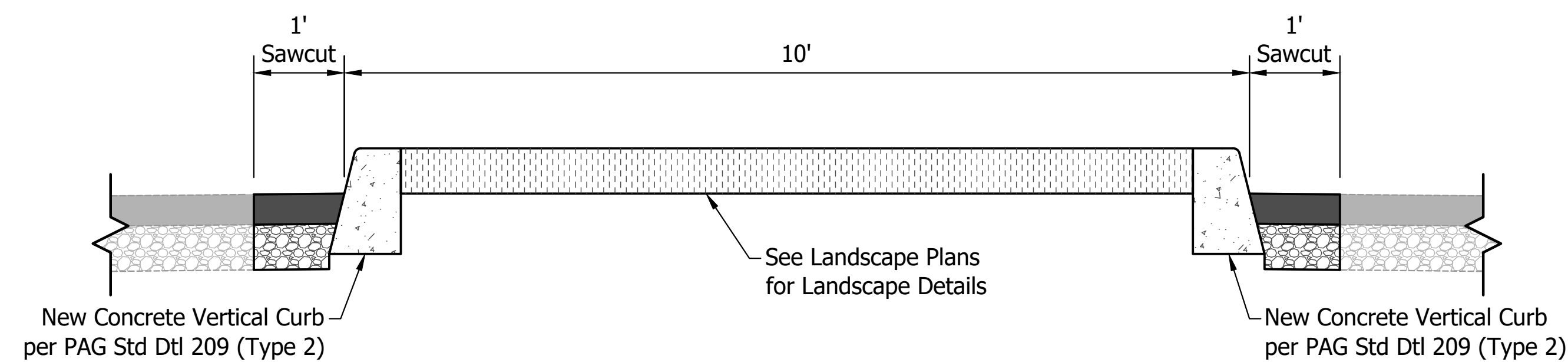
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VERTICAL CURB MEDIAN ISLAND
NTS



SECTION A-A
NTS

CENTER ISLANDS										
CI #	Bike Blvd Street	Near Cross Street	Station	Offset (FT)	Northing	Easting	Type	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

Notes

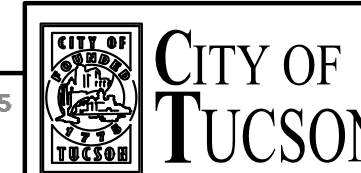
- Existing water valve boxes, if present, shall be adjusted to final grade per Tucson Water SD-300. Valve box adjustments will be paid under Item 5103101, Potable Water, Adjust Valve Box and Cover.
- The contractor shall protect in place the existing survey monument(s) if present. If monument present, 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.
- 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.
- New AC Pvmt will be paid for under Item 406008, Asphaltic Concrete (Miscellaneous Paving).
- New object Markers will be paid for under item 7030018, Object Marker (OM2-2V) (All Direction).
- Center Island locations should be verified in the field to avoid conflicts with utilities and other roadway features.
- 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.

DETAIL D

Center Island
Sheet 1 of 1

DT06 OF DT08

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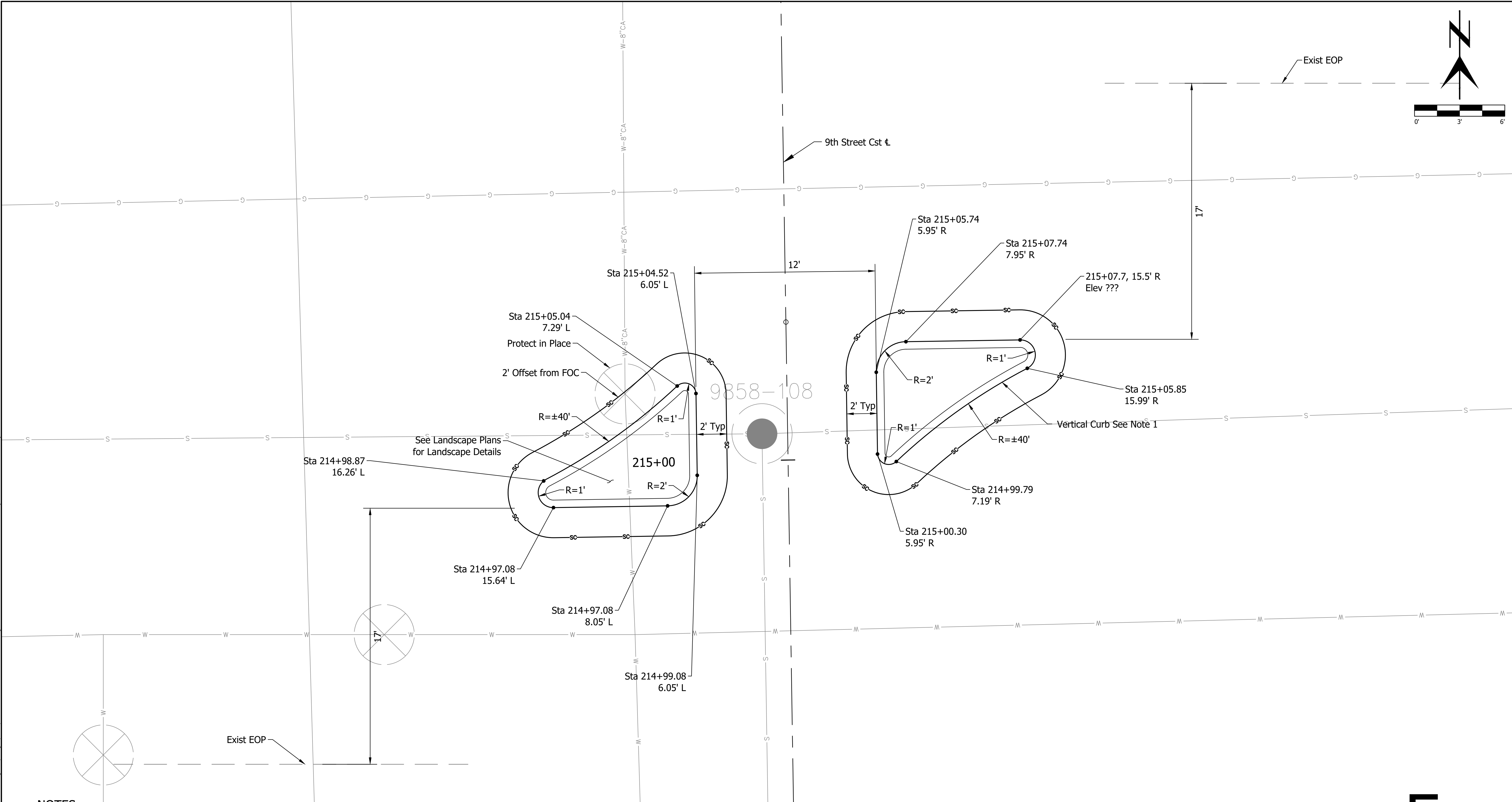
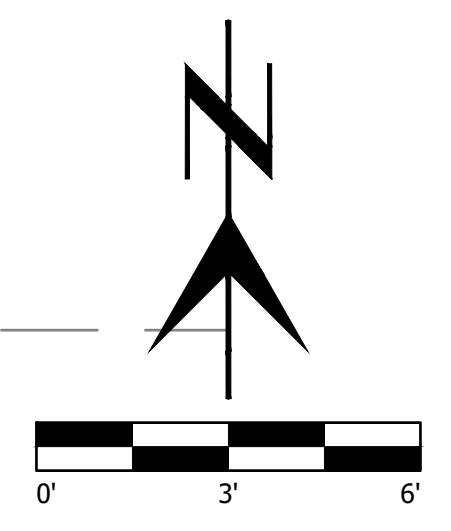
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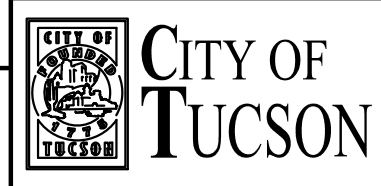
1. See PAG Std Dtl 209 Type 2. Vertical curb shall be paid for under item 9080007.
2. Station and offset values are approximate and based on centerline survey. The contractor shall adjust layouts to conform with field conditions and the details provided in this plan set. The contractor shall get city approval for all work prior to installation.

DETAIL E

Splitter Island
 9th Avenue & Glenn St
 Sheet 1 of 1

DT07 OF DT08

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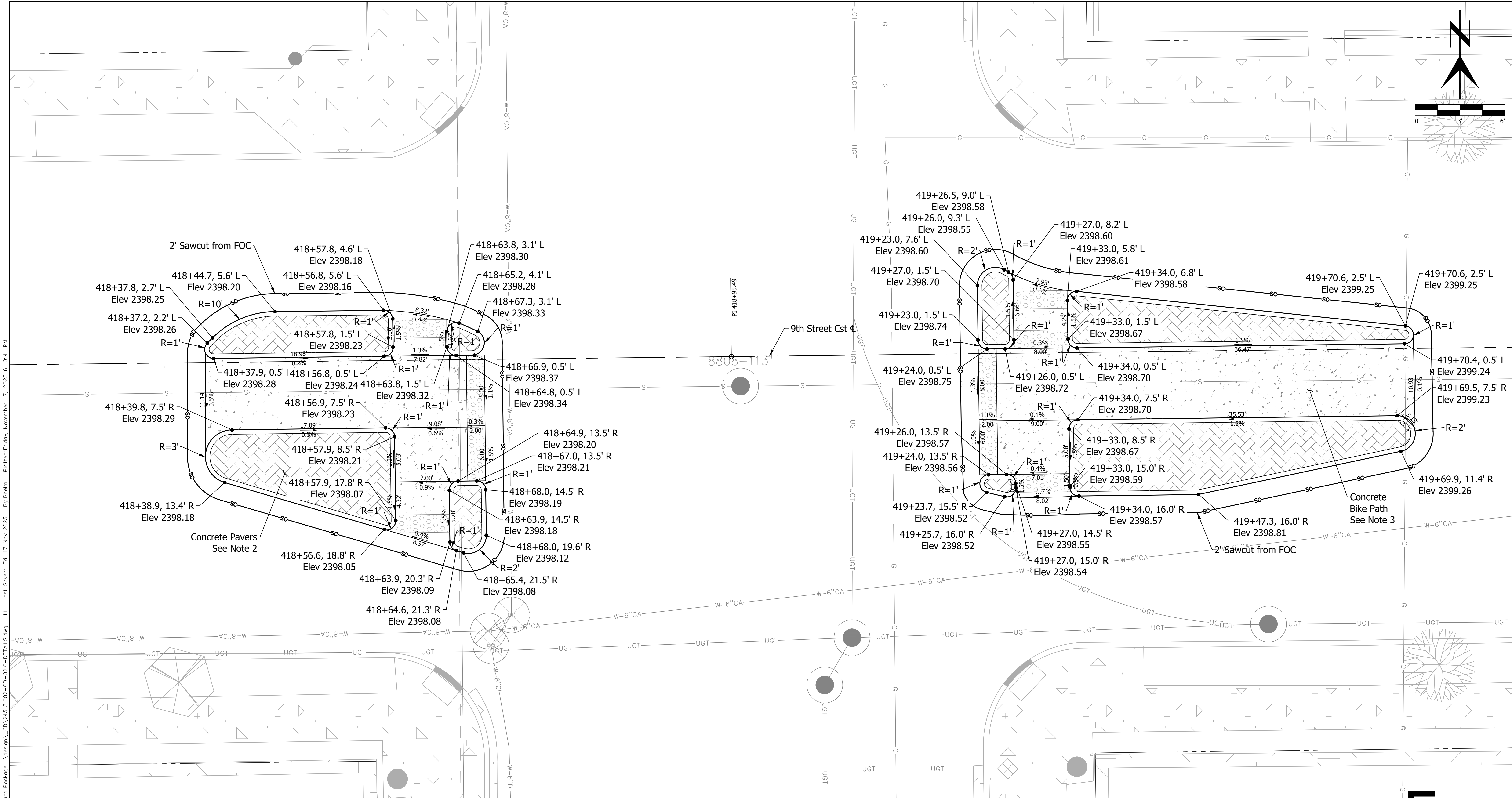
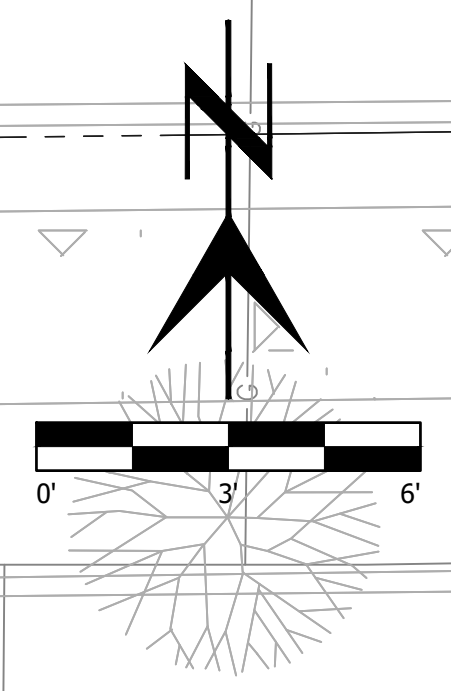
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- NOTES**
1. See PAG Std Dtl 207, Sheet 10 of 10, for information regarding detectable warning strips.
 2. Place concrete pavers in herring bone pattern. All traffic signal equipment shall be installed prior to placement of pavers. Pavers will be paid for under item 9320050.
 3. Concrete bike path slab shall be 6" Class B concrete. Concrete bike path slab will be paid for under item 9080150.

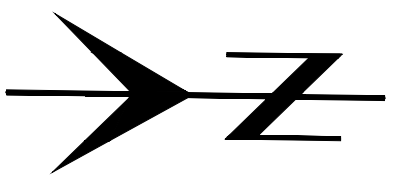
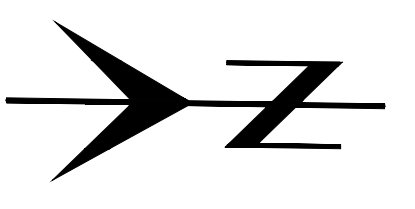
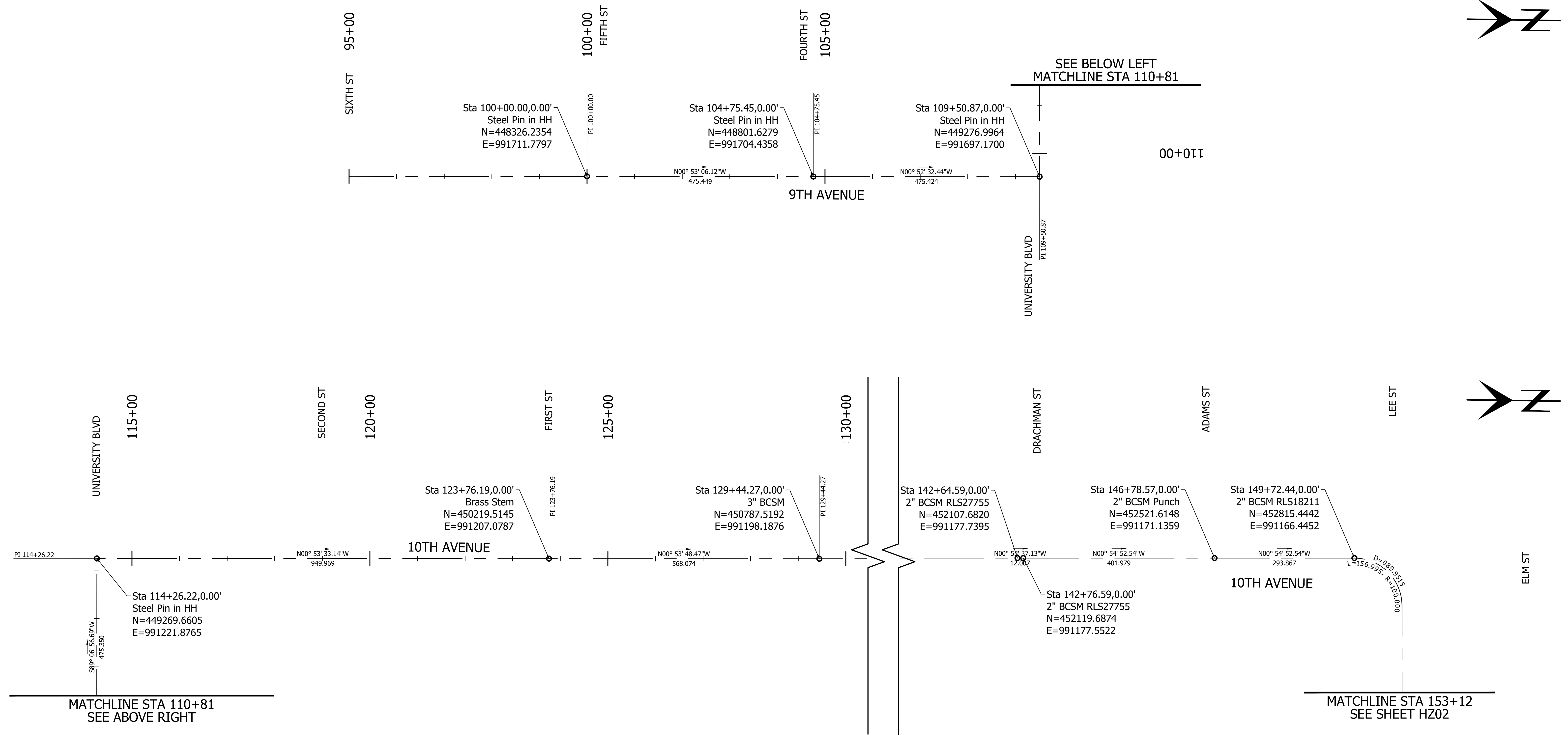
DETAIL F

TOUCAN
9TH STREET & EUCLID AVE
Sheet 1 of 1 DT08 of DT08

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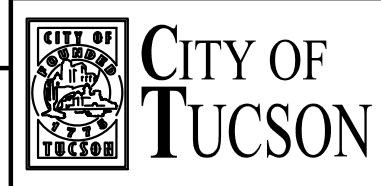
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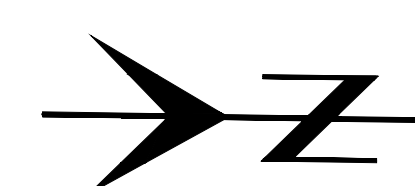
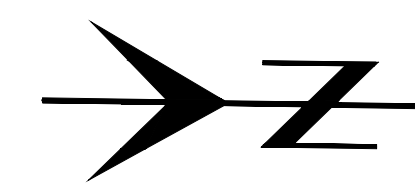
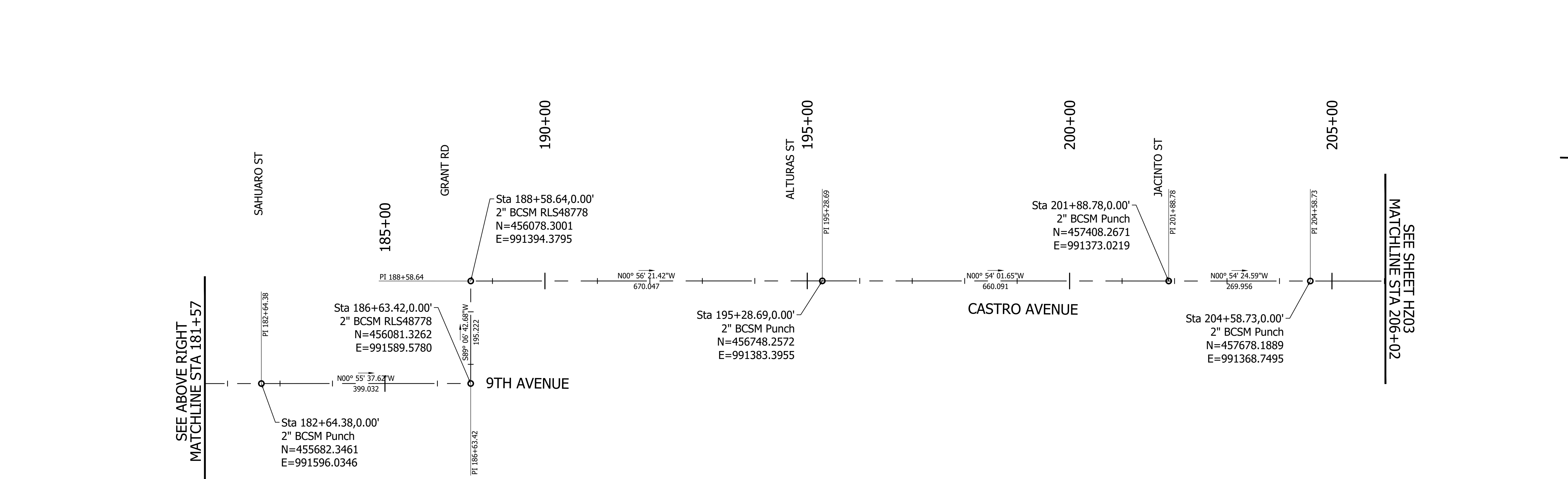
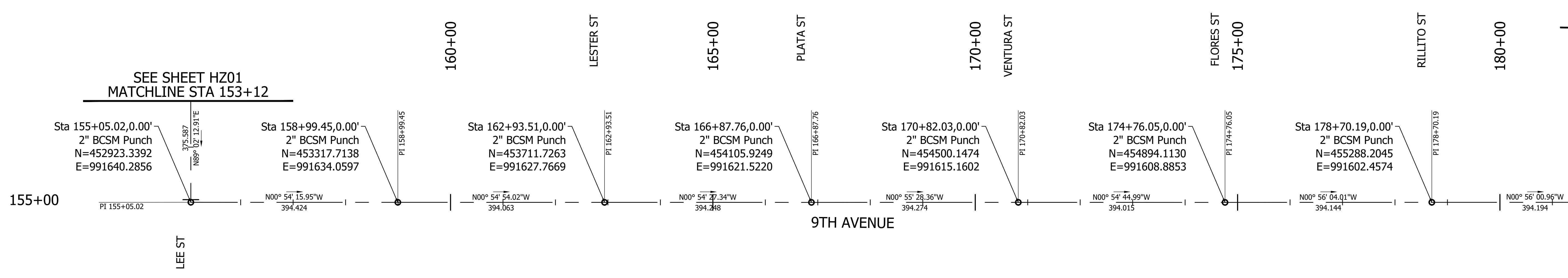
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SEE SHEET HZ01
MATCHLINE STA 153+12

SEE BELOW LEFT
MATCHLINE STA 181+57

SEE ABOVE RIGHT
MATCHLINE STA 181+57

SEE SHEET HZ03
MATCHLINE STA 206+02

HZ02 OF HZ06

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SEE SHEET HZ02
MATCHLINE STA 206+02

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E=991362.6374

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KELSO ST

210+00

N00° 54' 10.36"W
660.162

Sta 215+09.17,0.00'
2" BCSM RLS23956
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E=991352.2349

GLENN ST
215+00

N00° 53' 42.45"W
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Sta 221+69.23,0.00'
2" BCSM Punch
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E=991341.9233

220+00

LAGUNA ST

N00° 53' 48.73"W
660.176

225+00

SEE BELOW LEFT
MATCHLINE STA 231+63

S89° 04' 35.53"W
660.168

BLACKLIDGE DR

00+00Z

Sta 228+29.40,0.00'
2" BCSM Punch
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CASTRO AVENUE

BLACKLIDGE DR
235+00

240+00

DELANO ST

245+00

FORT LOWELL RD
247+63

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PI 234+89.57

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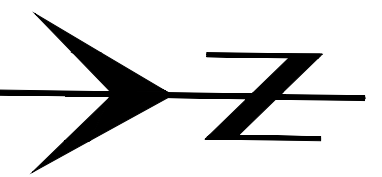
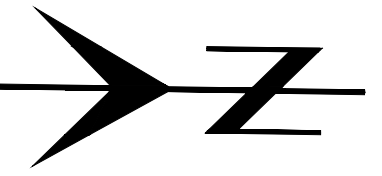
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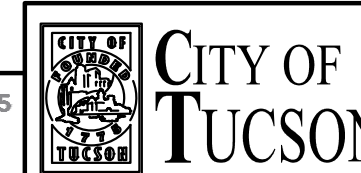
BALBOA AVENUE

MATCHLINE STA 231+63
SEE ABOVE RIGHT



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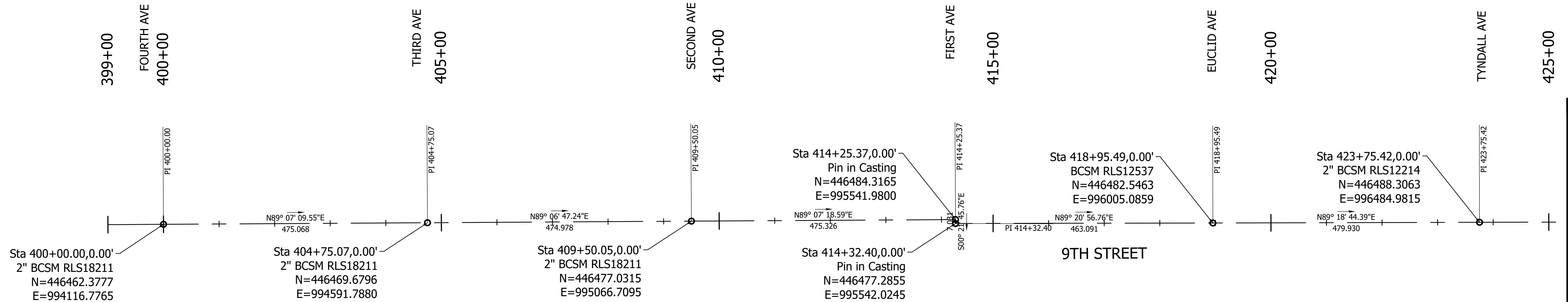
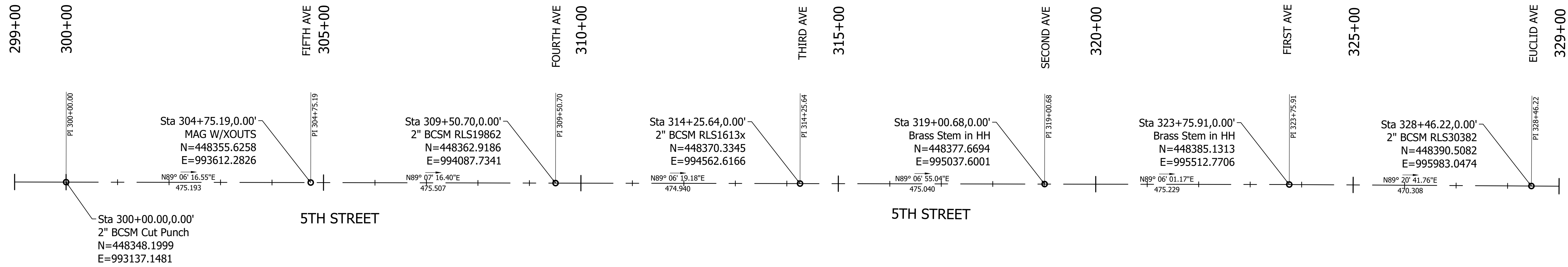
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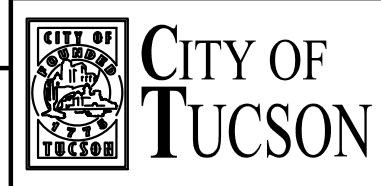
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MATCHLINE STA 425+33
 SEE SHEET HZ05

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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
HORIZONTAL CONTROL SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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APPROVALS	SIGNATORY	DATE	APPROVED	NO.
				15
				OF
				76
TRANSPORTATION DIRECTOR				
REF. _____ SCALE: 1"=100'				
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>U-2022-006</u>				



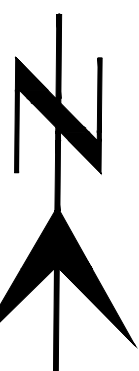
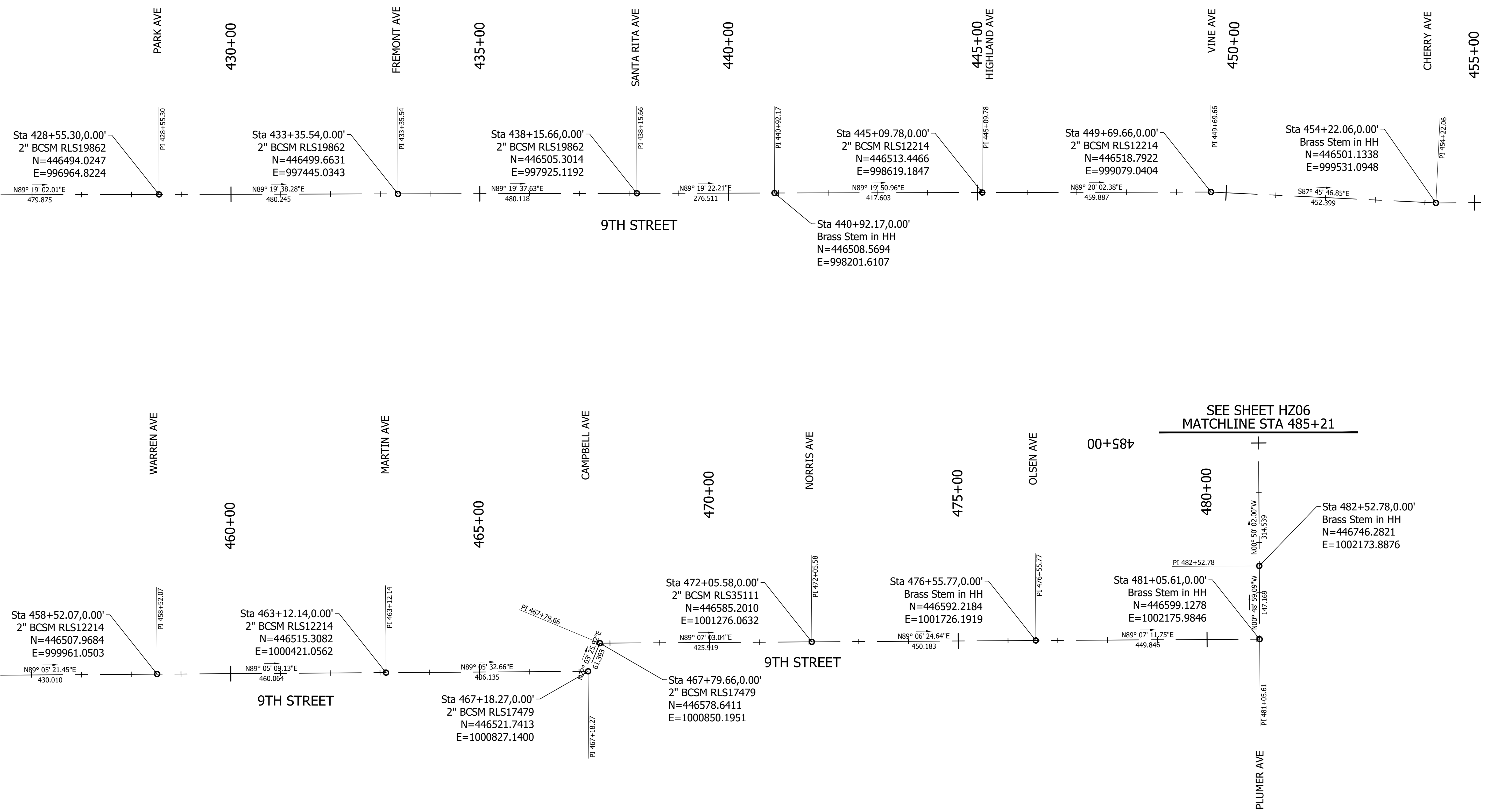
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SEE SHEET HZ04
MATCHLINE STA 425+33

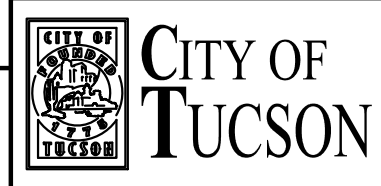
MATCHLINE STA 455+34
SEE ABOVE RIGHT

SEE BELOW LEFT
MATCHLINE STA 455+34

SEE SHEET HZ06
MATCHLINE STA 485+21



HZ05 OF HZ06



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
HORIZONTAL CONTROL SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

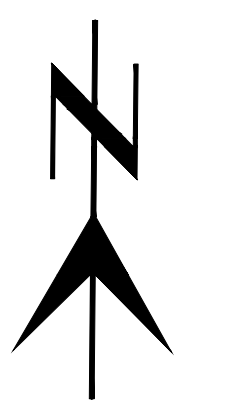
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APPROVALS	SIGNATORY	DATE	APPROVED	DATE

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

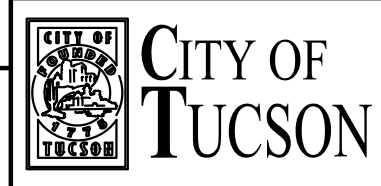


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HZ06 OF HZ06

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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
HORIZONTAL CONTROL SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

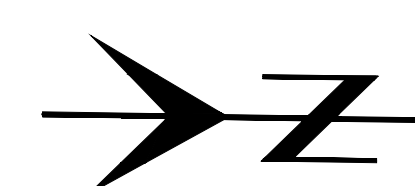
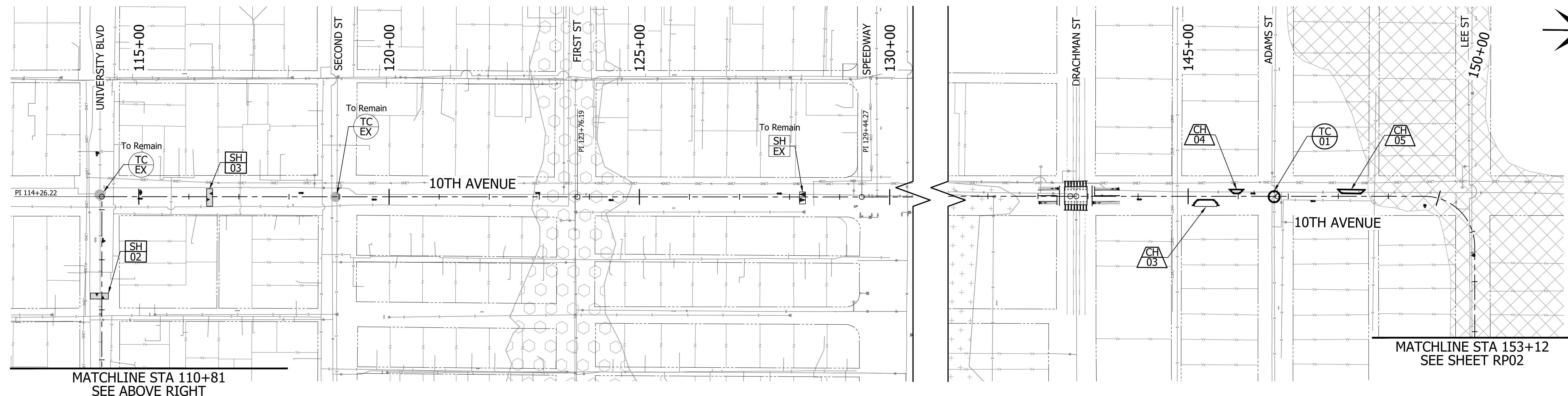
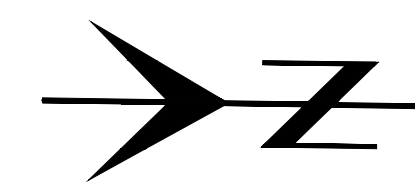
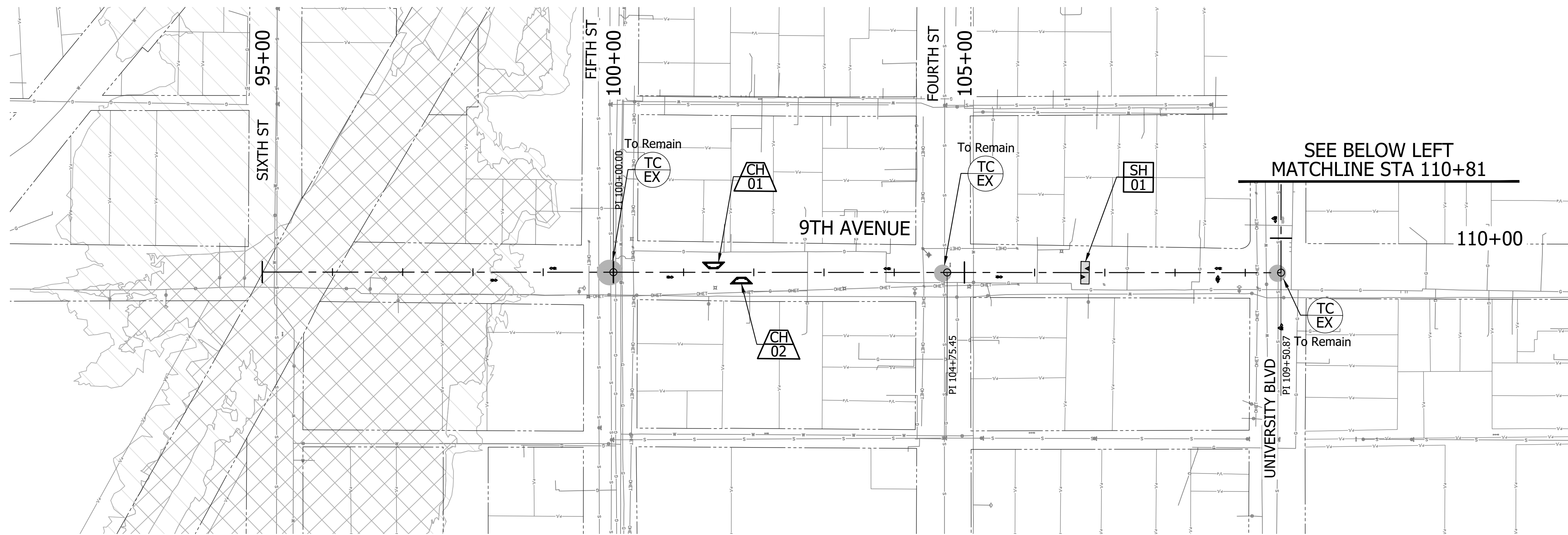
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APPROVALS	SIGNATORY	DATE

APPROVED _____ 20__ 17
 OF 76
 TRANSPORTATION DIRECTOR

REF. _____ SCALE: 1"=100'
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KEYNOTES LEGEND

	NEW		EXIST
	NEW		EXIST
	NEW		EXIST
	NEW		EXIST
	NEW		EXIST
	FEMA Zone AE		City of Tucson West University Wash
	FEMA Zone X		City of Tucson Mabel St Flood Boundary

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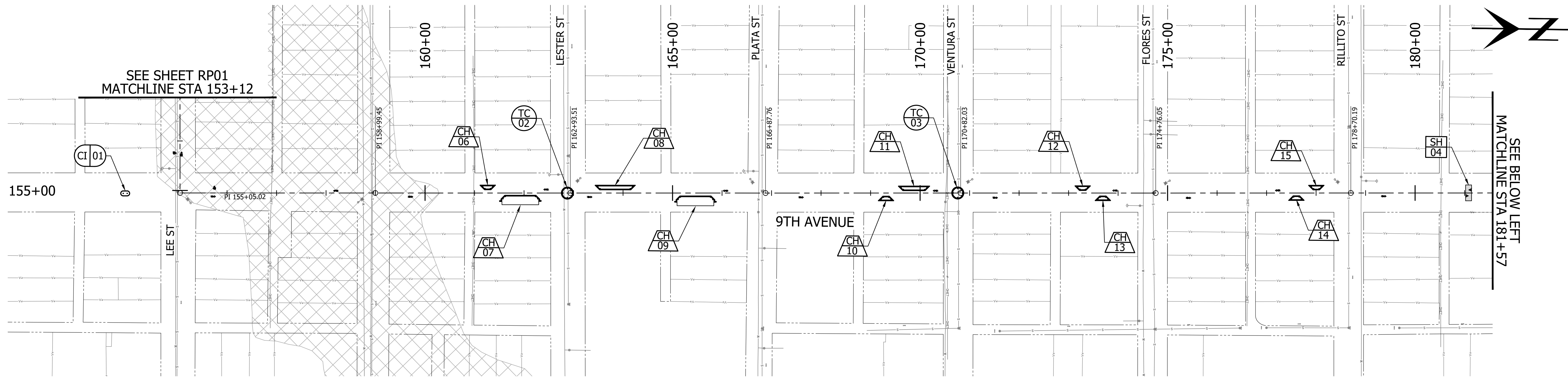


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DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE ROADWAY PLAN SHEETS			
APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__
			18
			OF
			76
REF. _____ SCALE: 1"=100'			TRANSPORTATION DIRECTOR
DRWN. BY BZD 20 23	DSGN. BY BZD 20 23	CHKD. BY FLG 20 23	PLAN NO. U-2022-006

RP01 OF RP06

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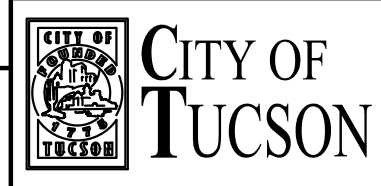


KEYNOTES LEGEND

- | | | |
|------------|---|--------------|
| NEW | | EXIST |
| | Traffic Circle Reference ID No. See Detail A for location, configuration, and additional information. | |
| | Speed Hump Reference ID No. See Detail B for location, configuration, and additional information. | |
| | 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. | |
| | FEMA Zone AE | |
| | FEMA Zone X | |

RP02 OF RP06

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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

ROADWAY PLAN SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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 OR RECORDING

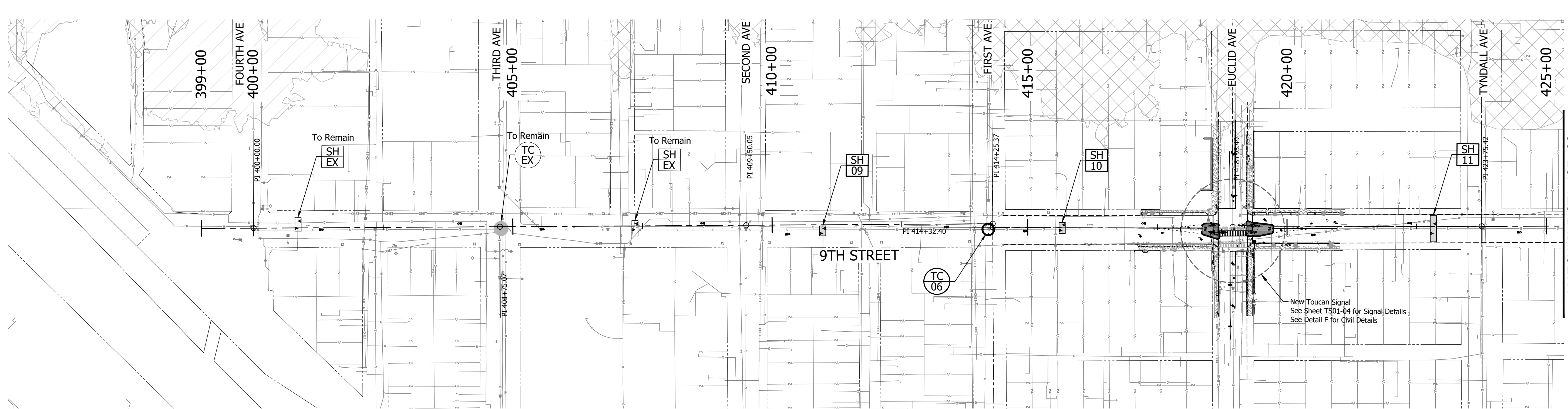
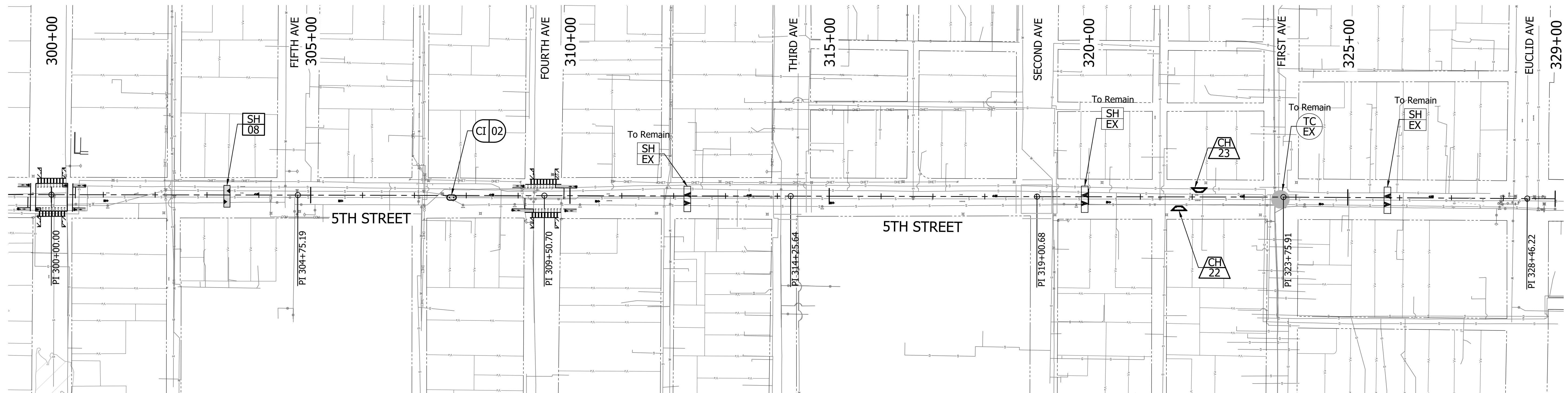
APPROVALS	SIGNATORY	DATE

APPROVED _____ 20__ 19
 OF
 76
 TRANSPORTATION DIRECTOR

REF. _____ SCALE: 1"=100'
 PLAN NO. U-2022-006

DRWN. BY BZD 20 23 DSGN. BY BZD 20 23 CHKD. BY FLG 20 23

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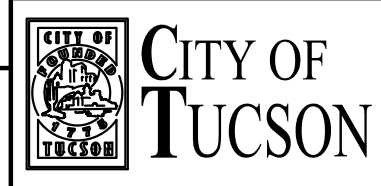


KEYNOTES LEGEND

NEW		EXIST
	Traffic Circle Reference ID No. See Detail A for location, configuration, and additional information.	
	Speed Hump Reference ID No. See Detail B for location, configuration, and additional information.	
	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.	
	FEMA Zone AE	
	FEMA Zone X	

RP04 OF RP06

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

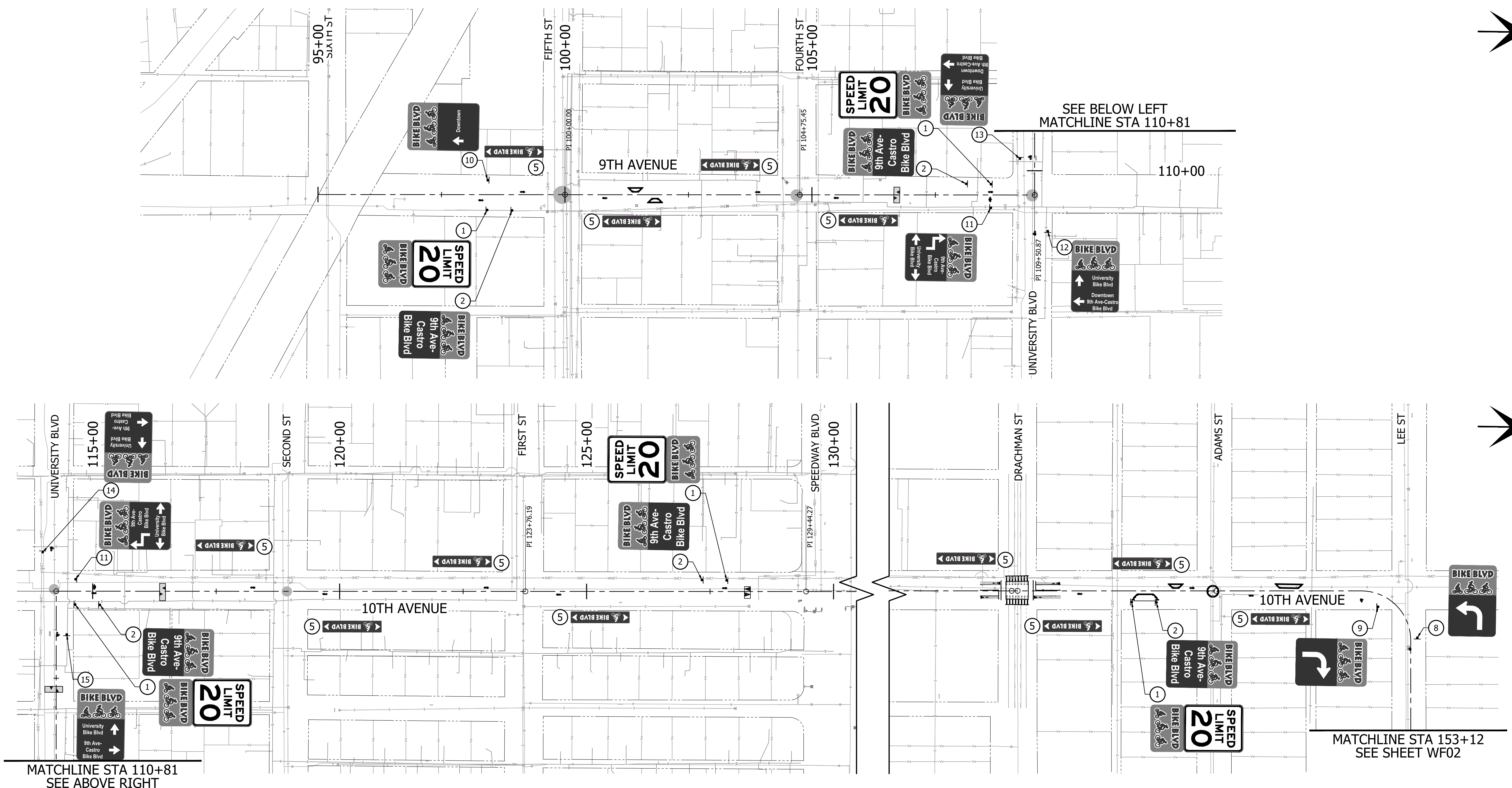
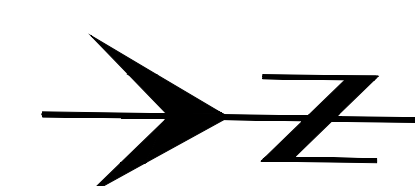
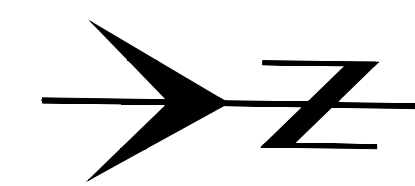
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APPROVALS	SIGNATORY	DATE	APPROVED	DATE
TRANSPORTATION DIRECTOR				21
REF. _____				OF
SCALE: 1"=100'				76
PLAN NO. U-2022-006				



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- Notes**
- 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.
 - 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

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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
BIKE BLVD WAYFINDING SIGN SHEET

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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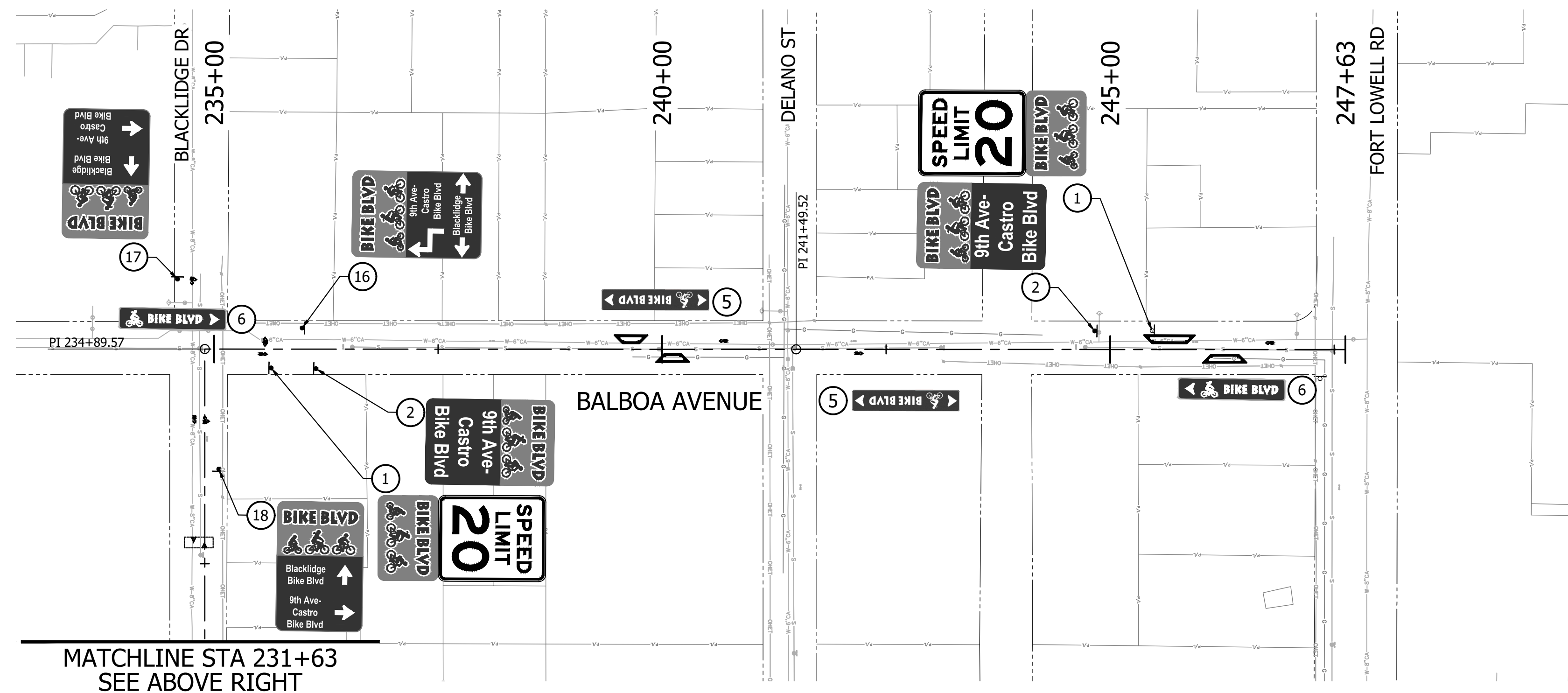
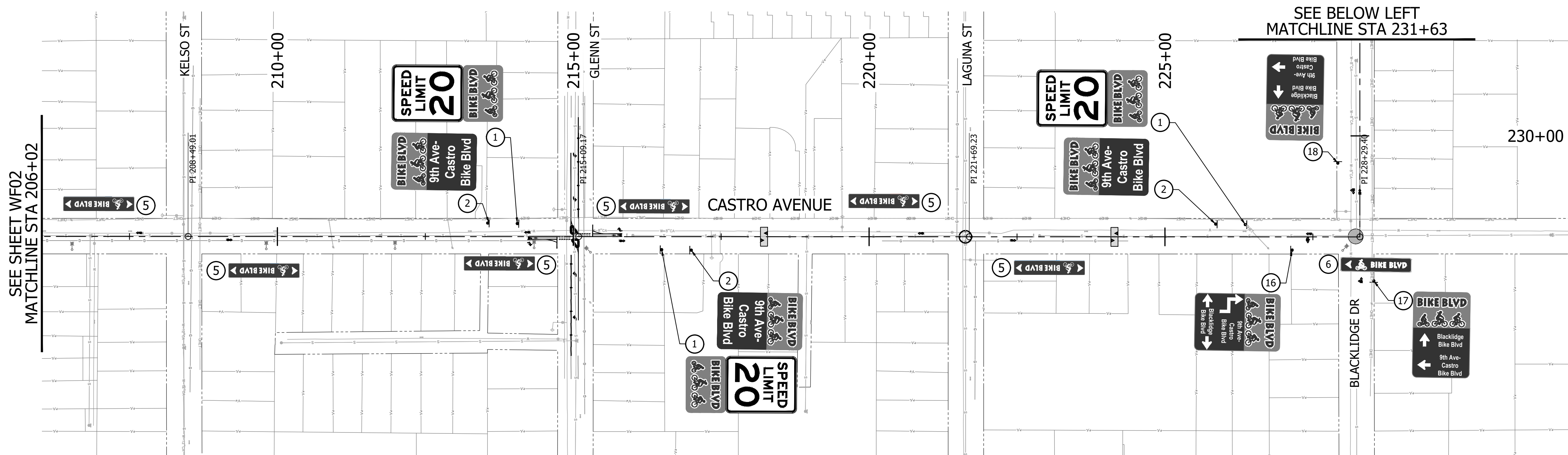
APPROVALS	SIGNATORY	DATE	APPROVED	DATE

TRANSPORTATION DIRECTOR

REF. _____ SCALE: 1"=100'

PLAN NO. **U-2022-006**

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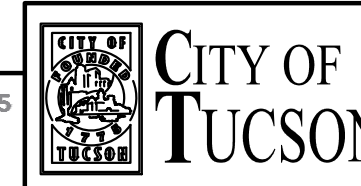
Notes

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.

WF03 OF WF06

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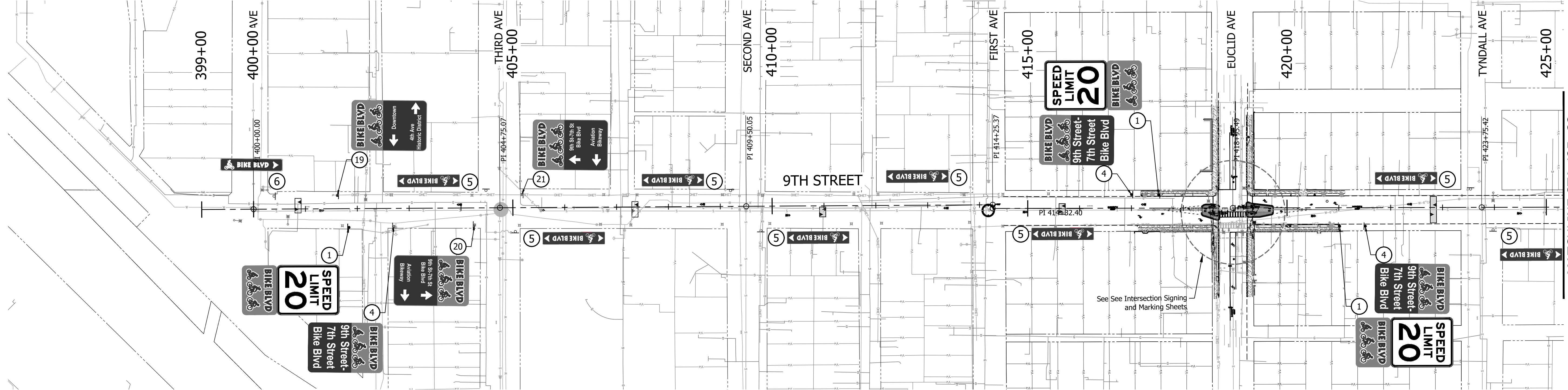
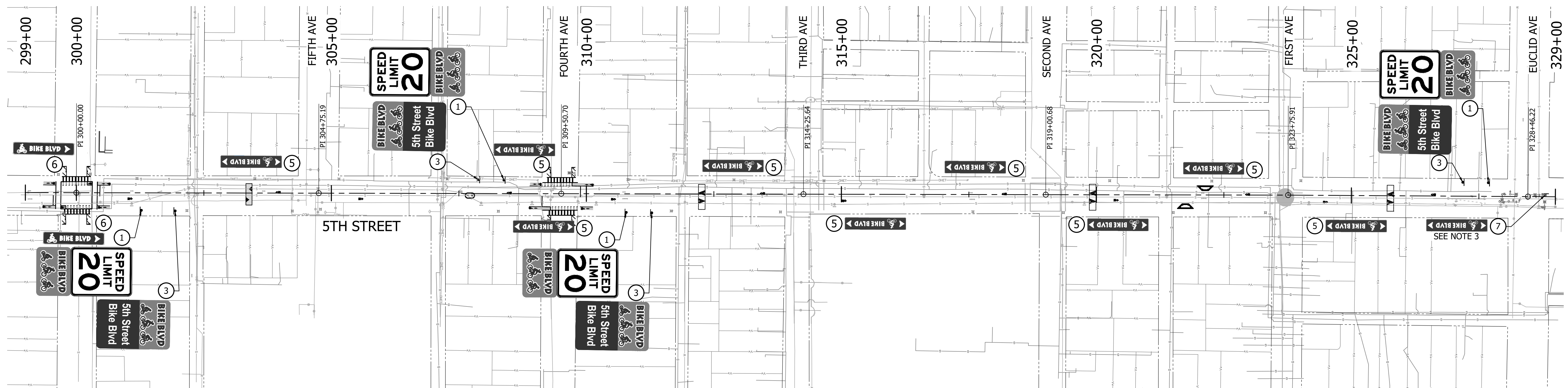
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9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS
 SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE
BIKE BLVD WAYFINDING SIGN SHEET

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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APPROVALS	SIGNATORY	DATE	APPROVED	26
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				76
TRANSPORTATION DIRECTOR				
REF. SCALE: 1"=100'				
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PLAN NO. U-2022-006				

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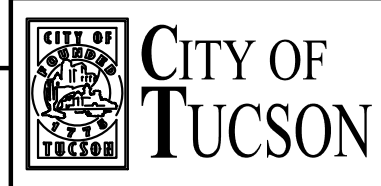
Notes

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.
3. Install Bike Blvd Metro Sign on signal pole. Relocate existing crossing metro sign from mast arm to signal pole. See TS04 for mounting details.

Wayfinding Sign Number.
 See Sheet SG03 for details and dimensions.

WF04 OF WF06

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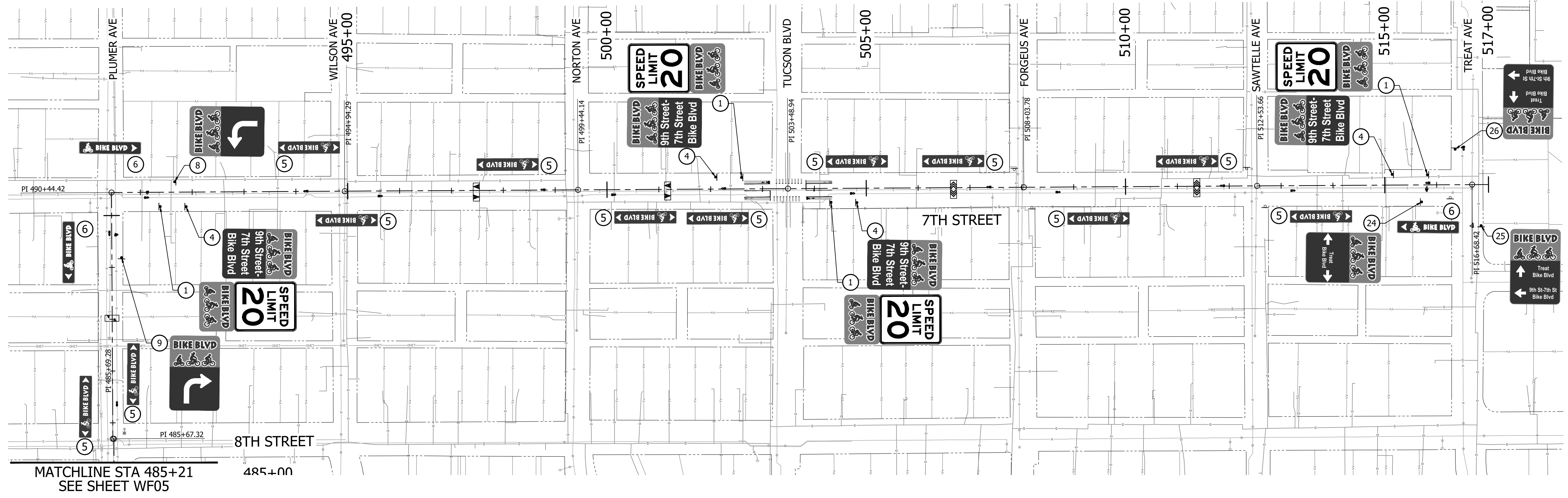
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9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS
 SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE
BIKE BLVD WAYFINDING SIGN SHEET

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

APPROVALS	SIGNATORY	DATE	APPROVED	DATE
TRANSPORTATION DIRECTOR				27
REF. _____ SCALE: 1"=100'				OF
PLAN NO. U-2022-006				76



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MATCHLINE STA 485+21
SEE SHEET WF05

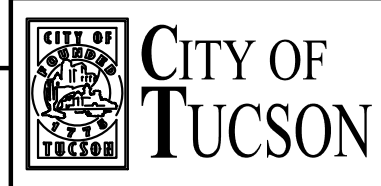
Notes

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.

WF06 OF WF06

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 SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE
BIKE BLVD WAYFINDING SIGN SHEET

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

APPROVALS	SIGNATORY	DATE	APPROVED	DATE

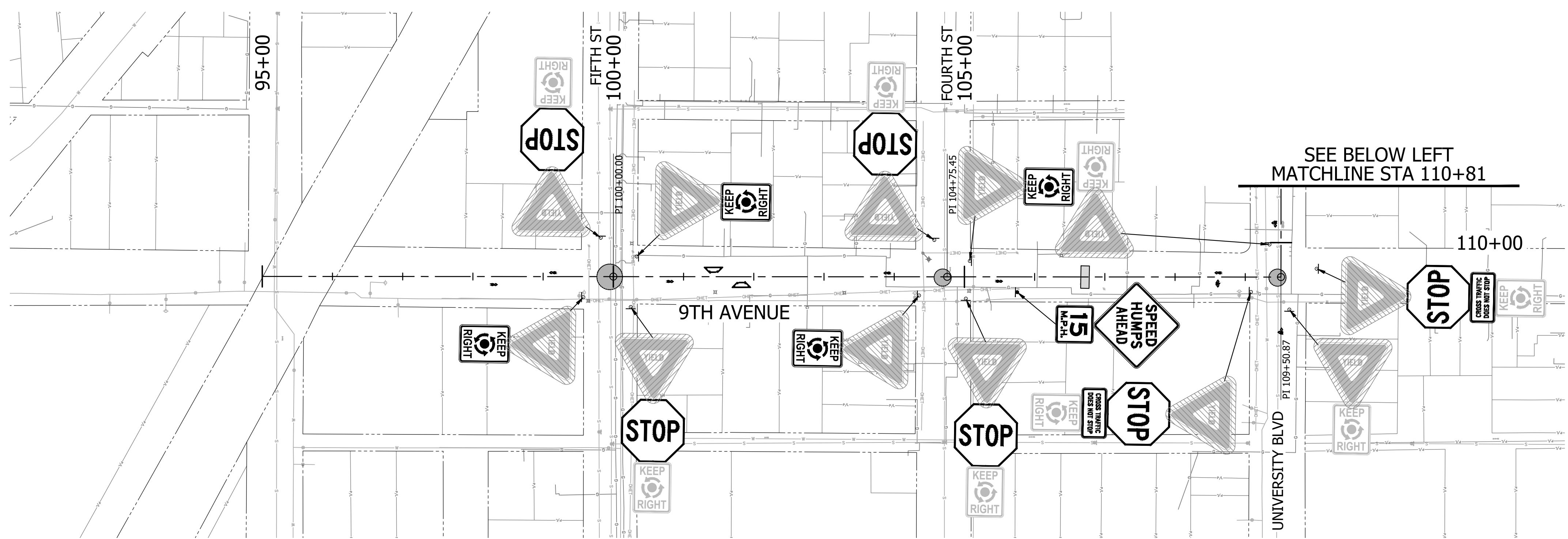
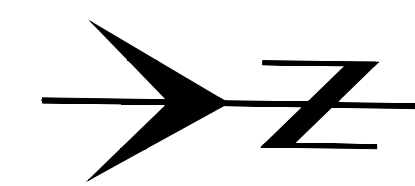
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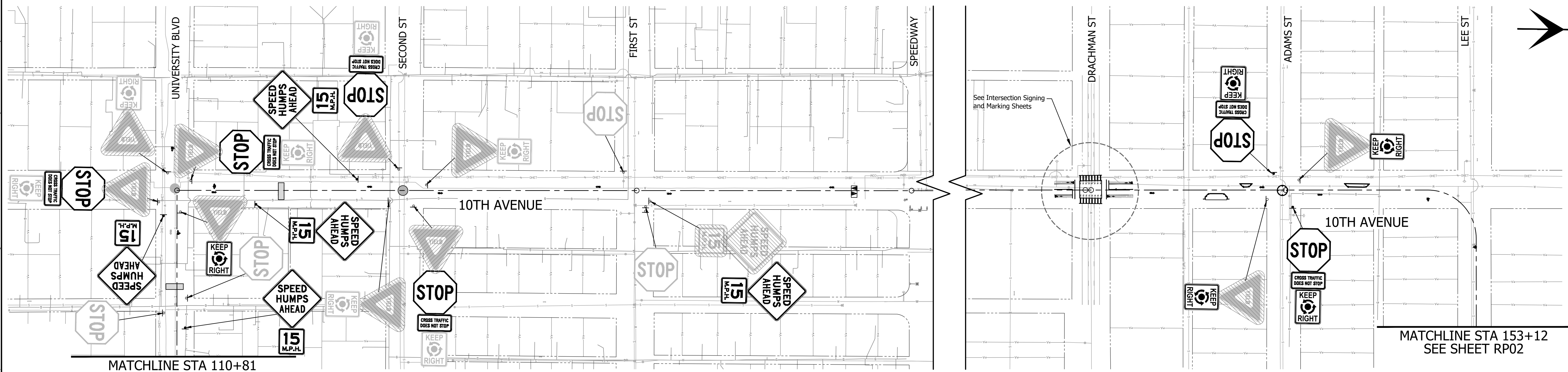
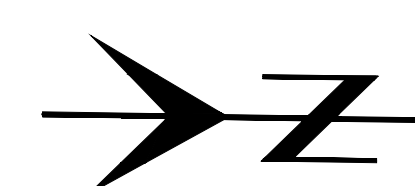
PLAN NO. **U-2022-006**



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SEE BELOW LEFT
MATCHLINE STA 110+81




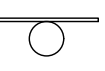



MATCHLINE STA 110+81
SEE ABOVE RIGHT

MATCHLINE STA 153+12
SEE SHEET RP02

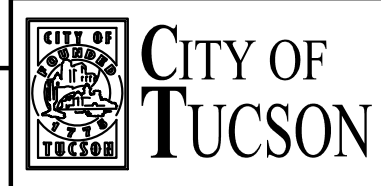
Notes

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

SS01 of SS06

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BIKE BLVD SIGNING AND MARKING SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

APPROVALS	SIGNATORY	DATE	APPROVED	

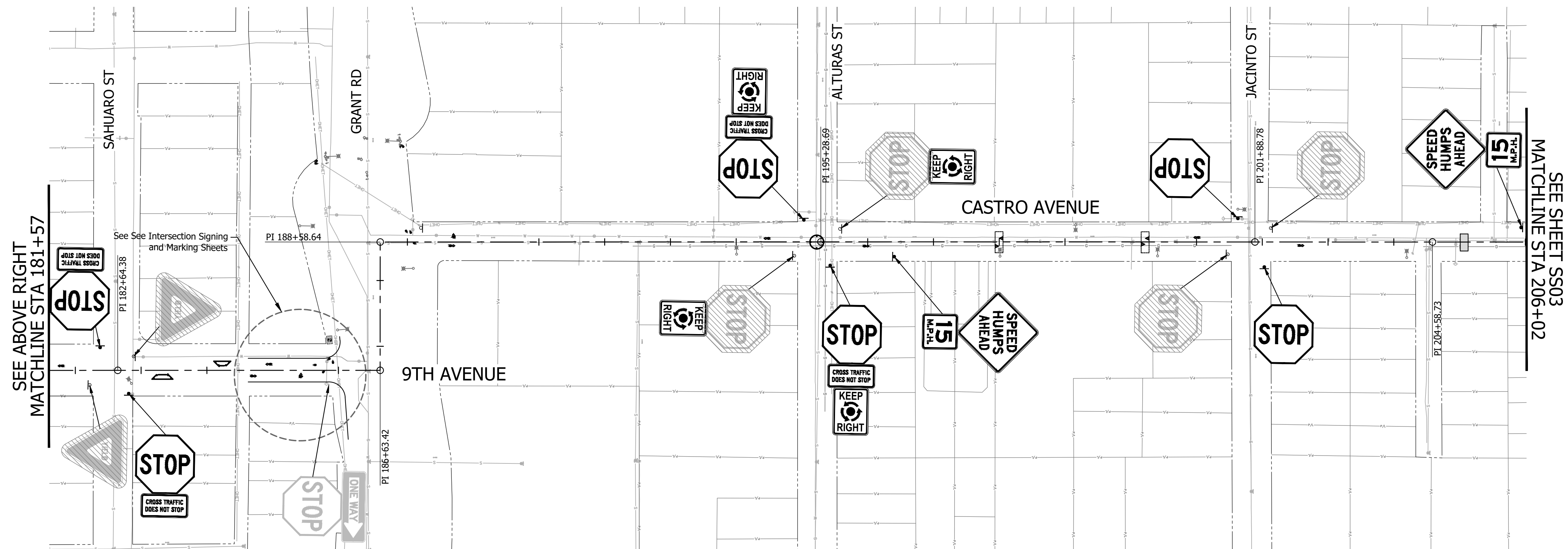
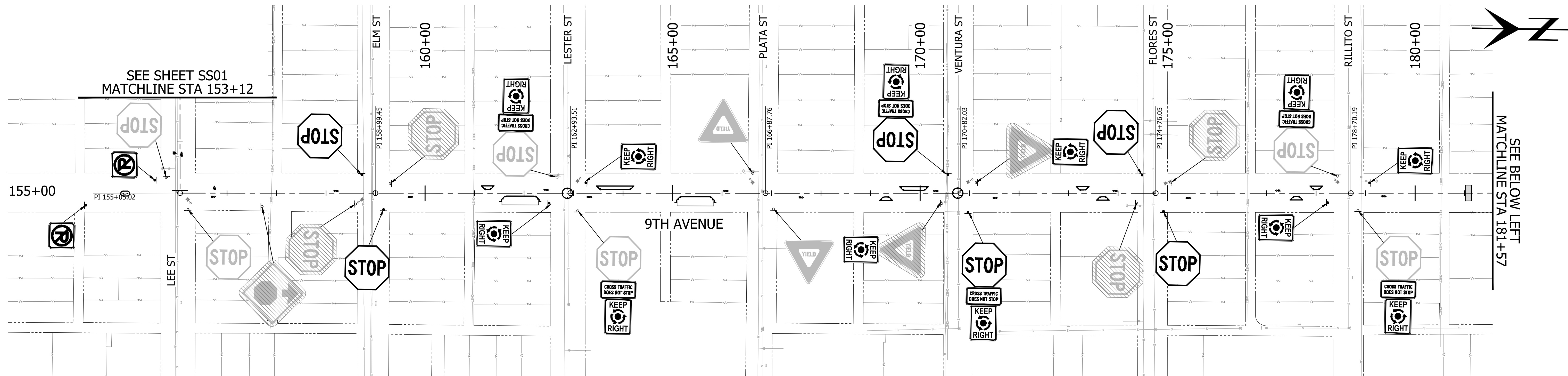
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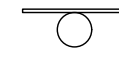



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Notes

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

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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
BIKE BLVD SIGNING AND MARKING SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

APPROVALS	SIGNATORY	DATE	APPROVED	NO.
				31
				OF
				76

TRANSPORTATION DIRECTOR

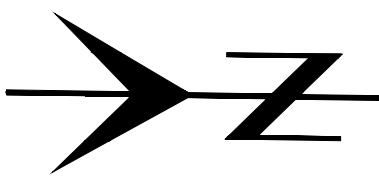
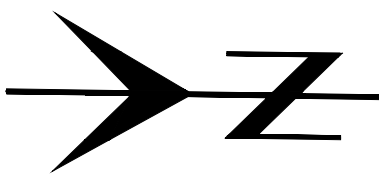
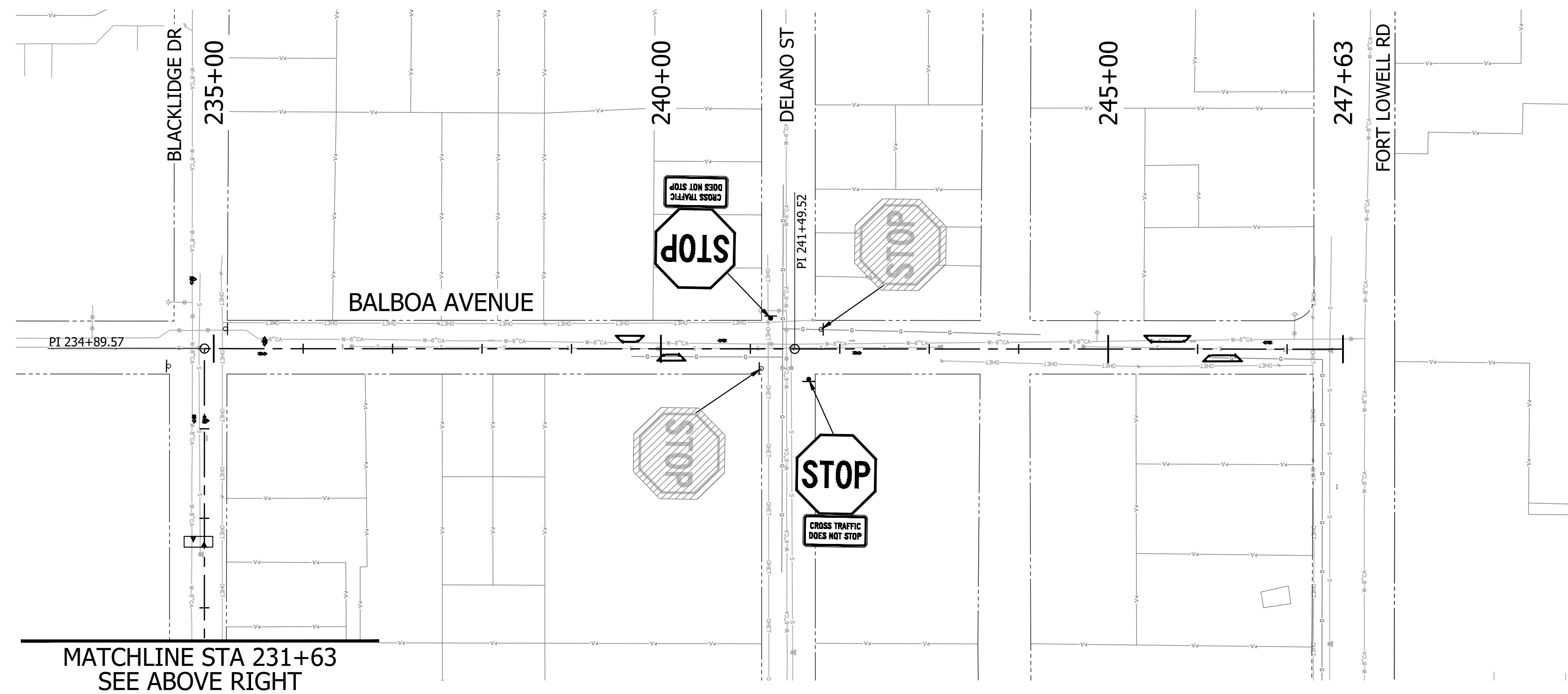
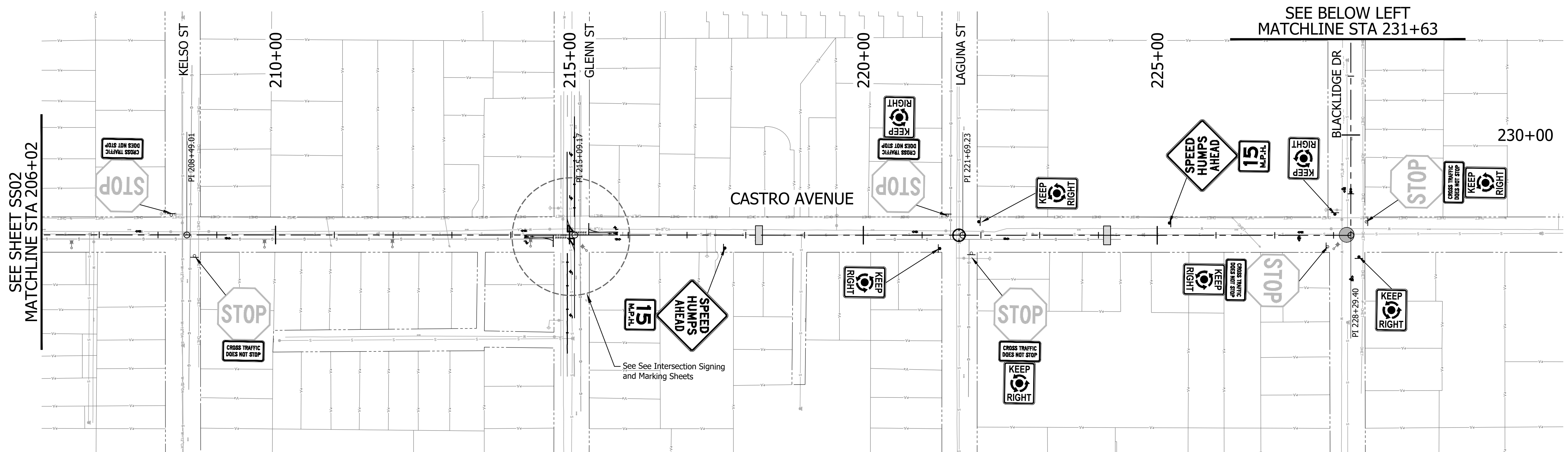
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PLAN NO. U-2022-006

SS02 OF SS06







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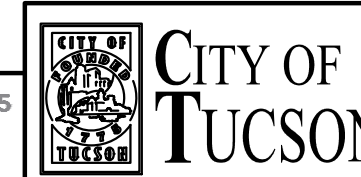
Notes

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

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 2 E CONGRESS STREET, SUITE 705
 TUCSON, AZ 85701
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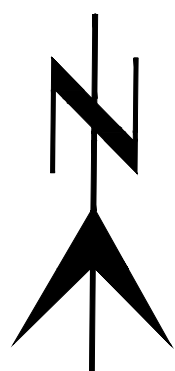
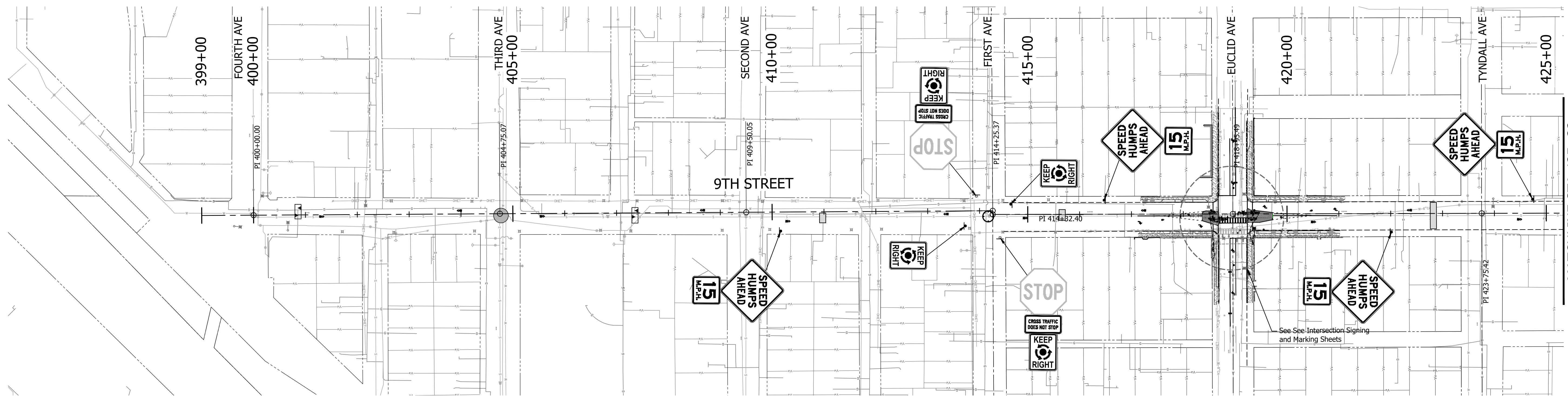
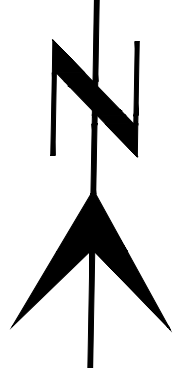
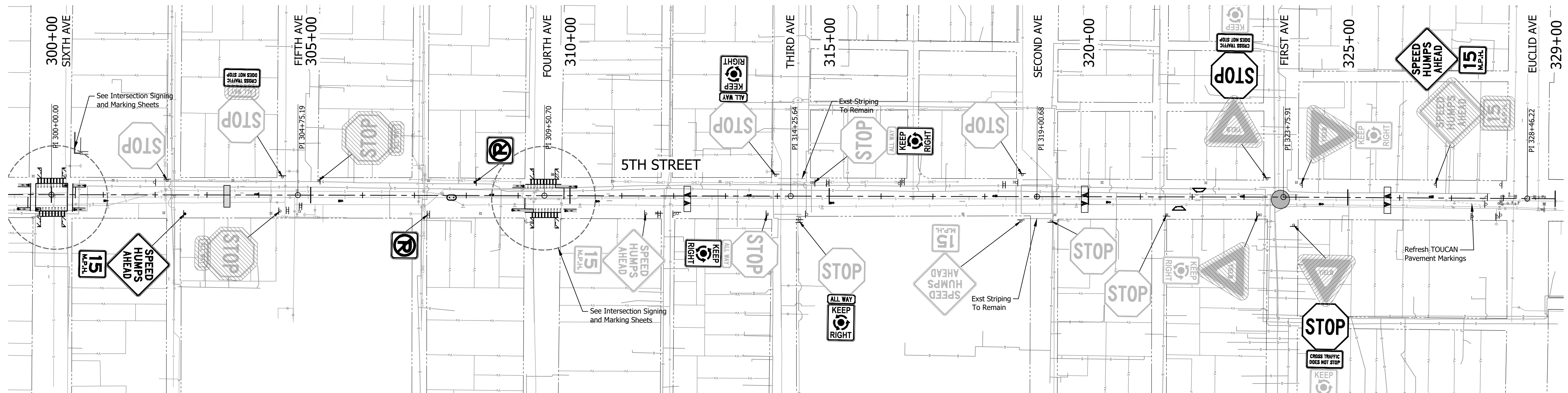


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DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION			
9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS			
SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE			
BIKE BLVD SIGNING AND MARKING SHEETS			
APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__
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			76
			TRANSPORTATION DIRECTOR
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MATCHLINE STA 425+33
 SEE SHEET SS05

Notes

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

SS04 of SS06

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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
BIKE BLVD SIGNING AND MARKING SHEETS

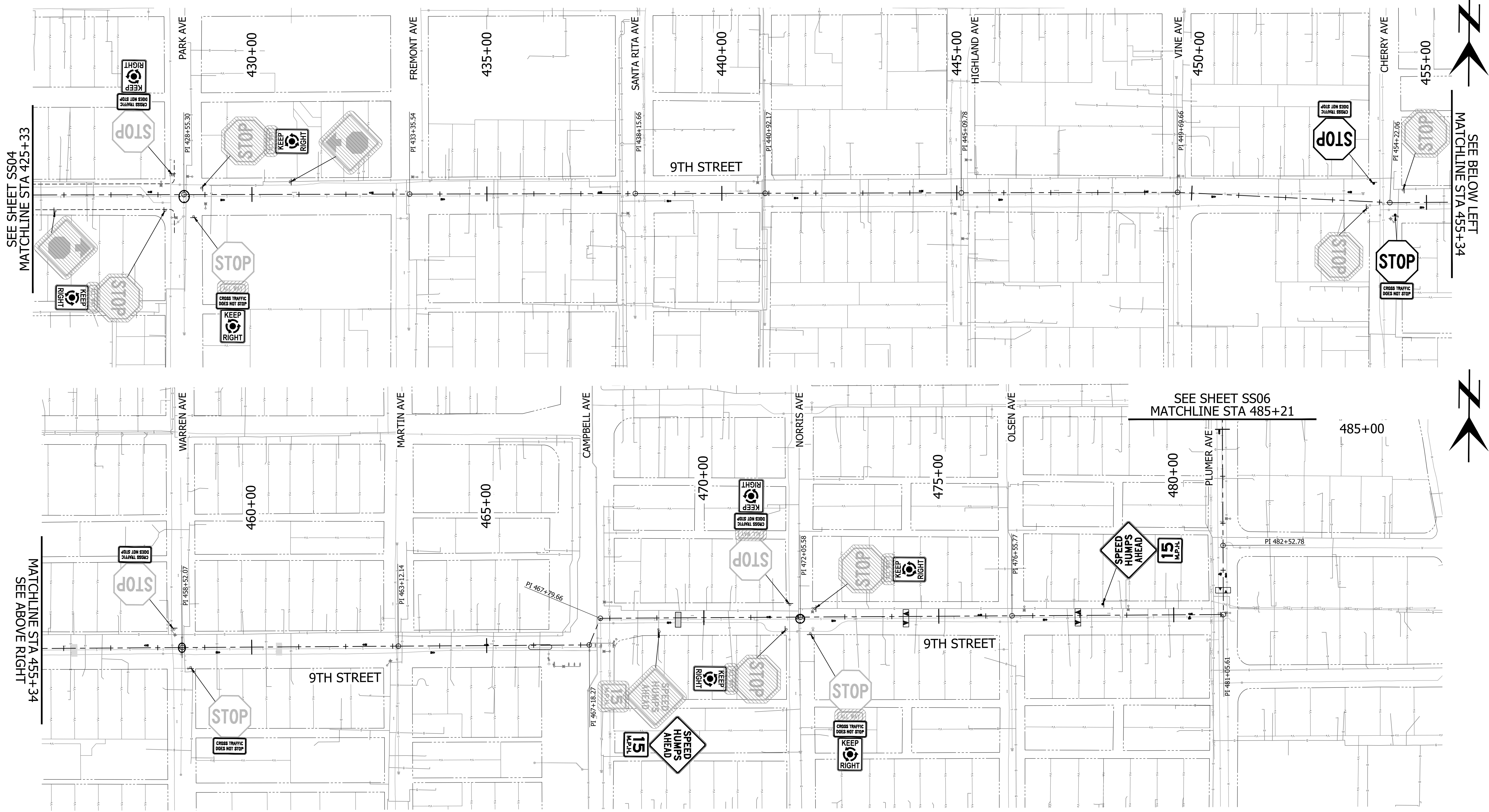
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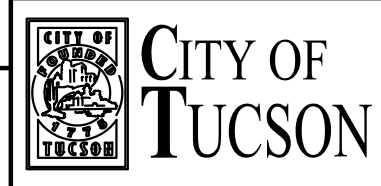
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- Notes**
1. All existing signs shall be protected in place unless indicated otherwise.
 2. See Sign Summary Tables for detailed information.



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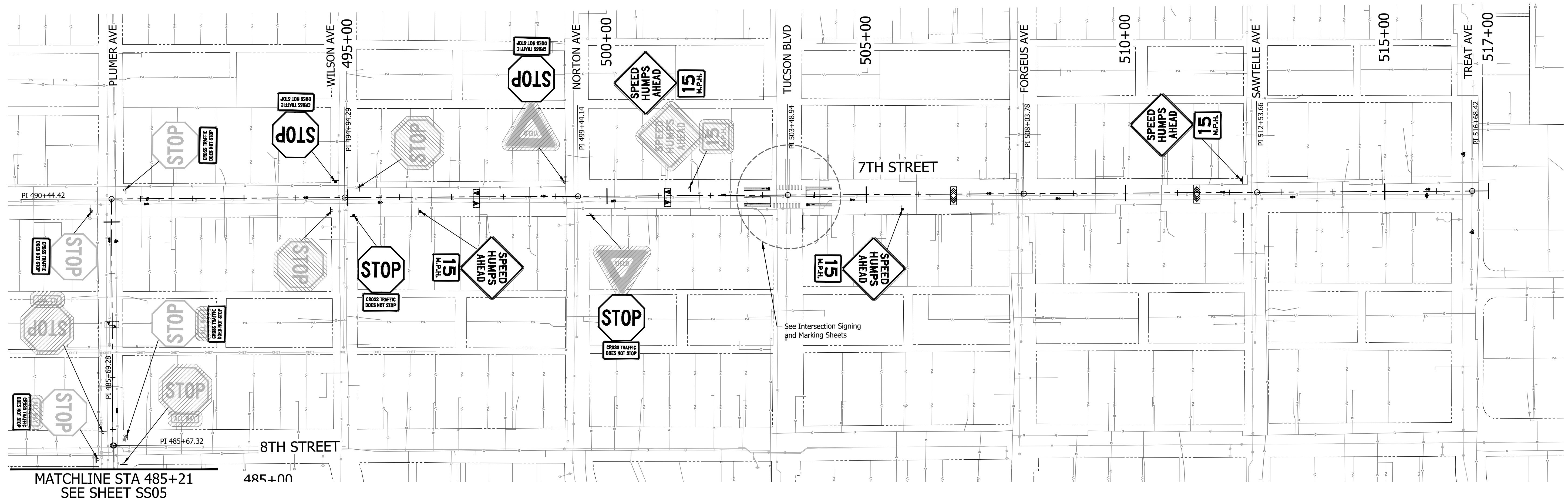
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			76
			TRANSPORTATION DIRECTOR
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PLAN NO. U-2022-006			

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.



SS05 of SS06

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SEE SHEET SS05

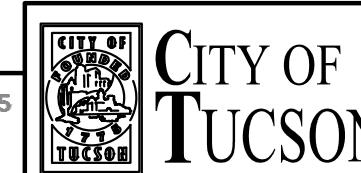
Notes

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

SS06 OF SS06

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NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

PAVEMENT MARKING GENERAL NOTES

- All pavement markings shall conform to PC/COT Standards and Specifications.
- The permanent pavement markings may be modified as directed by the Traffic Engineer or Designee.
- The design vehicle for this project is a SU-40.
- 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.
- The pavement marking drawings are schematic only. The contractor shall follow all dimensions, details, and standards when installing pavement striping, markings, and markers.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- The Engineer of record shall be required to produce as-built striping plans within 90 days of striping completion.
- Blue raised pavement markers shall be placed adjacent to fire hydrants as directed by the Engineer in the field.
- Final inspection/acceptance of pavement markers shall be performed by the Traffic Engineer.
- 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.
- Symbols and legends shall not be applied as temporary installations, unless directed by the Traffic Engineer.
- Painted curb (red - no parking) will be paid for under Item 7080122, Painted Curb (Red).

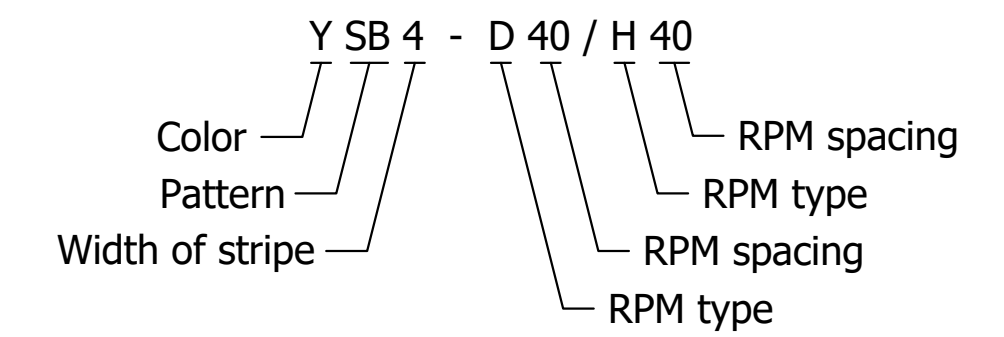
SIGNING GENERAL NOTES

- 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.
- Signs may be modified and locations adjusted to fit conditions as directed by the jurisdiction Traffic Engineer or Designee.
- Post lengths indicated on sign summary sheets are approximate. The contractor shall verify actual post lengths.
- 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.
- 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.
- 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.
- All new signs shall have aluminum backing, unless otherwise specified.
- 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).
- 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.
- Removal shall be in accordance with Section 202-3.06 of the 2003 PC/DOT Standard Specifications for Public Improvements.
- Final inspection/acceptance of signing shall be performed by the jurisdiction Traffic Engineer or Designee.
- 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	3278
Painted Stripe (White) (4" Equivalent) (Transverse)	LF	10463
Painted Stripe (Yellow) (4" Equivalent)	LF	2235
Painted Bike (Green)	SF	6076
Red Painted Curb (No Parking)	LF	752
Bike Wayfinding Legends	EA	21
Shared Lane Legend (Sharrow)	EA	141
Bike Symbol and Arrow	EA	20

LINE STYLE DESIGNATIONS

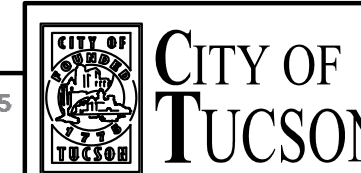


See PC/COT Signing and Pavement Marking Manual for Further Descriptions.

APPROXIMATE SIGNING QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
Sign Post (Perforated)	LF	2088
Foundation for Sign Post (Perforated)	EA	149
Flat Sheet Aluminum Sign Panel (Type XI)	SF	1473
Remove and Reinstall Sign	EA	1
Remove and Salvage Sign Panel	EA	83

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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



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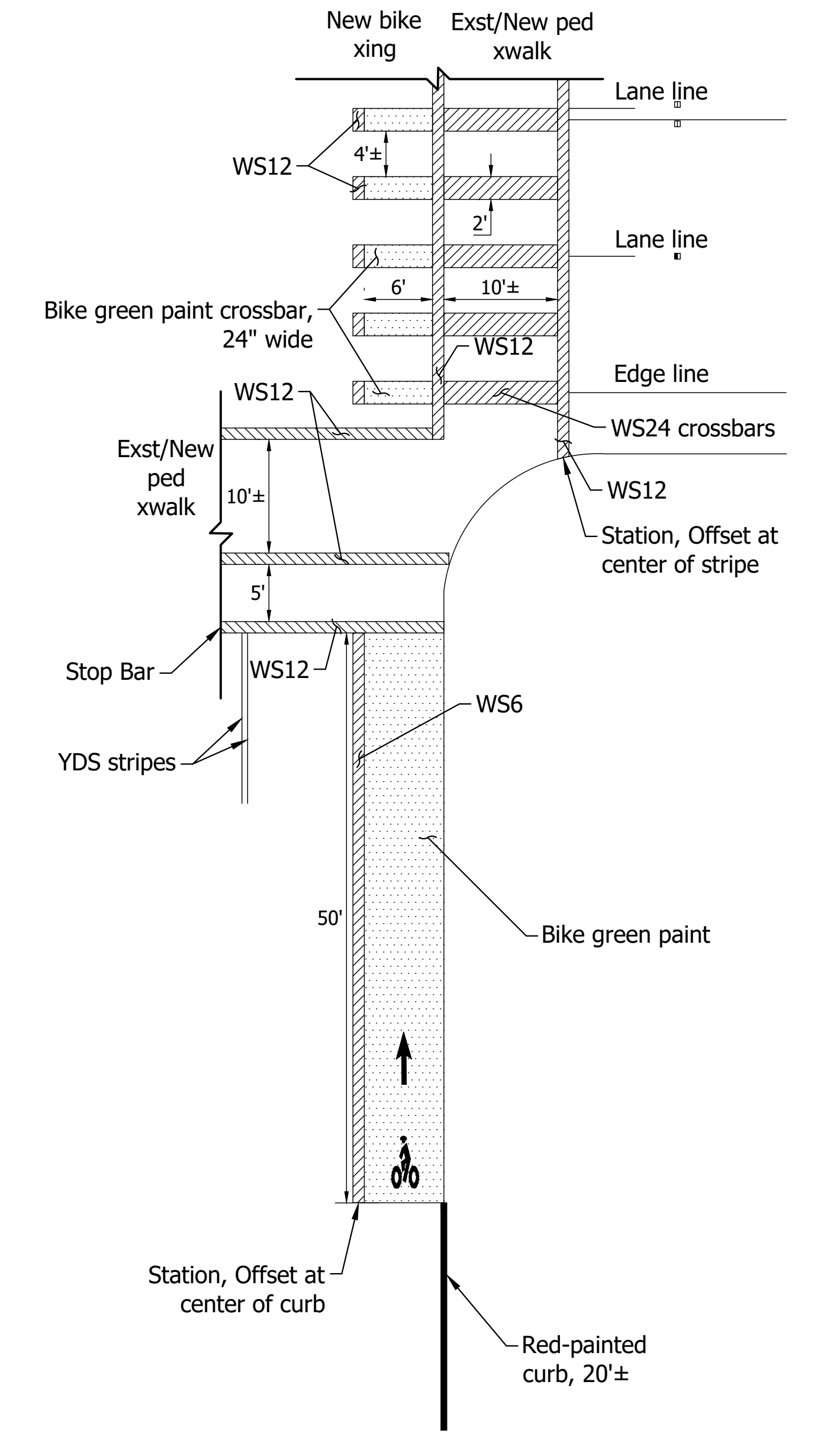
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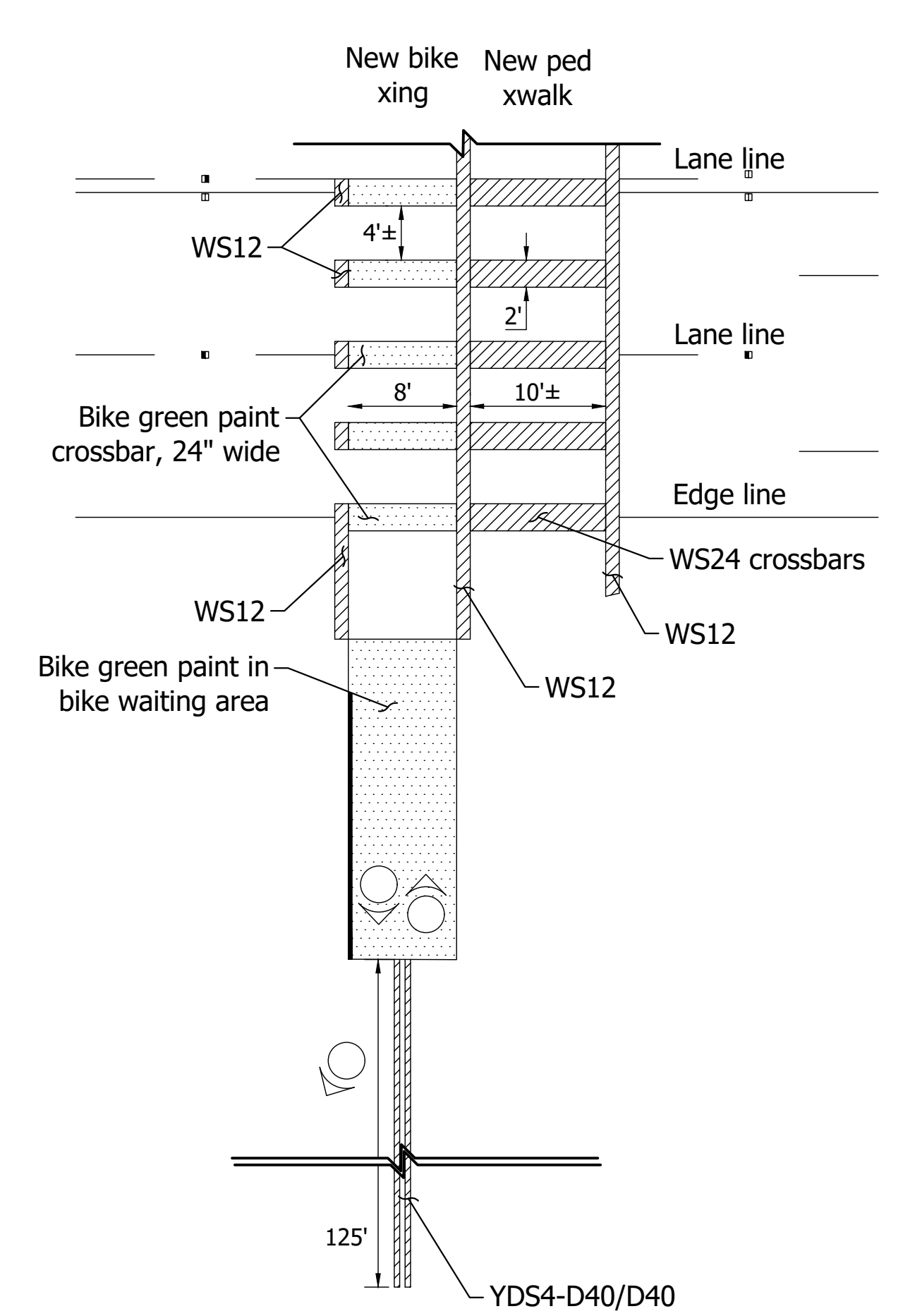
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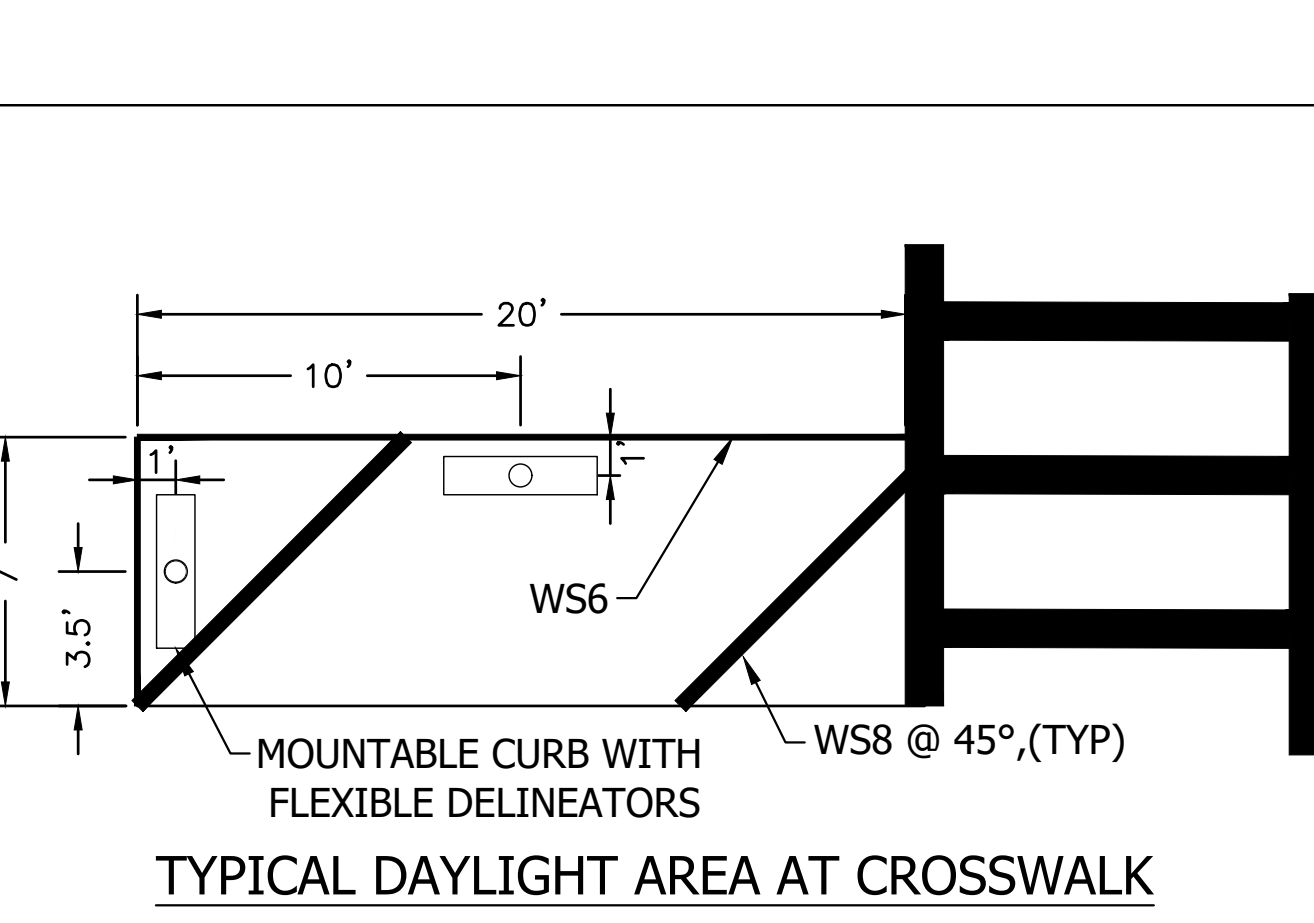
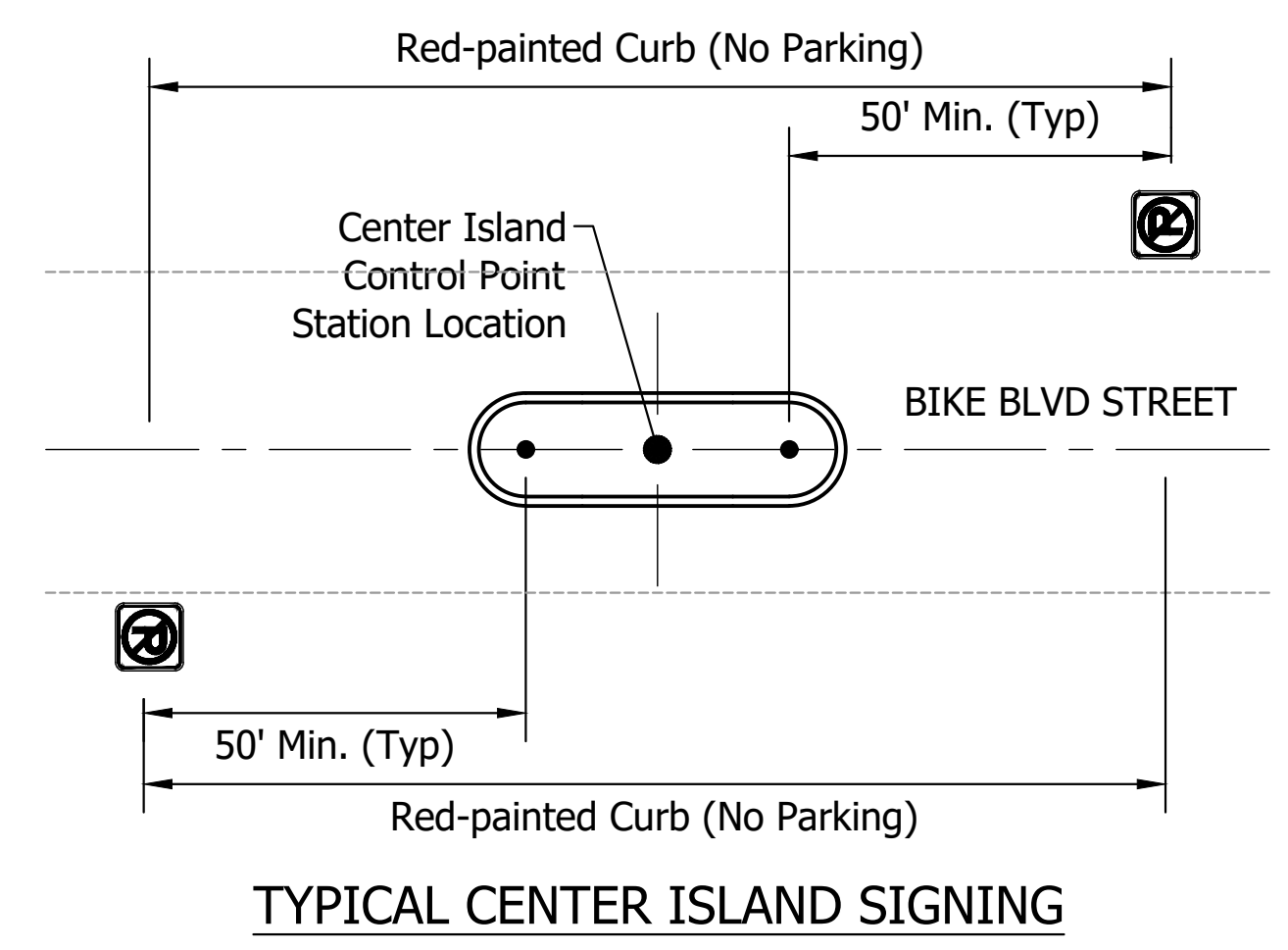
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UN SIGNALIZED PEDESTRIAN CROSSWALK / BIKE CROSSING PAVEMENT MARKING TYPICAL LAYOUT DETAIL



TOUCAN PEDESTRIAN CROSSWALK / BIKE CROSSING PAVEMENT MARKING TYPICAL LAYOUT DETAIL



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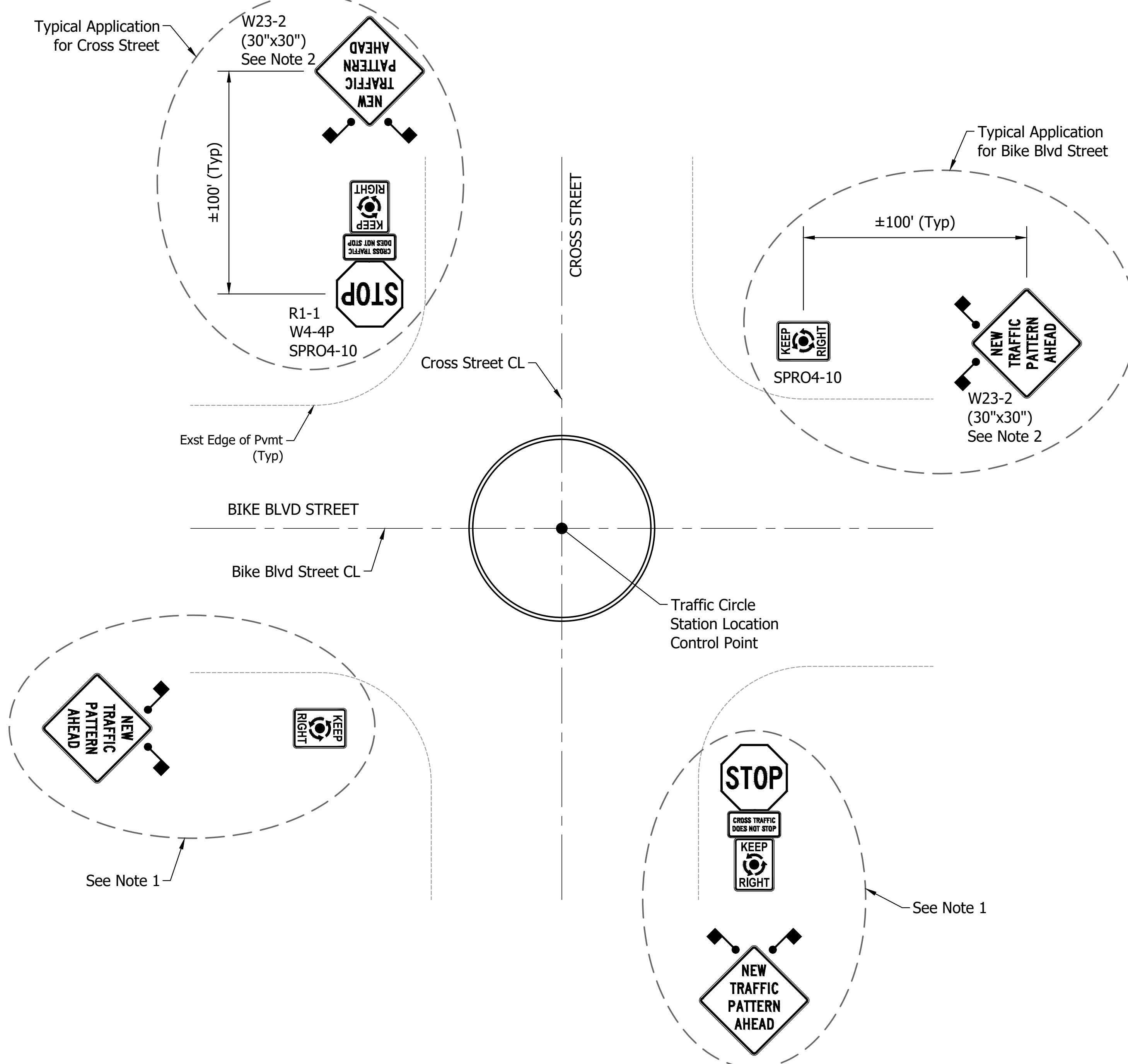
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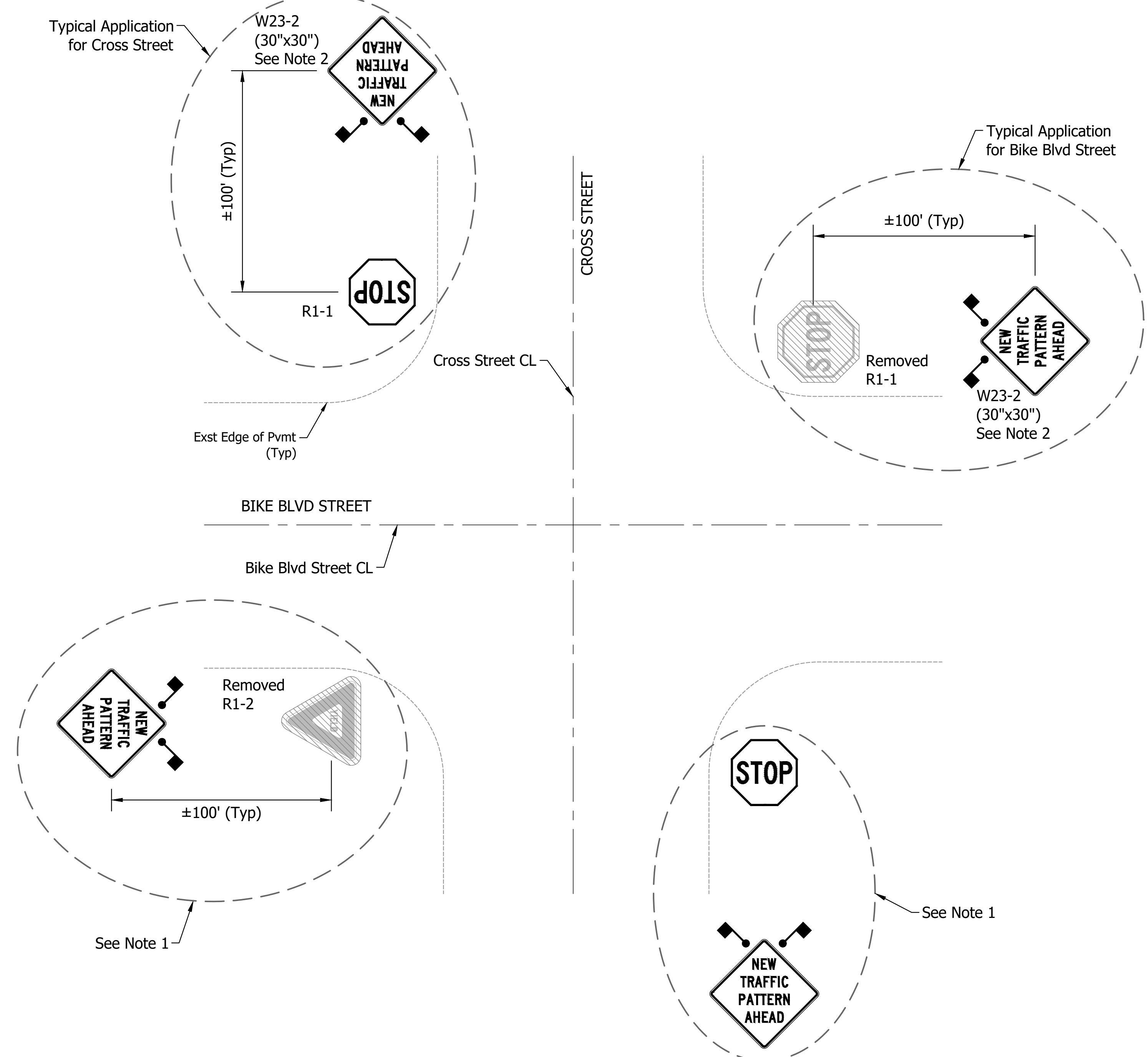


TYPICAL TEMPORARY INTERSECTION SIGNING AT NEW TRAFFIC CIRCLES.

NOTES

- Sign spacing shall follow corresponding typical application as shown
- 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.
- For additional pavement marking and signing information not shown on this plan sheet, see PCDOT/COT Signing and Marking Standards Sheet 5.3.

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



TYPICAL TEMPORARY INTERSECTION SIGNING AT NEW STOP SIGNS.

NOTES

- Sign spacing shall follow corresponding typical application as shown
- 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.
- For additional pavement marking and signing information not shown on this plan sheet, see PCDOT/COT Signing and Marking Standards Sheet 5.3.

NEW STOP 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

SG05 OF SG12

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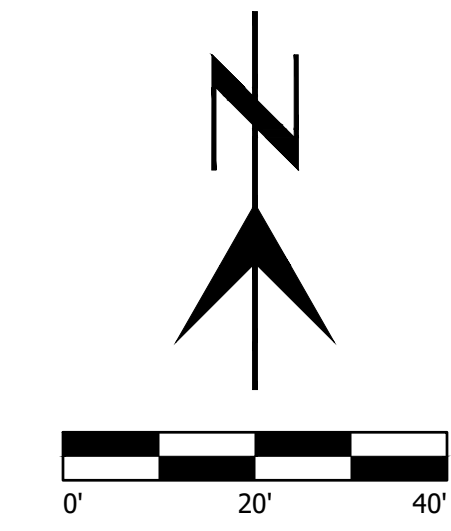
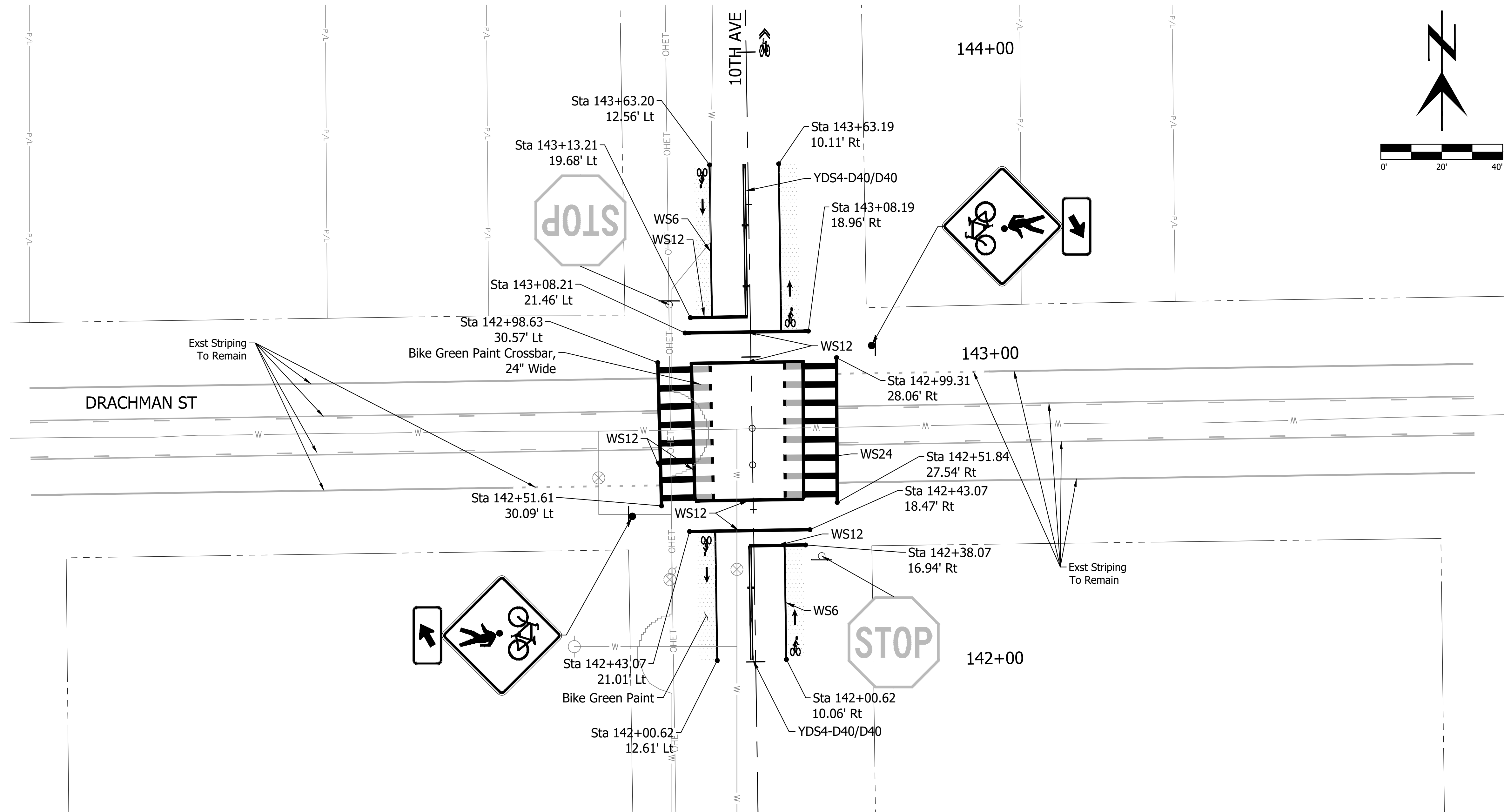
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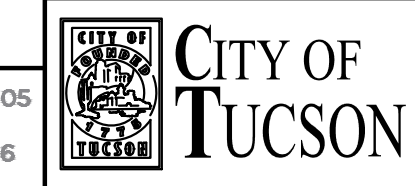


PAVEMENT MARKING AND SIGNING NOTES

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.
5. Contractor shall remove all existing pavement markings in conflict with proposed pavement markings. This will be paid for under Bid Item 7010260, Obliterate Pavement Markings.

SG06 OF SG12

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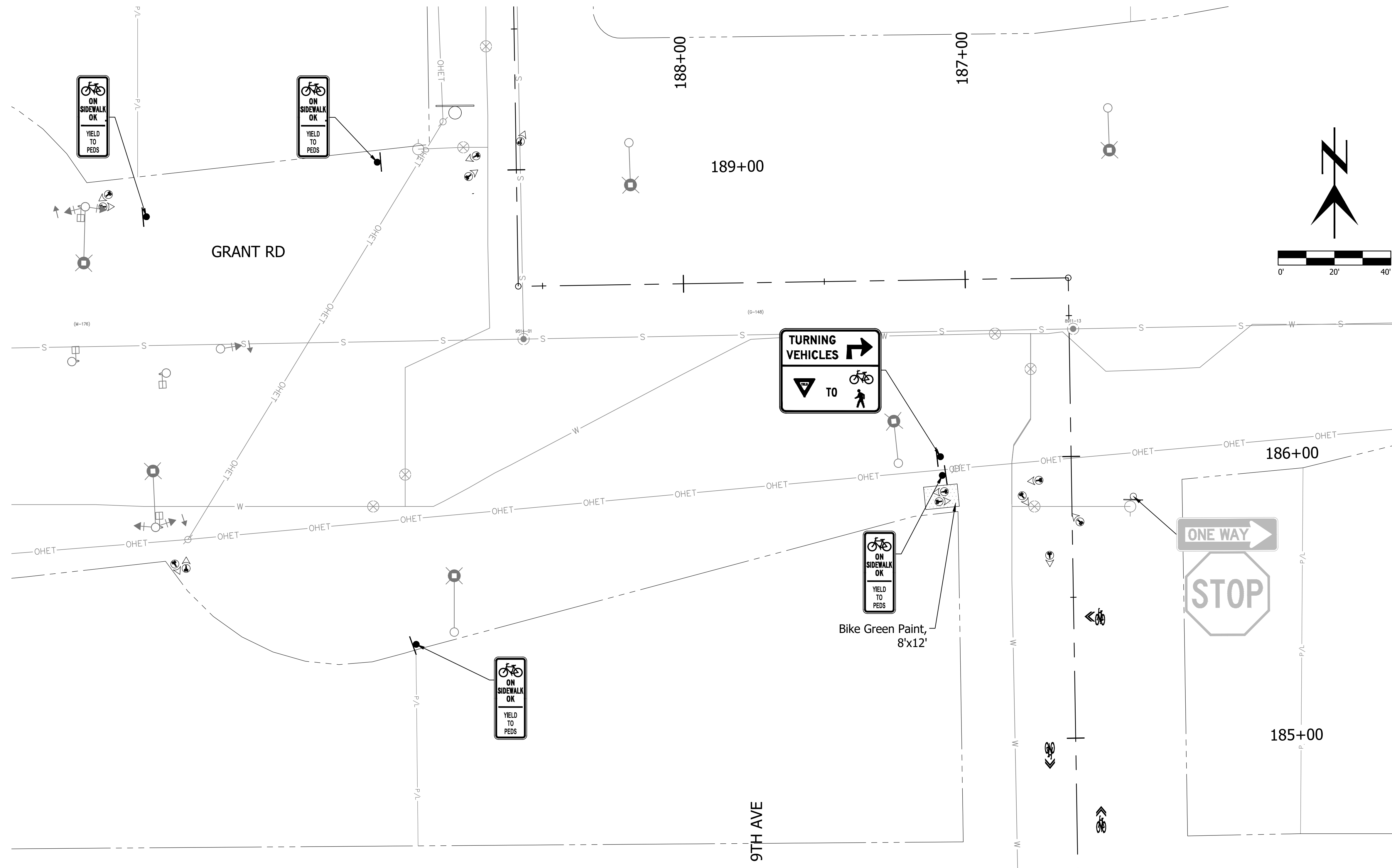
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 PLAN NO. **U-2022-006**

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PAVEMENT MARKING AND SIGNING NOTES

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4. Contractor shall remove all existing pavement markings in conflict with proposed pavement markings. This will be paid for under Bid Item 7010260, Obliterate Pavement Markings.

SG07 OF SG12

KITTELSON & ASSOCIATES
 2 E CONGRESS STREET, SUITE 705
 TUCSON, AZ 85701
 P 520.544.4067 F 520.544.9616



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

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

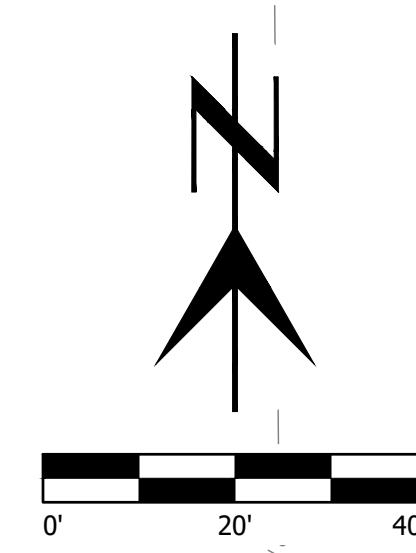
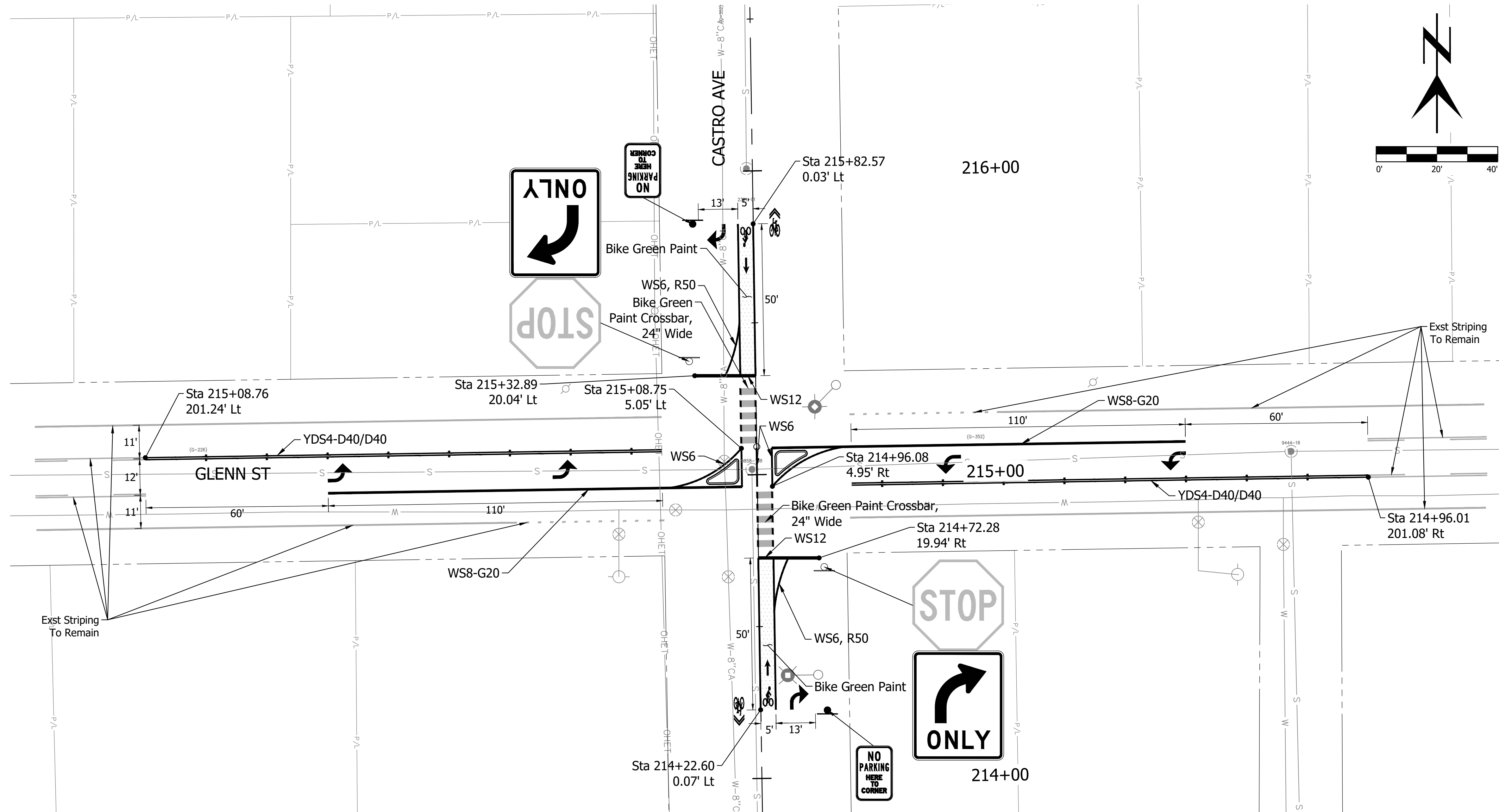
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 CONSTRUCTION
 OR RECORDING

APPROVALS	SIGNATORY	DATE	APPROVED	DATE

TRANSPORTATION DIRECTOR
 REF. _____ SCALE: 1"=20'
 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006



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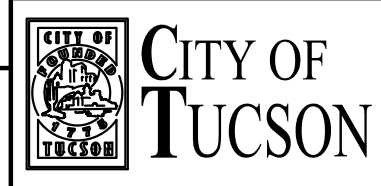


PAVEMENT MARKING AND SIGNING NOTES

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.
5. Contractor shall remove all existing pavement markings in conflict with proposed pavement markings. This will be paid for under Bid Item 7010260, Obliterate Pavement Markings.

SG08 OF SG12

KITTELSON & ASSOCIATES
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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

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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APPROVALS	SIGNATORY	DATE	APPROVED	DATE

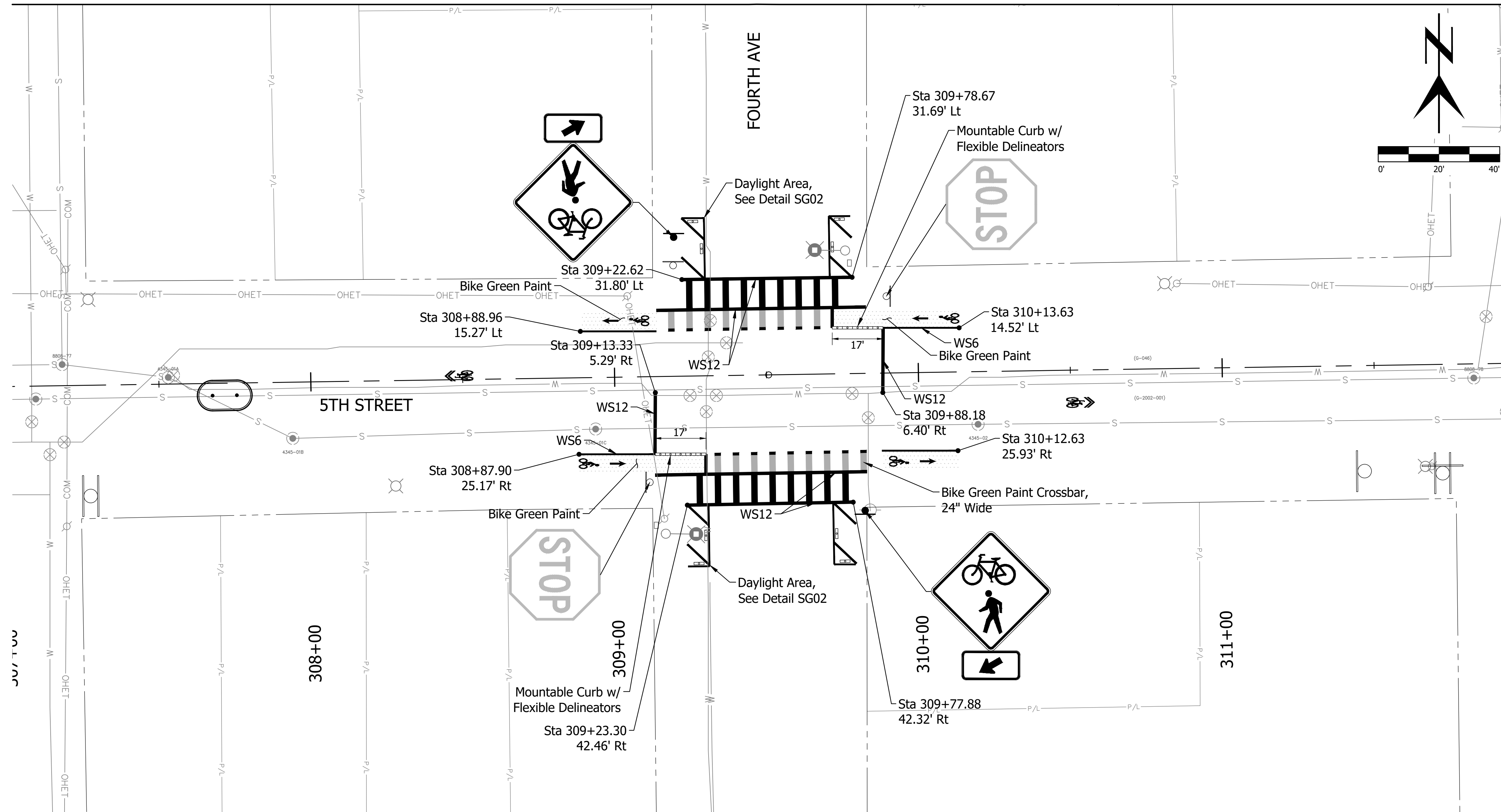
TRANSPORTATION DIRECTOR

REF. _____ SCALE: 1"=20'

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



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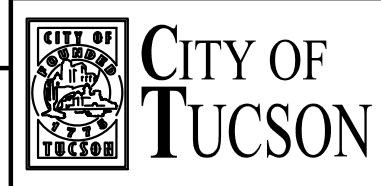


PAVEMENT MARKING AND SIGNING NOTES

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SG10 OF SG12

KITTELSON & ASSOCIATES
 2 E CONGRESS STREET, SUITE 705
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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

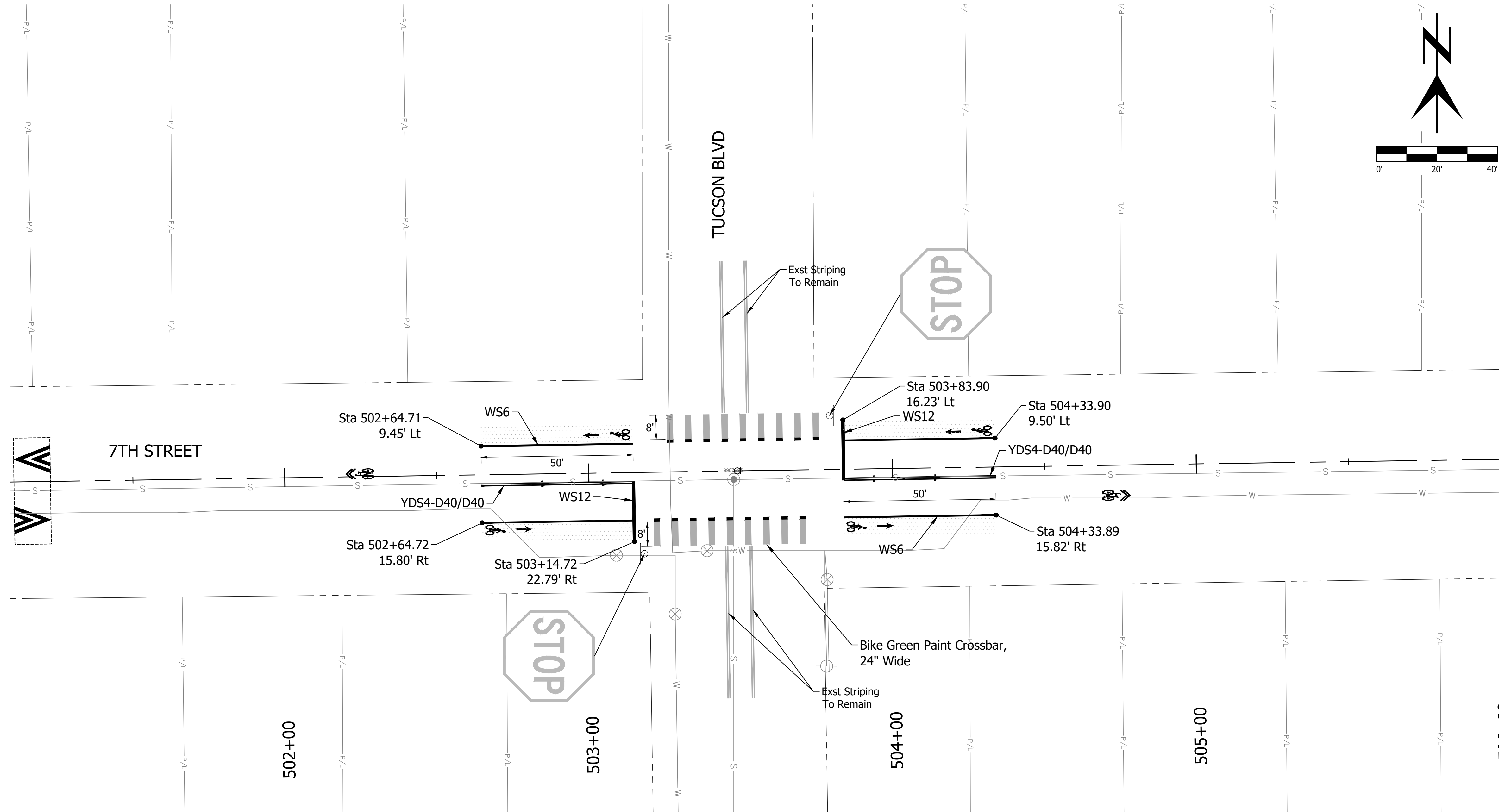
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 CONSTRUCTION
 OR RECORDING

APPROVALS	SIGNATORY	DATE	APPROVED	DATE

REF. _____ SCALE: **1"=20'**
 TRANSPORTATION DIRECTOR
 PLAN NO. **U-2022-006**

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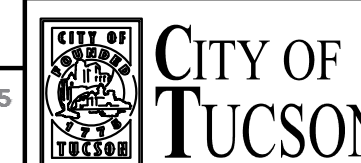


PAVEMENT MARKING AND SIGNING NOTES

- Contractor shall remove any thermoplastic markings from sewer manhole covers. The cost will be incidental to the project.
- For additional pavement marking and signing information not shown on this sheet see PCDOT/COT Signing and Marking Standards.
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SG12 OF SG12

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 P 520.544.4067 F 520.544.9616



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
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TRANSPORTATION DIRECTOR
 REF. _____ SCALE: 1"=20'
 PLAN NO. **U-2022-006**



APPROVED _____ 20__
 OF
 76
 TRANSPORTATION DIRECTOR

9TH AVENUE WAYFINDING SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
98+42	31' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
98+44	29' Lt	BB-10	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
98+93	32' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
108+13	23' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
108+62	26' Rt	BB-11	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
108+63	22' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
109+23	554' Lt	BB-14	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
110+25	30' Lt	BB-13	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
113+39	21' Rt	BB-15	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
114+53	549' Rt	BB-12	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
114+64	27' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
114+65	24' Lt	BB-11	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
115+14	28' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
127+34	23' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
127+84	23' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
145+08	23' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
145+48	23' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
150+19	24' Rt	BB-9	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
151+25	13' Lt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
153+97	28' Rt	BB-9	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
154+03	26' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
154+53	25' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
155+84	21' Lt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
156+00	32' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
156+50	33' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
184+72	24' Rt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
184+72	23' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
185+24	22' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		

9TH AVENUE WAYFINDING SIGNS


Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
185+60	322' Lt	BB-9	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
185+66	322' Lt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
185+79	51' Lt	BB-9	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
188+83	146' Lt	BB-9	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
188+91	48' Lt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6	XI	1	P-1	12		
188+98	131' Lt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
189+60	21' Lt	BB-8	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
189+94	21' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
190+44	22' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
203+26	22' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
213+55	23' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
214+05	22' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
216+49	22' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
216+99	23' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
225+86	22' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
226+36	21' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
227+15	22' Rt	BB-16	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
227+99	738' Lt	BB-17	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
229+54	37' Lt	BB-18	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
233+56	16' Rt	BB-18	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
235+13	734' Rt	BB-17	Bike Blvd Wayfinding (See SG04)	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 SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
236+14	22' Rt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
244+83	21' Lt	BB-2	9th Avenue - Catro Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
245+47	21' Lt	R2-1(25)	SPEED LIMIT 25	-	X	-	30	36	7.50	XI	-	-	-	REMOVE	
		BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8	XI	-	-	-		

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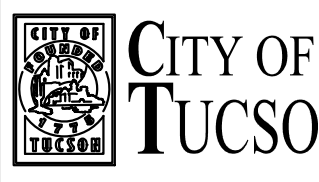
Notes

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SM01 OF SM10



2 E CONGRESS STREET, SUITE 705
TUCSON, AZ 85701
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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

SIGN SUMMARY SHEETS

APPROVALS	SIGNATORY	DATE	
APPROVED _____ 20__			48
TRANSPORTATION DIRECTOR			76
REF. _____		SCALE: _____	
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>U-2022-006</u>

5TH STREET WAYFINDING SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
301+28	34' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
301+94	35' Rt	BB-3	5th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
307+88	27' Lt	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	XI	1	P-1	12		
311+28	37' Rt	BB-3	5th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
327+18	27' 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	XI	1	P-1	12		
328+80	3' Lt	BB-7	Metro Style Bike Blvd	X	-	-	120	18	15.00	XI	-	-	-	Affix to Signal Pole	
		Special	Metro Style Bike Crossing See TS04	-	-	X	-	-	-	-	-	-	-	Affix to Signal Pole	

9TH STREET WAYFINDING SIGNS

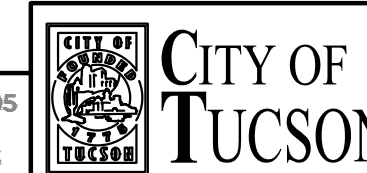
Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
401+62	26' Lt	BB-19	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
401+84	36' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
402+70	35' Rt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	-	-	-	Affix to Lamp Post	
404+26	33' Rt	BB-20	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	-	-	-	Affix to Lamp Post	
405+17	25' Lt	BB-21	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	-	-	-	Affix to Lamp Post	
417+00	26' Lt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
417+52	26' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
418+63	10' Rt	BB-7	Metro Style Bike Blvd	X	-	-	120	18	15.00	XI	-	-	-	Affix to Signal Pole	
		Special	Metro Style Bike Crossing See TS04	X	-	-	-	-	-	-	-	-	-	Affix to Signal Pole	
419+25	3' Lt	SPECIAL	Metro Style Bike Crossing See TS04	X	-	-	-	-	-	-	-	-	-	Affix to Signal Pole	
421+01	36' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
421+51	36' Rt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
427+65	34' Rt	BB-20	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
429+52	27' Lt	BB-21	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
443+21	26' Lt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
443+79	26' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
443+79	34' Rt	BB-22	Bike Blvd Wayfinding (See SG04)	X	-	-	24	36	6.00	XI	1	P-1	12		
445+99	35' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
446+00	26' Lt	BB-23	Bike Blvd Wayfinding (See SG04)	X	-	-	24	48	8.00	XI	1	P-1	12		
446+65	35' Rt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
465+07	28' Lt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	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	Metro Style Bike Blvd	X	-	-	120	18	15.00	XI	-	-	-	Affix to Signal Pole	
		Special	Metro Style Bike Crossing See TS04	-	-	X	-	-	-	-	-	-	-		
468+43	40' Rt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	1	P-1	12		
470+13	27' Rt	BB-4	9th Street - 7th Street Bike Blvd	X	-	-	24	36	6.00	XI	1	P-1	12		
479+03	20' Lt	BB-1	Bicycle Boulevard SPEED LIMIT 20	X	-	-	24	48	8.00	XI	-	-	-		
		R1-2 (25)	SPEED LIMIT 25	-	X	-	24	48	8	XI	-	-	-	REMOVE	

H:\24\24513 - Tucson Bicycle And Pedestrian On-call\02 - RTA Bicycle Boulevard Package \Design\CD\24513.002-CD-07-0-SGN-SUM.dwg 02 - Last Saved: Fri, 17 Nov 2023 5:35:13 PM By:Bheim Plotted:Friday, November 17, 2023 5:35:13 PM

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.

SM02 OF SM10



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

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

PRELIMINARY
100%
 REVIEW
 NOT FOR
 CONSTRUCTION
 OR RECORDING

APPROVALS	SIGNATORY	DATE

APPROVED _____ 20__ OF 76
 TRANSPORTATION DIRECTOR
 REF. _____ SCALE: _____
 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006



9TH AVENUE REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
99+57	29' Rt	SPRO4-10	KEEP RIGHT	X	-	-	18	24	3	XI	-	-	-		
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
99+82	55' Lt	SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-1	Stop	X	-	-	30	30	6.25	XI	-	-	-		
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
100+25	43' Rt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-1	Stop	X	-	-	30	30	6.25	XI	-	-	-		
100+33	29' Lt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3	XI	-	-	-		
104+35	27' Rt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3	XI	-	-	-		
104+57	53' Lt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-1	Stop	X	-	-	30	30	6.25	XI	-	-	-		
105+02	31' Rt	SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		R1-1	Stop	X	-	-	30	30	6.25	XI	-	-	-		
105+08	23' Lt	SPRO4-10	KEEP RIGHT	X	-	-	18	24	3	XI	-	-	-		
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
105+75	22' Rt	W17-1 Mod W13-1P (15)	Speed Humps Ahead Advisory Speed 15 MPH	X	-	-	30	30	6.25	XI	1	P-1	12		
				X	-	-	18	18	2.25	XI	-	-	-		
109+08	21' Rt	R1-1	Stop	X	-	-	30	30	6.25	XI	1	P-1	12	Install New Post	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2	XI	-	-	-		
109+31	511' Lt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
109+63	51' Rt	R1-1	Stop	X	-	-	30	30	6.25	XI	1	P-1	12	Install New Post	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2	XI	-	-	-		
109+97	16' Lt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
111+42	17' Rt	W17-1 Mod W13-1P (15)	Speed Humps Ahead Advisory Speed 15 MPH	X	-	-	30	30	6.25	XI	1	P-1	12		
				X	-	-	18	18	2.25	XI	-	-	-		
111+73	28' Lt	R1-1	Stop	-	-	X	30	30	6.25	XI	-	-	-	REMAIN	
112+04	19' Rt	R1-1	Stop	-	-	X	30	30	6.25	XI	-	-	-	REMAIN	


9TH AVENUE REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
113+74	28' Lt	W17-1 Mod W13-1P (15)	Speed Humps Ahead Advisory Speed 15 MPH	X	-	-	30	30	6.25	XI	1	P-1	12		
				X	-	-	18	18	2.25	XI	-	-	-		
113+82	7' Rt	R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3	XI	-	-	-		
114+02	38' Lt	R1-1	Stop	X	-	-	30	30	6.25	XI	1	P-1	12	Install New Post	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2	XI	-	-	-		
114+55	20' Lt	R1-1	Stop	X	-	-	30	30	6.25	XI	1	P-1	12	Install New Post	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2	XI	-	-	-		
115+89	29' Rt	W17-1 Mod W13-1P (15)	Speed Humps Ahead Advisory Speed 15 MPH	X	-	-	30	30	6.25	XI	1	P-1	12		
				X	-	-	18	18	2.25	XI	-	-	-		
117+98	23' Lt	W17-1 Mod W13-1P (15)	Speed Humps Ahead Advisory Speed 15 MPH	X	-	-	30	30	6.25	XI	1	P-1	12		
				X	-	-	18	18	2.25	XI	-	-	-		
118+65	22' Rt	SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
118+84	44' Lt	R1-1	Stop	X	-	-	30	30	6.25	XI	1	P-1	12	Install New Post	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2	XI	-	-	-		
119+15	32' Rt	R1-1	Stop	X	-	-	30	30	6.25	XI	1	P-1	12	Install New Post	
		SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2	XI	-	-	-		
119+42	12' Lt	SPRO4-10	KEEP RIGHT	-	-	X	18	24	3	XI	-	-	-	REMAIN	
		R1-2	Yield	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
123+43	22' Rt	R1-1	Stop	-	-	X	30	30	6.25	XI	-	-	-	REMAIN	
123+94	43' Rt	D11-1	Bike Route	-	X	-	24	18	3	XI	-	-	-	REMOVE	
124+01	22' Lt	R1-1	Stop	-	-	X	30	30	6.25	XI	-	-	-	REMAIN	
124+04	22' Rt	W17-1 W13-1P W17-1 W13-1P	Speed Hump Ahead Advisory Speed 15 MPH Speed Hump Ahead Advisory Speed 15 MPH	X X - -	- - X X	- - - -	30 18 30 18	30 18 30 18	6.25 2.25 6.25 2.25	XI XI XI XI	- - - -	- - - -	- - - -		


H:\24124513 - Tucson Bicycle And Pedestrian On-call\002 - RTA Bicycle Boulevard Package - Design - CD\24124513\002-CD-07-0-SIGN-SUM.dwg 04 - Last Saved: Fri, 17 Nov 2023 5:35:18 PM By:Bhenn Plotted:Friday, November 17, 2023 5:35:18 PM

Notes

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



CITY OF TUCSON

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

PRELIMINARY

100%

REVIEW NOT FOR CONSTRUCTION OR RECORDING

APPROVALS	SIGNATORY	DATE

APPROVED _____ 20__

TRANSPORTATION DIRECTOR

REF. _____ SCALE: _____

PLAN NO. **U-2022-006**

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

DRWN. BY **BDH** 20 **23** DSGN. BY **BDH** 20 **23** CHKD. BY **FLG** 20 **23**

9TH AVENUE REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
142+34	22' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
142+48	40' Lt	W11-15	Bicycle & Pedestrian	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W16-7P (Lt)	Downward Diagonal Arrow (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
143+03	40' Rt	W11-15	Bicycle & Pedestrian	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W16-7P (Lt)	Downward Diagonal Arrow (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
143+18	27' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
146+19	51' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	1	P-1	12	
146+40	19' Rt	R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
146+54	34' Lt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
146+93	35' Rt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
147+06	21' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
148+82	500' Rt	R8-3	No Parking (symbol)	X	-	-	-	24	24	4	XI	1	P-1	12	
154+74	28' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
154+79	51' Rt	R8-3	No Parking (symbol)	X	-	-	-	24	24	4	XI	+	-	-	
155+21	33' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
156+71	27' Rt	W3-1	Stop Ahead	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
158+59	22' Rt	R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
158+72	37' Lt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
159+16	33' Rt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
159+30	20' Lt	R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
162+51	20' Rt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	1	P-1	12	
162+67	32' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	

9TH AVENUE REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
163+08	36' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
163+25	21' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	1	P-1	12	
166+62	40' Lt	R1-2	Yield	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
167+04	32' Rt	R1-2	Yield	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
170+43	21' Rt	R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
170+56	38' Lt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
170+97	39' Rt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
171+14	22' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
174+37	20' Rt	R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
174+48	37' Lt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
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	XI	-	-	-	REMOVE
178+24	19' Rt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	1	P-1	12	
178+44	34' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
178+85	35' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	-	-	-	
179+08	21' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3	XI	1	P-1	12	
182+22	22' Rt	R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
182+81	35' Rt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	1	P-1	12	
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	-	-	-	
182+89	21' Lt	R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE

H:\24\24513 - Tucson Bicycle And Pedestrian On-call\002 - RTA Bicycle Boulevard Package (Design)\CD\24513.002-CD-070-SIGN-SUM.dwg 05 Last Saved: Fri, 17 Nov 2023 5:35:22 PM By:Bhain Plotted:Friday, November 17, 2023 5:35:22 PM

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.



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

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

PRELIMINARY
100%
 REVIEW
 NOT FOR
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 OR RECORDING

APPROVALS	SIGNATORY	DATE	APPROVED	DATE

TRANSPORTATION DIRECTOR

REF. _____ SCALE: _____

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



5TH STREET REGULATORY SIGNS

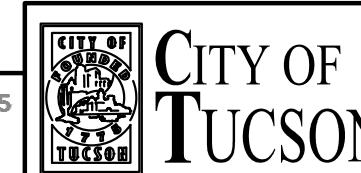
Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
318+70	47' Rt	W17-1 Mod	Speed Humps Ahead	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
		W13-1P (15)	Advisory Speed 15 MPH	-	-	X	-	18	18	2.25	XI	-	-	-	REMAIN
318+72	42' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	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	XI	-	-	-	REMAIN
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	R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	Install New Post
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPR04-10	KEEP RIGHT	-	-	X	-	18	24	3	XI	-	-	-	REMAIN
323+96	54' Rt	R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	Install New Post
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		SPR04-10	KEEP RIGHT	-	-	X	-	18	24	3	XI	-	-	-	REMAIN
324+10	25' Lt	SPR04-10	KEEP RIGHT	-	-	X	-	18	24	3.00	XI	-	-	-	REMAIN
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
326+68	27' Lt	W17-1 Mod	Speed Humps Ahead	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		W13-1P (15)	Advisory Speed 15 MPH	-	X	-	-	18	18	2.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	XI	-	-	-	
		W13-1P (15)	Advisory Speed 15 MPH	X	-	-	-	18	18	2.25	XI	-	-	-	
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
327+67	11' Rt	R4-7	Keep Right (Symbol)	-	-	X	-	24	30	5.00	XI	-	-	-	REMAIN
327+88	36' Rt	SPECIAL	Bicycles Exempt	-	-	X	-	-	-	-	-	-	-	-	REMAIN
		R3-5 (Rt)	Right Turn Only	-	-	X	-	30	36	7.50	XI	-	-	-	REMAIN
327+95	32' Rt	R1-1	Stop	-	-	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)	-	-	X	-	24	24	4.00	XI	-	-	-	REMAIN

H:\24\24513 - Tucson Bicycle And Pedestrian On-call\02 - RTA Bicycle Boulevard Package - Design - CD\24513.002-CD-07-0-SIGN-SUM.dwg 08 Last Saved: Fri, 17 Nov 2023 5:35:36 PM By:Bhenn Plotted Friday, November 17, 2023 5:35:36 PM

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.

SM08 OF SM10



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

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

PRELIMINARY
100%
 REVIEW
 NOT FOR
 CONSTRUCTION
 OR RECORDING

APPROVALS	SIGNATORY	DATE	APPROVED	SCALE

REF. _____ SCALE: _____
 TRANSPORTATION DIRECTOR
 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006



9TH STREET REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
410+16	37' Rt	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	-	-	-		
413+94	28' Lt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
414+46	45' Rt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
414+67	20' Lt	SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	1	P-1	12		
416+47	27' 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	-	-	-		
417+17	34' Rt	R8-3a (MOD)	No Parking Here to Corner	X	-	-	24	30	4.00	XI	-	-	-	Affix to Lamp Post	
		R4-4	Begin Right Turn Lane Yield To Bikes	X	-	-	36	30	7.50	XI	-	-	-		
417+73	35' Rt	R3-5R	Right Turn Only	X	-	-	30	36	7.50	XI	1	P-1	12		
417+85	25' Lt	R8-3a (MOD)	No Parking Here to Corner	X	-	-	24	30	4.00	XI	1	P-1	12		
418+40	11' Rt	R4-7	Keep Right (Symbol)	X	-	-	24	30	5.00	XI	1	P-1	12		
418+41	3' Lt	SPECIAL	Bicycle Yield to Vehicle	X	-	-	12	18	1.50	XI	1	P-1	12		
		R9-3CP	RIDE WITH TRAFFIC	X	-	-	12	12	1.00	XI	-	-	-		
418+52	34' Rt	R1-1	Stop	-	-	X	30	30	6.25	XI	-	-	-	REMAIN	
		R3-5R	Right Turn Only	X	-	-	30	36	7.50	XI	-	-	-		
418+55	3' Lt	R4-7	Keep Right (Symbol)	X	-	-	24	30	5.00	XI	-	-	-	Affix to Signal Pole	
418+65	115' Lt	W11-2	Pedestrian	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		W11-15	Bicycle & Pedestrian	X	-	-	30	30	6.25	XI	-	-	-		
		W4-4P Mod	Be Prepared to Stop	-	-	X	24	12	2.00	XI	-	-	-	REMAIN	
419+26	201' Rt	W11-15	Bicycle & Pedestrian	X	-	-	30	30	6.25	XI	-	-	-		
		W4-4P Mod	Be Prepared to Stop	-	-	X	24	12	2.00	XI	-	-	-	REMAIN	
		W11-2	Pedestrian	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
419+35	10' Rt	R4-7	Keep Right (Symbol)	X	-	-	24	30	5.00	XI	-	-	-	Affix to Signal Pole	
419+36	26' Lt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		R3-5R	Right Turn Only	X	-	-	30	36	7.50	XI	-	-	-		
419+58	2' Lt	R4-7	Keep Right (Symbol)	X	-	-	24	30	5.00	XI	1	P-1	12		
419+68	10' Rt	SPECIAL	Bicycle Yield to Vehicle	X	-	-	12	18	1.50	XI	1	P-1	12		
		R9-3CP	RIDE WITH TRAFFIC	X	-	-	12	12	1.00	XI	-	-	-		
420+11	35' Rt	R8-3a (MOD)	No Parking Here to Corner	X	-	-	24	30	4.00	XI	1	P-1	12		

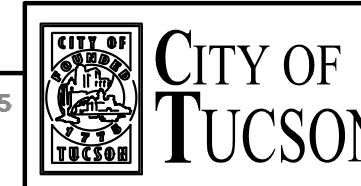
9TH STREET REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
420+20	26' Lt	R3-5R	Right Turn Only	X	-	-	30	36	7.50	XI	1	P-1	12		
420+97	25' Lt	R4-4	Begin Right Turn Lane Yield To Bikes	X	-	-	36	30	7.50	XI	1	P-1	12		
		R8-3a (MOD)	No Parking Here to Corner	X	-	-	24	30	4.00	XI	-	-	-		
422+01	36' Rt	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	-	-	-		
424+74	27' 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	-	-	-		
425+81	34' Rt	W3-1	Stop Ahead	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
428+15	34' Rt	SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
		R1-1	Stop	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
		R1-3P	All Way (Plaque)	-	X	-	18	6	0.75	XI	-	-	-	REMOVE	
428+31	42' Lt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
428+76	47' Rt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
		R1-3P	All Way (Plaque)	-	X	-	18	6	0.75	XI	-	-	-	REMOVE	
428+93	14' Lt	SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
		R1-3P	All Way (Plaque)	-	X	-	18	6	0.75	XI	-	-	-	REMOVE	
		R1-1	Stop	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
430+81	26' Lt	W3-1	Stop Ahead	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
453+75	13' Rt	R1-1	Stop	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
453+86	39' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		R1-1	Stop	X	-	-	30	30	6.25	XI	-	-	-		
454+33	26' Rt	R1-1	Stop	X	-	-	30	30	6.25	XI	-	-	-		
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
454+50	27' Lt	R1-1	Stop	-	X	-	30	30	6.25	XI	-	-	-	REMOVE	
458+35	39' Lt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		
458+70	42' Rt	R1-1	Stop	-	-	X	30	30	6.25	XI	1	P-1	12	Install New Post	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	24	12	2.00	XI	-	-	-		
		SPRO4-10	KEEP RIGHT	X	-	-	18	24	3.00	XI	-	-	-		

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Notes

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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
 SIGN SUMMARY SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

PRELIMINARY
100%
 REVIEW
 NOT FOR
 CONSTRUCTION
 OR RECORDING

APPROVALS	SIGNATORY	DATE

APPROVED _____ 20__
 TRANSPORTATION DIRECTOR
 REF. _____ SCALE: _____
 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006



9TH STREET REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
469+05	29' Rt	W17-1 Mod	Speed Humps Ahead	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		W13-1P (15)	Advisory Speed 15 MPH	-	X	-	-	18	18	2.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	XI	-	-	-	
		W13-1P (15)	Advisory Speed 15 MPH	X	-	-	-	18	18	2.25	XI	-	-	-	
471+75	26' Rt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3.00	XI	-	-	-	
		R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
471+83	27' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		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	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3.00	XI	-	-	-	
472+26	35' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		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	-	-	-	
		SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3.00	XI	-	-	-	
472+36	18' Lt	SPRO4-10	KEEP RIGHT	X	-	-	-	18	24	3.00	XI	-	-	-	
		R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
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	-	-	-	
485+33	19' Rt	R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
		R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
485+41	31' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		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	-	-	-	
485+87	26' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	1	P-1	12	Install New Post
		R1-3P	All Way (Plaque)	-	X	-	-	18	6	0.75	XI	-	-	-	REMOVE
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
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	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
490+70	17' Lt	W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
494+69	25' Rt	R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
494+77	30' Lt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	

9TH STREET REGULATORY SIGNS

Station	Offset	Sign Code	Legend	New	Exist			Width (in)	Height (in)	Area (sq. ft.)	Min. Sheeting Type	Number of Posts	Post Type	Total length (ft)	Location / Remarks
					Remove	Remain	Relocate								
495+11	34' Rt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	1	P-1	12	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
495+20	19' Lt	R1-1	Stop	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
496+39	27' Rt	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	-	-	-	
499+19	27' Lt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	-	-	-	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
499+67	35' Rt	R1-1	Stop	X	-	-	-	30	30	6.25	XI	-	-	-	
		W4-4P	CROSS TRAFFIC DOES NOT STOP (plaque)	X	-	-	-	24	12	2	XI	-	-	-	
		R1-2	Yield	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
501+59	15' Lt	W17-1 Mod	Speed Humps Ahead	-	X	-	-	30	30	6.25	XI	-	-	-	REMOVE
		W13-1P (15)	Advisory Speed 15 MPH	-	X	-	-	18	18	2.25	XI	-	-	-	REMOVE
		W17-1 Mod	Speed Humps Ahead	X	-	-	-	30	30	6.25	XI	-	-	-	
		W13-1P (15)	Advisory Speed 15 MPH	X	-	-	-	18	18	2.25	XI	-	-	-	
503+18	27' Rt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	REMAIN
503+80	18' Lt	R1-1	Stop	-	-	X	-	30	30	6.25	XI	-	-	-	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	X	-	-	-	18	18	2.25	XI	-	-	-	
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	X	-	-	-	18	18	2.25	XI	-	-	-	

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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.



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

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

PRELIMINARY
100%
 REVIEW
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APPROVALS	SIGNATORY	DATE	APPROVED	DATE

REF. _____ SCALE: _____
 DRWN. BY BDH 20 23 DSGN. BY BDH 20 23 CHKD. BY FLG 20 23 PLAN NO. U-2022-006



GENERAL TRAFFIC SIGNAL AND LIGHTING NOTES

- 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.
- 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.
- 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.
- Only new conduit and cable shall be installed, unless otherwise specified.
- 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.
- Any conduit installed shallower than the minimum below finished grade shall be encased in concrete per Standard Specification 732-3.01 (G).
- All new and existing conduits shall be cleaned by compressed air and a properly sized conduit piston or mandrel prior to cable installation.
- 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.
- 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.
- High voltage cables should be separated from low voltage cables as much as possible.
- A (#14) AWG 16 conductor IMSA cable shall be installed from each traffic signal terminal strip (unspliced) to the traffic signal cabinet.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- The contractor shall contact Arizona 811 at 1-800-782-5348 a minimum of 48 hours prior to any excavation.
- 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.
- The traffic signal operation at existing signalized intersections shall be maintained throughout the duration of the project.
- 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

- 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.
- All pedestrian 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 (unspliced) 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.
- 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.
- All mast arm signal heads shall have the yellow metal housing with black aluminum louvered backplates.
- Luminaires shall be American Electric Lighting LED Autobahn ATB2 Series, 173W, 120V, Type 3, 3000 KCCT with a 7-pin Roam Node connector.

RESPONSIBILITIES

- 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.
- 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.
- 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.

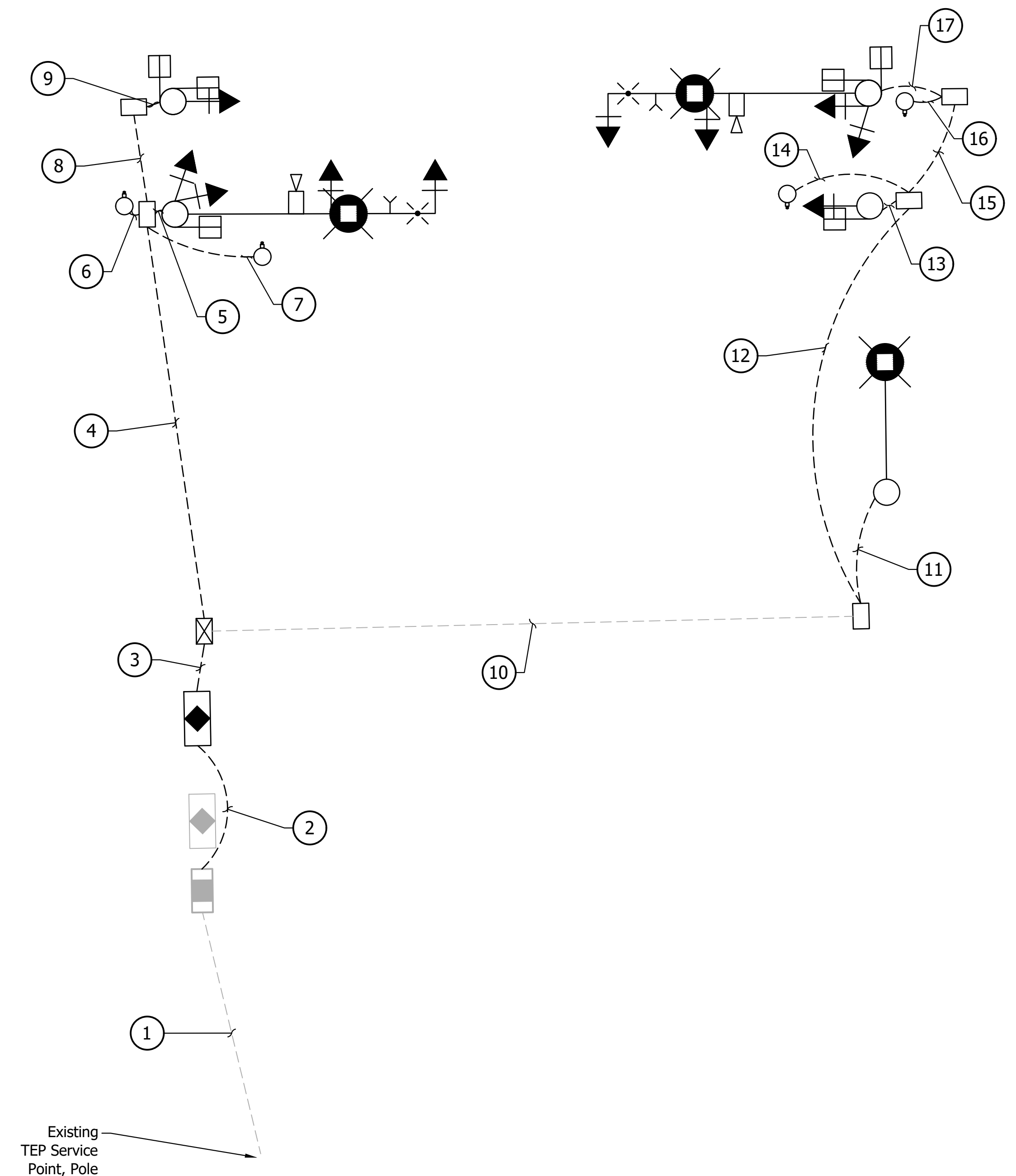
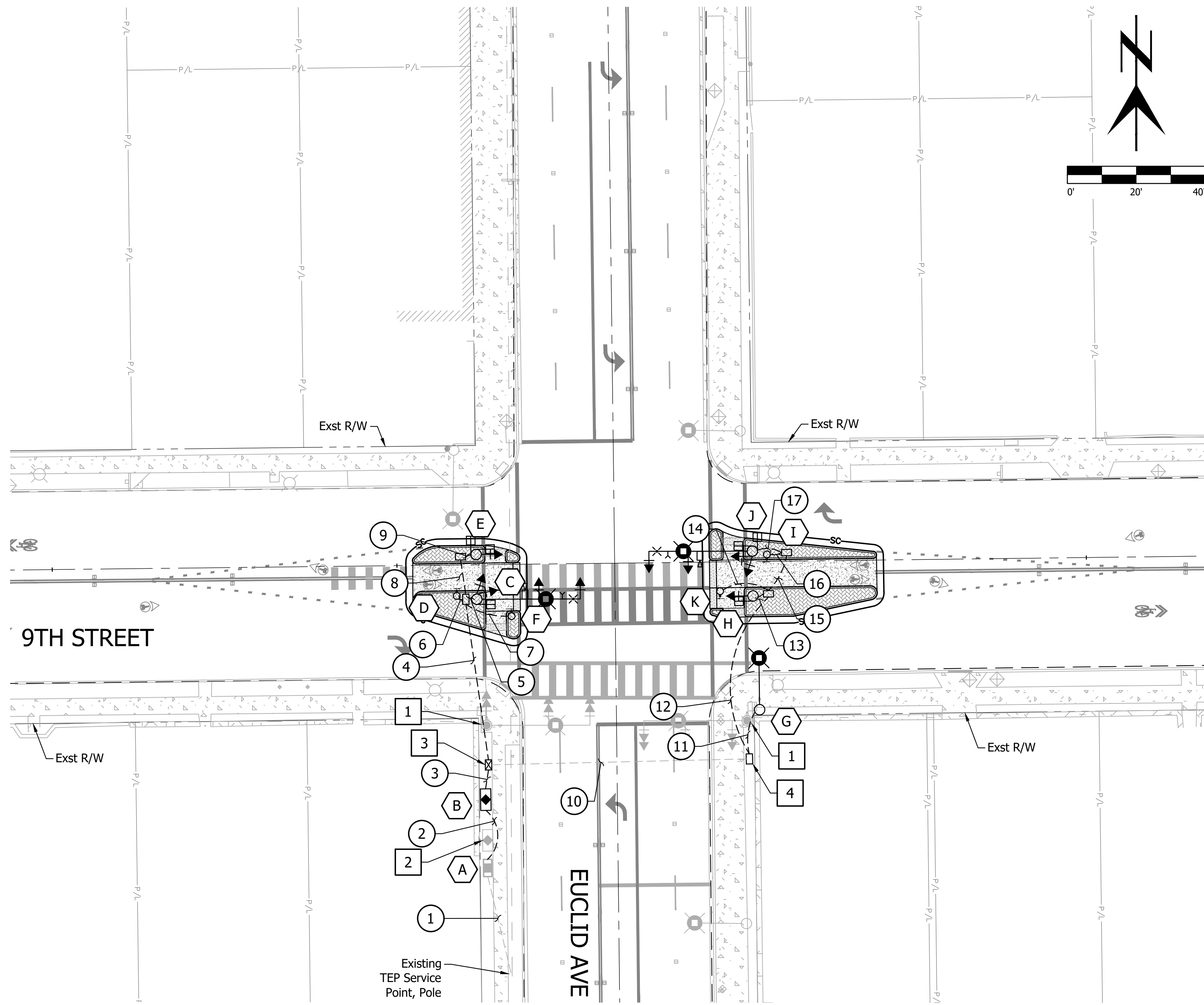
LEGEND	PROPOSED	EXISTING
Traffic Control Cabinet with Foundation		
Metered Service Pedestal with Foundation		
Traffic Signal Pole		
Traffic Signal Face		
Pedestrian Signal		
Bicycle Signal		
Pushbutton		
Luminaire Pole		
Pull Box No. 3-1/2		
Pull Box No. 5		
Pull Box No. 7		
Pull Box No. 7 with Extension		

TS01 OF TS04

 2 E CONGRESS STREET, SUITE 705 TUCSON, AZ 85701 P 520.544.4067 F 520.544.9616		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 TRAFFIC SIGNAL AND LIGHTING GENERAL NOTES			
		PRELIMINARY 100% REVIEW NOT FOR CONSTRUCTION OR RECORDING	APPROVALS _____ _____ _____	SIGNATORY _____ _____ _____	DATE _____ _____ _____
NO. DATE REVISION DESCRIPTION BY CHKD. APPR.	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>U-2022-006</u>			

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H:\24\2453.3 - Tucson Bicycle And Pedestrian On-call\02 - RTA Bicycle Boulevard Package \design\CD\2453.3\02-CD-08-0-TRAFFIC SIGNAL.dwg 02-EUCID Last Saved: Fri, 17 Nov 2023 5:37:26 PM

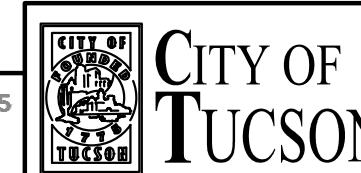


CONSTRUCTION NOTES

- 1 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.
- 3 Remove and replace No. 7 Pull Box with Extension.
- 4 Remove and replace No. 7 Pull Box.

TS02 OF TS04

KITTELSON & ASSOCIATES
 2 E CONGRESS STREET, SUITE 705
 TUCSON, AZ 85701
 P 520.544.4067 F 520.544.9616



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
TRAFFIC SIGNAL PLAN SHEETS

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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 CONSTRUCTION
 OR RECORDING

APPROVALS	SIGNATORY	DATE	APPROVED	NO.
				59
				OF
				76
TRANSPORTATION DIRECTOR				
REF. SCALE: 1"=20'				
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>U-2022-006</u>	



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

POLE SCHEDULE										
POLE	MAST ARM	SIGNALS		PED/BIKE PUSHBUTTON	LUMINAIRE	LOCATION	REMARKS			
NUMBER	TYPE	SIGNAL	LUMINAIRE	FACE	MOUNTING					
C		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		PPB POST - TYPE I T 419	-	-	-	-	(1) TYPE I 2" ADA T 1101 BIKE T 1103	-	418+49.58 9.0' Rt	
E		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		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	-	20'	-	-	-	SEE EQUIPMENT NOTE 5 SHT TS01	419+37.02 43.0' Rt	
H		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		PPB POST - TYPE I T 419	-	-	-	-	(1) TYPE I 2" ADA T 1101 BIKE T 1103	-	419+39.66 2.0' Lt	
J		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		PPB POST - TYPE I T 419	-	-	-	-	(1) TYPE I 2" ADA T 1101 R10-4b(L) T 1104	-	49+25.98 8.5' Rt	

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.

CONDUIT AND CONDUCTOR SCHEDULE																		
CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
CONDUIT SIZE (INCHES)	2 1/2	2	3(4)	2(4)	3	2	2	2(4)	2	2(4)*	2	2(4)	2	2	2(4)	2	3	
CIRCUIT PHASE	EXIST SERVICE CONDUCTORS																	
#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																		
#14 7CC IMSA			4	2		1	1			2		2		1	1	1		
#8 BARE			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
#10 THW	STREET LIGHT CIRCUIT #1 (BLACK)			1	1	1				1	1							
	STREET LIGHT CIRCUIT #2 (RED)			1						1		1			1		1	
	STREET LIGHT COMMON (WHITE)			1	1	1				1	1	1			1		1	
	PRE-EMT BEACON			1	1	1	1			1	1	1			1		1	
#4 THW	POWER HOT (RED) (BLACK)			2														
	POWER NEUTRAL (WHITE)			1														
TOMAR M913	PRE-EMPT SENSOR			1	1	1	1			1		1			1		1	
	PRE-EMPT SENSOR			1	1	1	1			1		1			1		1	
TERRA 3 CABLE	VIDEO DETECTION CABLE			2	1	1				1		1			1		1	

*REUSE EXISTING 4" CONDUIT, INSTALL SECOND 4" CONDUIT.

TS03 OF TS04

KITTELSON & ASSOCIATES
 2 E CONGRESS STREET, SUITE 705
 TUCSON, AZ 85701
 P 520.544.4067 F 520.544.9616

CITY OF TUCSON

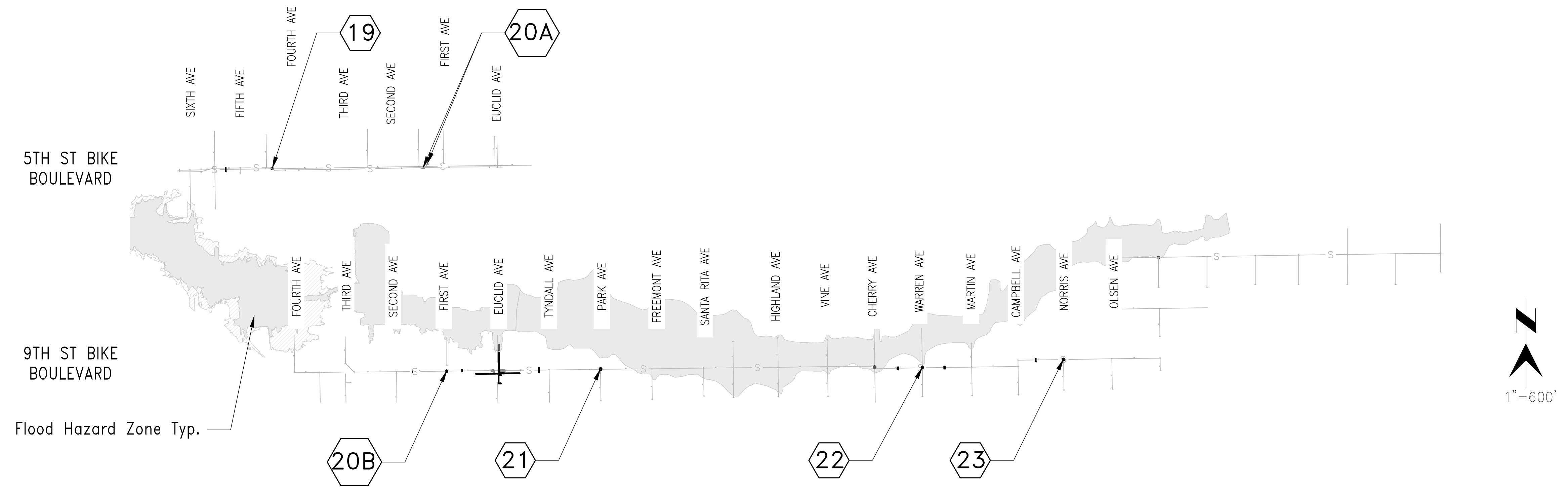
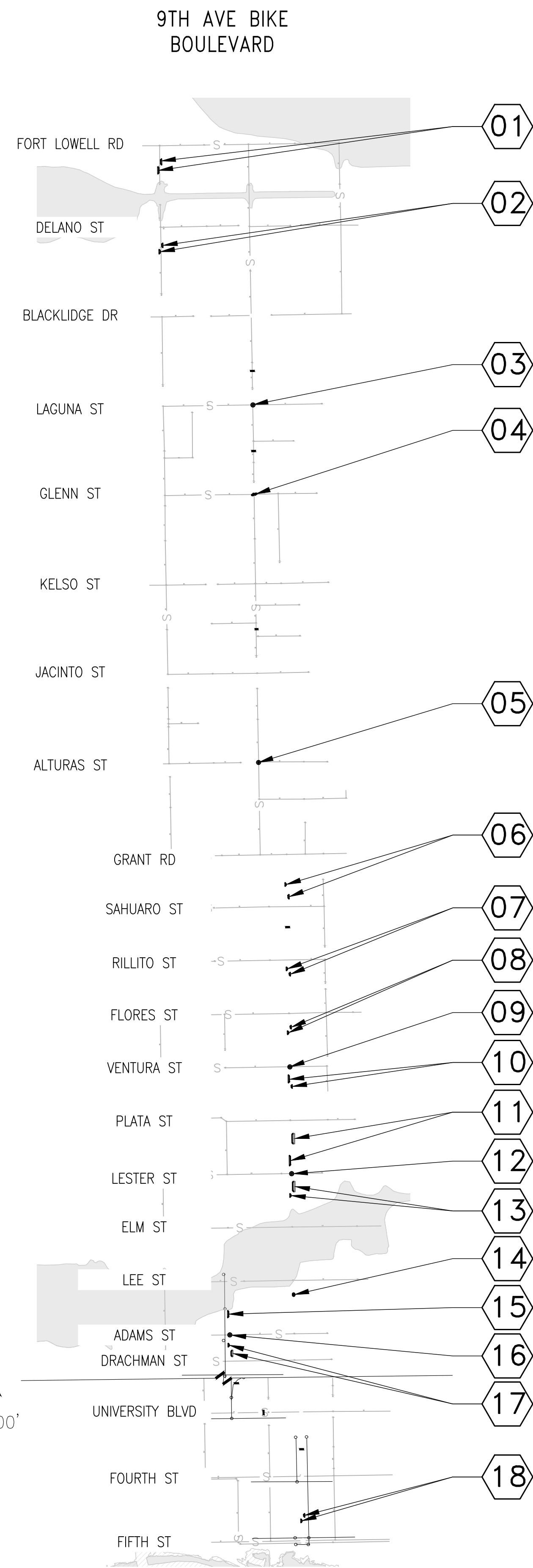
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION
9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS
 SAINT MARYS RD TO FORT LOWELL RD, 6TH AVE TO EUCLID AVE, AND 4TH AVE TO TREAT AVE
TRAFFIC SIGNAL PLAN SHEETS

APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__	60
			TRANSPORTATION DIRECTOR	76
REF. _____	SCALE: _____			
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>U-2022-006</u>	

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

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 REVIEW
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 CONSTRUCTION
 OR RECORDING

LANDSCAPE KEY MAP



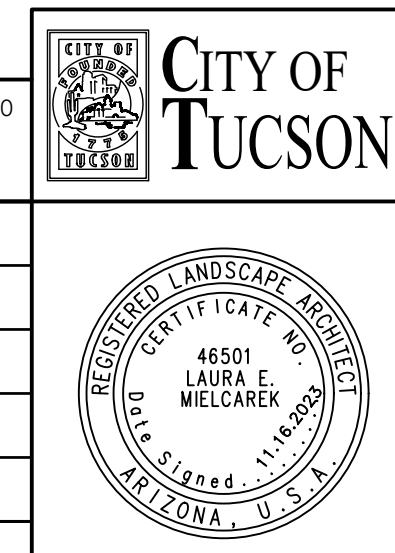
- 01 Chicanes at Balboa Avenue between Fort Lowell Road and Delano Street, Refer to Sheet LP3-01.
- 02 Chicanes at Balboa Avenue between Delano Street and Blacklidge Drive, Refer to Sheet LP3-01.
- 03 Traffic circle at Castro Avenue and Laguna Street, Refer to Sheet LP3-02.
- 04 Center islands at Castro Avenue and Glenn Street, Refer to Sheet LP3-02.
- 05 Traffic circle at Castro Avenue and Alturas Street, Refer to Sheet LP3-02.
- 06 Chicanes at 9th Avenue between Grant Road and Sahuaro Street, Refer to Sheet LP3-03.
- 07 Chicanes at 9th Avenue between Rillito Street and Flores Street, Refer to Sheet LP3-03.
- 08 Chicanes at 9th Avenue between Flores Street and Ventura Street, Refer to Sheet LP3-04.
- 09 Traffic circle at 9th Avenue and Ventura Street, Refer to Sheet LP3-04.
- 10 Chicanes at 9th Avenue between Ventura Street and Plata Street, Refer to Sheet LP3-05.
- 11 Chicanes at 9th Avenue between Plata Street and Lester Street, Refer to Sheet LP3-05 and Sheet LP3-06.
- 12 Traffic circle at 9th Avenue and Lester Street, Refer to Sheet LP3-06.
- 13 Chicanes at 9th Avenue between Lester Street and Elm Street, Refer to Sheet LP3-07.
- 14 Center island at 9th Avenue between Lee Street and Adams Street, Refer to Sheet LP3-07.
- 15 Chicane at 10th Avenue between Lee Street and Adams Street, Refer to Sheet LP3-08.
- 16 Traffic circle at 10th Avenue and Adams Street, Refer to Sheet LP3-08.
- 17 Chicanes at 10th Avenue between Adams Street and Drachman Street, Refer to Sheet LP3-08.
- 18 Chicanes at 9th Avenue between 4th Street and 5th Street, Refer to Sheet LP3-09.
- 19 Center island at 5th Street between 5th Avenue and 4th Avenue, Refer to Sheet LP3-09.
- 20A Chicanes at 5th Street between 2nd Avenue and 1st Avenue, Refer to Sheet LP3-10.
- 20B Traffic circle at 9th Street and 1st Avenue, Refer to Sheet LP3-10.
- 21 Center island at 9th Street and Park Avenue, Refer to Sheet LP3-10.
- 22 Center island at 9th Street and Warren Avenue, Refer to Sheet LP3-11.
- 23 Traffic circle at 9th Street and Norris Avenue, Refer to Sheet LP3-11.

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LP1-02 of LP1-02

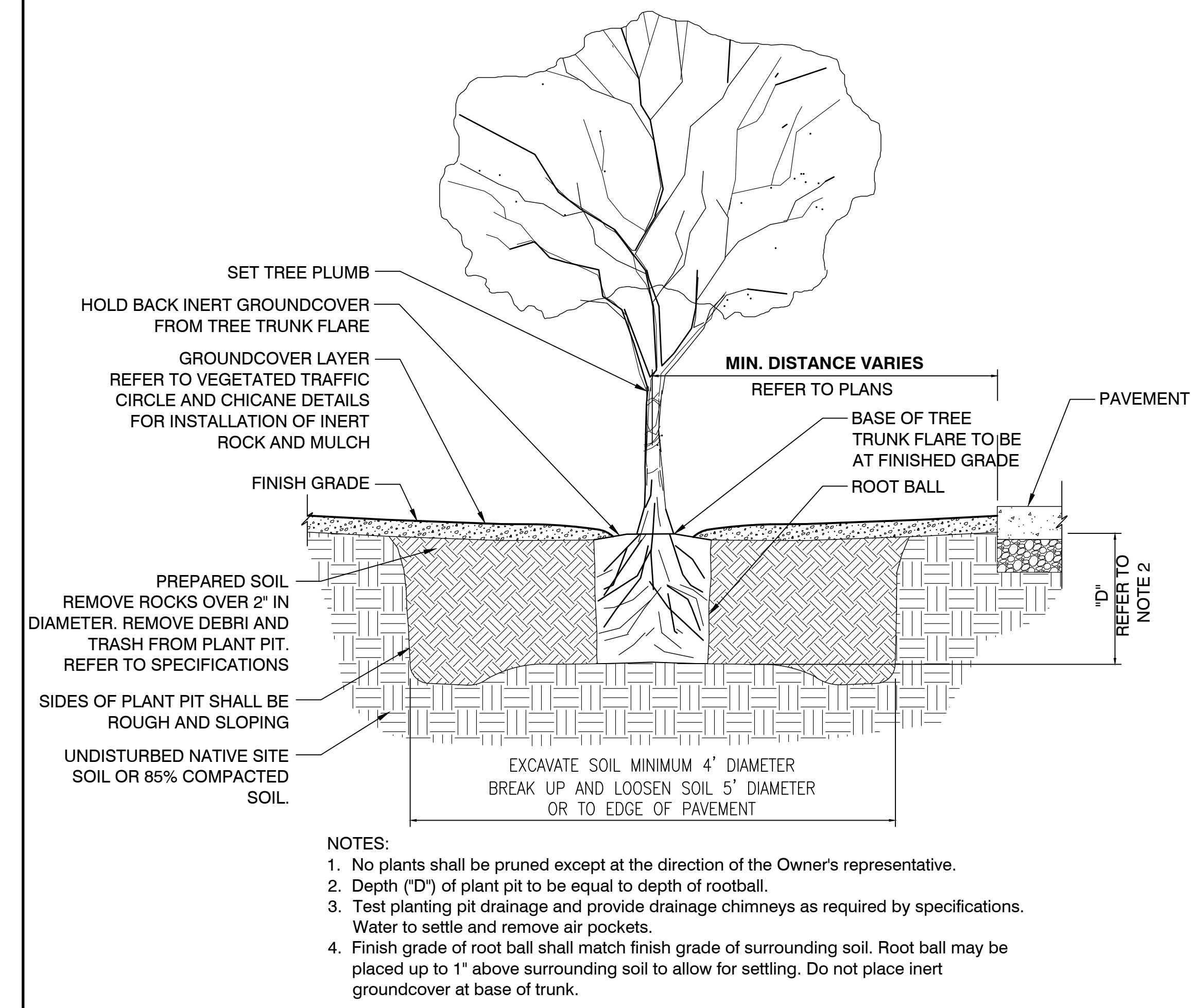


WHEAT DESIGN GROUP		500 N. TUCSON BLVD, SUITE 150 TUCSON ARIZONA 85714 T: 520 884 7911	
LANDSCAPE ARCHITECTS			
NO.	DATE	REVISION DESCRIPTION	BY
			CHKD.
			APPR.



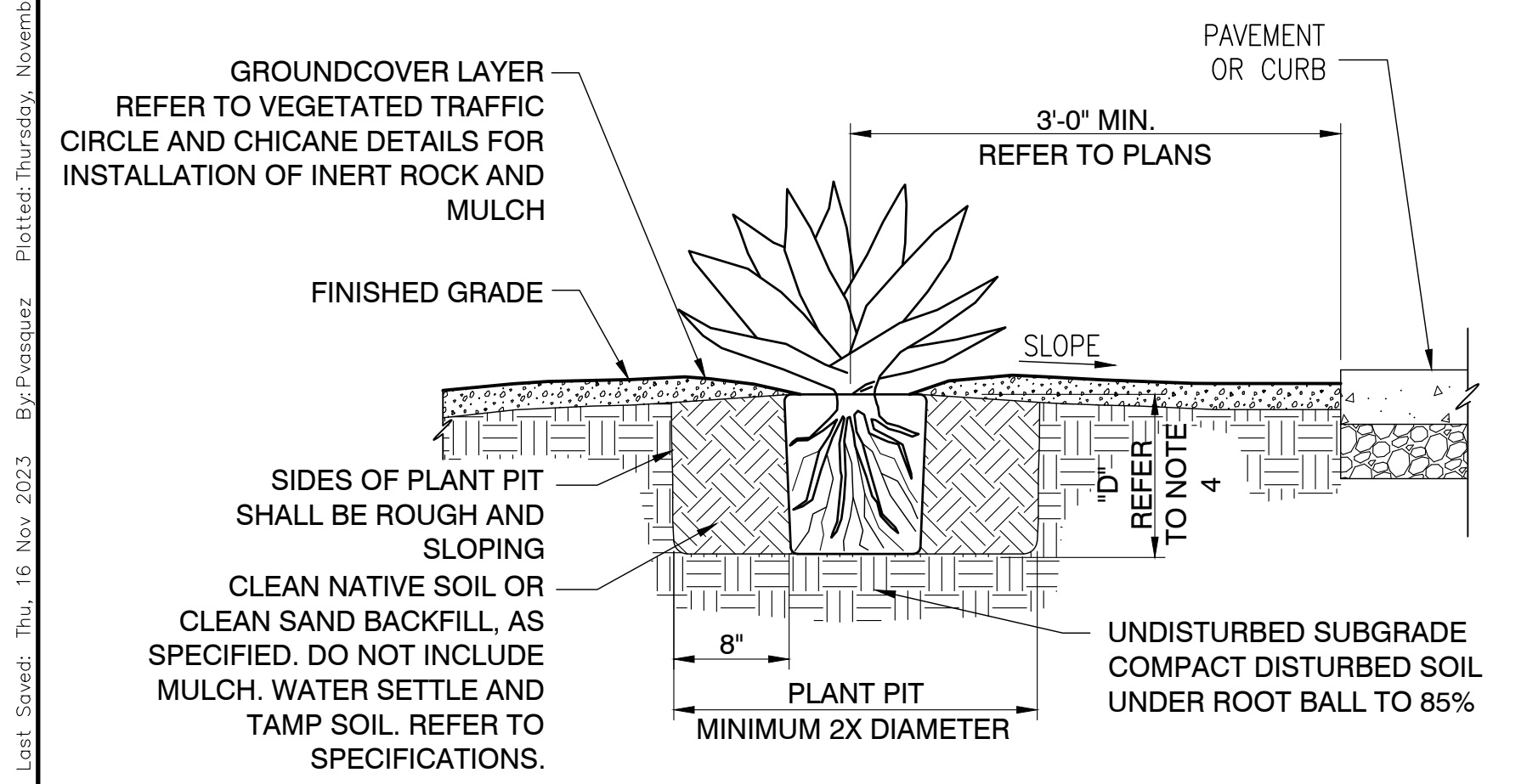
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION			
9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS			
SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE			
Landscape Key Map			
APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__
			63
			OF
			76
			TRANSPORTATION DIRECTOR
			REF. _____ SCALE: _____
DRWN. BY	WDC	20 23	DSGN. BY
	WDC	20 23	CHKD. BY
	LM	20 23	
			PLAN NO. U-2022-006

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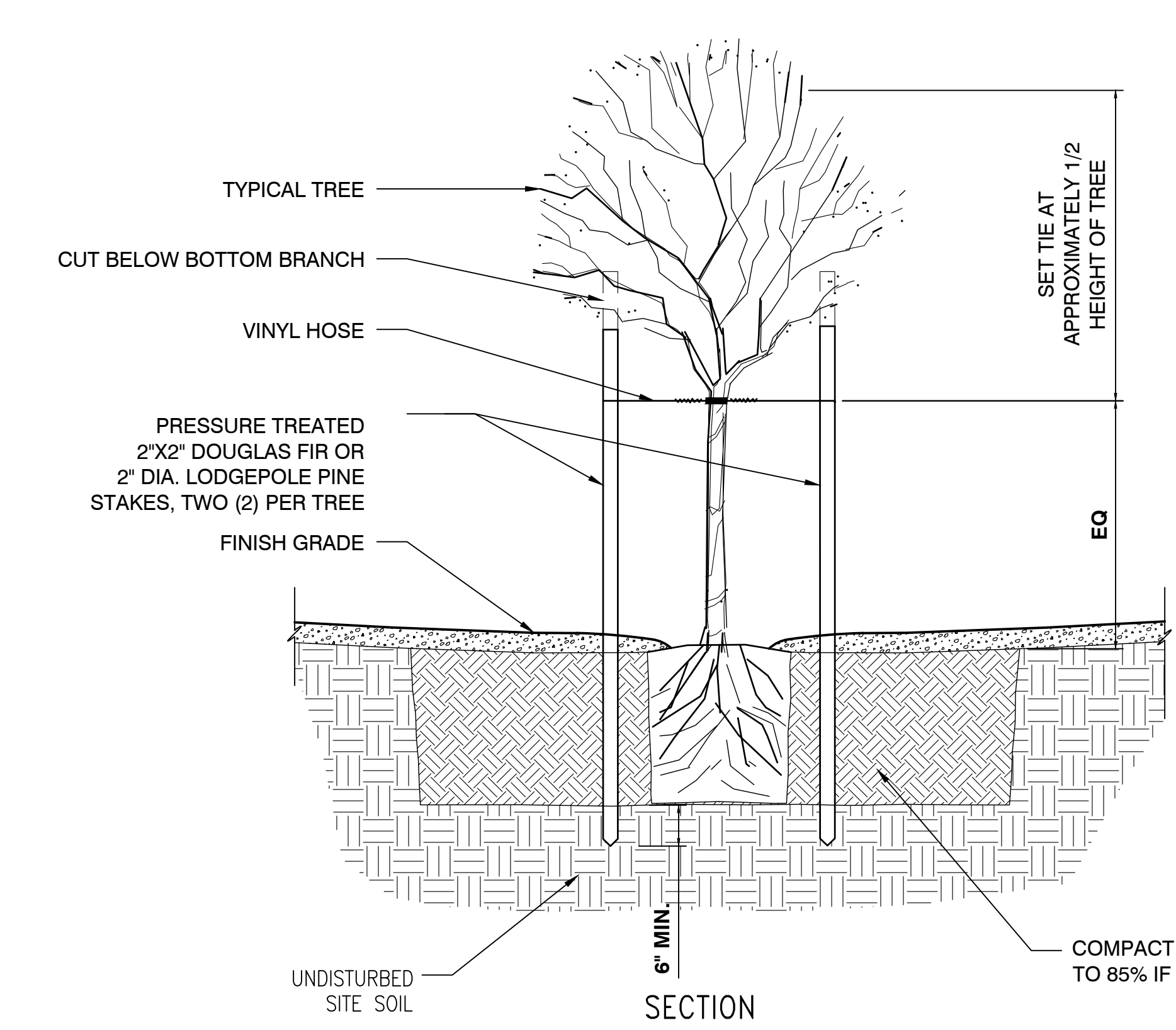
- NOTES:**
1. No plants shall be pruned except at the direction of the Owner's representative.
 2. Depth ("D") of plant pit to be equal to depth of rootball.
 3. Test planting pit drainage and provide drainage chimneys as required by specifications. Water to settle and remove air pockets.
 4. Finish 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 inert groundcover at base of trunk.

1 TREE PLANTING DETAIL
N.T.S.

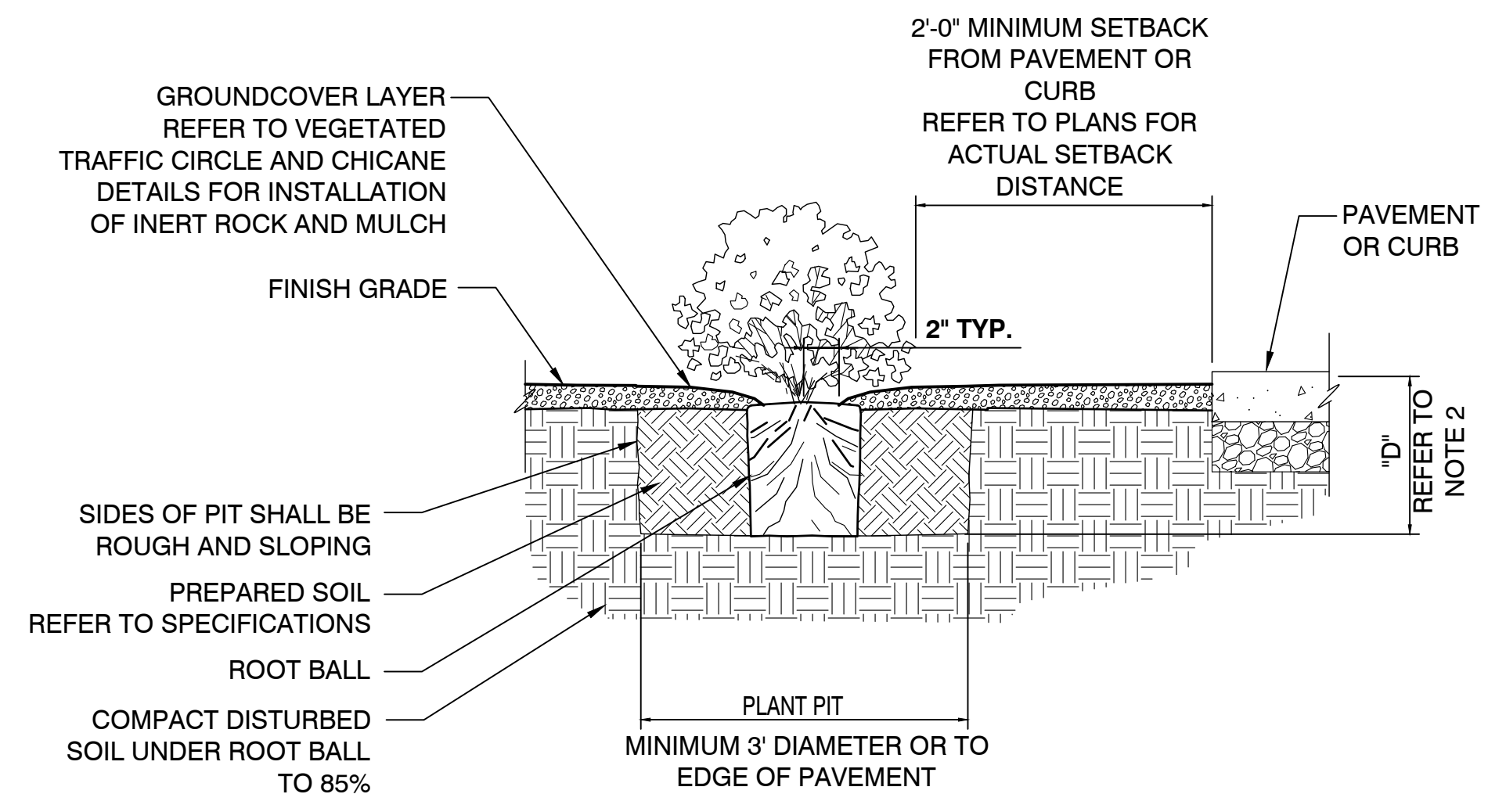


- NOTES:**
1. This detail applies to nursery grown stock of the Genera agave, aloë, dasylyrilion, hesperaloe, nolina and yucca.
 2. Do not create a basin at base of plant. Slope backfill away from stem.
 3. Set stem succulent so that top of root ball matches adjacent grade.
 4. Depth ("D") of plant pit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

3 AGAVE AND SUCCULENT PLANTING
N.T.S.

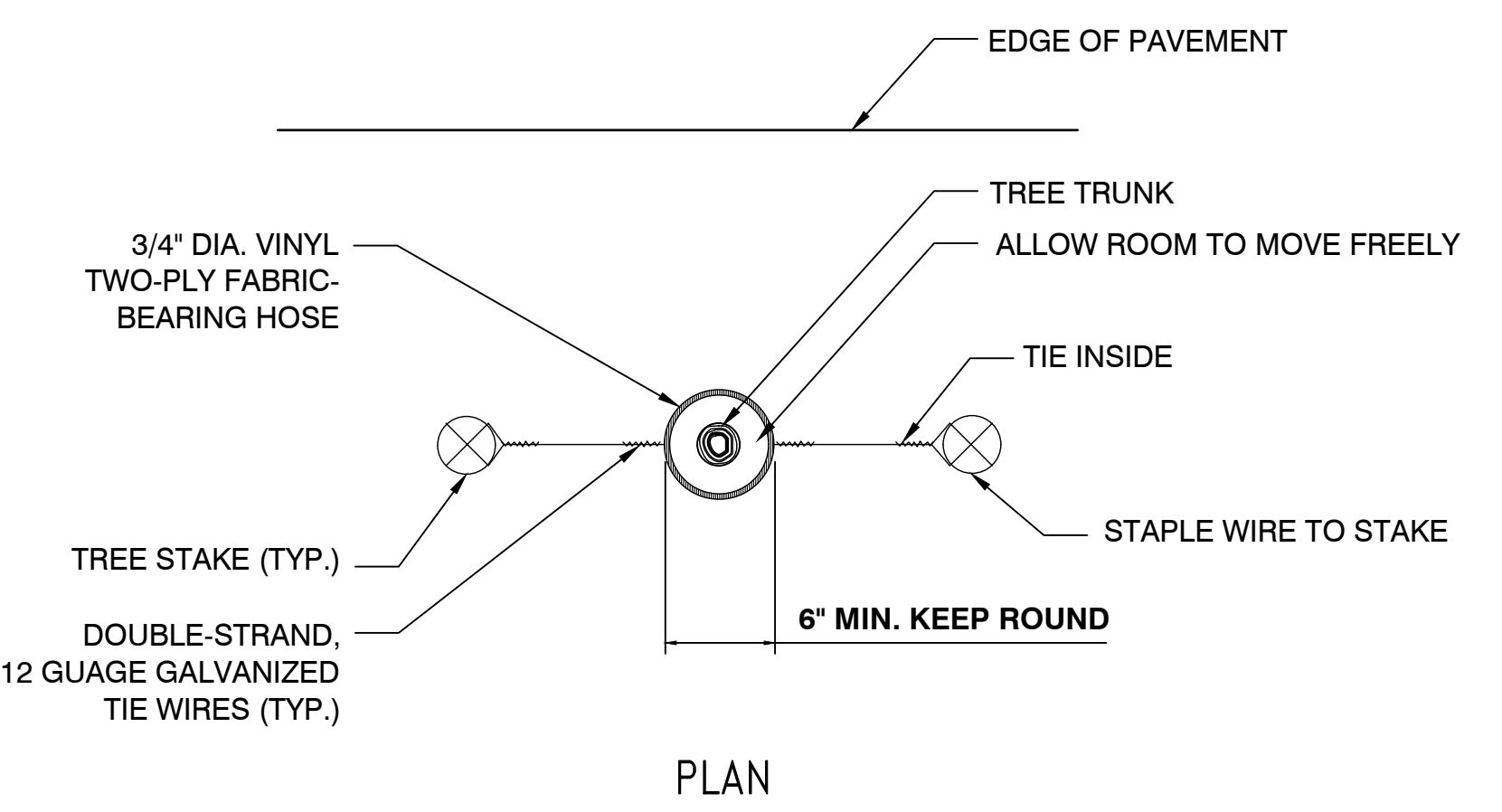


2 TREE STAKING DETAIL
N.T.S.



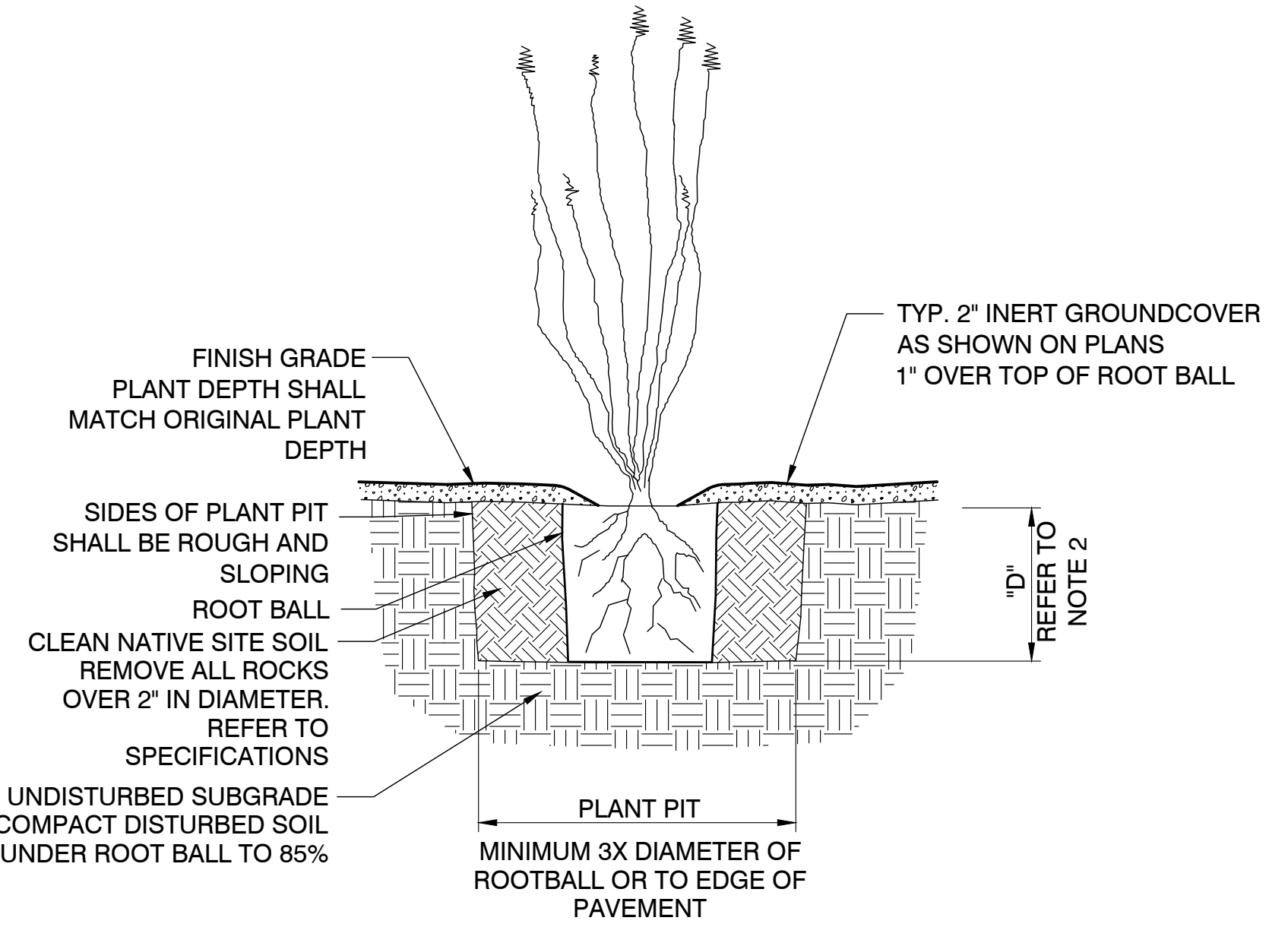
- NOTES:**
1. No plants shall be pruned except at the direction of the owner's representative.
 2. Depth ("D") of plant pit to be equal to depth of rootball.
 3. Test planting pit drainage and provide drainage chimneys as required by specifications.
 4. Finish grade of root ball shall match finish grade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

4 SHRUB PLANTING DETAIL
N.T.S.



- NOTES:**
1. No plants shall be pruned except at the direction of the owner's representative.
 2. Remove all nursery staking. Trees unable to stand upright unaided will be rejected.
 3. Stake tree only if needed, per direction of Owner's representative.
 4. Set stakes parallel to sidewalk or street where applicable.

5 OCOTILLO PLANTING (CONTAINER GROWN)
N.T.S.

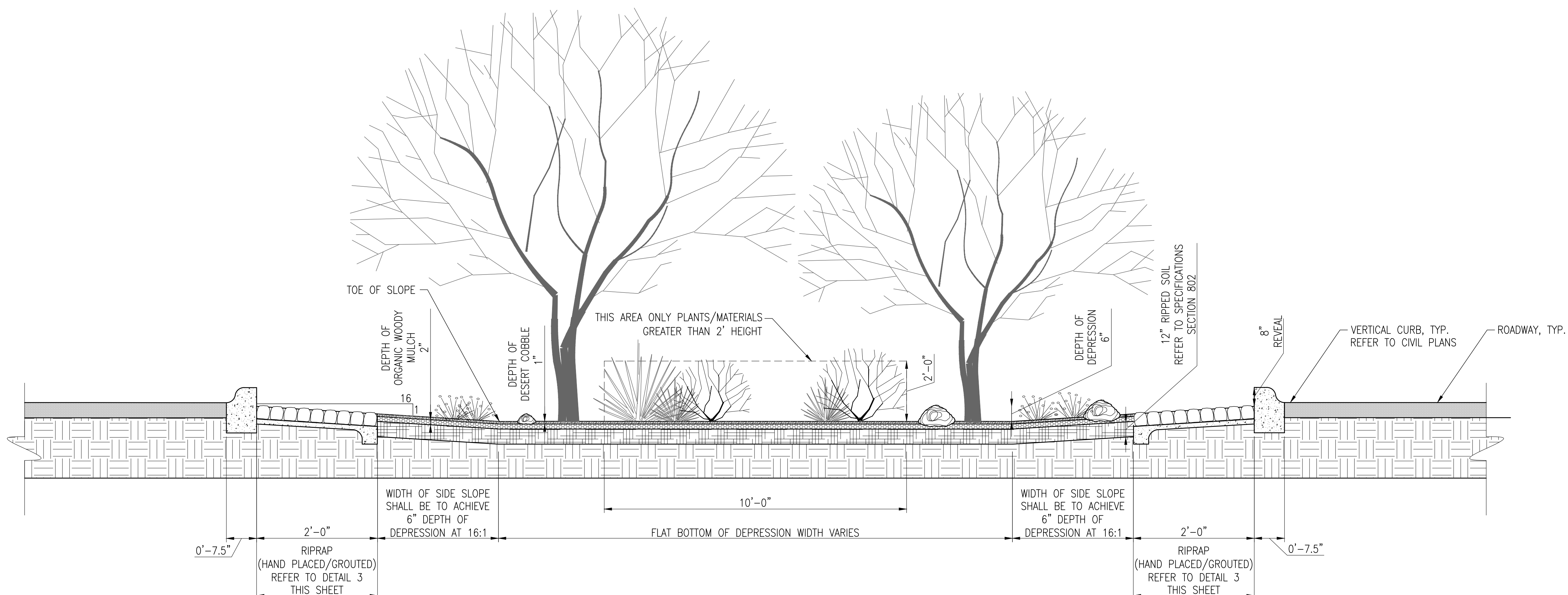


- NOTES:**
1. No plants shall be pruned except at the direction of the Owner's representative.
 2. Depth ("D") of plant pit to be equal to depth of rootball.
 3. Test planting pit drainage and provide drainage chimneys as required by Specifications.
 4. Finish grade of root ball shall match finish grade 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.

LP2-01 of LP2-02

WHEAT DESIGN GROUP LANDSCAPE ARCHITECTS 500 N. TUCSON BLVD, SUITE 150 TUCSON ARIZONA 85714 T: 520 884 7911		CITY OF TUCSON REGISTERED LANDSCAPE ARCHITECT 48501 LAURA E. MIELCAREK 11-18-2023 ARIZONA U.S.A.	DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 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 Details							
NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.	APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__	64
										OF
										76
									TRANSPORTATION DIRECTOR	
									REF. _____ SCALE: _____	
						DRWN. BY WDC 20 23	DSGN. BY WDC 20 23	CHKD. BY LM 20 23	PLAN NO. U-2022-006	

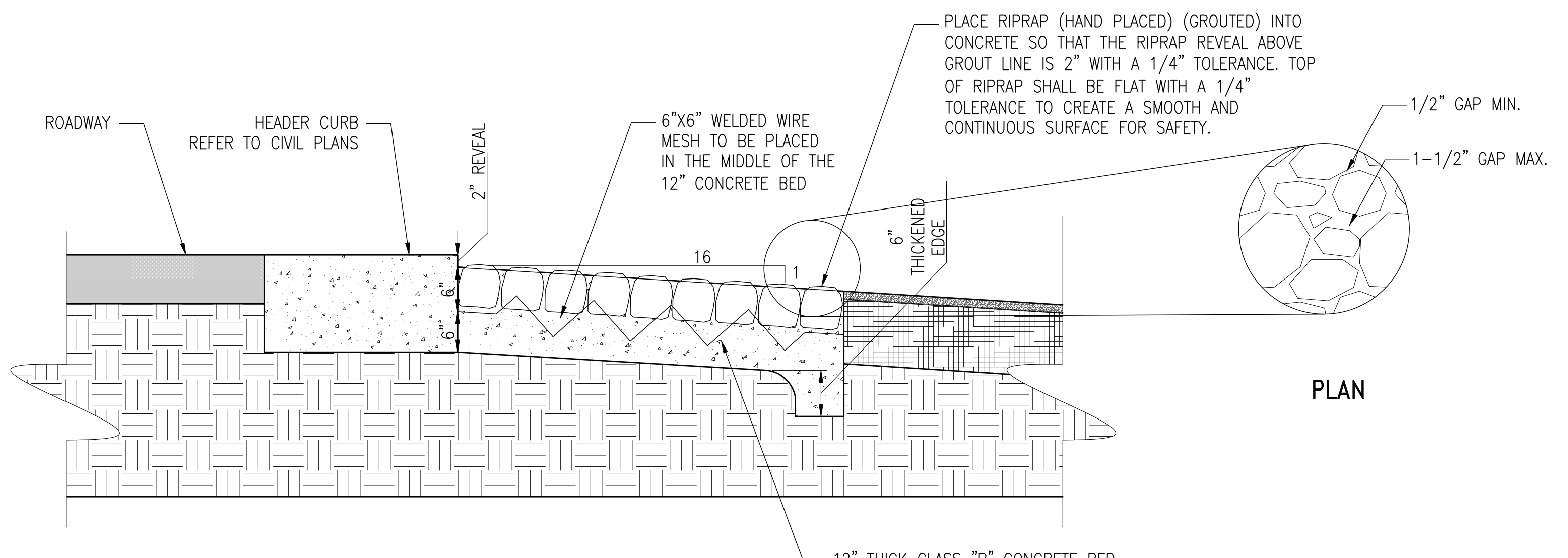
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- NOTES:**
- Traffic circle diameters vary. Refer to Civil Plans.
 - Boulders shall not be placed on top of riprap.
 - Slopes to receive riprap shall be graded at 16:1 prior to placing the concrete bed.
 - Desert cobble shall be installed at a depth of 1".
 - Organic woody mulch shall be installed at a depth of 2" prior to installing desert cobble. Refer to hardscape schedule for material notes.

1 VEGETATED TRAFFIC CIRCLE SECTION

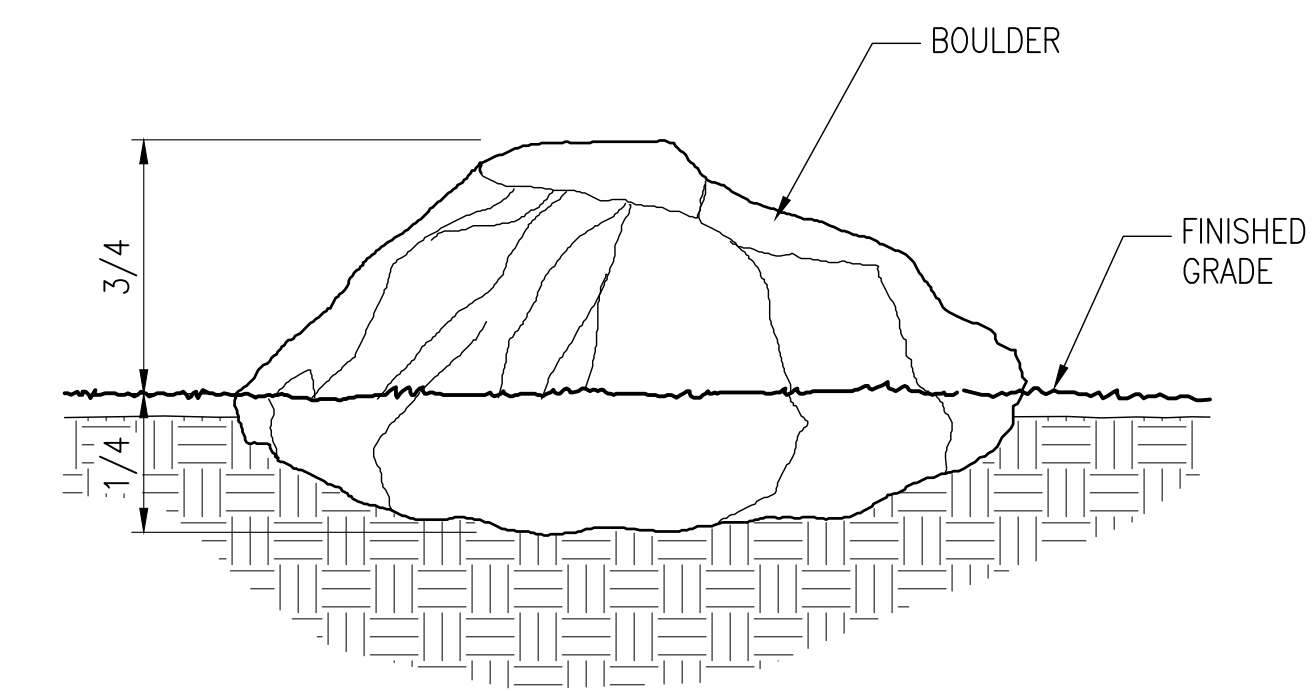
1/2"=1'-0"



- NOTES:**
- Riprap (hand placed) (grouted) shall vary between 4" and 6" and angular. River rock shall not be used.
 - Riprap (hand placed) (grouted) shall be hand placed in 12" thick concrete bed with 1/2" min to 1-1/2" max. space between rocks.
 - Riprap (hand placed) (grouted) color shall be Santa Fe Brown or approved equal.
 - Welded wire mesh shall be installed to reinforce strength of concreted bed.
 - Refer to Item 9130009 of the Special Provisions for additional information.

3 RIPRAP (HAND PLACED) (GROUTED)

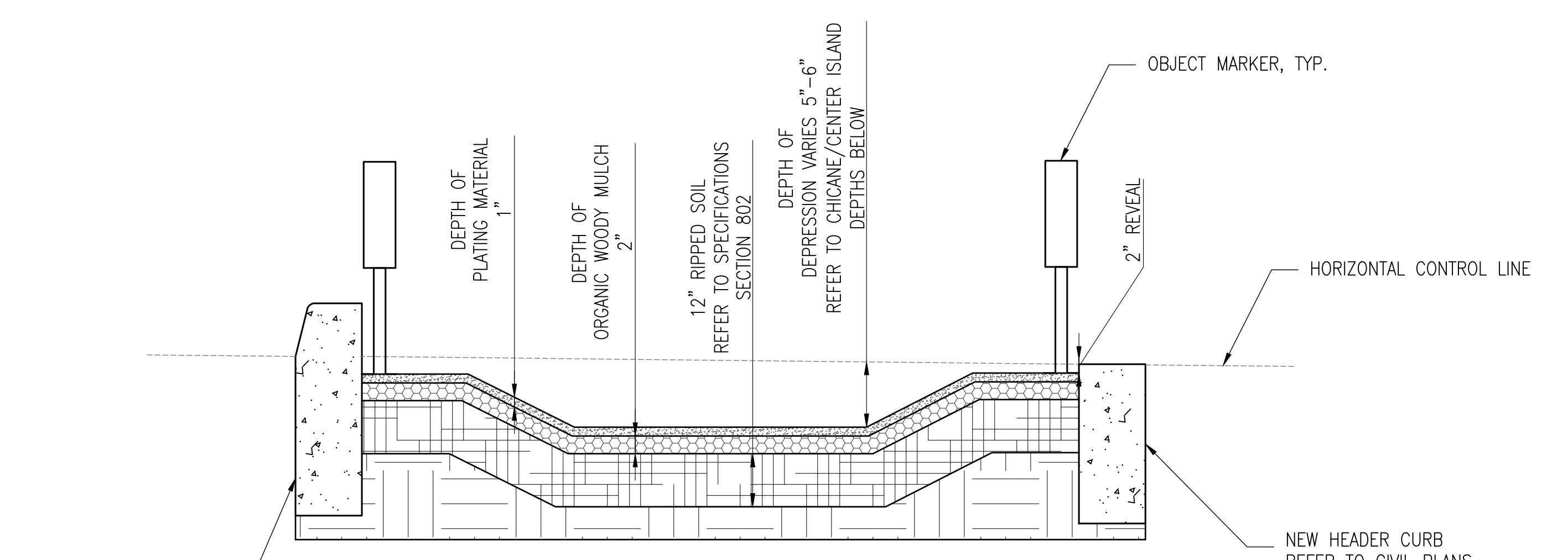
1"=1'-0"



- NOTES:**
- Boulder to be set with 1/4" mass below finished grade.
 - Set boulders firmly so they do not rock. Compact soil around edges.
 - All boulders to have weathered surface exposed.

2 BOULDER PLACEMENT

N.T.S.



- NOTES:**
- The depth of desert cobble shall be 1".
 - Organic woody mulch shall be installed at a depth of 2". Refer to hardscape schedule for material notes.

CHICANE/CENTER ISLAND DEPTHS:

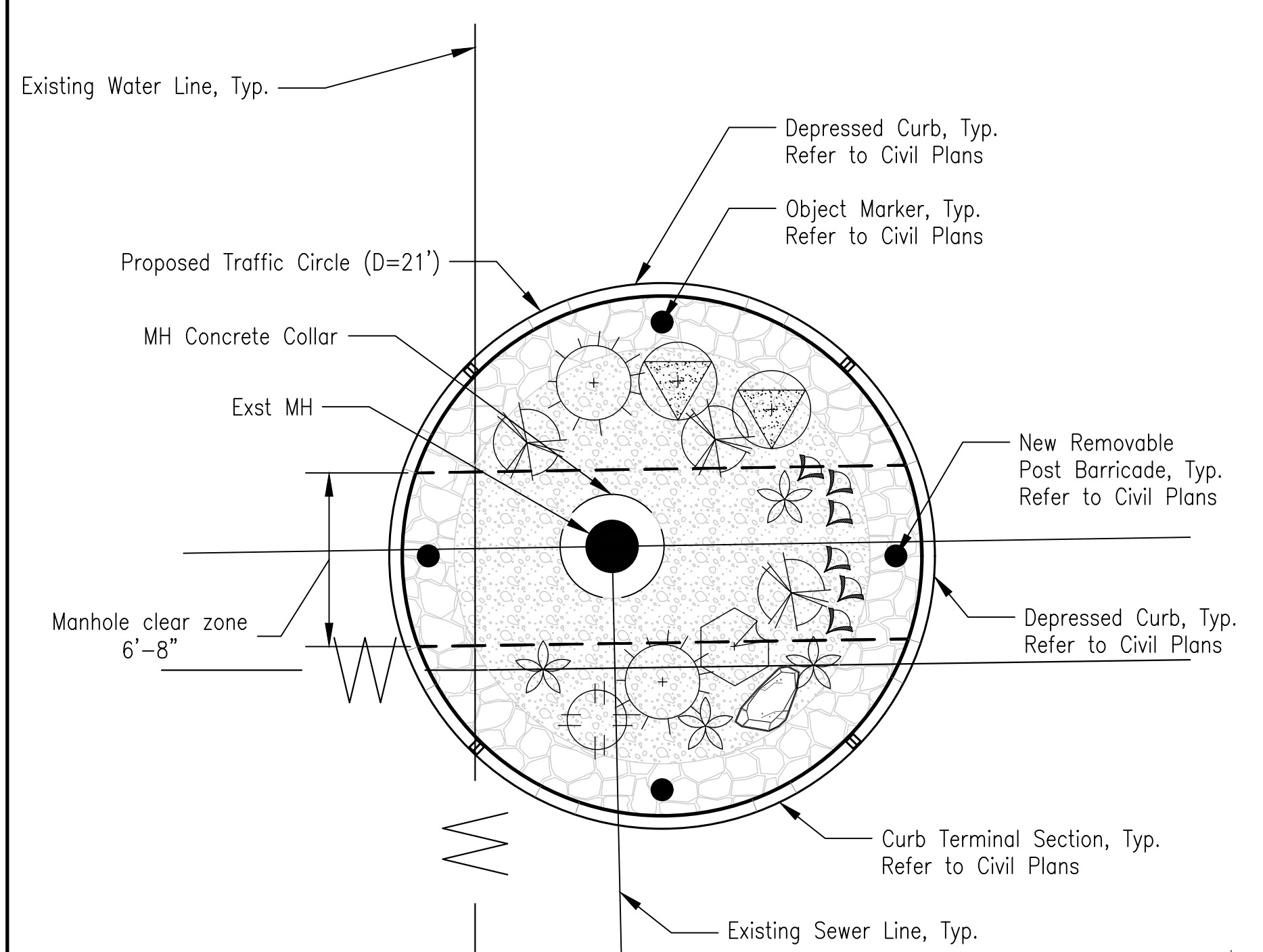
- Chicanes at 9th Avenue between 4th Street and 5th Street shall be 5" deep.
- All other chicanes and center islands will be 6" deep.

4 VEGETATED CHICANE/CENTER ISLAND SECTION

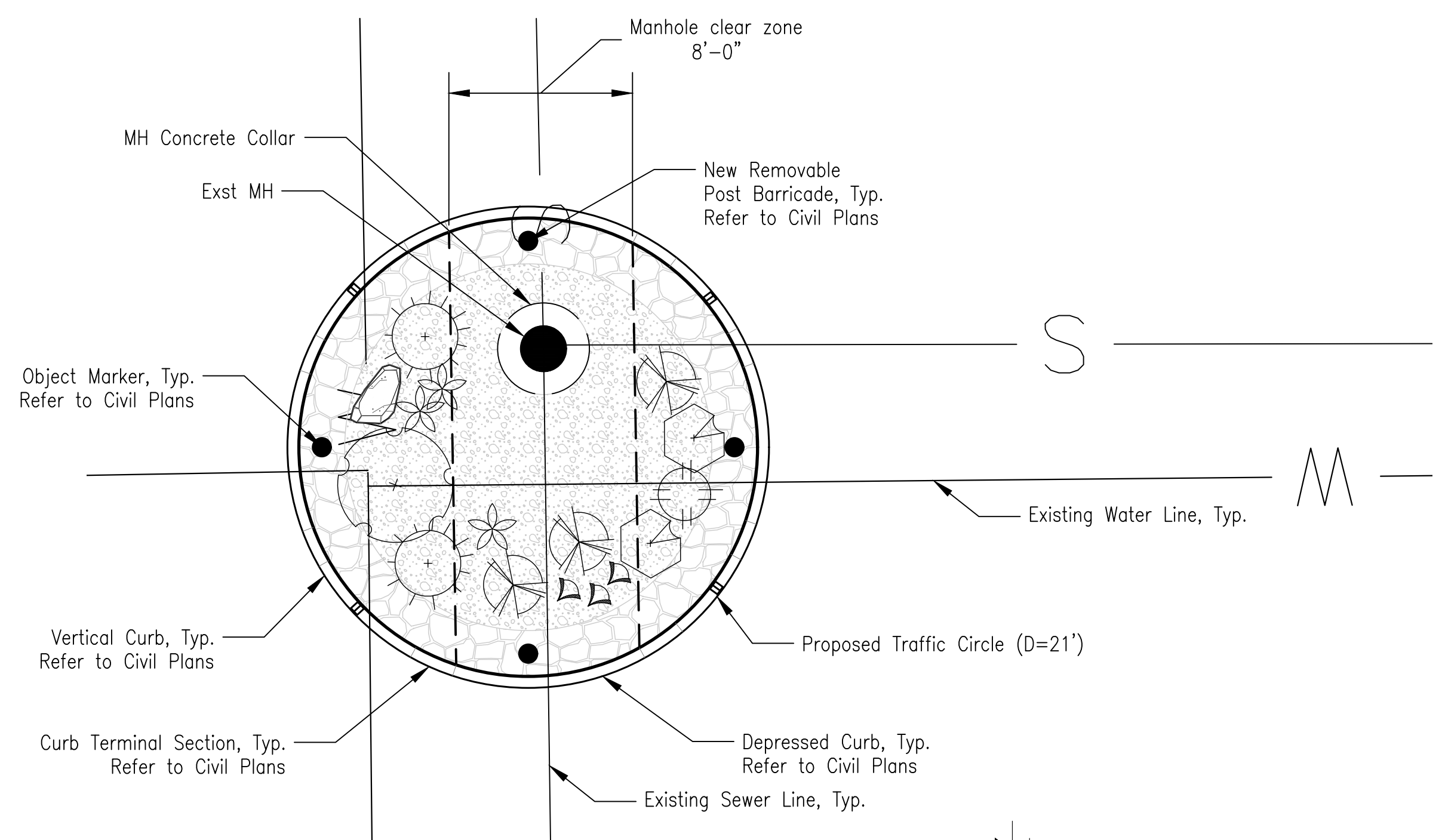
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LP2-02 of LP2-02

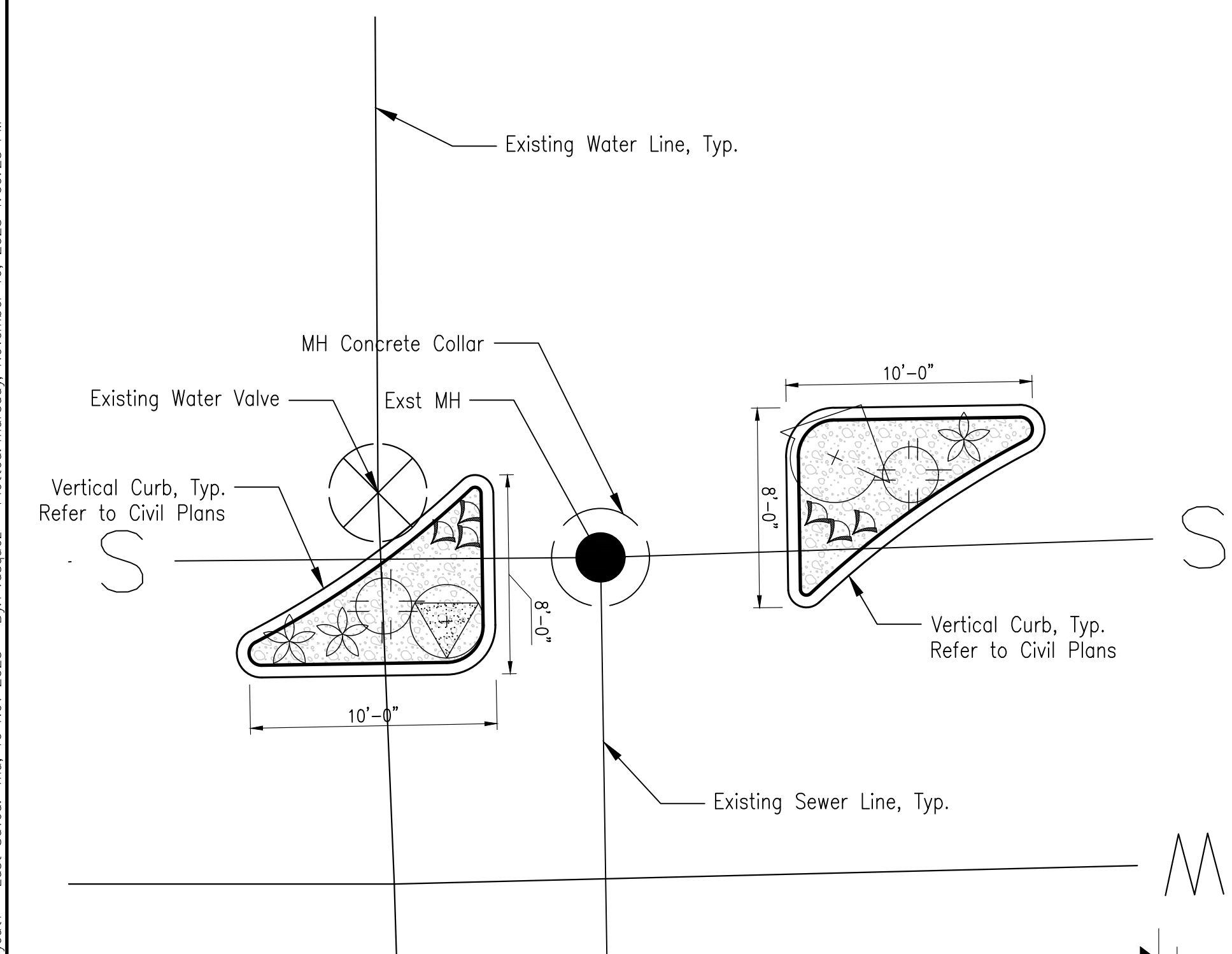
WHEAT DESIGN GROUP LANDSCAPE ARCHITECTS 500 N. TUCSON BLVD, SUITE 150 TUCSON ARIZONA 85714 T: 520 884 7911			DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE Landscape Details	
APPROVALS	SIGNATORY	DATE	APPROVED _____	65
			TRANSPORTATION DIRECTOR	76
NO.	DATE	REVISION DESCRIPTION	BY	CHKD.
				APPR.
		DRWN. BY WDC 20 23 DSGN. BY WDC 20 23 CHKD. BY LM 20 23 PLAN NO. U-2022-006		



03 Traffic circle at Castro Avenue and Laguna Street



05 Traffic circle at Castro Avenue and Alturas Street



04 Center islands at Castro Avenue and Glenn Street

PLANT SCHEDULE	
TREES	BOTANICAL / COMMON NAME
	<i>Celtis reticulata</i> Canyon Hackberry
	<i>Olneya tesota</i> Desert Ironwood

SHRUBS	BOTANICAL / COMMON NAME	CACTI	BOTANICAL / COMMON NAME
	<i>Ambrosia deltoidea</i> Triangle-Leaf Bursage		<i>Carnegiea gigantea</i> Saguaro
	<i>Anisacanthus thurberi</i> Desert Honeysuckle		<i>Ferocactus wislizenii</i> Fish Hook Barrel Cactus
	<i>Asclepias subulata</i> Desert Milkweed		<i>Fouquieria splendens</i> Ocotillo
	<i>Calliandra eriophylla</i> Sonoran Fairy Duster		<i>Opuntia santa-rita</i> Santa Rita Prickly Pear
	<i>Dalea frutescens</i> Black Dalea		
	<i>Ericameria laricifolia</i> Turpentine Bush		
	<i>Justicia californica</i> Chuparosa		
	<i>Larrea tridentata</i> Creosote Bush		
	<i>Simmondsia chinensis</i> Jojoba		
	<i>Sphaeralcea ambigua</i> Desert Globemallow		
		GRASSES	BOTANICAL / COMMON NAME
			<i>Muhlenbergia emersleyi</i> Bulgrass

REFERENCE NOTES SCHEDULE	
SYMBOL	DESCRIPTION
	1.5' x 1.5' Boulder
	2' x 2' Boulder
	Desert Cobble
	Grouted Rip Rap

LP3-02 of LP3-11

WHEAT DESIGN GROUP
LANDSCAPE ARCHITECTS

500 N. TUCSON BLVD, SUITE 150
TUCSON ARIZONA 85714
T: 520 884 7911

CITY OF TUCSON

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION

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

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

Landscape Plan

NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

APPROVALS	SIGNATORY	DATE

DRWN. BY: WDC 20 23

DSGN. BY: WDC 20 23

CHKD. BY: LM 20 23

APPROVED _____ 20 ____ 67

OF _____

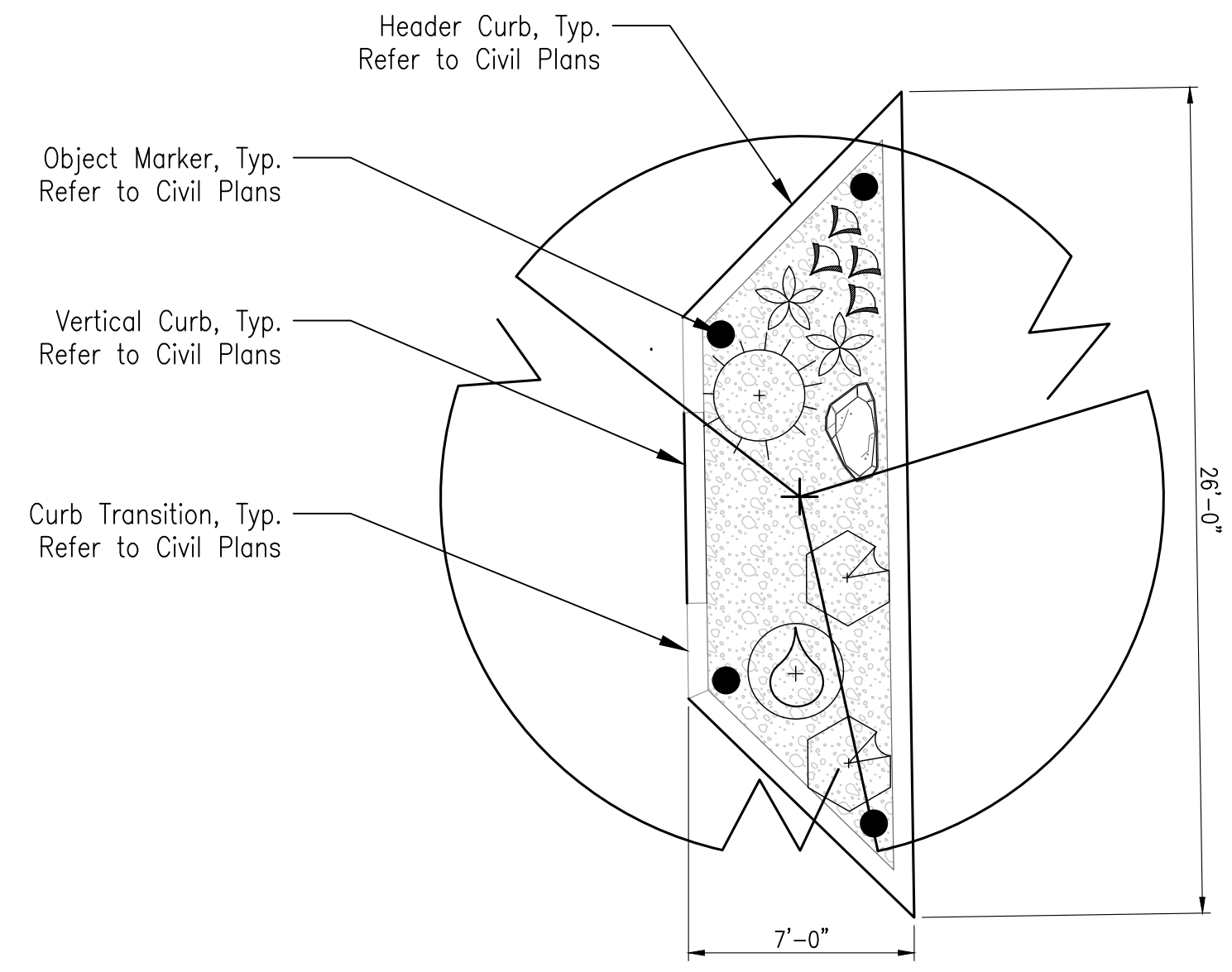
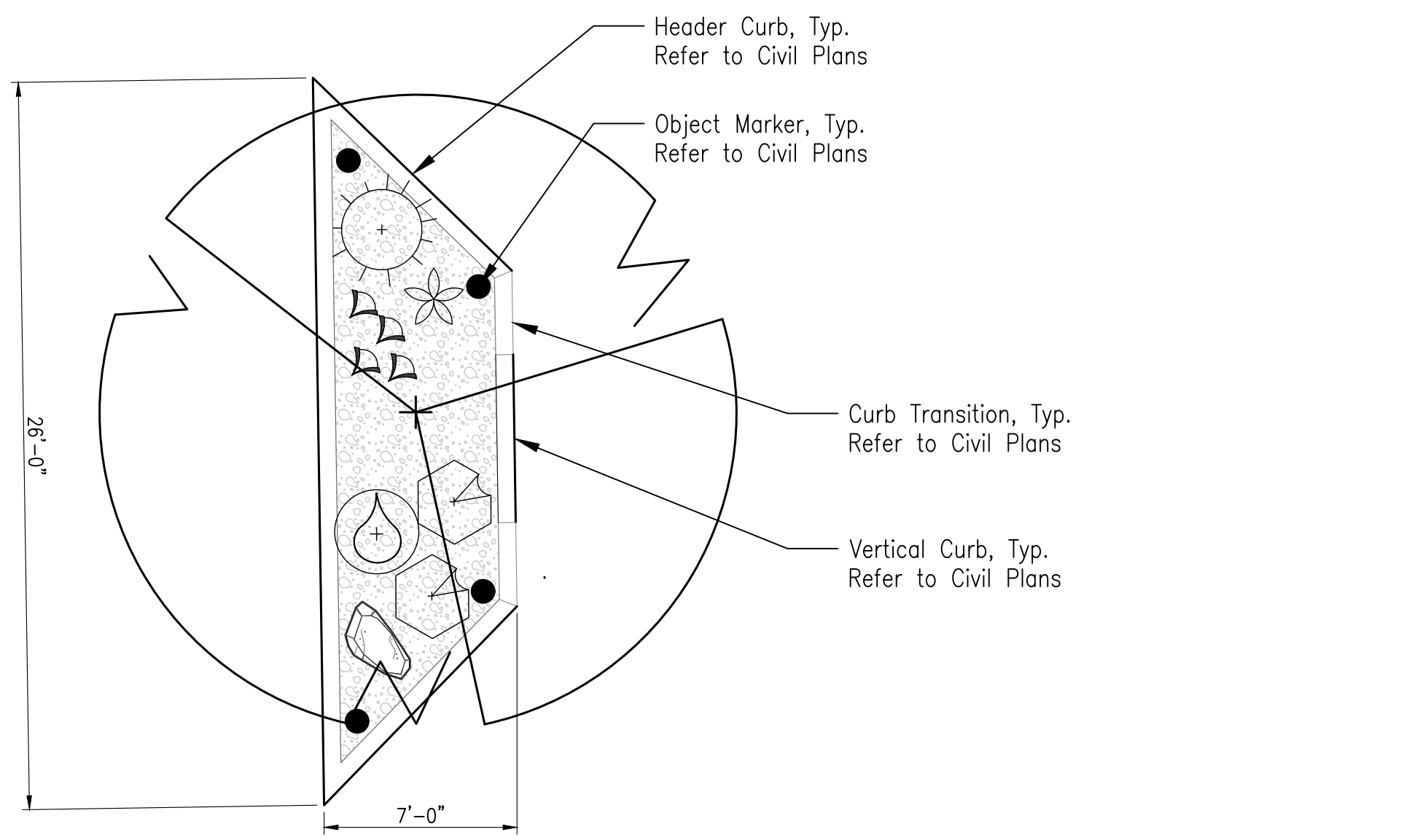
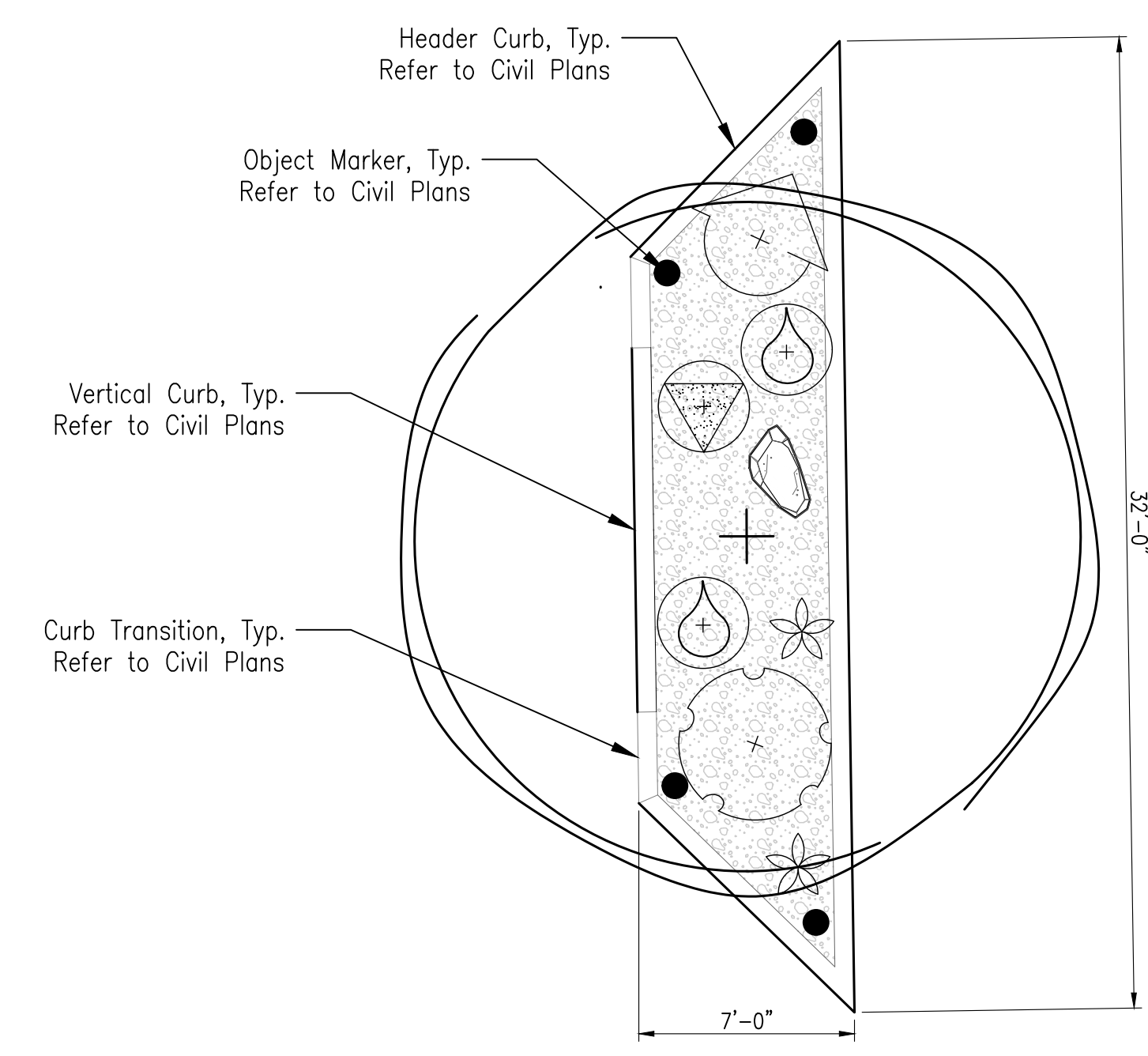
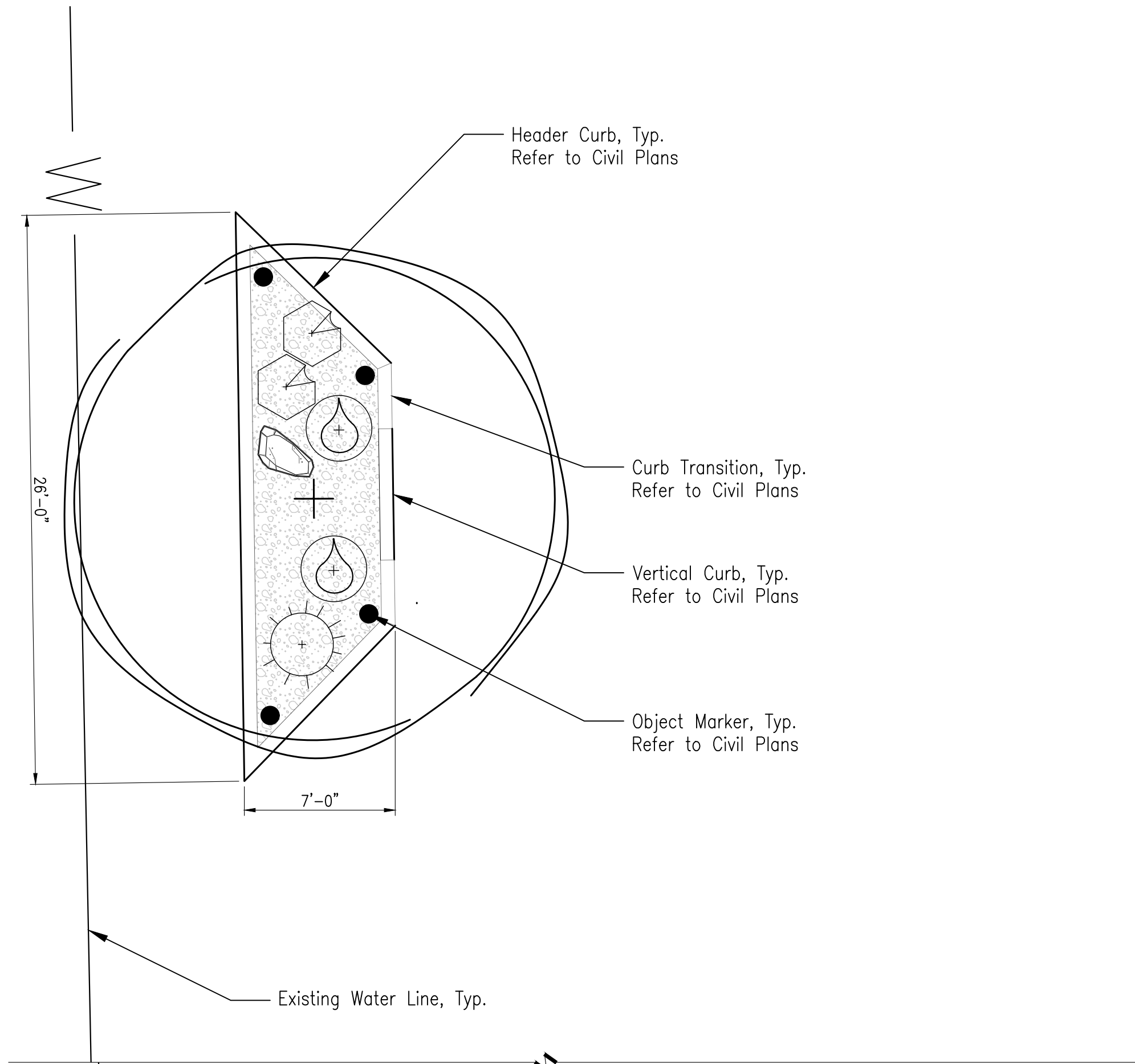
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REF. _____ SCALE: _____

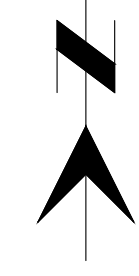
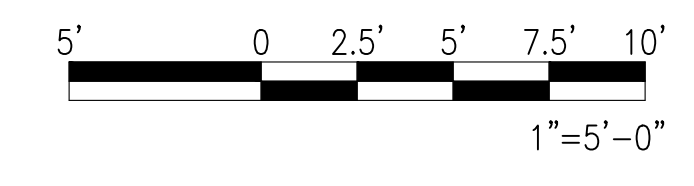
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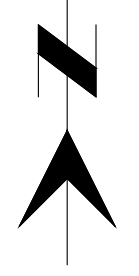
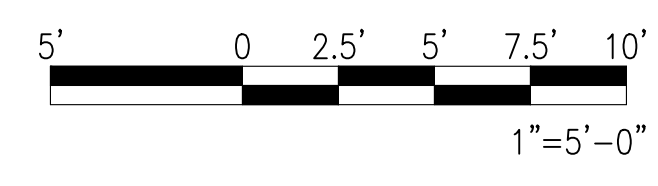
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07 Chicanes at 9th Avenue between Rillito Street and Flores Street



06 Chicanes at 9th Avenue between Grant Road and Sahuaro Street



PLANT SCHEDULE	
TREES	BOTANICAL / COMMON NAME
	<i>Celtis reticulata</i> Canyon Hackberry
	<i>Olneya tesota</i> Desert Ironwood

SHRUBS	BOTANICAL / COMMON NAME
	<i>Ambrosia deltoidea</i> Triangle-Leaf Bursage
	<i>Anisacanthus thurberi</i> Desert Honeysuckle
	<i>Asclepias subulata</i> Desert Milkweed
	<i>Calliandra eriophylla</i> Sonoran Fairy Duster
	<i>Dalea frutescens</i> Black Dalea
	<i>Ericameria laricifolia</i> Turpentine Bush
	<i>Justicia californica</i> Chuparosa
	<i>Larrea tridentata</i> Creosote Bush
	<i>Simmondsia chinensis</i> Jojoba
	<i>Sphaeralcea ambigua</i> Desert Globemallow

CACTI	BOTANICAL / COMMON NAME
	<i>Carnegiea gigantea</i> Saguaro
	<i>Ferocactus wislizenii</i> Fish Hook Barrel Cactus
	<i>Fouquieria splendens</i> Ocotillo
	<i>Opuntia santa-rita</i> Santa Rita Prickly Pear

GRASSES	BOTANICAL / COMMON NAME
	<i>Muhlenbergia emersleyi</i> Bulgrass

REFERENCE NOTES SCHEDULE	
SYMBOL	DESCRIPTION
	1.5' x 1.5' Boulder
	2' x 2' Boulder
	Desert Cobble
	Grouted Rip Rap

LP3-03 of LP3-11

DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION
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

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NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.

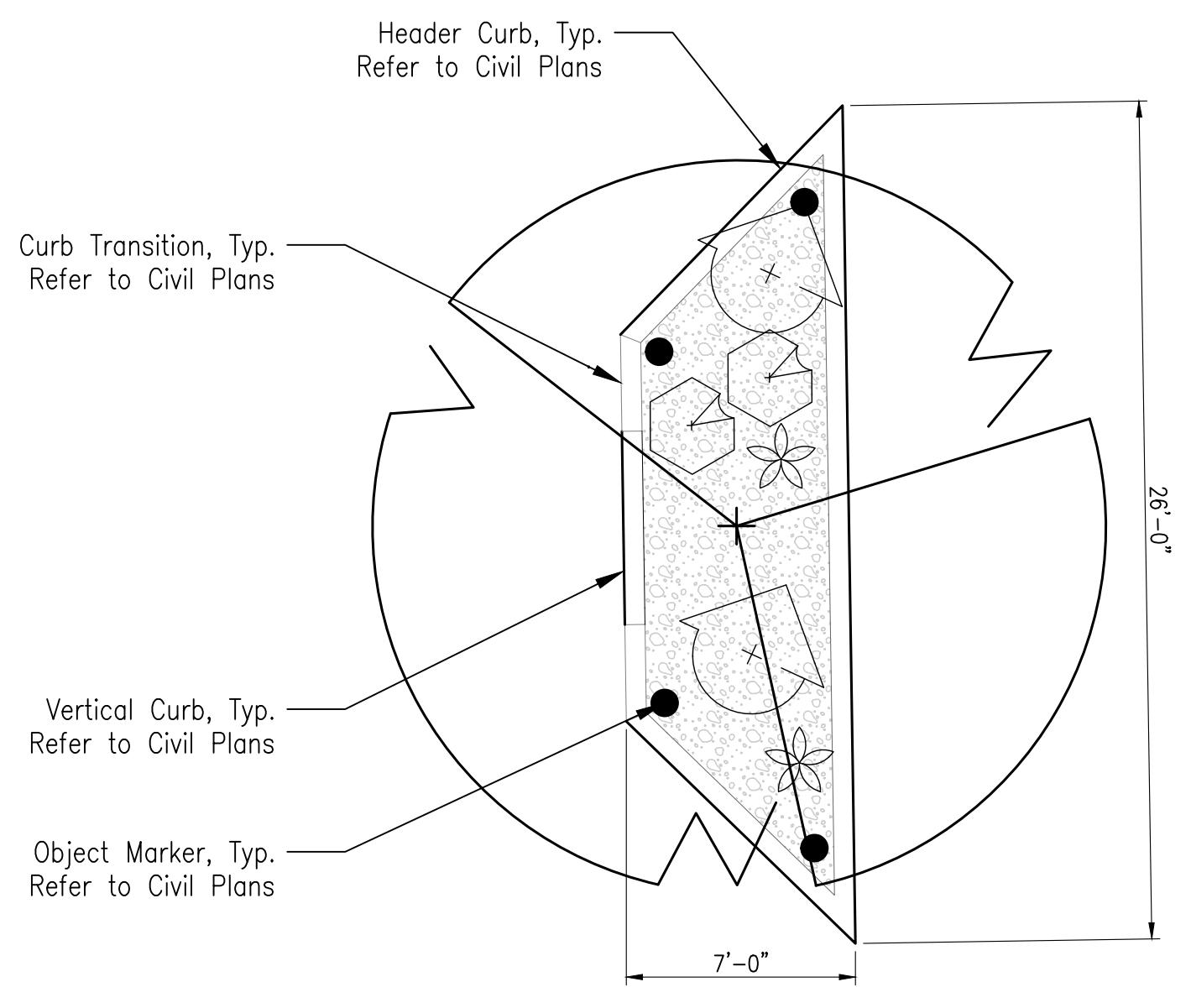
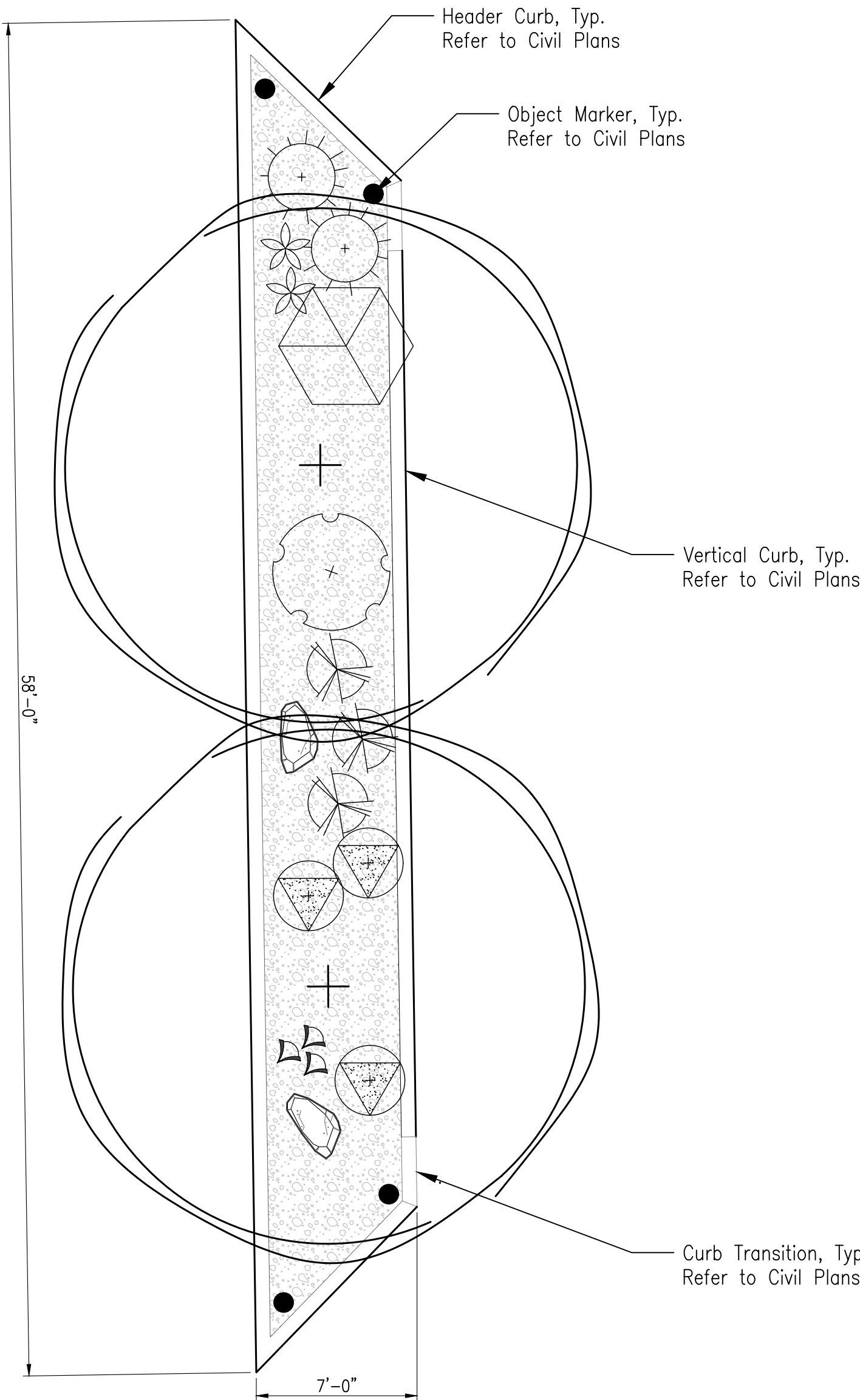
CITY OF TUCSON
 REGISTERED LANDSCAPE ARCHITECT
 46501 LAURA E. WIELCAREK
 11-16-2023
 ARIZONA U.S.A.

APPROVALS	SIGNATORY	DATE

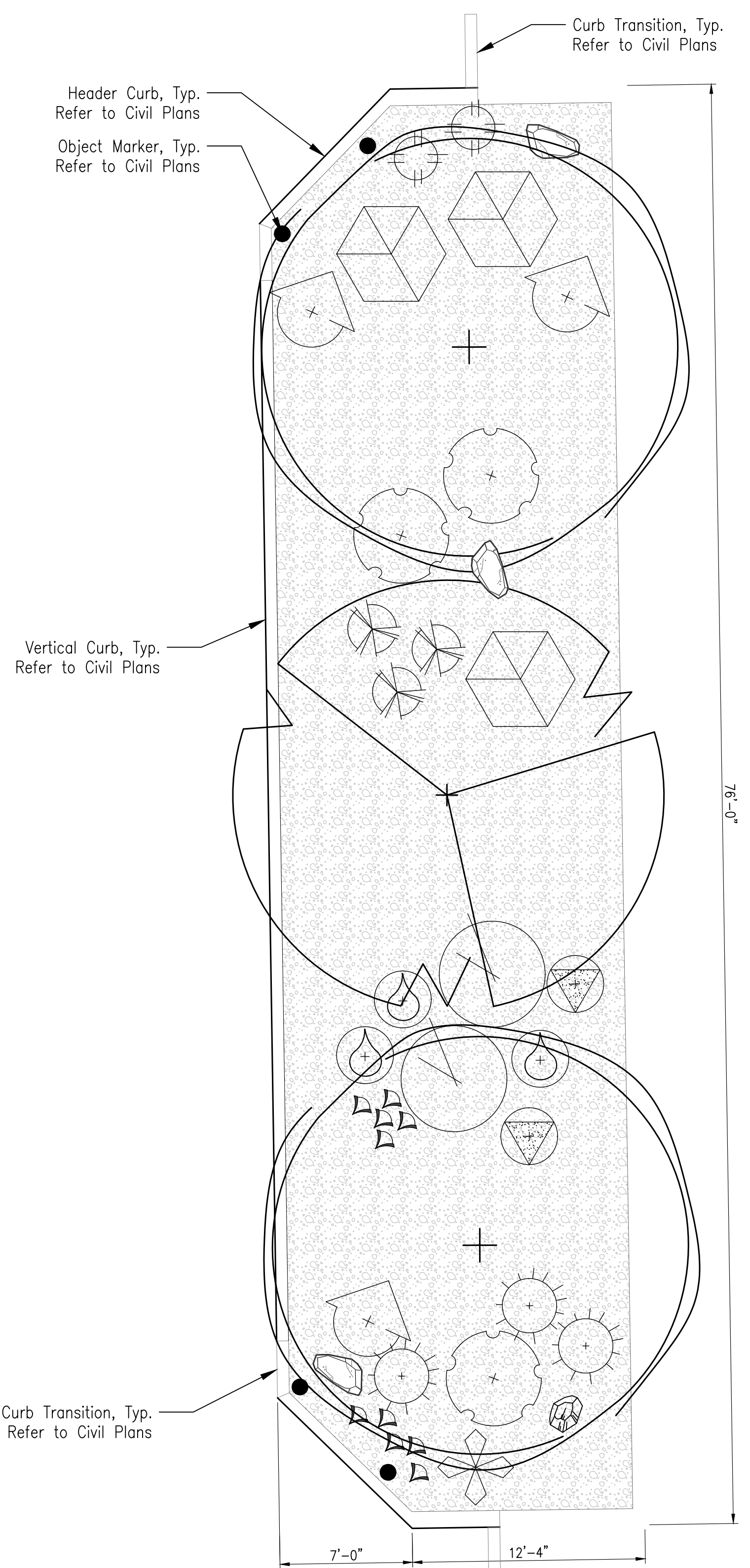
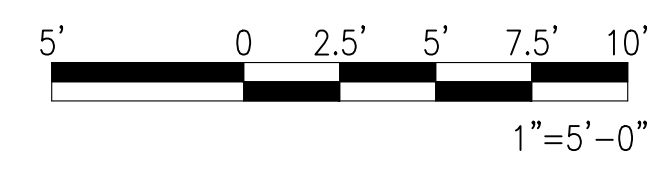
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	OF
	76
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REF. _____	SCALE: _____
DRWN. BY WDC 20 23	DSGN. BY WDC 20 23
CHKD. BY LM 20 23	PLAN NO. U-2022-006



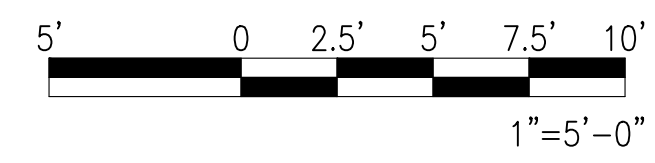
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10 Chicanes at 9th Avenue between Ventura Street and Plata Street



11 Chicanes at 9th Avenue between Plata Street and Lester Street - North
Chicane can extend to the sidewalk



PLANT SCHEDULE	
TREES	BOTANICAL / COMMON NAME
	<i>Celtis reticulata</i> Canyon Hackberry
	<i>Olneya tesota</i> Desert Ironwood

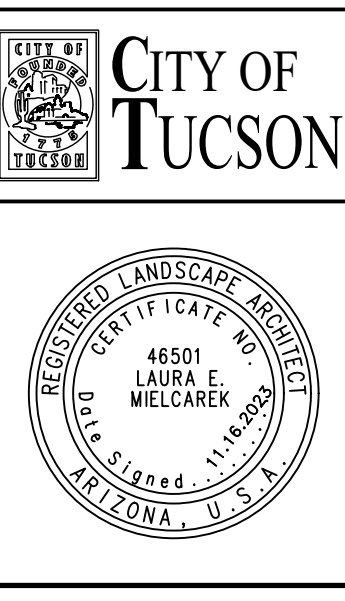
SHRUBS	BOTANICAL / COMMON NAME
	<i>Ambrosia deltoidea</i> Triangle-Leaf Bursage
	<i>Anisacanthus thurberi</i> Desert Honeysuckle
	<i>Asclepias subulata</i> Desert Milkweed
	<i>Calliandra eriophylla</i> Sonoran Fairy Duster
	<i>Dalea frutescens</i> Black Dalea
	<i>Ericameria laricifolia</i> Turpentine Bush
	<i>Justicia californica</i> Chuparosa
	<i>Larrea tridentata</i> Creosote Bush
	<i>Simmondsia chinensis</i> Jojoba
	<i>Sphaeralcea ambigua</i> Desert Globemallow

CACTI	BOTANICAL / COMMON NAME
	<i>Carnegiea gigantea</i> Saguaro
	<i>Ferocactus wislizenii</i> Fish Hook Barrel Cactus
	<i>Fouquieria splendens</i> Ocotillo
	<i>Opuntia santa-rita</i> Santa Rita Prickly Pear

GRASSES	BOTANICAL / COMMON NAME
	<i>Muhlenbergia emersleyi</i> Bulgrass

REFERENCE NOTES SCHEDULE	
SYMBOL	DESCRIPTION
	1.5' x 1.5' Boulder
	2' x 2' Boulder
	Desert Cobble
	Grouted Rip Rap

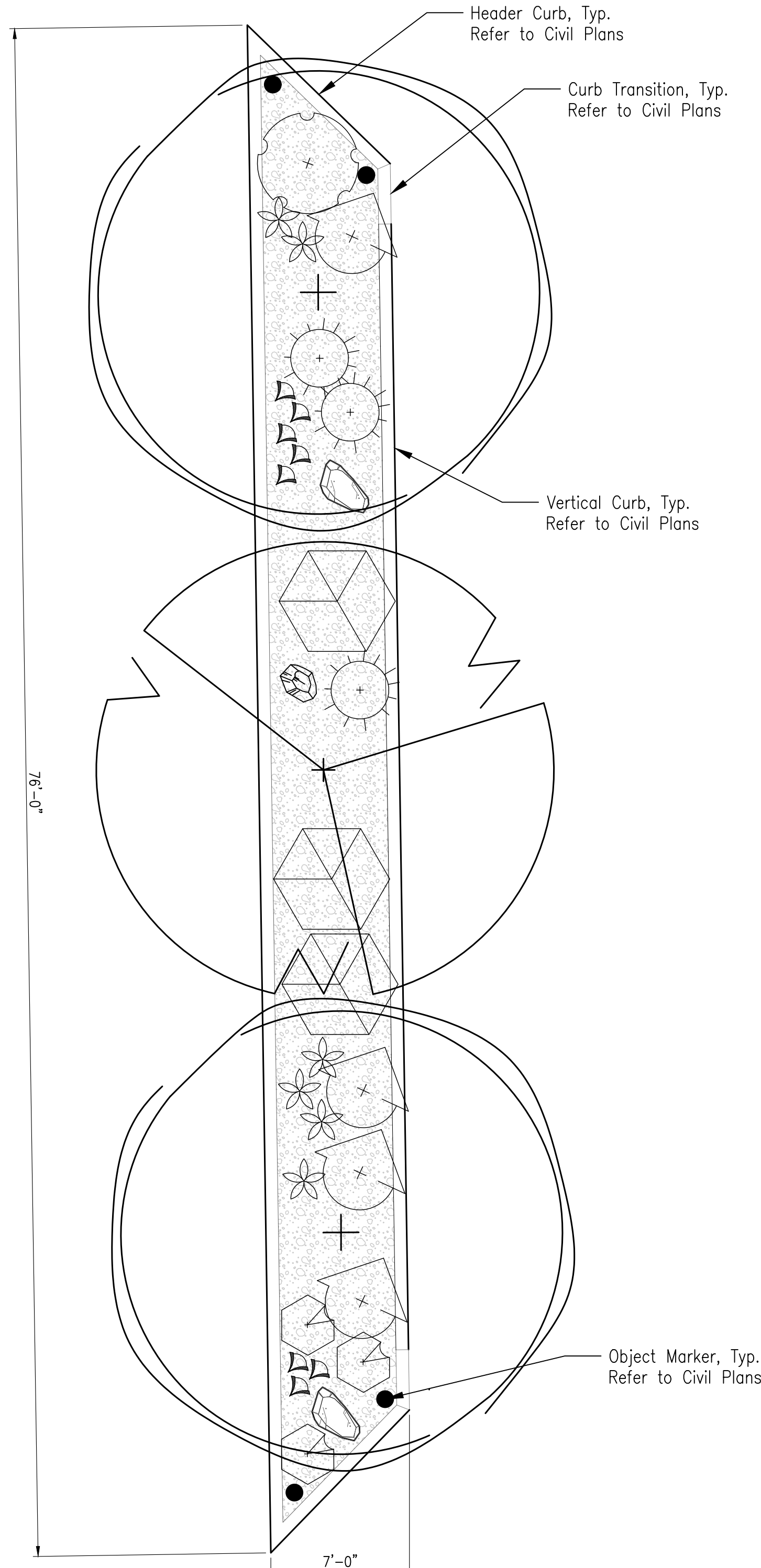
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NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.



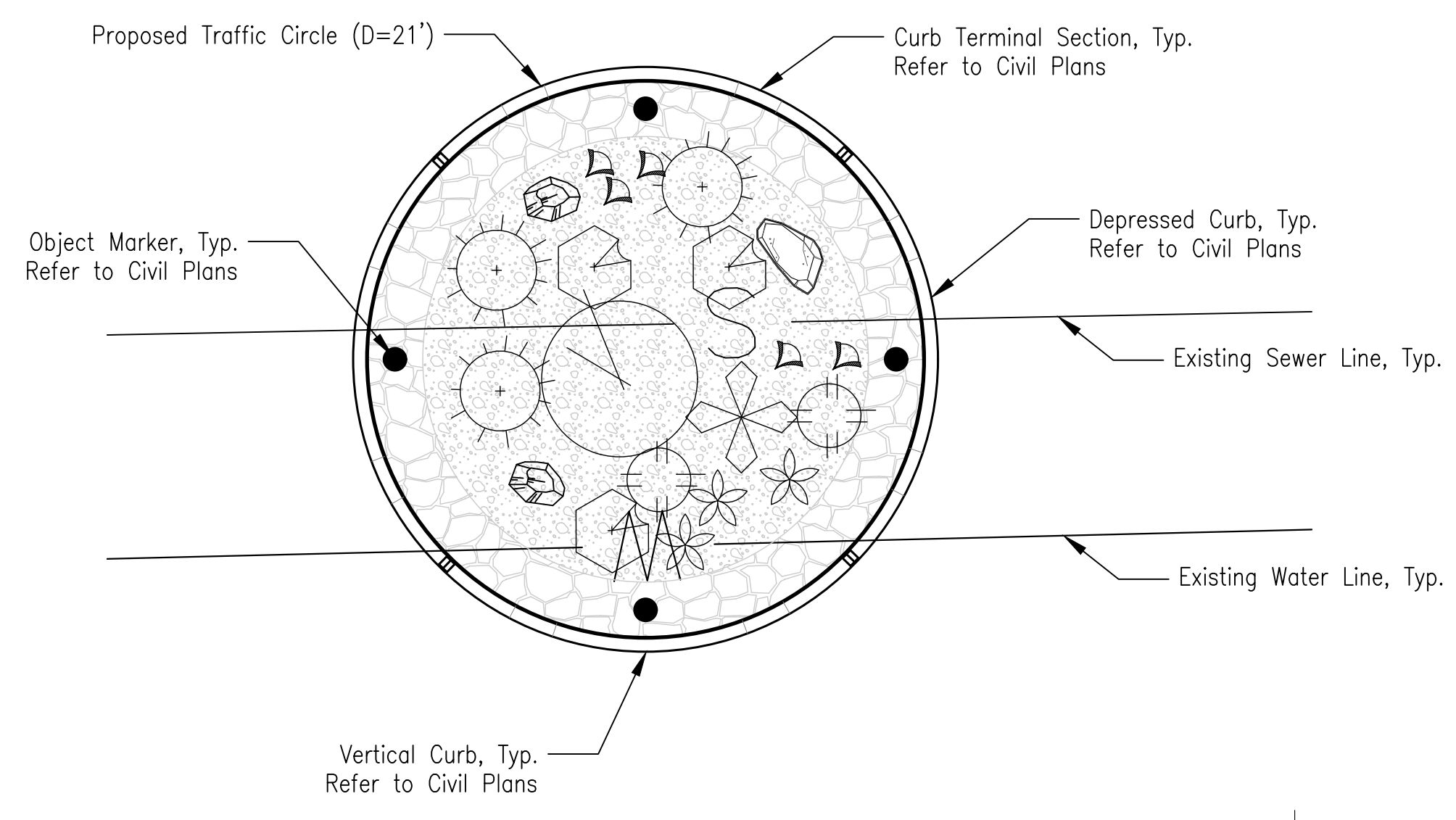
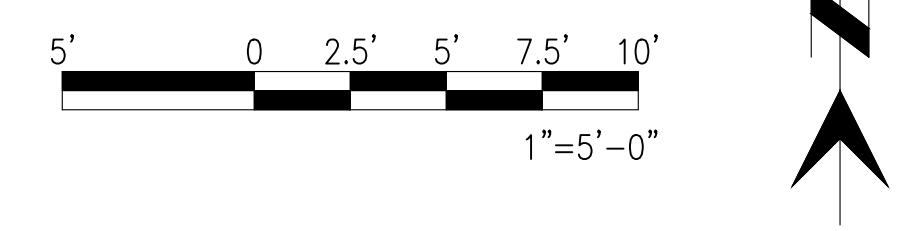
DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION			
9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS			
SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE			
Landscape Plan			
APPROVALS	SIGNATORY	DATE	APPROVED _____ 20__
			70
			OF
			76
TRANSPORTATION DIRECTOR			REF: _____ SCALE: _____
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CHKD. BY: LM	20 23	PLAN NO. U-2022-006	

LP3-05 of LP3-11

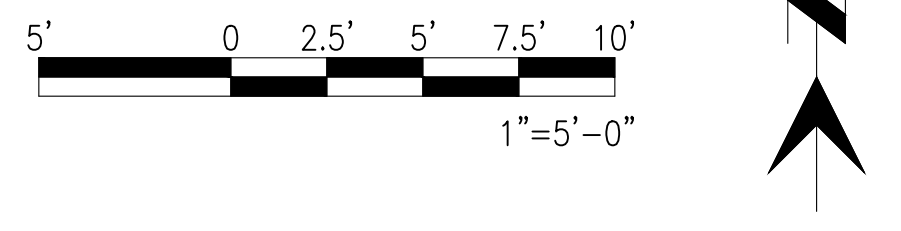
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11 Chicanes at 9th Avenue between Plata Street and Lester Street - South



12 Traffic circle at 9th Avenue and Lester Street



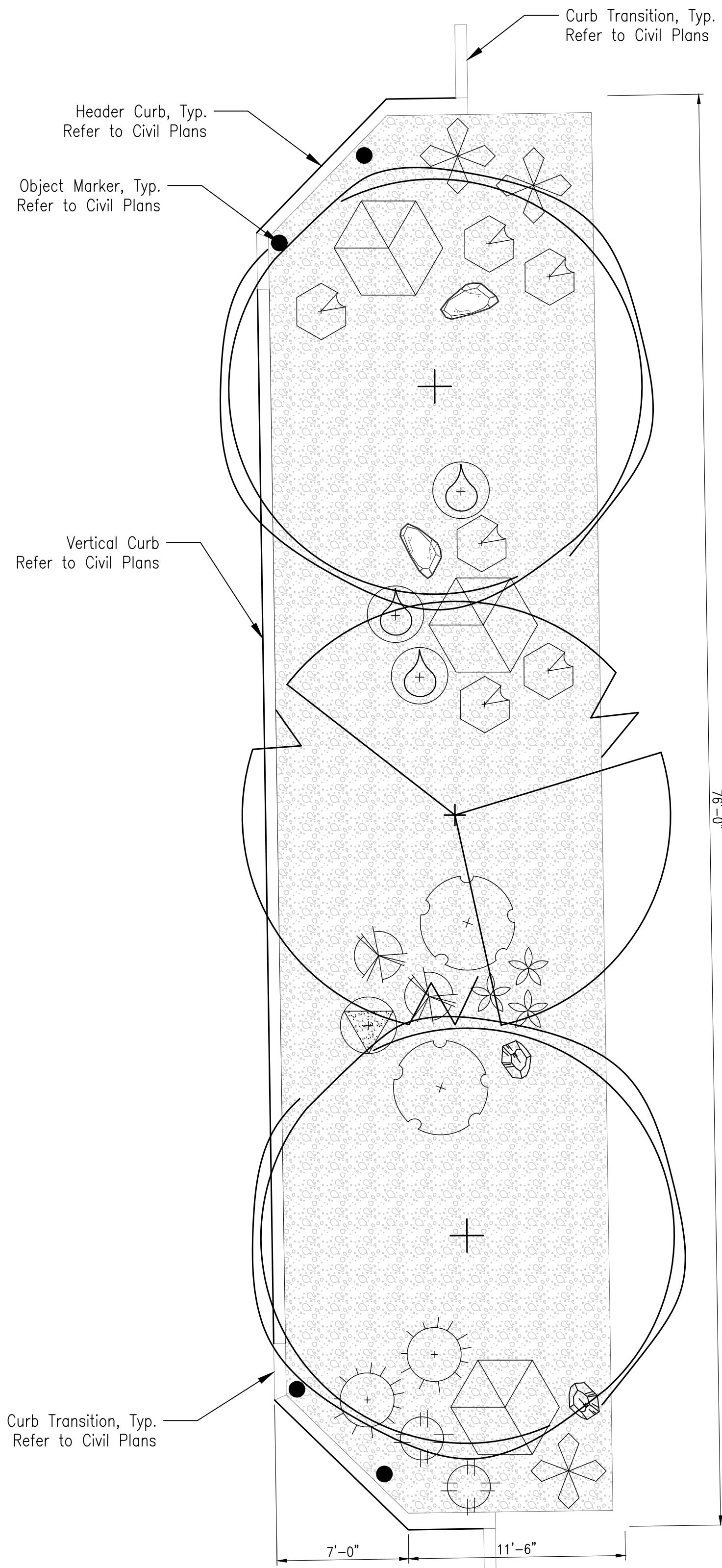
PLANT SCHEDULE	
TREES	BOTANICAL / COMMON NAME
	<i>Celtis reticulata</i> Canyon Hackberry
	<i>Olneya tesota</i> Desert Ironwood

SHRUBS	BOTANICAL / COMMON NAME	CACTI	BOTANICAL / COMMON NAME
	<i>Ambrosia deltoidea</i> Triangle-Leaf Bursage		<i>Carnegiea gigantea</i> Saguaro
	<i>Anisacanthus thurberi</i> Desert Honeysuckle		<i>Ferocactus wislizenii</i> Fish Hook Barrel Cactus
	<i>Asclepias subulata</i> Desert Milkweed		<i>Fouquieria splendens</i> Ocotillo
	<i>Calliandra eriophylla</i> Sonoran Fairy Duster		<i>Opuntia santa-rita</i> Santa Rita Prickly Pear
	<i>Dalea frutescens</i> Black Dalea		
	<i>Ericameria laricifolia</i> Turpentine Bush		
	<i>Justicia californica</i> Chuparosa		
	<i>Larrea tridentata</i> Creosote Bush		
	<i>Simmondsia chinensis</i> Jojoba		
	<i>Sphaeralcea ambigua</i> Desert Globemallow		
		GRASSES	BOTANICAL / COMMON NAME
			<i>Muhlenbergia emersleyi</i> Bulgrass

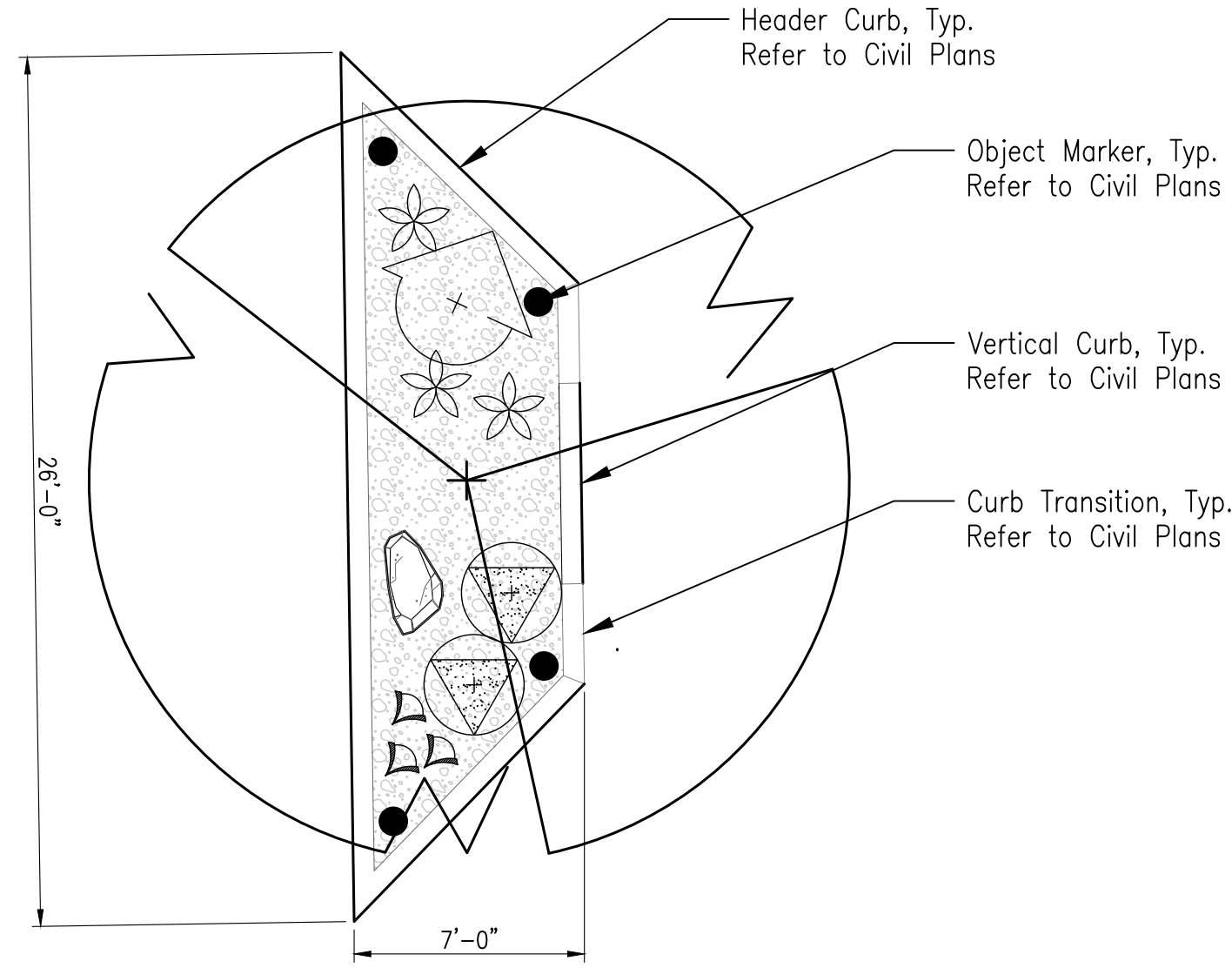
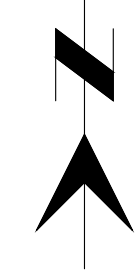
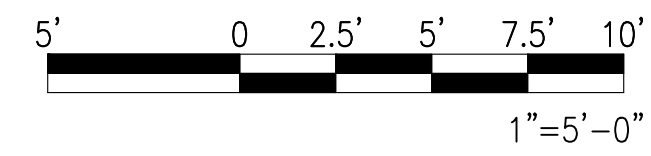
REFERENCE NOTES SCHEDULE	
SYMBOL	DESCRIPTION
	1.5' x 1.5' Boulder
	2' x 2' Boulder
	Desert Cobble
	Grouted Rip Rap

LP3-06 of LP3-11

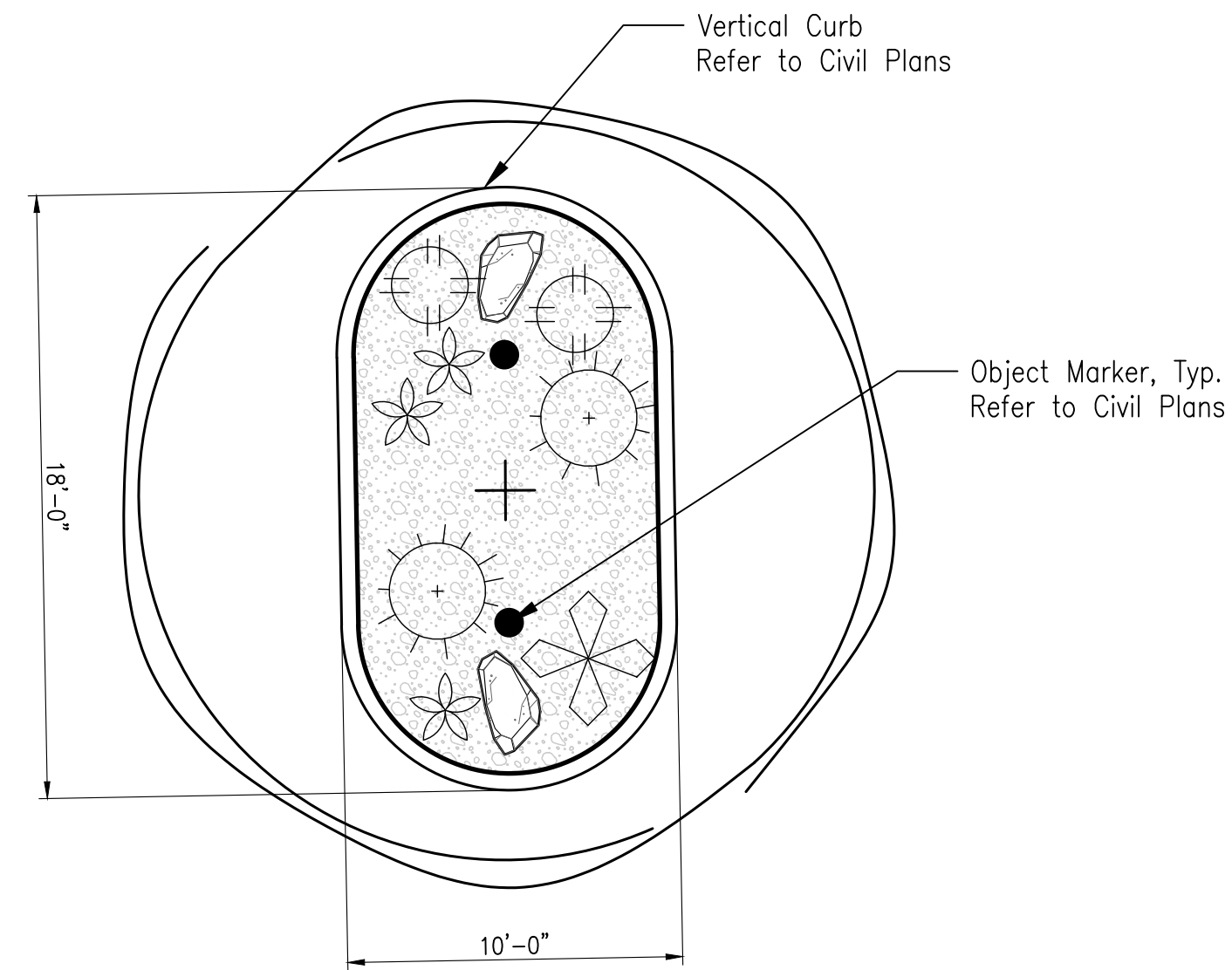
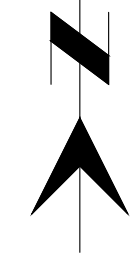
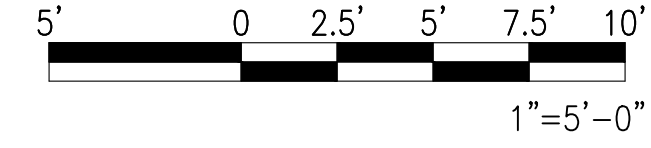
WHEAT DESIGN GROUP LANDSCAPE ARCHITECTS 500 N. TUCSON BLVD, SUITE 150 TUCSON ARIZONA 85714 T: 520 884 7911		 CITY OF TUCSON	DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 9TH AVE, 5TH ST, AND 9TH ST BICYCLE BOULEVARDS SAINT MARYS RD TO FORT LOWELL RD, EUCLID AVE TO 6TH AVE, AND 4TH AVE TO TREAT AVE Landscape Plan																																					
<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>BY</th> <th>CHKD.</th> <th>APPR.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	REVISION DESCRIPTION	BY	CHKD.	APPR.																			<table border="1"> <thead> <tr> <th>APPROVALS</th> <th>SIGNATORY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		APPROVALS	SIGNATORY	DATE										APPROVED _____ 20__ OF _____ TRANSPORTATION DIRECTOR REF. _____ SCALE: _____ PLAN NO. U-2022-006
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APPROVALS	SIGNATORY	DATE																																						
 Laura E. Mielcarek Registered Landscape Architect Arizona		DRWN. BY <u>WDC</u> 20 <u>23</u> DSGN. BY <u>WDC</u> 20 <u>23</u> CHKD. BY <u>LM</u> 20 <u>23</u>																																						



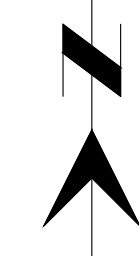
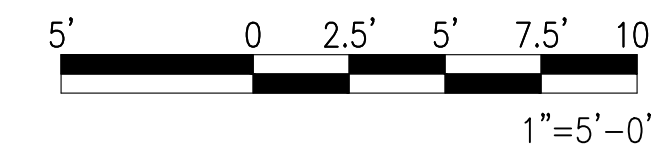
13 Chicane at 9th Avenue between Lester Street and Elm Street - North
Chicane can extend to sidewalk



13 Chicane at 9th Avenue between Lester Street and Elm Street - South



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



PLANT SCHEDULE	
TREES	BOTANICAL / COMMON NAME
	<i>Celtis reticulata</i> Canyon Hackberry
	<i>Olneya tesota</i> Desert Ironwood

SHRUBS	BOTANICAL / COMMON NAME	CACTI	BOTANICAL / COMMON NAME
	<i>Ambrosia deltoidea</i> Triangle-Leaf Bursage		<i>Carnegiea gigantea</i> Saguaro
	<i>Anisacanthus thurberi</i> Desert Honeysuckle		<i>Ferocactus wislizenii</i> Fish Hook Barrel Cactus
	<i>Asclepias subulata</i> Desert Milkweed		<i>Fouquieria splendens</i> Ocotillo
	<i>Calliandra eriophylla</i> Sonoran Fairy Duster		<i>Opuntia santa-rita</i> Santa Rita Prickly Pear
	<i>Dalea frutescens</i> Black Dalea		
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	<i>Justicia californica</i> Chuparosa		
	<i>Larrea tridentata</i> Creosote Bush		
	<i>Simmondsia chinensis</i> Jojoba		
	<i>Sphaeralcea ambigua</i> Desert Globemallow		
		GRASSES	BOTANICAL / COMMON NAME
			<i>Muhlenbergia emersleyi</i> Bullgrass

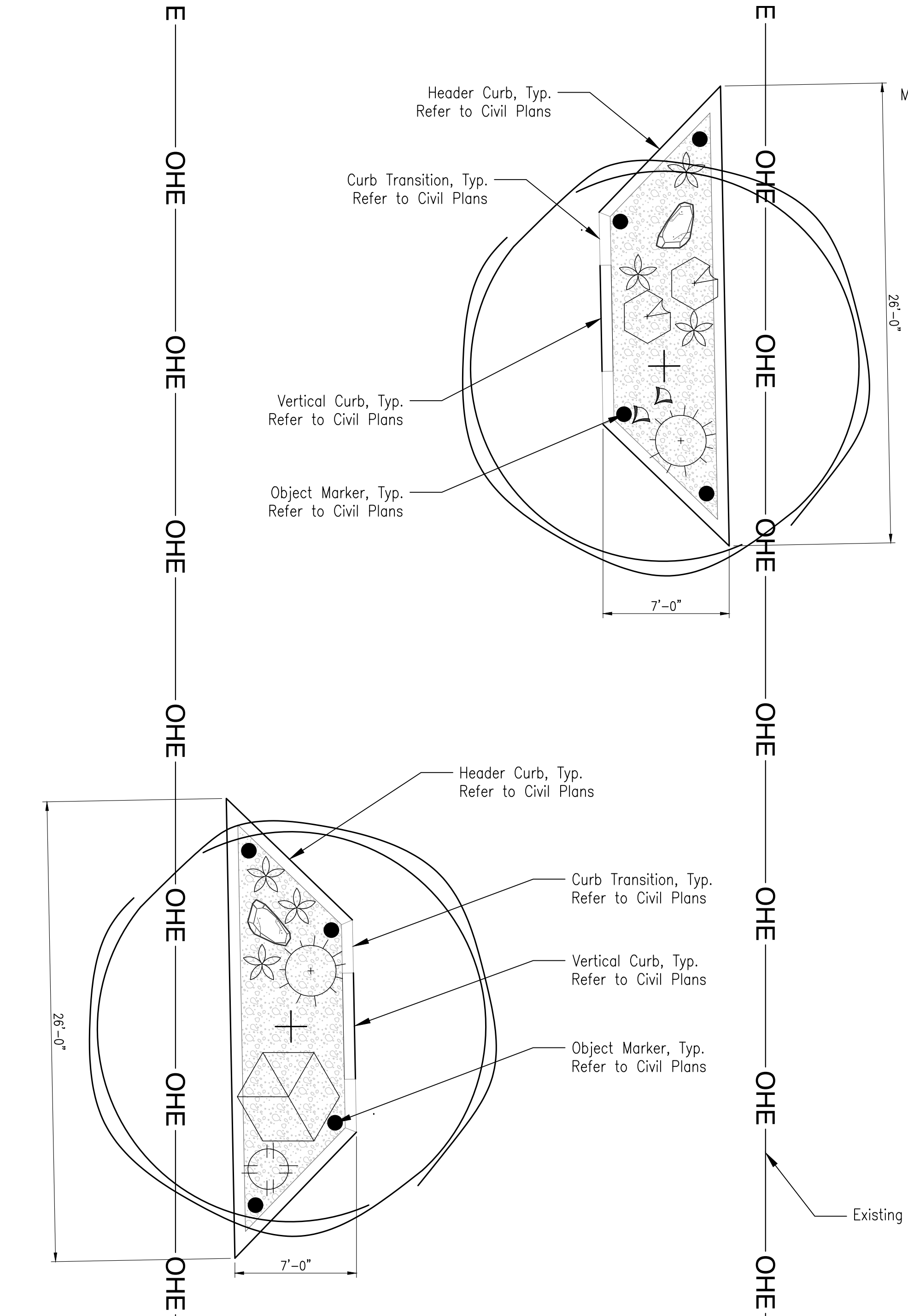
REFERENCE NOTES SCHEDULE	
SYMBOL	DESCRIPTION
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	2' x 2' Boulder
	Desert Cobble
	Grouted Rip Rap

LP3-07 of LP3-11

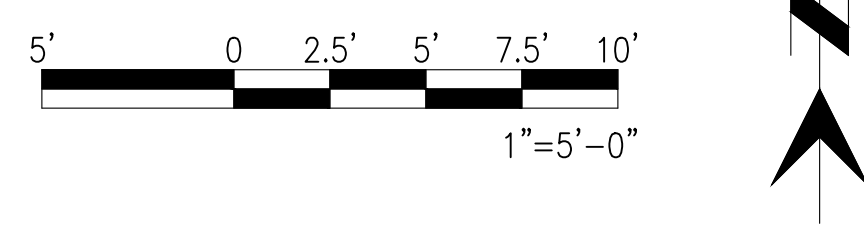
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APPROVALS: _____ DATE: _____ SIGNATORY: _____ TRANSPORTATION DIRECTOR		APPROVED: _____ 20__ OF 76 REF: _____ SCALE: _____ PLAN NO. U-2022-006						
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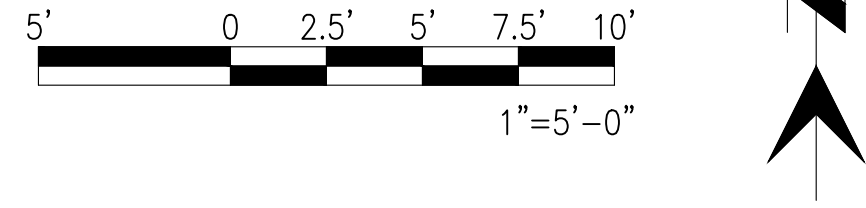
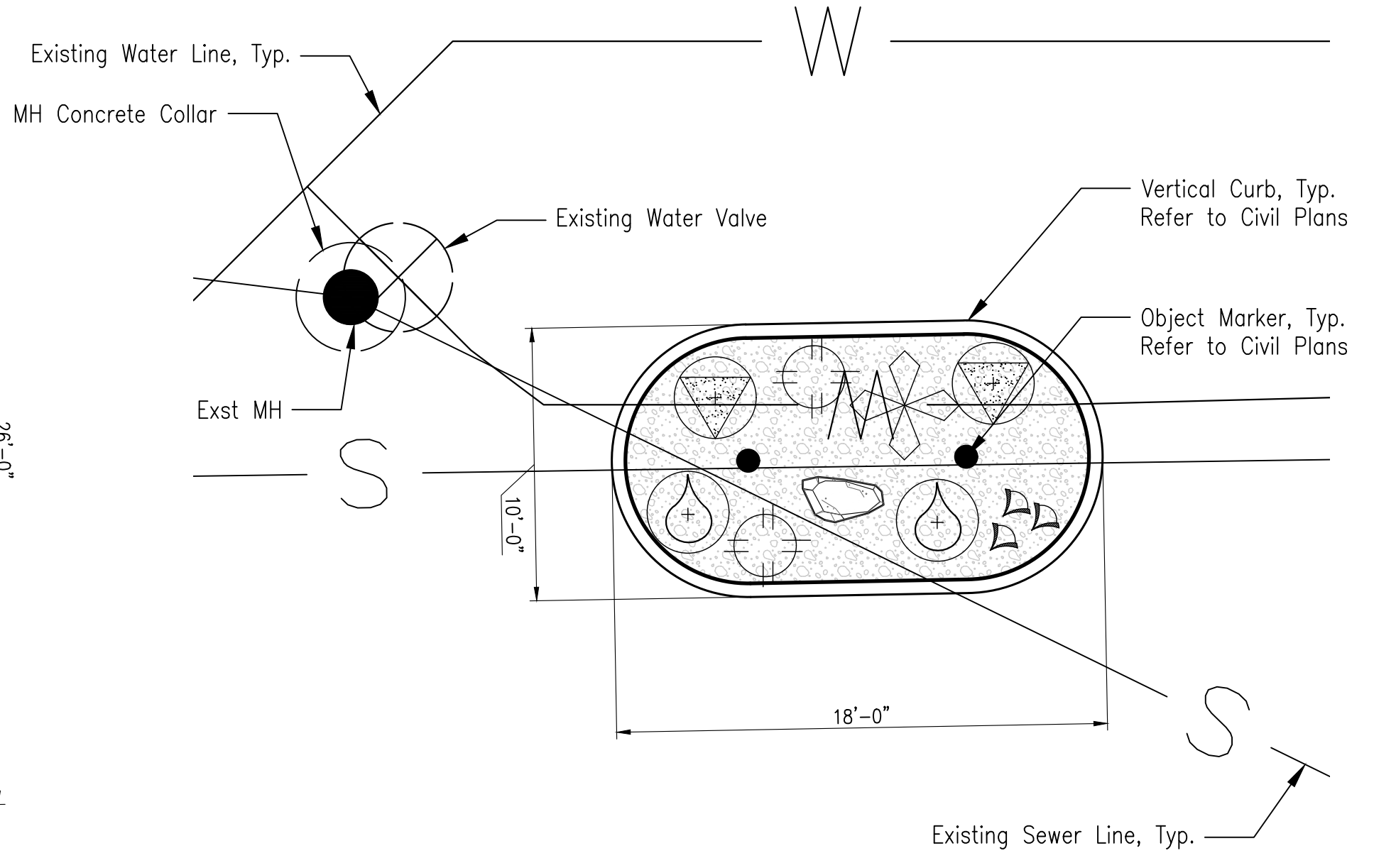
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18 Chicanes at 9th Avenue between 4th Street and 5th Street



19 Center island at 5th Street between 5th Avenue and 4th Avenue



PLANT SCHEDULE	
TREES	BOTANICAL / COMMON NAME
	<i>Celtis reticulata</i> Canyon Hackberry
	<i>Olneya tesota</i> Desert Ironwood

SHRUBS	BOTANICAL / COMMON NAME	CACTI	BOTANICAL / COMMON NAME
	<i>Ambrosia deltoidea</i> Triangle-Leaf Bursage		<i>Carnegiea gigantea</i> Saguaro
	<i>Anisacanthus thurberi</i> Desert Honeysuckle		<i>Ferocactus wislizenii</i> Fish Hook Barrel Cactus
	<i>Asclepias subulata</i> Desert Milkweed		<i>Fouquieria splendens</i> Ocotillo
	<i>Calliandra eriophylla</i> Sonoran Fairy Duster		<i>Opuntia santa-rita</i> Santa Rita Prickly Pear
	<i>Dalea frutescens</i> Black Dalea		<i>Ericameria laricifolia</i> Turpentine Bush
	<i>Justicia californica</i> Chuparosa		<i>Muhlenbergia emersleyi</i> Bulgrass
	<i>Larrea tridentata</i> Creosote Bush		
	<i>Simmondsia chinensis</i> Jojoba		
	<i>Sphaeralcea ambigua</i> Desert Globemallow		

REFERENCE NOTES SCHEDULE	
SYMBOL	DESCRIPTION
	1.5' x 1.5' Boulder
	2' x 2' Boulder
	Desert Cobble
	Grouted Rip Rap

LP3-09 of LP3-11

WHEAT DESIGN GROUP LANDSCAPE ARCHITECTS 500 N. TUCSON BLVD., SUITE 150 TUCSON, ARIZONA 85714 T: 520.884.7911		CITY OF TUCSON 	DEPARTMENT OF TRANSPORTATION/ENGINEERING DIVISION 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
APPROVALS _____ _____ _____	SIGNATORY _____ _____ _____	DATE _____ _____ _____	APPROVED _____ 20__ OF 74 TRANSPORTATION DIRECTOR REF: _____ SCALE: _____ PLAN NO. U-2022-006
NO. _____ DATE _____ REVISION DESCRIPTION _____ BY _____ CHKD. _____ APPR. _____	DRWN. BY <u>WDG</u> 20 <u>23</u> DSGN. BY <u>WDG</u> 20 <u>23</u> CHKD. BY <u>LM</u> 20 <u>23</u>		



