# CITY OF ALBUQUERQUE NEW MEXICO

DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING



6-3-2022

# ROADWAY IMPROVEMENTS YUCCA DRIVE

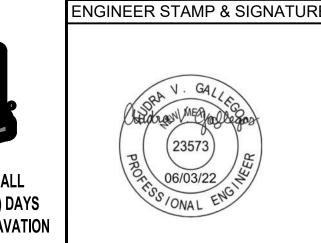
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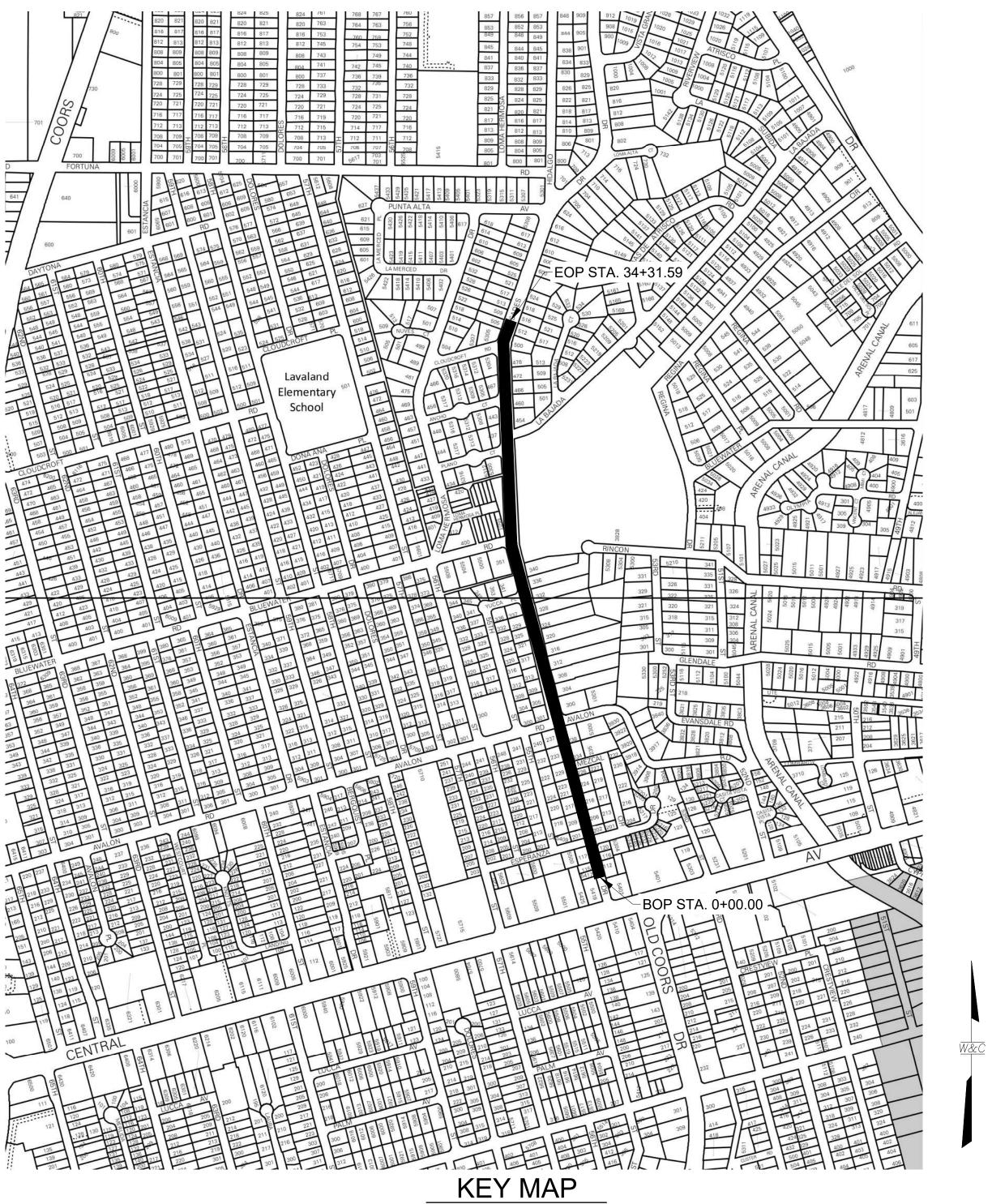
**ZONE ATLAS MAP J-11 AND K-11** 

PROJECT DESCRIPTION: TRAFFIC CALMING WHICH INCLUDES





₹E	APPROVALS	ENGINEER	DATE	*******	*
	DRC CHAIRPERSON			APPROVED FOR CONSTRUCTION	1
	TRANSPORTATION				
	WATER/WASTEWATER				
	HYDROLOGY				
	PARKS			CITY ENGINEER DA	<del>_</del>
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	CITY PROJECT NO.			SHEET	
	803002			1	

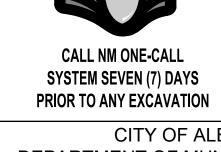


ZONE ATLAS MAP J-11 AND K-11 NTS

# **INDEX OF SHEETS**

COVER INDEX OF SHEETS **GENERAL NOTES** LEGEND SUMMARY OF QUANTITIES TYPICAL SECTION **GEOMETRY PLAN** 8 TO 12 DESIGN PLAN LAYOUT CROSSWALK DETAIL 14 TO 17 STRIPING PLAN





DRAWN BY: TGO CHECKED BY: CLL DATE 06/2022

CITY OF ALBUQUERQUE YUCCA DRIVE ROADWAY IMPROVEMENTS

DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION

INDEX OF SHEET KEYED NOTES

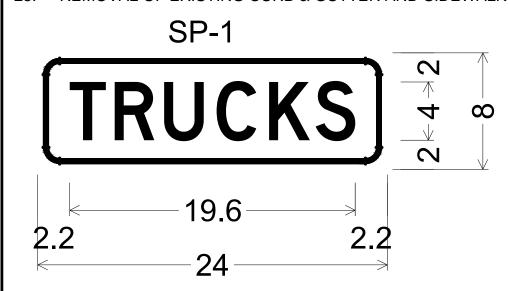
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
		J-11 & K-11
		CITY PROJECT NO.
		803002
		SHEET NO.
		_

#### GENERAL NOTES

- 1. ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2020 EDITION, REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS."
- 2. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR PUBLIC EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS ISSUED BY THE CITY.
- 3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4. CONTRACTOR SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROTECTION OF PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- 5. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650, SUBPART "P".
- 6. AN EXCAVATION / CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- 7. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER (OR CITY PROJECT MANAGER) NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO STANDARD SPECIFICATION SECTION 4.4.
- 8. FOR CIP PROJECTS: SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO DMD, CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE DMD, CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS. PERMIT REQUESTS MAY BE DENIED OR DELAYED DUE TO CONFLICTS WITH OTHER PROJECTS IN THE AREA.
- 9. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NM 811 FOR LOCATION OF EXISTING UTILITIES
- 10. CONTRACTOR SHALL ASSIST THE ENGINEER / INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND APPURTENANCES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS-BUILT" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES OR APPURTENANCES UNTIL ALL DATA HAVE BEEN RECORDED.
- 11. CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGNAGE, CURB & GUTTER, A.D.A. RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
- 12. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT. WHETHER PERMANENT OR TEMPORARY.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND OTHER JURISDICTIONAL AUTHORITIES WHERE APPLICABLE.

#### WATER & SEWER

- 14. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER; RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER C.O.A. STANDARD DRAWINGS 2460 AND 2461.
- 15. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD-VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
- 16. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER-PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY FOURTEEN (14) DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ON LINE AT: HTTP://ABCWUA.ORG/WATER\_SHUT\_OFF\_AND\_TURN\_ON\_PROCEDURES.ASPX
- 17. PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900, DR18 REQUIREMENTS (6" TO 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" TO 48").
- 22. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND / OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH AFFECTED UTILITY COMPANIES AS REQUIRED.
- 23. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR AT THE SAME LOCATION AS EXISTING OR AS INDICATED ON THIS PLAN SET.
- 24. WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE TWENTY-FOUR-HOUR CONSTRUCTION.
- 25. REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.



1.5" Radius, 0.4" Border, 0.4" Indent, Black on, White; "TRUCKS", D 2K;

#### **TRANSPORTATION**

- 26. ANY DAMAGE TO THE EXISTING CURB & GUTTER, PAVEMENT, SIDEWALKS, STRIPING, OR SIGNAGE DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 27. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- 28. CURB & GUTTER, SIDEWALKS, AND DRIVEPADS SHALL MATCH THE LINE AND GRADE OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- 29. THE SUBGRADE PREPARATION SHALL EXTEND ONE (1) FOOT BEYOND THE FREE EDGE OF NEW CURB & GUTTER AND SIDEWALK.
- 30. CONTRACTOR SHALL TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE TWO FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50, OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
- 31. AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPILLOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENT; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
- 32. CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB & GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR SHALL SAW-CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING No. 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.
- 33. TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROJECT WILL HAVE ON THE TRANSIT SYSTEM, SUCH AS CAUSING A DETOUR OR THE CLOSURE OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS DOUGLAS GOFF, OFFICE PHONE 724-3137, CELL PHONE 206-0151, OR E-MAIL: DGOFF@CABQ.GOV

#### OTHER COMMON NOTES

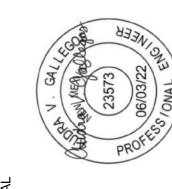
- 34. CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING WORK.
- 35. CONTRACTOR SHALL DETERMINE IN ADVANCE OF CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, GUYS, ETC., ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTIONS TO CONSTRUCTION OPERATIONS ARE PRESENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 36. PNM WILL PROVIDE, AT NO COST TO THE CITY OR THE CONTRACTOR, THE NECESSARY PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECSSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- 37. EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY; LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION BEGINS.
- 38. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. CONTRACTOR SHALL FIELD-VERIFY THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS/HER FAILURE TO LOCATE. IDENTIFY. AND PRESERVE ANY AND ALL EXISTING UTILITIES.
- 39. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITIES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO STORM SEWER, WATER LINE, AND/OR SEWER LINE COSTS.
- 40. CONTRACTOR SHALL SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, COMMUNICATION CABLES, AND CABLE-TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE SHALL BE SUPPORTED AT A MAXIMUM SPACING OF FIFTEEN (15) FEET. CONTRACTOR SHALL COORDINATE WITH AND MAKE ANY NECESSARY PAYMENT TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES, OR SUPPORT OF CABLES BY THE UTILITY OWNER.
- 41. REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 42. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION ACCEPTABLE TO THE PROJECT MANAGER. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.
- 43. CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTEFERENCE WITH LOCAL TRAFFIC.
- 44. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED, AND RESET BY THE CONTRACTOR.
- 45. IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PRE-HISTORIC ARTIFACTS, OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE CONSTRUCTION ENGINEER SHALL NOTIFY THE COUNTY OFFICE OF THE MEDICAL EXAMINER AT 272-3053. IF THE MEDICAL EXAMINER DETERMINES THAT HUMAN REMAINS ARE NOT PRESENT, THE CONSTRUCTION ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.
- 46. IF OBJECTS OF HISTORICAL, ARCHEOLOGICAL, PALEONTOLOGICAL, OR OTHER OBJECTS OF ANTIQUITY ARE ENCOUNTERED, CONTRACTOR SHALL CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER AND PROJECT ENGINEER.

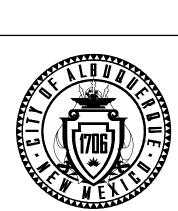
UTILITY OWNER	UTILITY TYPE	CONTACT NAME	EMAIL	PHONE
ABCWUA	\\/\TED/\$E\\/ED	LLUS OPDONEZ	lordonoz@ahowua org	505.289.3216
ABCVVUA	'UA   WATER/SEWER   LUIS ORDONEZ		lordonez@abcwda.org	505.239.8025



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SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRAFFIC ENGINEERING DIVISION
YUCCA DRIVE ROADWAY IMPROVEMENTS

**GENERAL NOTES** 

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

J—11 & K—11

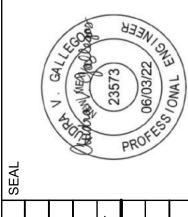
CITY PROJECT NO.
803002

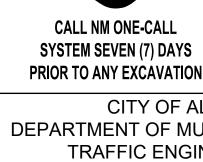
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3

**FUTURE** PROPOSED PROPERTY LINE (P) RIGHT-OF-WAY (R/W) EASEMENT (ESMT) FIBER OPTIC WATERLINE SEWERLINE GAS LINE OVERHEAD ELECTRIC CABLE TV UNDERGROUND TELEPHONE UNDERGROUND ELECTRIC **RETAINING WALL** SLOPE LIMITS - CUT SLOPE LIMITS - FILL LIGHTING PULL BOX WATER METER GAS METER TRAFFIC CONTROL BOX MISC. PULL BOX TELEPHONE PEDESTAL **ELECTRIC TRANSFORMER** GATE VALVE **HYDRANT GUY WIRE** SANITARY SEWER MANHOLE SD STORM DRAIN MANHOLE PIPE ENCASEMENT DROP INLET POWER POLE POWER POLE WITH LIGHT POWER PEDESTAL JUNCTION BOX LIGHTING CONTROL CABINET STANDARD STREET LIGHT SERVICE POLE WITH SERVICE RISER SERVICE POLE CONDUIT RUN NUMBER • CONTROL POINT

SEE SECTION 9 FOR TRAFFIC SIGNAL SYMBOLOGY

Albuquerque, New Mexico 87109
PH (505) 348-4000
FAX (505) 348-4055
www.wilsonco.com





DESIGNED BY: AVG DRAWN BY: TGO CHECKED BY: CLL PRIOR TO ANY EXCAVATION DATE 06/2022



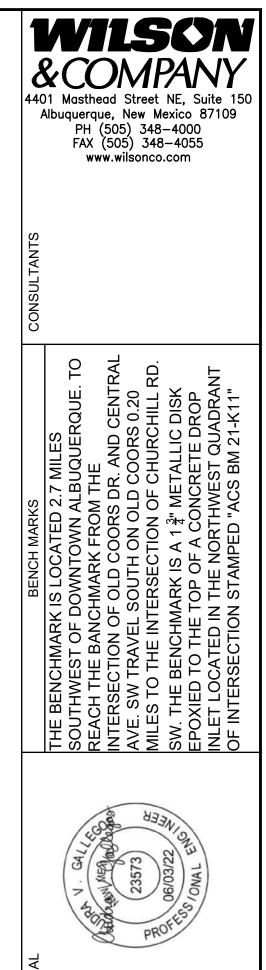
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

**LEGEND** 

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
		J-11 & K-11
		CITY PROJECT NO.
		803002
		SHEET NO.
		T T

# SUMMARY OF QUANTITIES

BID ITEM	COAITEM NO.	IO. ITEM DESCRIPTION	UNIT	CONSTRUCTION ENGINEERING		ROADWAY		PROJECT TOTAL (BOP to EOP)	
NO.				USE	FINAL	USE	FINAL	USE	FINAL
1	4.010	CONSTRUCTION STAKING & SURVEYING, PROJECT AS-BUILTS, COMPLETE	LS	LS				LS	
2	6.010	MOUNTING, INSTALLATION & MAINTENANCE OF PROJECT IDENTIFICATION SIGN, INCL. PLYWOOD, POSTS, AND FOUNDATIONS, CIP.	EACH	2				2	
3	19.010	CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPLETE	LS	LS	41 A		A (I) MAIN AS PARAMANAN MAIN AND PARAMANAN MAIN AND PARAMANAN MAIN AND PARAMANAN MAIN AND PARAMANAN MA	LS	
4	301.020	SUBGRADE PREP. 12" AT 95% COMPACTION, CIP.	SQ YD			70		70	
5	302.010	AGGREGATE BASE COURSE, CRUSHED, 6" THICK, PLACE AND COMPACT, CIP.	SQ YD			70		70	
6	336.010	PRIME COAT, EMULSIFIED ASPHALT, CIP.	SQ YD			70		70	
7	340.023	WHEELCHAIR ACCESS RAMP, 4" PCC, STD. CURB.,CIP	SQ YD			60		60	
8	340.029	DETECTABLE WARNING SURFACES FOR ADA RAMPS	SQ FT			40		40	
9	340.061	CURB AND GUTTER, MOUNTABLE MEDIAN PC CONCRETE INCLUDING SUBGRADE PREPARATION, CIP PER COA DWG 2415B.	LIN FT			210		210	
11	340.06	CURB & GUTTER, MEDIAN, PORTLAND CEMENT CONCRETE, CIP	LIN FT			100		100	
12	343.020	EXISTING PAVEMENT, ASPHALT CONCRETE, UP TO 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	SQ YD			250		250	
13	343.112	RESIDENTIAL PAVEMENT, EXISTING, REMOVE & REPLACE, INCL. 2" EXTRA ASPHALT THICKNESS, WITH MACHINE LAYDOWN, & WITH PROCESSING EXISTING SUBBASE MATERIAL, ANY THICKNESS, CIP.	SQ YD			70		70	
14	346.100	TEXTURED MEDIAN PAVEMENT, 4" THICK, COLORED PC CONCRETE, INCL. SUBGRADE COMPACTION, CIP.	SQ FT			1,320		1,320	
15	441.001	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP.	LIN FT			16,000		16,000	
16	441.002	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 6" WIDTH, CIP.	LIN FT			7,000		7,000	
17	441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP.	LIN FT			60		60	
18	441.040	REFLECTORIZED PLASTIC PAVEMENT MARKING ARROW, SYMBOL OR WORD, CIP.	EACH			32		32	
19	441.012	REFLECTORIZED PLASTIC ARROW, THRU, CIP.	EACH			9		9	
20	441.031	REFLECTORIZED PLASTIC SYMBOL, BICYCLE, CIP.	EACH			9		9	
21	441.032	REFLECTORIZED PLASTIC SYMBOL, BIKE SHARROW, CIP.	EACH			13		13	
22	443.101	REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL.	LIN FT			11,950		11,950	
23	450.001	ALUMINUM PANEL SIGN, CIP.	SQ FT			220		220	
24	450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP	LIN FT			390		390	
25	450.###	VERTICAL TUBULAR MARKINGS	EA			120		120	
26	621.410	MOBILIZATION	LS	LS				LS	
	ABCWUAITEM NO								
27	920.400	EXISTING MANHOLE FRAM & COVER, ADJUST TO GRADE WITH METAL RINGS, 2" OR LESS, CIP. SD 2111	EA			1		1	
28	801.112	VALVE BOX, RING & COVER, ADJUST TO GRADE, CIP. SD 2328	EA			1		1	





CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

DESIGNED 3.1.1.

DRAWN BY: TGO
CHECKED BY: CLL
DATE

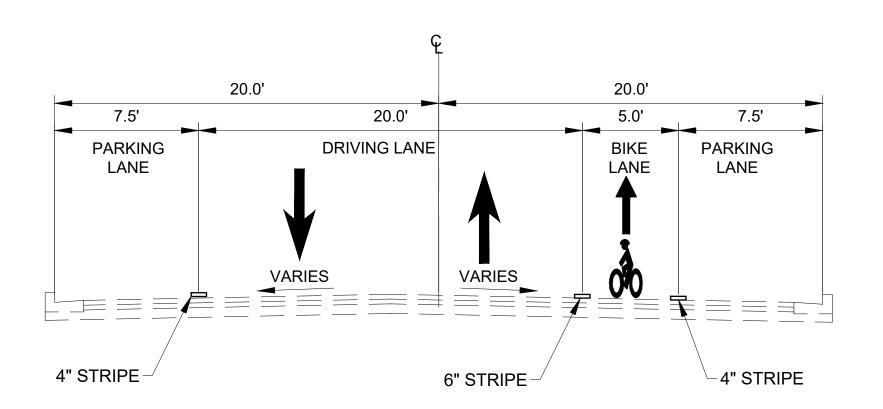
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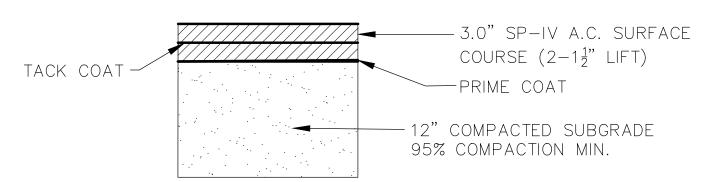
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

SUMMARY OF QUANTITIES

ESIGN REVIEW COMMITTE	E CITY ENGINEER APPROVAL	ZONE MAP NO.
		J-11 & K-11
		CITY PROJECT NO. 803002
		SHEET NO. 5

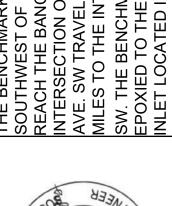


PROPOSED ROADWAY TYPICAL SECTION STA. 0+00 TO STA. 34+31.59



TYPICAL PAVEMENT SECTION N.T.S.

Albuquerque, New Mexico 87109
PH (505) 348-4000
FAX (505) 348-4055
www.wilsonco.com





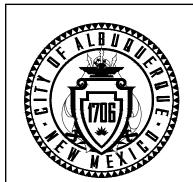
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CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

DESIGNED 51.

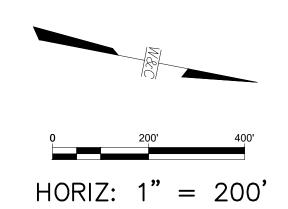
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DATE CHECKED BY: CLL 06/2022 CITY OF ALBUQUERQUE



DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

TYPICAL SECTION

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL ZONE MAP NO. J-11 & K-11 CITY PROJECT NO. 803002 SHEET NO.





# PROJECT BENCHMARK

The benchmark is located 2.7 miles southwest of downtown Albuquerque. To reach the benchmark from the intersection of Old Coors Dr. and Central Ave. SW travel south on Old Coors 0.20 mile to the intersection of Churchill Rd. SW. The benchmark is a 1 3/4" metallic disk epoxied to the top of a concrete drop inlet located in the northwest quadrant of intersection stamped "ACS BM 21-K11".

BM-21 N=1484674.082 E=1506645.834 EL=5014.938 (PROJECT DATUM) LOCATED AS SHOWN ON PLAN

# PROJECT CONTROL

Coordinates shown are NAD83 New Mexico State Plane, Central Zone, US Foot. Project control established by OPUS solution at "CP-700" as listed below.

<u>CP-700</u> N=1487851.207 E=1505602.665 EL=5090.561 DESC=BAR W/CAP <u>CP-701</u> N=1487718.771 E=1505691.603 EL=5089.890 DESC=BAR W/CAP

<u>CP-702</u> N=1488848.178 E=1505616.363 EL=5091.388 DESC=NAIL W/SHINER

<u>CP-703</u> N=1488944.269 E=1505571.641 EL=5093.222 DESC=NAIL W/SHINER

<u>CP-704</u> N=1486804.691 E=1505919.913 EL=5075.149 DESC=NAIL W/SHINER <u>CP-705</u> N=1486723.156 E=1505887.668 EL=5074.073 DESC=NAIL W/SHINER <u>CP-706</u> N=1486118.058 E=1506057.957 EL=5043.324 DESC=NAIL W/SHINER <u>CP-707</u> N=1486037.157 E=1506122.255 EL=5039.116 DESC=NAIL W/SHINER





DESIGNED BY: AVG DRAWN BY: TGO CHECKED BY: CLL



**CALL NM ONE-CALL** SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

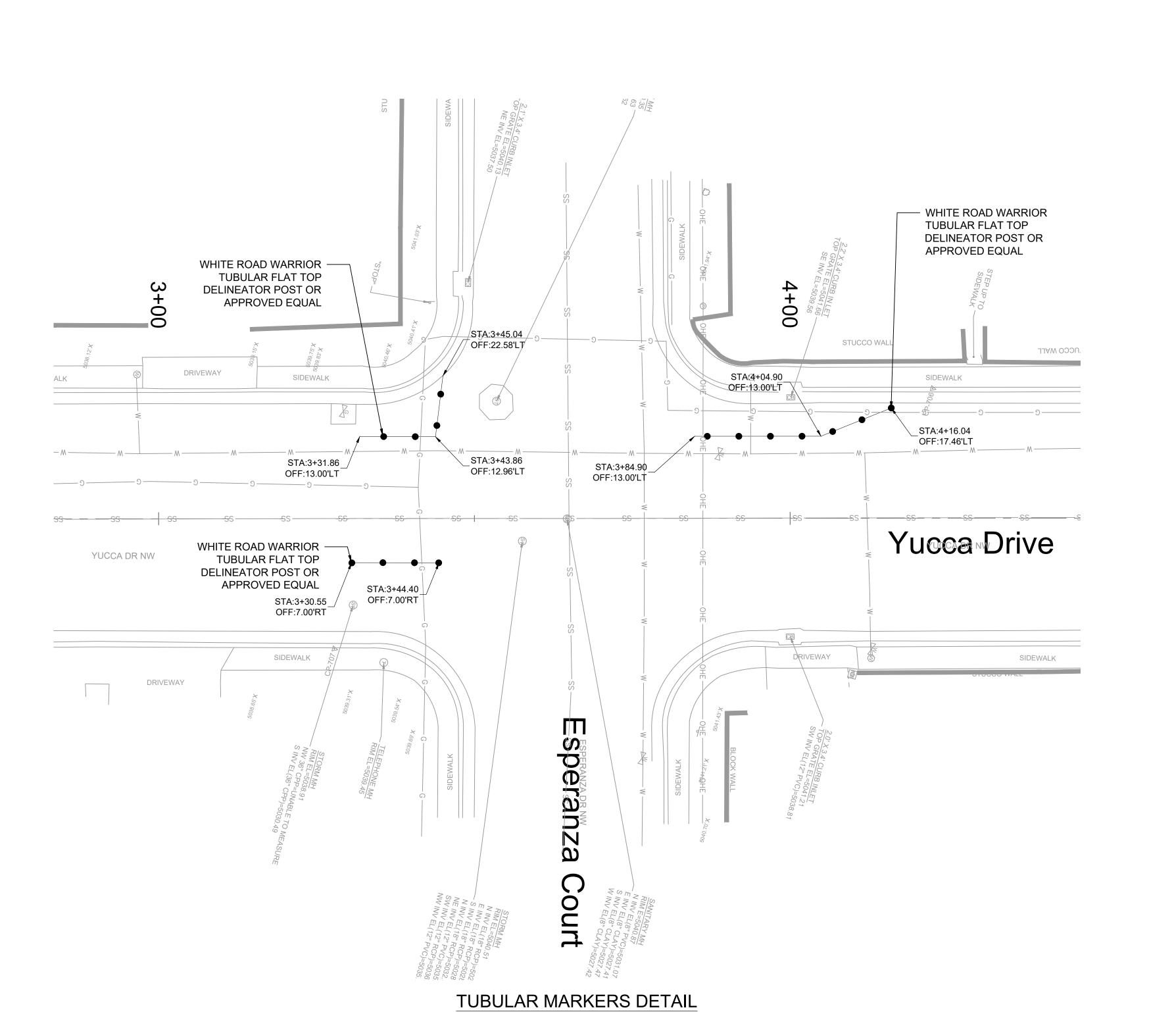
DATE 06/2022 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT



TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

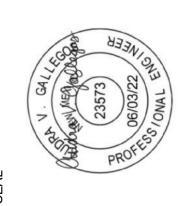
GEOMETRY PLAN

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. J-11 & K-11 CITY PROJECT NO. 803002 SHEET NO.



&COMPANY

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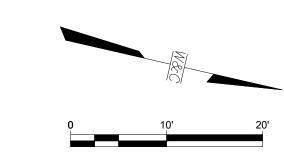
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PRIOR TO ANY EXCAVATION

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DATE DRAWN BY: TGO
CHECKED BY: CLL
DATE 06/2022

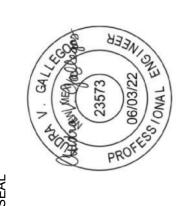
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

ESPERANZA COURT PLAN

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. | J-11 & K-11 CITY PROJECT NO. 803002 SHEET NO. 8







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SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

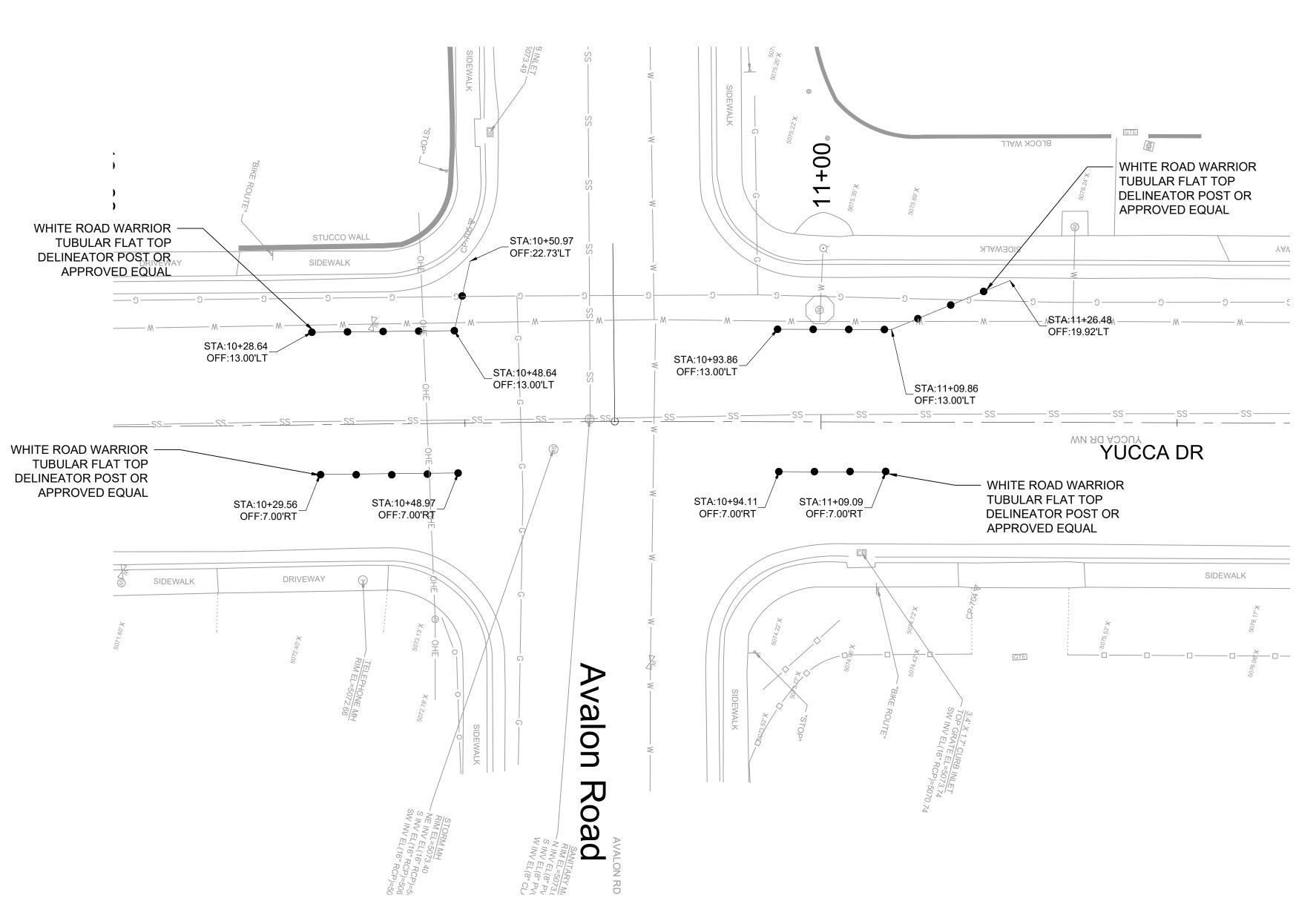
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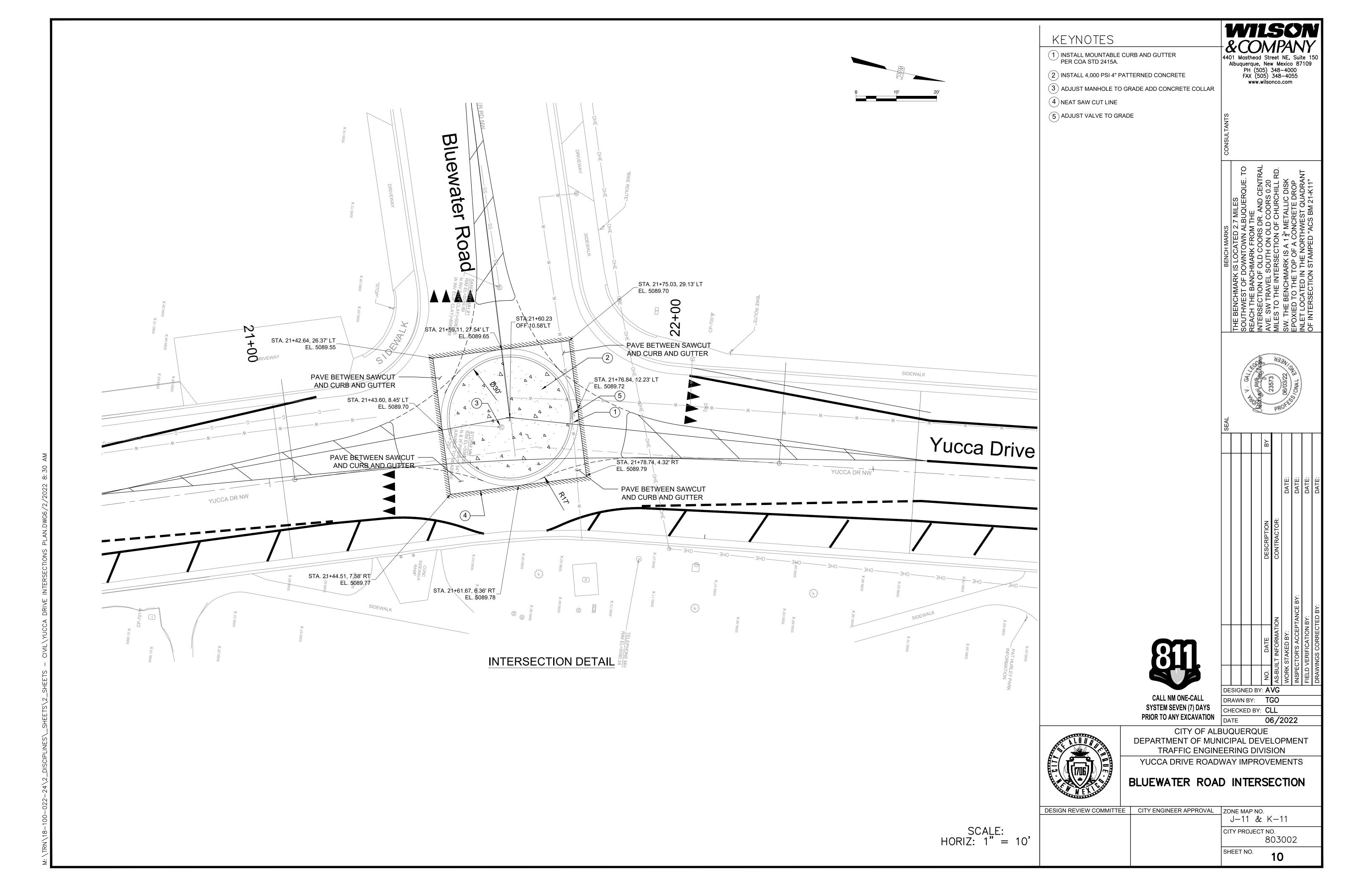
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

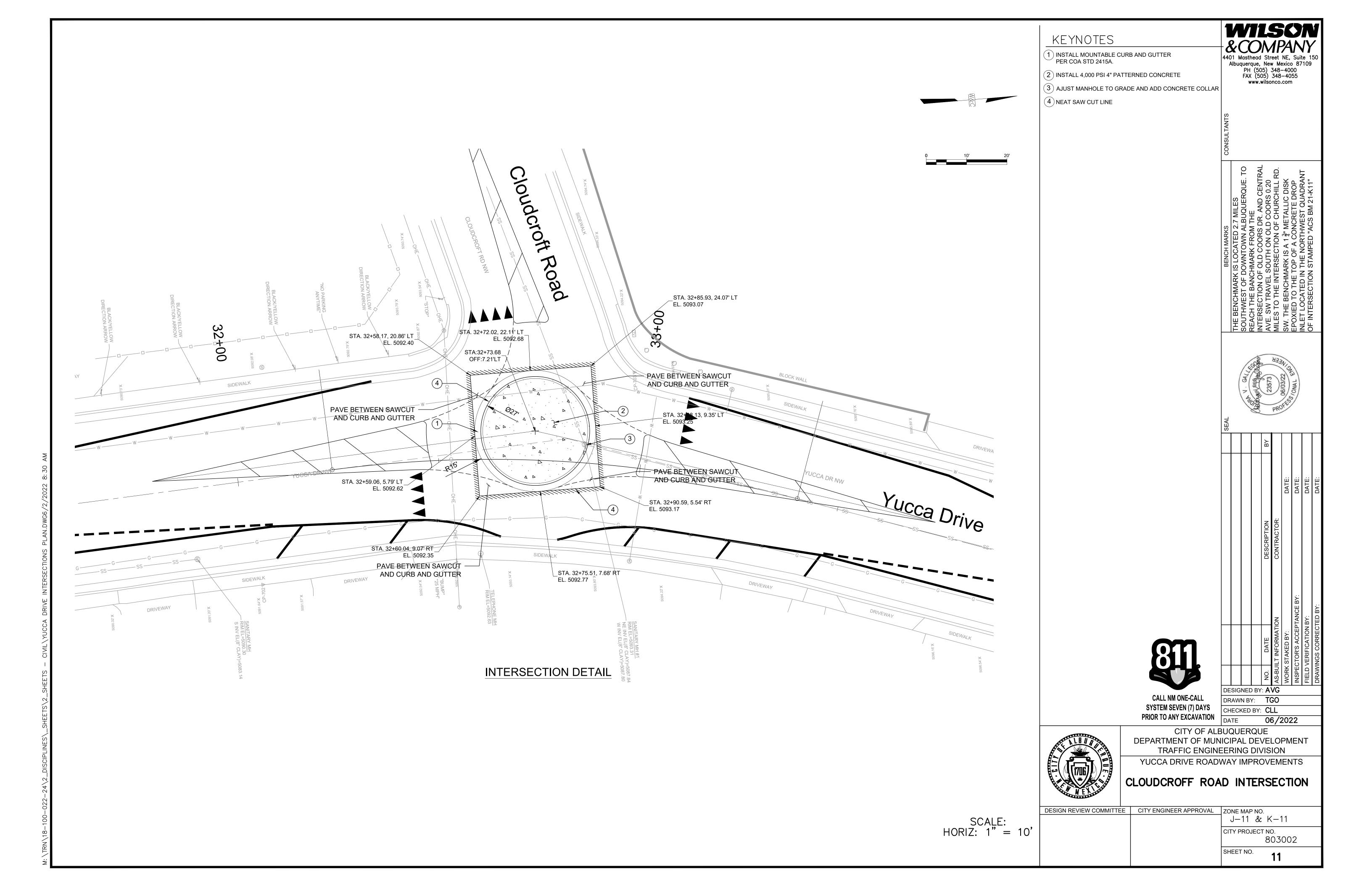
# AVALON ROAD PLAN

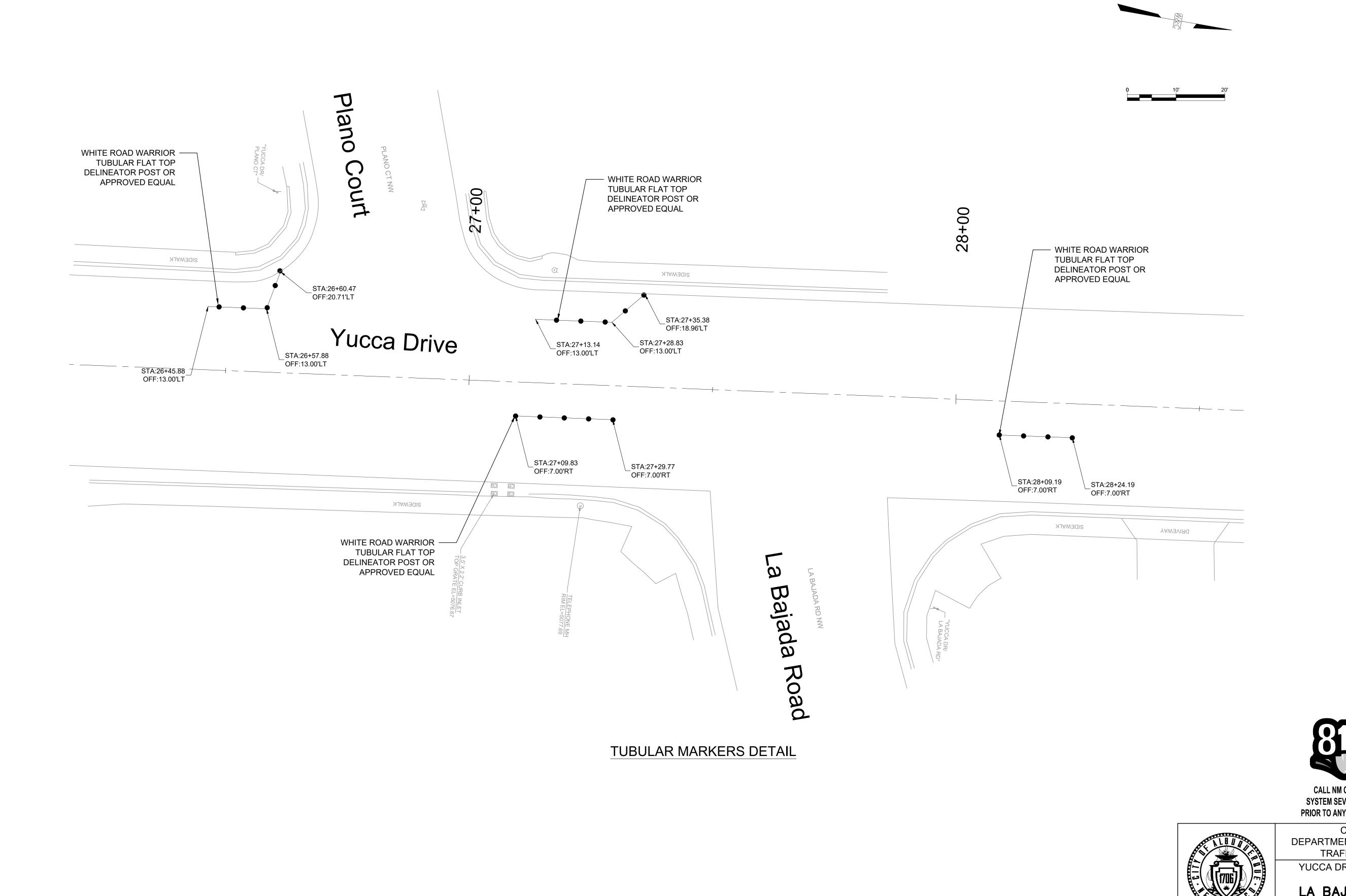
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TUBULAR MARKERS DETAIL







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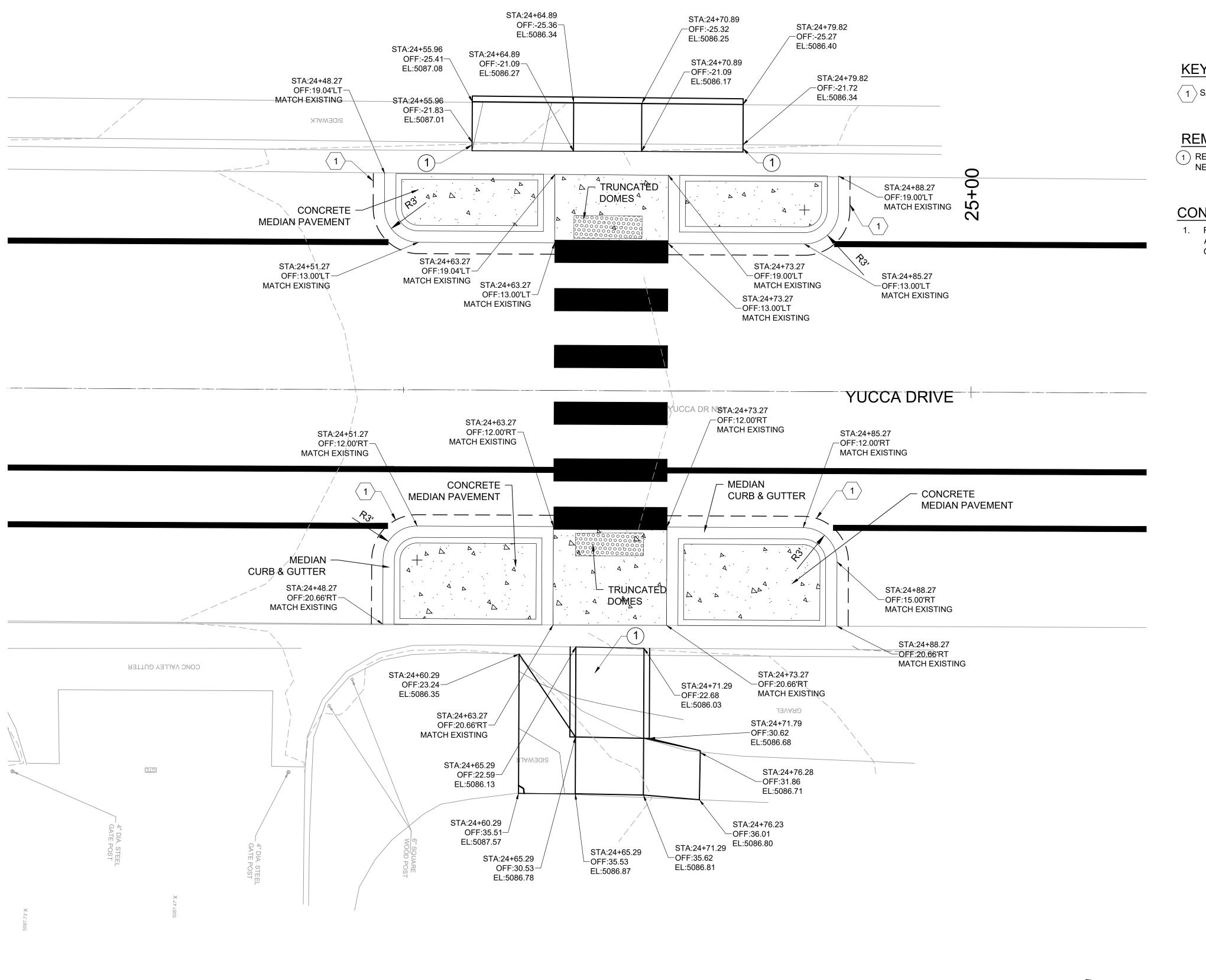
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DATE DRAWN BY: TGO
CHECKED BY: CLL
DATE 06/2022 CITY OF ALBUQUERQUE

12

DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

LA BAJADA ROAD & PLANO COURT PLAN

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. | J-11 & K-11 CITY PROJECT NO. 803002 SHEET NO.



**KEYED NOTES** 

igg(1) SAWCUT LINE FOR REMOVAL OF EXISTING ASPHALT

#### REMOVAL KEYED NOTES

(1) REMOVE CURB, GUTTER AND SIDEWALK TO THE **NEAREST JOINT** 

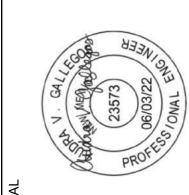
#### **CONSTRUCTION NOTES**

FOR PERMANENT SIGNING & STRIPING SEE SHEETS 14 THRU 17 ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.

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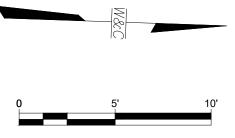
DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

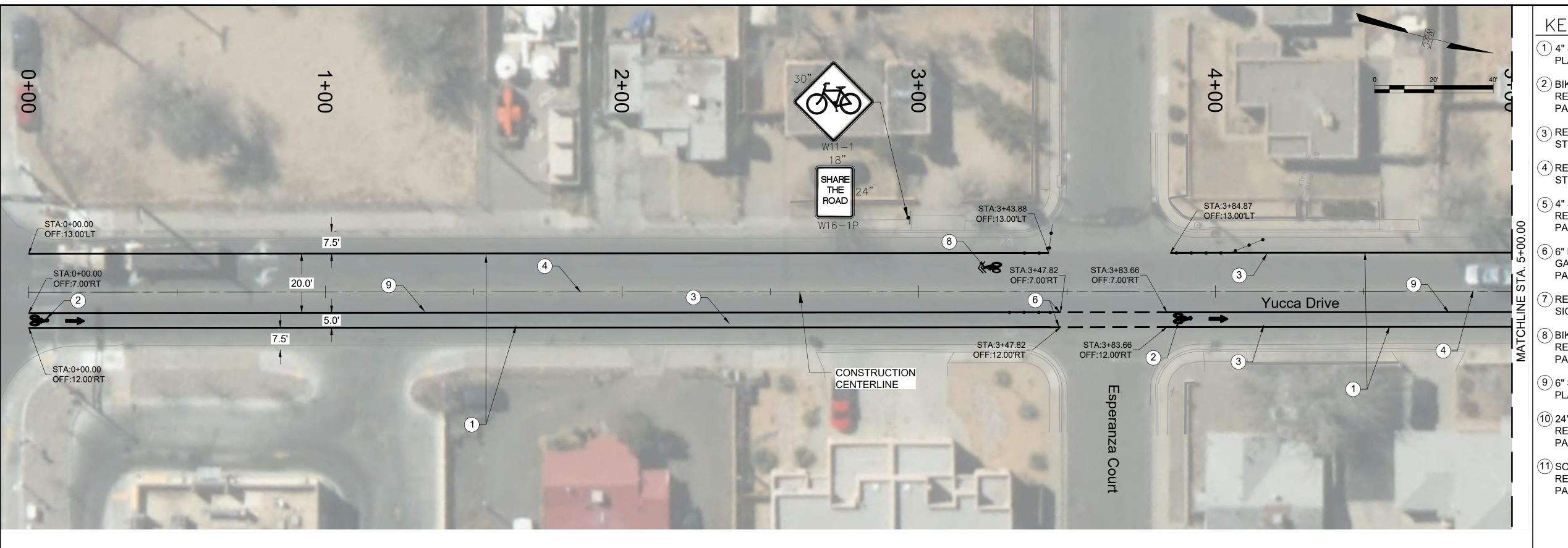
CROSSWALK DETAIL

SHEET NO.

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ADA RAMP CROSSING DETAIL

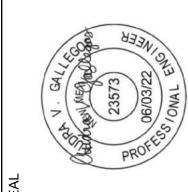




#### KEYNOTES

- 1 4" SOLID WHITE REFLECTORIZE PLASTIC PAVEMENT MARKING
- 2) BIKE SYMBOL AND ARROW REFLECTORIZED PLASTIC PAVEMENT MARKING
- 3 REMOVE EXISTING WHITE STRIPE
- (4) REMOVE EXISTING YELLOW STRIPE
- (5) 4" SOLID YELLOW REFLECTORIZED PLASTIC PAVEMENT MARKING
- 6) 6" DOTTED WHITE (2' STRIPE, 4' GAP) REFLECTORIZED PLASTIC PAVEMENT MARKING
- REMOVE AND SALVAGE EXISTING
- BIKE SYMBOL AND SHARROW REFLECTORIZED PLASTIC PAVEMENT MARKING
- (9) 6" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- (10) 24" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- 11) SOLID WHITE YIELD LINE REFLECTORIZED PLASTIC PAVEMENT MARKING





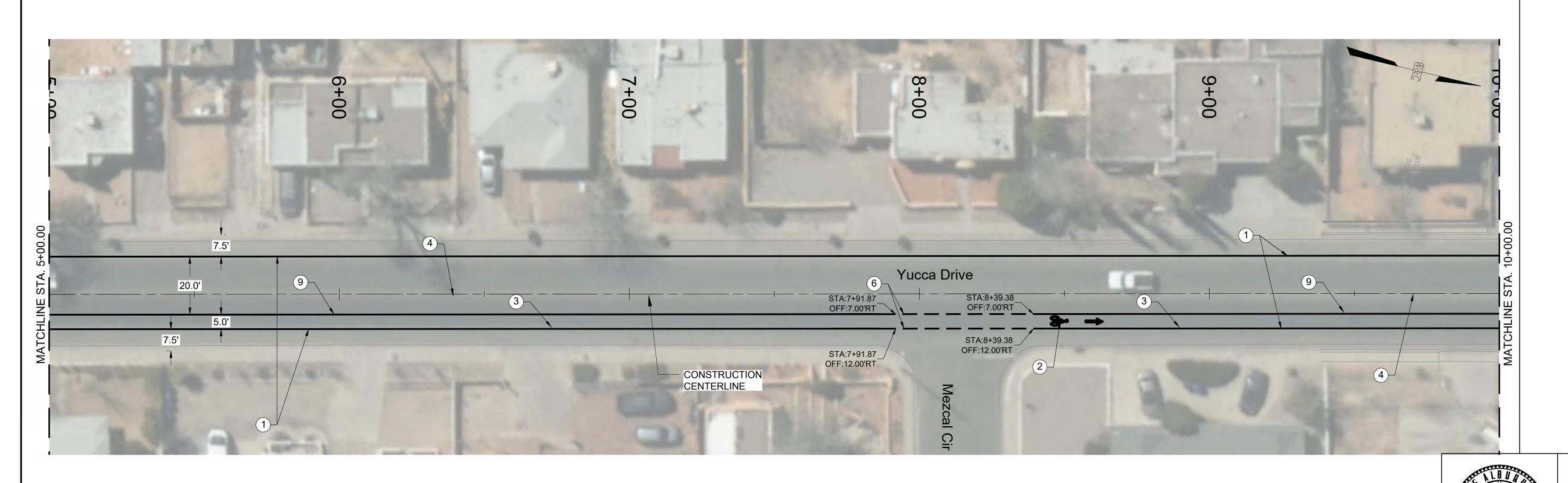


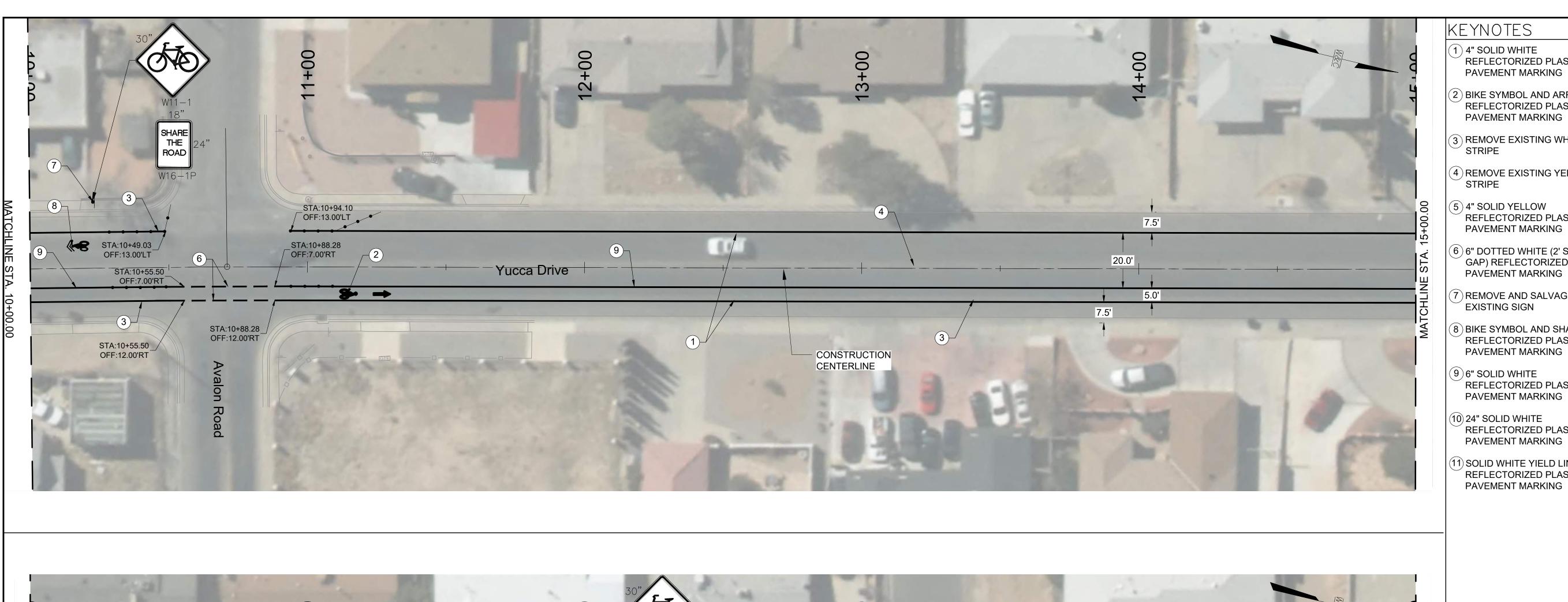
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DESIGNED BY: AVG DRAWN BY: TGO CHECKED BY: CLL DATE 06/2022 CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS STRIPING PLAN

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. J-11 & K-11 CITY PROJECT NO. 803002 SCALE: HORIZ: 1" = 20' SHEET NO. 14

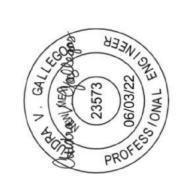






- 1) 4" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- 2) BIKE SYMBOL AND ARROW REFLECTORIZED PLASTIC
- 3 REMOVE EXISTING WHITE
- STRIPE
- (4) REMOVE EXISTING YELLOW STRIPE
- 5) 4" SOLID YELLOW REFLECTORIZED PLASTIC PAVEMENT MARKING
- (6) 6" DOTTED WHITE (2' STRIPE, 4' GAP) REFLECTORIZED PLASTIC PAVEMENT MARKING
- 7) REMOVE AND SALVAGE **EXISTING SIGN**
- (8) BIKE SYMBOL AND SHARROW REFLECTORIZED PLASTIC PAVEMENT MARKING
- (9) 6" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- (10) 24" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- 11) SOLID WHITE YIELD LINE REFLECTORIZED PLASTIC PAVEMENT MARKING





CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

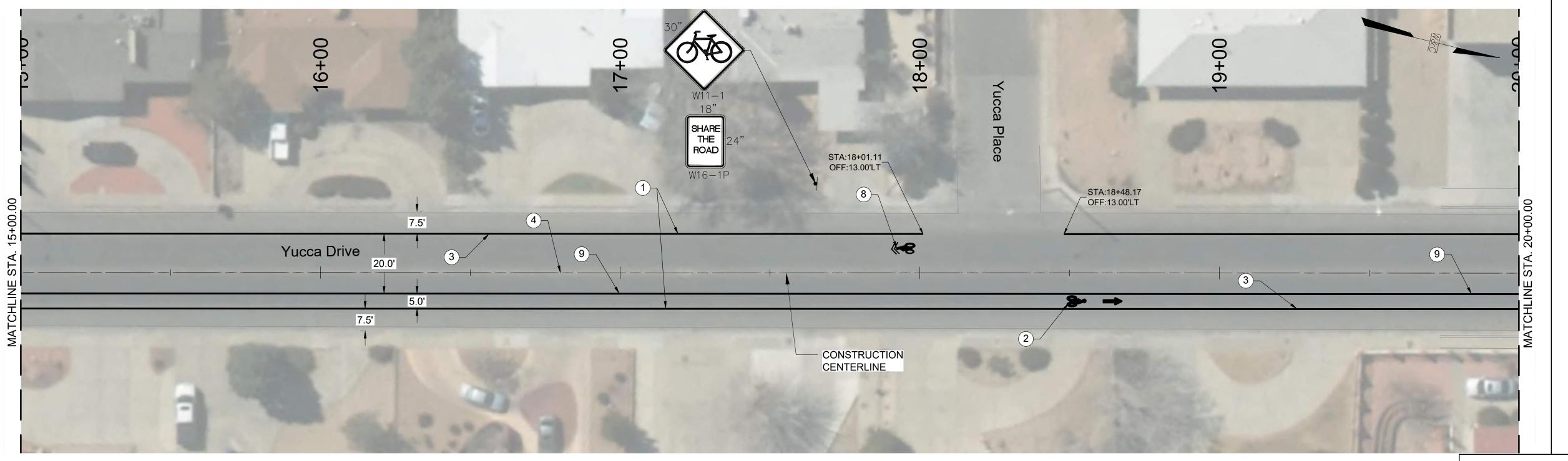
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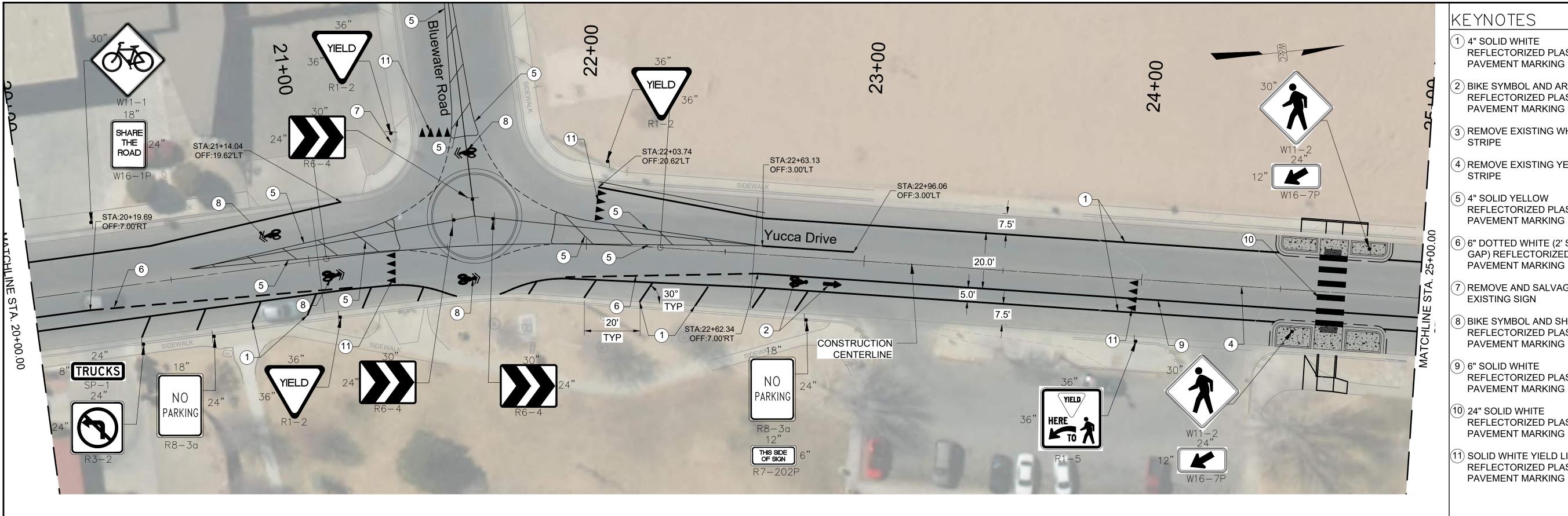
DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

STRIPING PLAN

DESIGN REVIEW CC

		SHEET NO. 15
		CITY PROJECT NO. 803002
		J-11 & K-11
OMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.





### KEYNOTES

- 4" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
  - BIKE SYMBOL AND ARROW REFLECTORIZED PLASTIC
  - PAVEMENT MARKING REMOVE EXISTING WHITE
- 4) REMOVE EXISTING YELLOW STRIPE
- (5) 4" SOLID YELLOW REFLECTORIZED PLASTIC
- 6) 6" DOTTED WHITE (2' STRIPE, 4 GAP) REFLECTORIZED PLASTIC PAVEMENT MARKING
- REMOVE AND SALVAGE **EXISTING SIGN**
- BIKE SYMBOL AND SHARROW REFLECTORIZED PLASTIC PAVEMENT MARKING
- 6" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- (10) 24" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- 1) SOLID WHITE YIELD LINE REFLECTORIZED PLASTIC PAVEMENT MARKING

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YUCCA DRIVE ROADWAY IMPROVEMENTS

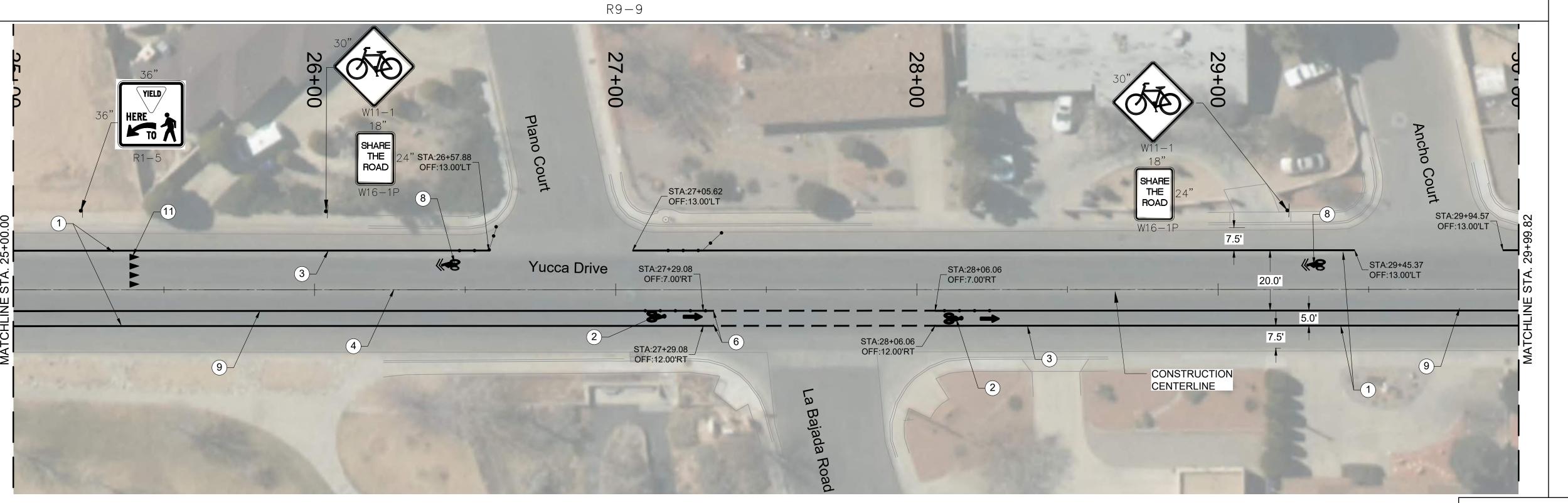
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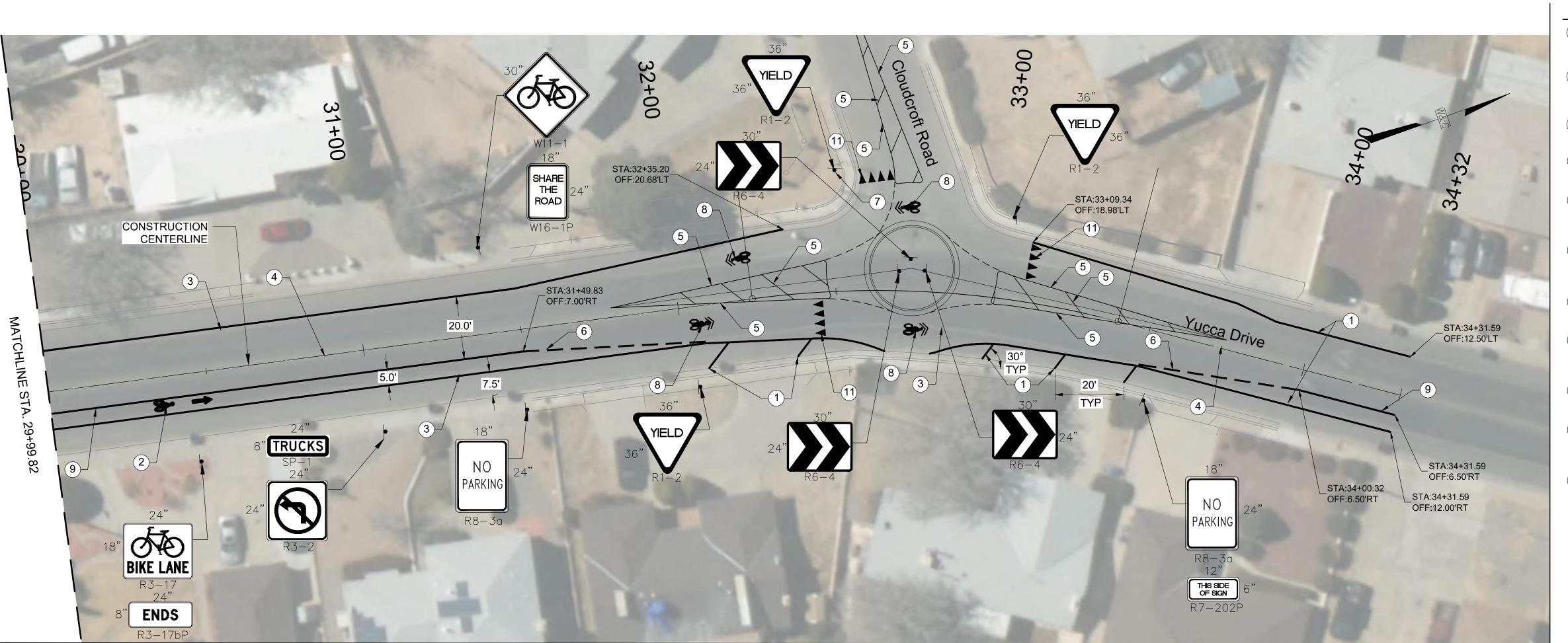
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION

STRIPING PLAN

SCALE: HORIZ: 1" = 20'

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. J-11 & K-11 CITY PROJECT NO. 803002 SHEET NO. 16

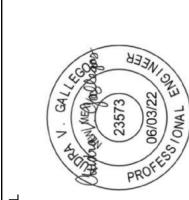


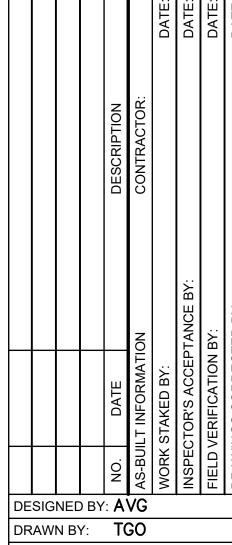


#### KEYNOTES

- (1) 4" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- 2 BIKE SYMBOL AND ARROW REFLECTORIZED PLASTIC PAVEMENT MARKING
- (3) REMOVE EXISTING WHITE STRIPE
- (4) REMOVE EXISTING YELLOW STRIPE
- (5) 4" SOLID YELLOW REFLECTORIZED PLASTIC PAVEMENT MARKING
- (6) 6" DOTTED WHITE (2' STRIPE, 4' GAP) REFLECTORIZED PLASTIC PAVEMENT MARKING
- (7) REMOVE AND SALVAGE **EXISTING SIGN**
- (8) BIKE SYMBOL AND SHARROW REFLECTORIZED PLASTIC PAVEMENT MARKING
- (9) 6" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- (10) 24" SOLID WHITE REFLECTORIZED PLASTIC PAVEMENT MARKING
- (11) SOLID WHITE YIELD LINE REFLECTORIZED PLASTIC PAVEMENT MARKING









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DEPARTMENT OF MUNICIPAL DEVELOPMENT TRAFFIC ENGINEERING DIVISION YUCCA DRIVE ROADWAY IMPROVEMENTS

STRIPING PLAN

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL ZONE MAP NO. J-11 & K-11 CITY PROJECT NO. 803002 17