CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS

LOMAS BOULEVARD AND 14TH STREET BICYCLE CROSSING COA Project 7703.22



END OF PROJECT LOMAS BOULEVARD STA. 16+20.00

VICINITY MAP
ZONE ATLAS MAPS: J13

SCALE 1:500 PROJECT LENGTH = 620 FT

PURPOSE OF PROJECT

MEDIAN CLOSURE TO FACILITATE BICYCLE
CROSSING INCLUDING CURB & GUTTER,
MEDIAN PAVEMENT, AND SIGNING &
STRIPING IMPROVEMENTS



REV.	CITY ENG	SINEER	DATE	USER DEPAR	TMENT	DAT			DATE
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1		PROJEC	CT NO.						
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					AS BUILT INFORMATION CONTRACTOR NUMBER OF DATE NUMBER OF DATE CORRECTION OF DATE CORRECTION OF DATE MICRO-FILM INFORMATION RECORDED BY DATE NO.
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					BENCH MARKS E COA GEODETIC CONTROL STATION "12_JI3 1983". 3.25" ALUMINUM DISC SET IN TOP OF CURB GROUND 4.26" NORTH OF CENTERLINE ON LOMAS BOLLEVARD AND 34.0" WEST OF CENTERLINE ON INT STREET. IN STREET. IN HARBOZES.084, E=1517168.92 NAVD 88 ELEV. = 4957.502
	SHEET NO. DESCRIPTION 1-1 COVER SHEET	GROUP GENERAL PROJECT INFORMATION	-		SURVEY INFORMATION FIELD NOTES NO. BY DAT
	1-2 INDEX OF SHEETS 1-3 GENERAL NOTES				ORM
	1-4 SUMMARY OF QUANTITIES 2-1 REMOVAL PLAN	ROADWAY PLANS	_		INF INF
	2-2 TO 2-4 ROADWAY TYPICAL SECTION DETAILS				SVE Y
	2-5 MISCELLANEOUS DETAILS				SUR.
	3-1 HORIZONTAL LAYOUT SURVEY CONTROL 3-2 INTERSECTION PLAN				
	3-3 INTERSECTION PLAN DETAILS				SEAL SEAL
	5-1 SIGNING AND STRIPING NOTES AND QUANTITIES 5-2 SIGNING AND STRIPING PLAN				/0\Z\\ MEX\Z\\
	COA STANDARD DETAILS FOR SIGNING & STRIPING (SECTION 5-3 & 5-4 2900)	N			(15352)) iii
		UTILITY PLANS	-		CO (EE) (15352) (EE) (EE) (EE) (EE) (EE) (EE) (EE) (E
	7-1 EXISTING UTILITY PLAN		-		
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				CITY OF ALBUQUERO DEPARTMENT OF MUNICIPAL [QUE DEVELOPMENT
				ENGINEERING DIVISI	SION
				LOMAS BOULEVARD AND 14 BICYCLE CROSSING	IG I
				INDEX OF SHEETS DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL	MO./DAY/YR. MO./DAY/YR.
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				City Project No. Zone Map No.	lo. Sheet
Jt\33747 COA OnCall Engineering Sizes 7703.10\03 Task Orders\Scope XX — Task 08 — Lomas and 14th Bicycle Crossing\04 Engineering — PCN∯\Plans\1_Sheets\Index of Sheet	s.dwg Jul 26, 2017 - 10:35am Saved By: apodacase			COA 7703.22 J13	1-2

- SPECIFICATIONS: ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 1986 EDITION, UPDATE 9.
- BUSINESS ACCESS: THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AS WELL AS RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL MAINTAIN ONE DIRECTION OF TRAVEL AT ALL TIMES. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 48 HOURS IN ADVANCE WITH PROPERTY OWNERS AND THE CITY ENGINEER. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- CONSTRUCTION SCHEDULE: SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A CONSTRUCTION SOLEDULE, THAT SHALL BE SUBMITTED AND UPPATED IN ACCORDANCE WITH THE CONTRACT WO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENDIERER (924-340) PRIOR TO OCCUPYING AN INTERSECTION. THIS WORK SHALL BE INCLUDED IN PAY ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.)
- THE CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 AM NOR CONTINUE WORK AFTER 7:00 PM WITHOUT THE APPROVAL OF THE COA CONSTRUCTION ENGINEER.
- NM ONE-CALL: TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 811, FOR LOCATION OF EXISTING UTILITIES.
- <u>PERMITS</u> CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. PERMITS SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED WORK PERFORMED.
- 24—HOUR CONSTRUCTION: ALL WORK IMPACTING ARTERIAL ROADWAY MAY REQUIRE 24—HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY. THE CONSTRUCTION COORDINATION EIGNIERES NALL DETERMINE IF MARKTHON CONSTRUCTION IS REQUIRED AND CORDINATE WITH THE CONTRACTOR.
- INTERSECTION WORK: CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON—SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
- <u>OVERNIGHT PARKING</u>: OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- . CLEAR ZONE: THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 3 FEET FROM THE FACE OF CURB. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL. WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHILLEDE UTILIZING CURRENT SAFETY DESION AND INSTALLATION METHODS. THE SAFETY DESION FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE CONSTRUCTION ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- REGULATORY SIGNS: THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REQUIATORY SIGNS AND SIGNALS THAT NEED TO BE REMOYED, RELOCATED, OR REINSTALLED, CALL 857–8680. REFER TO SECTION 18.4.4 OF THE SPECIFICATIONS.
- 2. SURVEY MONUMENTS: THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE 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. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANCE IS MADE IN THE FINISHED ELEVATION OF THE PAYMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT THE CONTRACTOR'S EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- S. CONSTRUCTION LIMITS: THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNICHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
- BUILDING DAMAGE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ADJACENT TO THE PROJECT NOT BE DAMAGE DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR; INCLUDING ALL COSTS INCLURED IN RESTORING/REPAIRING SAID DAMAGE.
- PEDESTRIAN ACCESS: THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THIS WORK. THIS PLAN SHALL INCLUDE THE METHOD PROPOSED TO MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES, SCHOOLS, HOSPITALS, BUILDINGS, ETC. THROUGHOUT THE PEDESTRIAN IMPROVEMENTS CONSTRUCTION IN PARTICULAR. THE CONTRACTOR, AT MINIMUM, SHALL MAINTAIN A 48" CLEAR PATH FOR PEDESTRIANS SO AS TO MEET ADA ACCESSIBILITY REQUIREMENTS. ALL TEMPORARY PEDESTRIAN FACILITIES IMPLEMENTED DURING CONSTRUCTION SHALL COMPLY WITH ADA STANDARDS. THIS WORK SHALL BE PAID FOR UNDER TIEM 19.01D, CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL
- . AS_BUILTS: THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS_BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT ENGINEER. THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT ENGINEER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS_BUILT PLANS SHALL BE SUBMITTED AND ACCEPTED BY THE PROJECT ENGINEER PRIOR TO FINAL PAYMENT. AS BUILT PLANS SHALL BE INGIDENTAL TO THE CONSTRUCTION OF THE PROJECT.
- CRAFFITI: THE CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT AND ROADWAY FEATURES, WHETHER PERMANENT OR TEMPORARY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASURE OR PAYMENT WILL BE MADE THEREFOR.
- . <u>CONSTRUCTION SIGNING</u>: CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT IS ACCEPTED BY THE CITY.
- NON—VIBRATORY ROLLER: THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35 TON MAXIMUM NON—VIBRATORY ROLLER TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKENT, AND SUBGRADES IN URBAN AREAS. WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
- 20. <u>EXISTING TIE-IN</u>: CURB AND GUTTER SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- 22. <u>SAW CUT</u>: WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 343.140, EXISTING PAVEMENT, ASPHALT CONCRETE, MORE THAN 6" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.
- 23. FIELD VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO FINISHED GRADE TO COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.
- 24. DAMAGE REPAIR: THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT STRIPING & MARKINGS, CURB AND CUTTER, DRIVEPADS, CURB RAMPS, SIGNAGE AND SIEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REMOVE AND CEPLACE AS PER PROVIAG STANDARDS AT THEIR OWN EXPENSE. DAMAGED PAVEMENT STRIPING & MARKINGS SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

- 25. <u>REMOVALS</u>: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. SEE SHEET 2-1 OF PLANS FOR REMOVAL QUANTITIES.
- 26. CONCRETE REMOVAL: WHEN REMOVAL OF EXISTING CURB AND GUTTER IS REQUIRED, CONTRACTOR SHALL REMOVE TO
- 27. <u>DISPOSALS</u>: ALL CONSTRUCTION DEBRIS, SPOIL AND NON-SALVAGEABLE ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND PROPER DISPOSAL OF THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 2010.1, CLEARING & GRUBBING.
- 28. <u>BACKFILL COMPACTION</u>: ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AND COA STD. DWG. 2465 AS APPLICABLE.
- 29. <u>OSHA REQUIREMENTS</u>: EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR EMPLOYEES SAFETY.
- 30. EXISITING UTILITIES IN PLAN: ALL EXISTING UTILITIES SHOWN HEREIN WERE COMPILED BY COBB FENDLEY & ASSOC., AND TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, C.O.A. SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE CONTRACTORS RESPONSIBILITY TO FIELD VERIEY HORIZONTAL AND VERTICAL LOCATIONS AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED AND TO PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA.
- 31. AVOIDING UTILITIES: THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD THE CONTRACTOR BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.
- 32. ADJUSTING UTILITIES: ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS. THIS WORK SHALL BE COORDINATED WITH EACH UTILITY. A UTILITY COORDINATION MEETING SHALL BE SET UP BY THE CONTRACTOR A MINIMUM OF ONE (1) WEEK PRIOR TO ANY CONSTRUCTION ACTIVITY. COORDINATION OF UTILITY RELOCATION SCHEDULES SHALL BE DETAILED AT THIS MEETING. EACH UTILITY WILL BE RESPONSIBLE FOR THE COST OF THE WORK. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 33. <u>UTILITY RELOCATIONS</u>: THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATION WORK BY THE UTILITY OWNERS MAY HAVE TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS.
- 34. MATCHING EXISTING GRADES: WHERE A PROFILE GRADE IS NOT PROVIDED IN THE PLANS, STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES. CROSS SECTION THE EXISTING ROAD PRIOR TO CONSTRUCTION AS NEEDED TO MATCH EXISTING (50' MIN.). MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE RECESSARY AND WILL BE DIRECTED BY THE PROJECT ENCINEER. MINOR ADJUSTMENTS TO THE STREET GRADES WILL BE CONSIDERED INCIDENTAL TO THE PAVING BID ITEMS. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT BEING REPLACE. TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS, MUST BE RESTORED TO THE SAME OR BETTER CONDITION AS BEFORE CONSTRUCTION. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. CONTRACTOR SHALL GRADE THE MEDIANS TO DRAIN TO DRAINAGE STRUCTURES. FINAL MEDIAN GRADING WILL BE DONE BY OTHERS, POST—CONSTRUCTION.
- 35. IF HUMAN REMAINS ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE ALL WORK, AND CONTACT THE OFFICE OF MEDICAL EXAMINER FOR FURTHER INSTRUCTIONS.
- 36. <u>DROP-OFF POLICY</u> IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMBOT'S CURRENT "DROP-OFF-GUIDELINE". THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEFEFOR
- 37. VIBRATION MONITORING AND VIDEO TAPING DOCUMENTATION SHALL BE PERFORMED IN AND AROUND ALL STRUCTURES AS SHOWN ON THE DRAWINGS. "STRUCTURE" IS DEFINED AS BUILDINGS, RETAINING AND PROVIDE ALL SIROUTERS, AS SHOWN ON THE DRAWINGS. "STRUCTURE" IS DEFINED AS BUILDINGS, RETAINING AND PRIVACY WALLS, END WALLS, ROD WILETS, CATCH BASINS, SEWER AND SERVICE PIPES, DRAINS AND OTHER FEATURES THAT MY BE ENCOUNTERED DURING CONSTRUCTION. THE CONSTRUCTION SHALL BE VIDED TAPED. WIRATION MONITORING AND VIDEO TAPING DOCUMENTATION SHALL BE PAID FOR UNDER ITEM 621.XXI — VIBRATION MONITORING. AND ITEM 621.XXZ — VIDEATIONS OF TAPING.
- 38. <u>SUBGRADE PREPARATION</u>: THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK, OR TO THE RIGHT-OF-WAY.
- 39. 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 WELL COLLECTORS, TRANSMISSION LINES, OR 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 ONLINE AT http://www.abcwua.org/Water_Shut_off_and_Turn_on_Procedures.aspx.
- 40. PUBLIC INFORMATION: COORDINATION WITH THE CITY OF ALBUQUERQUE PUBLIC INFORMATION OFFICE (PIO), WHO WILL ADVISE THE PUBLIC OF CONSTRUCTION FOR THE DURATION OF THE PROJECT. ANY IMPACT TO THE ACCESS OF BUSINESSES SHALL BE COORDINATED SEVEN (7) DAYS IN ADVANCE WITH THE CITY OF ALBUQUERQUE AND BUSINESS.
- 41. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS FOR THE REPAIR OF ANY AND ALL DAMAGE TO THE WORK OR ANY UTILITY (WHICH PREVIOUSLY KNOWN AND DISCLOSED BY THE UTILITY) AS MAY BE CAUSED BY THEIR OPERATIONS. UTILITIES NOT SHOWN ON THE DRAWNIGS TO BE RELOCATED OR ALTERED SHALL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. UTILITIES WHICH ARE RELOCATED BY OTHERS IN ORDER TO AVOID INTERFERENCE WITH STRUCTURES AND WHICH CROSS THE WORK SHALL BE MAINTAINED IN THEIR RELOCATED POSITIONS BY THE CONTRACTOR, ALL COST FOR SUCH WORK SHALL BE AT THE CONTRACTOR'S EXPENSE WITHOUT CHANGE I CONTRACT PRICE.
- 42. THE CONTRACTOR SHALL NEVER UNNECESSARILY INTERFERE WITH OR INTERRUPT THE SERVICES OF ANY PUBLIC OR PRIVATE UTILITY HAVING PROPERTY WITHIN OR ADJACENT TO THE STREETS, ALLEYS AND EASEMENTS INVOLVED IN THE WORK AND SHALL TAKE ALL NECESSARY PRECAUTION AND EFFORT TO LOCATE AND PROTECT ALL UNDERGROUND CONDUIT, CABLES, PIPES, WHETENIES, SEWERS, STRUCTURES, GAS LINES, TREES, MOMBINTS, POWER LINES, TELEPHONE AND TELEGRAPH LINES, TREFIC CONTROL DEVICES AND OTHER STRUCTURES, BOTH BELOW AND ABOVE GROUND. THE CONTRACTOR SHALL GIFE ALL PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR WRITTEN NOTICE, IN NO EVENT LESS THAN FORTY EIGHT (48) HOURS, FOR ANY WORK THAT THE CONTRACTOR CONTEMPLATES, WHICH WOULD INTERFERE IN ANY WAY WHATSOEVER WITH THE SERVICE OF ANY EXISTING PUBLIC OR PRIVATE UTILITY AND WATER AUTHORITY OR CITY—OWNED FACILITIES. IF SUCH PUBLIC OR PRIVATE UTILITY DOES NOT COOPERATE FOR THE PROTECTION OF ITS SERVICES, CONTRACTOR SHALL NOTIFY THE ENGINEER UTILITY LINES IDENTIFIED ON PLANS SHALL BE LOCATED BY THE CONTRACTOR FAR ENOUGH IN ADVANCE OF CONSTRUCTION WORK IN ORDER THAT THE OWNER OF SUCH LINES MAY RASE, LOWER, REALIGN OR REMOVE LINES AND STRUCTURES, IF NECESSARY, AND IN ORDER THAT ENGINEER MAY MAKE ANY LINE AND GRADE CHANCES NECESSARY SHOULD THE EXISTING UTILITY LINES CONFLICT WITH THE WORK LONG SUCH ADJUSTMENTS DO NOT MATERIALTY DEFECT THE WORK IN THE EVENT AN UNPLANNED CONFLICT BETWEEN AN EXISTING, BUT PREVIOUSLY UNDENTRIED, UTILITY LINE AND NEW CONSTRUCTION PROVIDED SUCH LINES AND THE ENGINEER WILL BE NOTED. INITIALLY HE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGES TO PUBLIC OR PRIVATE PROPERTY TO THE OWNER OF SUCH LINE AND THE ENGINEER WILL BE NOTIFIED INMEDIATELY BY THE CONTRACTOR. SHALL IMMEDIATELY REPORT ANY DAMAGES TO PUBLIC OR PRIVATE PROPERTY TO THE OWNER OF SUCH LINE AND THE PROTECTER WILL BE ORDER.

- 43. <u>LANDSCAPING</u>: THE CONTRACTOR SHALL REPLACE IN-KIND ANY LANDSCAPING THAT IS ALTERED BY THE PROJECT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- <u>BICYCLE ACCESS</u>: CONTRACTOR SHALL COORDINATE WITH THE CITY PROJECT MANAGER TO IDENTIFY AN ALTERNATIVE PARALLEL ROUTE TO 14TH STREET WHILE THE BIKE BOULEVARD IS IMPACTED DURING CONSTRUCTION.

LITHITY CONTACTS:

UTILITY CONTACTS:		
Bustamante, Clara	Office phone: (505) 697-4212 Office fax: 344-0091	New Mexico Gas 4625 Edith Blvd. NE Albuquerque, NM 87107
Holbert, Mathew	Office phone: (303) 730-9732	PNM — Electric Co. of NM 4201 Edith Blvd. NE Albuquerque, NM 87107
Mortus, Mike	Office phone: (505) 761-6252 Office fax: (505) 761-0599	Comcast/XFINITY Planning and Design Supervisor 4611 Montbel Place NE Albuquerque, NM 87107
Kniffin, Rosarito	Office phone: (505) 245-6374	CENTURY LINK/QWEST 4301 Boga NE Albuquerque, NM 87109
Luna, Damian	Office phone: (505) 289-3031	ABCWUA P.O. Box 568 Albuquerque, NM 87103
		NEW MEXICO ONE CALL SYSTEM CALL

INCIDENTAL ITEMS:

ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS, AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROMISIONS, STANDARD DRAWINGS, SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.

- BUSINESS ACCESS. SEE GENERAL NOTE 2.
 ALL NECESSARY CONSTRUCTION WORK PERMITS, SEE GENERAL NOTE 6.
 CLEAR ZONE SHIELDING. SEE GENERAL NOTE 10.
 AS-BUILT PLANS. SEE GENERAL NOTE 16.
 GRAFFITI MANITENANCE, SEE GENERAL NOTE 17.
 ADJUSTING UTILLITES COORDINATION. SEE GENERAL NOTE 32.
 DROP OFF PROTECTION. SEE GENERAL NOTE 36.
 LANDSCAPING. SEE GENERAL NOTE 43.

AS BUILT II	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY	MICRO-FILM	RECORDED BY	NO.	
BENCH MARKS		DATE COA GEODETIC CONTROL STATION "12_J13 1983".	3.25" ALUMINUM DISC SET IN TOP OF CURB	GROUND 42.6' NORTH OF CENTERLINE ON LOMAS	BOULEVARD AND 34.0' WEST OF CENTERLINE ON	14TH STREET.	NM STATE PLANE COORDS. (NAD 83)	N=1489275.084, E=1517168.92	NAVD 88 ELEV. = 4957.502
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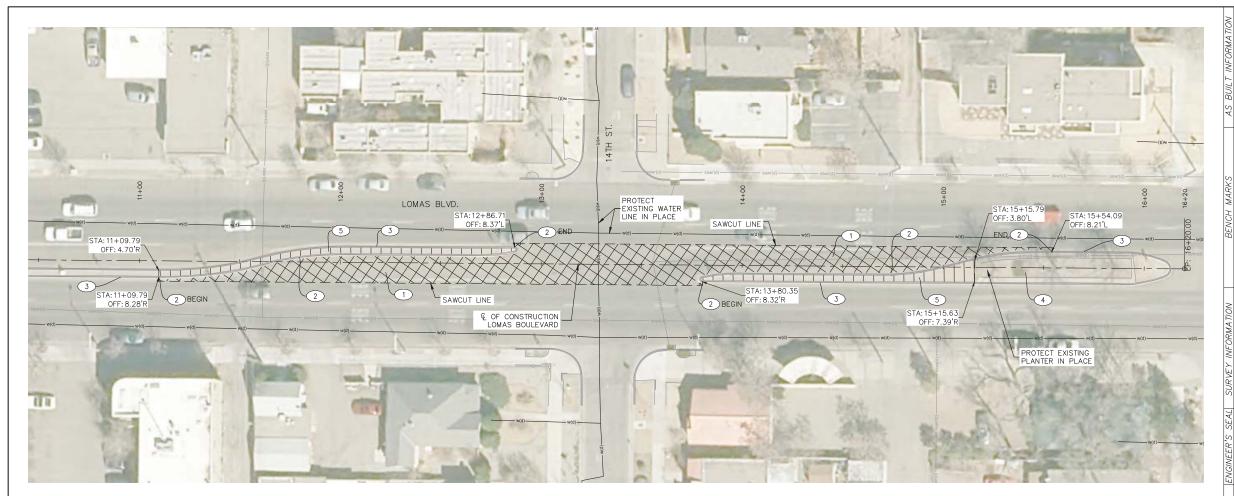
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SUITE 70 ALBUQUE TEL: +1	TOWN BLVD, NE			NO. DATE		DESIGNED BY: DRAWN BY:
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DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVA		MO./Di	AY/YR.	MO.	/DAY/YR
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	LOMAS BOULEVARD AND 14TH STREET BICYCLE CROSSING SUMMARY OF QUANTITIES		
ITEM NO.	LONG DESCRIPTION	UNIT	QUANTITY
	CONSTRUCTION	9-	W -
4.010	CONSTRUCTION STAKING, COMPL.	LS	LS
4.020	CONSTRUCTION SURVEYING, COMPL.	LS	LS
6.050	CONSTRUCTION MOBILIZATION, COMPL	LS	LS
19.010	CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.	LS	LS
	ROADWAY	5	12
205.010	BORROW, HAULING & COMPACTION OF SUITABLE FILL MATERIAL WHEN NOT OBTAINED FROM WITHIN LIMITS OF CONSTRUCTION, COMPL	CY	110
301.020	SUBGRADE PREP. 12" AT 95% COMPACTION, CIP.	SY	90
302.010	AGGREGATE BASE COURSE, CRUSHED, 6" AT 95% COMPACTION, CIP. SD 2408	SY	90
336.024	ASPHALT CONCRETE, 3 INCH THICK, SUPERPAVE	SY	180
335.010	PRIME COAT, EMULSIFIED ASPHALT, CIP.	SY	90
336.120	TACK COAT, CATIONIC EMULSIFIED ASPHALT, CIP.	SY	90
340.060	CURB & GUTTER, MEDIAN, PORTLAND CEMENT CONCRETE, CIP. SD 2408	LF	580
346.100	TEXTURED MEDIAN PAVEMENT, 4" THICK, COLORED PC CONCRETE, INCL. SUBGRADE COMPACTION, CIP. SD 2408	SF	5,330
e weenst	REMOVAL	90	jy - monero
343.030	EXISTING PAVEMENT, ASPHALT CONCRETE, MORE THAN 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	SY	600
343.040	EXISTING PAVEMENT, PC CONCRETE, UP TO 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	SY	120
343.080	EXISTING CURB & GUTTER OR VALLEY GUTTER, PC CONCRETE , REMOVE & DISPOSE, COMPL.	LF	375
	SIGNING AND STRIPING		
440.001	REFLECTORIZED PAINTED MARKING, CIP.	LF	95
441.001	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP.	LF	915
441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP.	LF	25
441.00X	REFLECTORIZED PAINTED MARKINGS, GREE, CIP.	SF	160
443.101	REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL.	LF	595
450.001	ALUMINUM PANNEL PANEL SIGNS, CIP	SF	40
450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP	LF	100
450.101	SIGN, POST, & BASE POST, REMOVE & SALVAGE, COMPL.	EA	4
	ититу		
801.112	VALVE BOX, RING & COVER, ADJUST TO GRADE, CIP. SD 2460	EA	1
920.410	EXISTING MANHOLE FRAME & COVER, ADJUST TO GRADE WITH MASONRY, OVER 2", CIP. SD 2460	EA	1

				AS BUILT INFORMATION	CONTRACTOR	WORK DATE STAKED BY	INSPECTOR'S DATE ACCEPTANCE BY	FIELD DATE VERIFICATION BY	DRAWINGS DATE CORRECTED BY	MICRO-FILM INFORMATION	RECORDED BY DATE	NO.	
				BENCH MARKS		DATE COA GEODETIC CONTROL STATION "12_J13 1983".	3.25" ALUMINUM DISC SET IN TOP OF CURB	GROUND 42.6' NORTH OF CENTERLINE ON LOMAS	BOULEVARD AND 34.0' WEST OF CENTERLINE ON	14TH STREET.	NM STATE PLANE COORDS. (NAD 83)	N=1489275.084, E=1517168.92	NAVD 88 ELEV. = 4957.502
				SURVEY INFORMATION	FIELD NOTES	ВУ							
				ENGINEER'S SEAL S		ON	O SECULIARIA		. S ME.	!) /	The Man		
								REMARKS BY		DESIGN	DATE 06/27/2017	DATE 06/27/2017	DATE 06/27/2017
NSD 987 VS 0017 7 ARAGO 7832 - 1	L Inc. TOWN BLYD, NE OROUG, NH 6710 ROUG, NH 6710 SOS.681,5307 SOS.81,7902 CITY	OF ALBU	JOUERO	DUE				NO. DATE			DESIGNED BY: JP	DRAWN BY: JP	CHECKED BY: PS
	MENT O ENGII S BOULE BIC' SUMMA	F ALBU F MUNIC NEERING EVARD A YCLE CR RY OF (EER APPROVA)	IPAL [DIVISI ND 14 OSSING QUANTI	ON TH TIE	EL S	TR	ΕE	Т		w0./	/DAY	//YR	:
City Project No.		Zone M	Map No	<u> </u>	SI	ne	et		1	_	4		



O KEYED NOTES:

- TREMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT.
- ② REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER TO NEAREST JOINT.
- 3 EXISTING CURB AND GUTTER TO REMAIN.
- 4 EXISTING LANDSCAPE AND IRRIGATION TO REMAIN.
- TEMOVE AND DISPOSE OF EXISTING MEDIAN PAVEMENT.

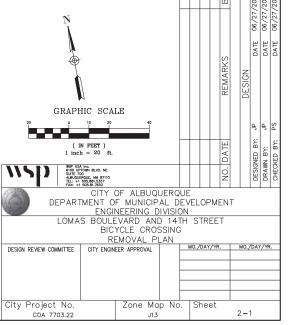
LEGEND:

EXISTING ASPHALT PAVEMENT TO BE REMOVED.

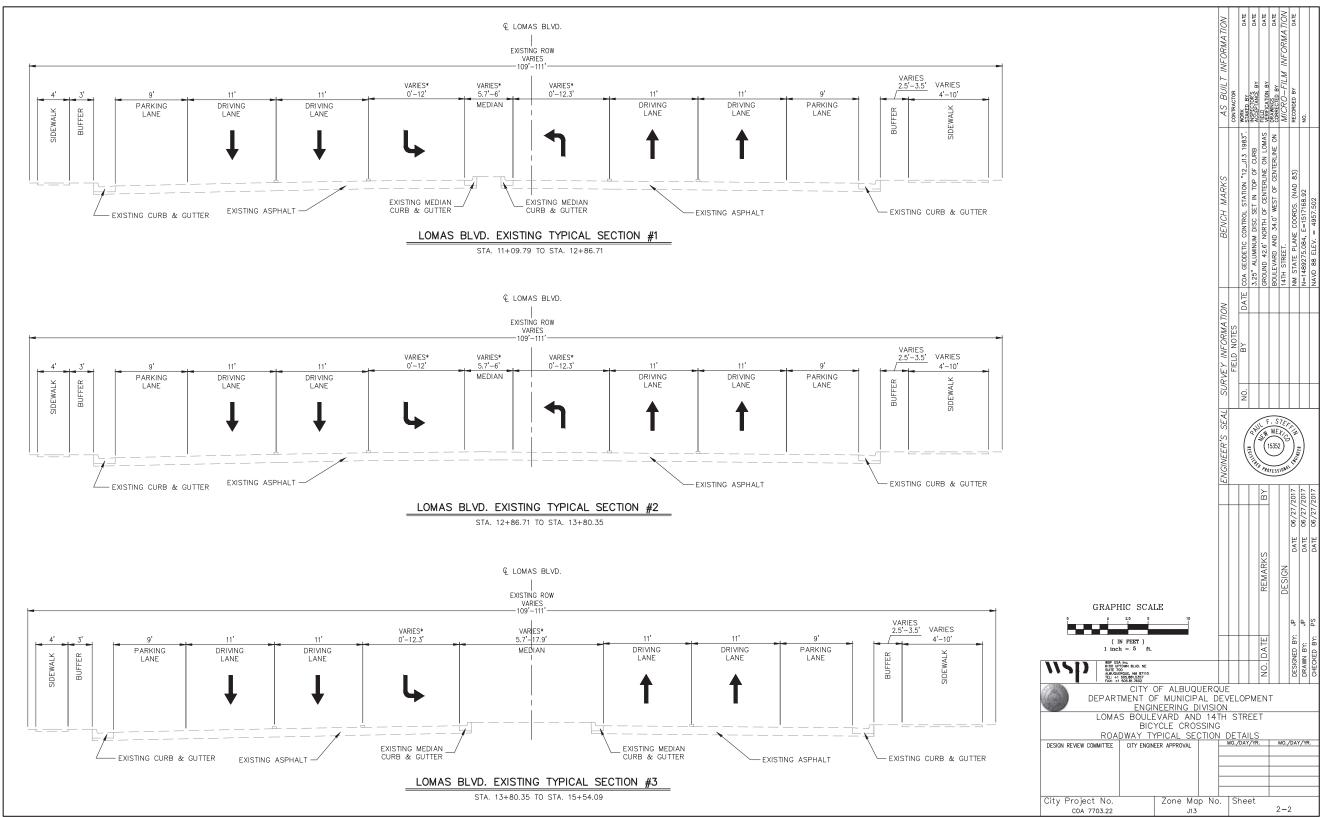
EXISTING CONCRETE PAVEMENT TO BE REMOVED.

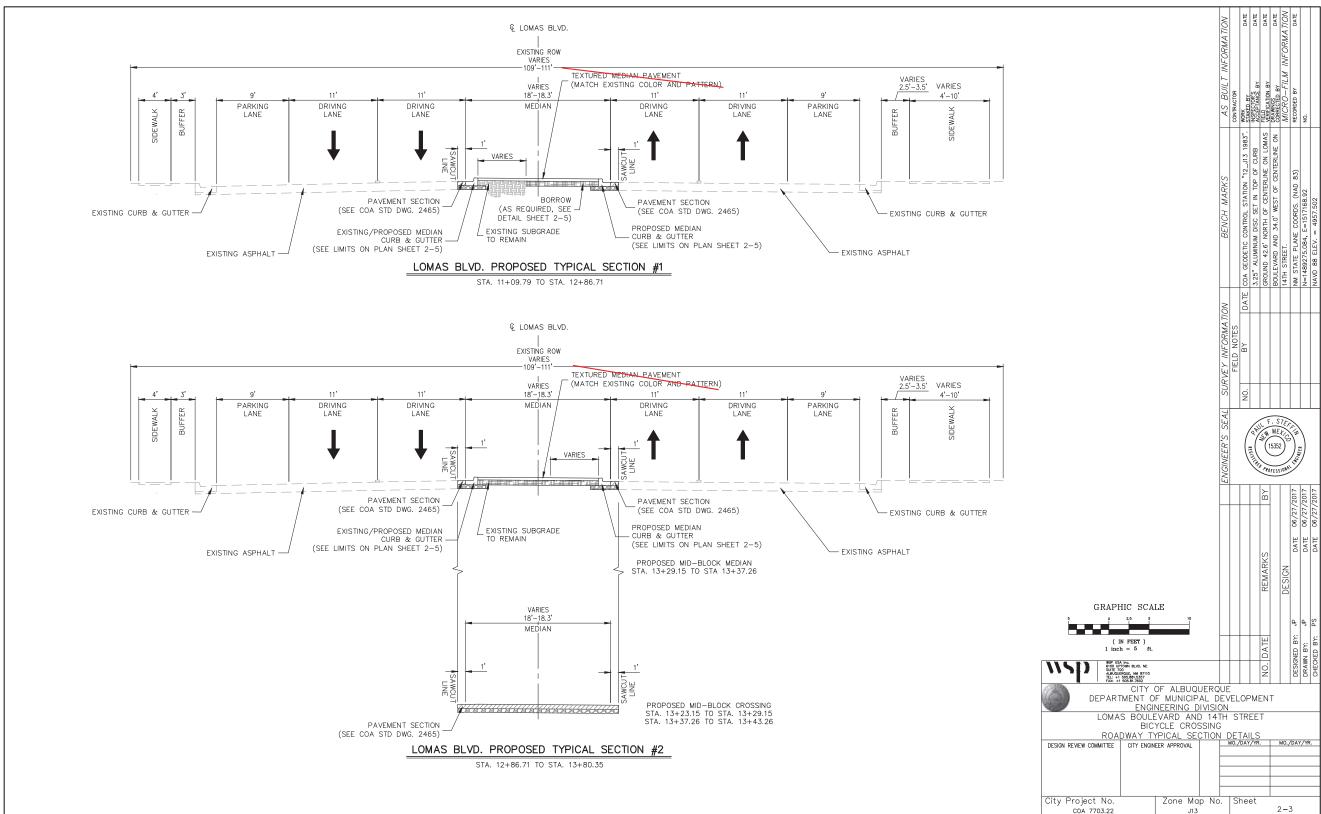
GENERAL NOTES:

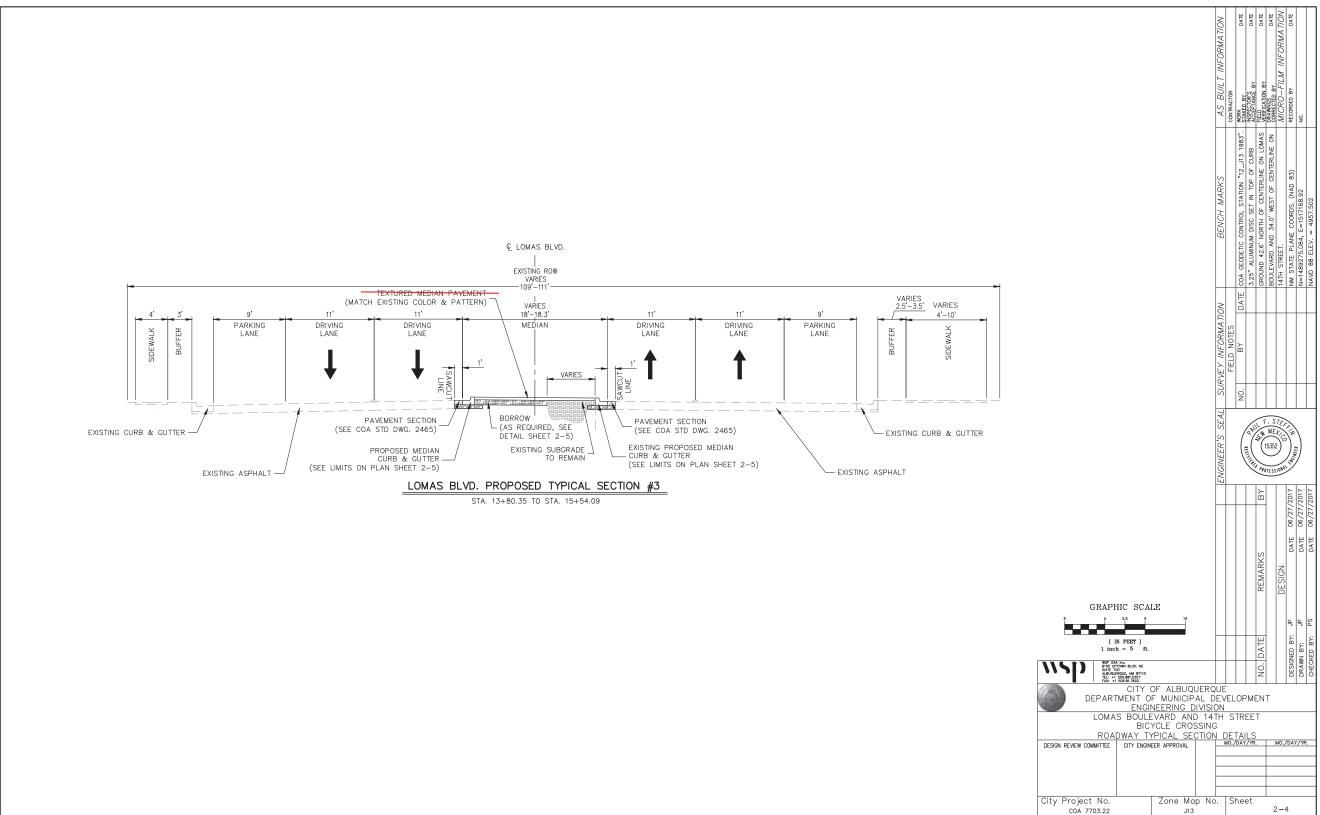
- 1. STATION AND OFFSETS FOR CURB & GUTTER GIVEN TO FLOWLINE UNLESS OTHERWISE NOTED.
- 2. SEE SURVEY CONTROL PLAN SHEET 3-1 FOR CENTERLINE OF CONSTRUCTION LAYOUT DATA.

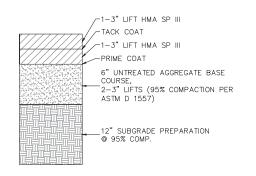


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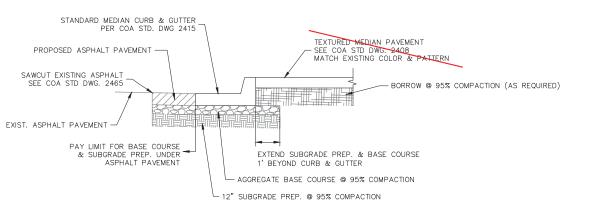




PAVEMENT SECTION

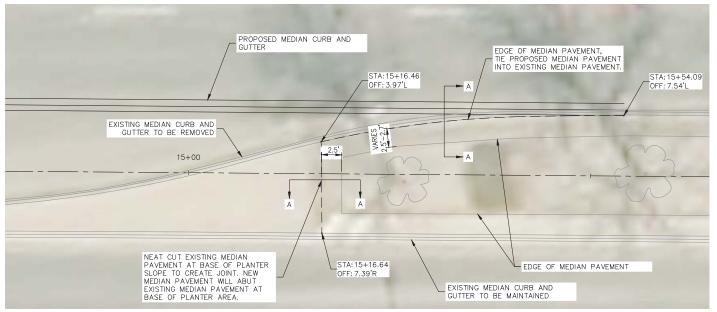
NOTE:

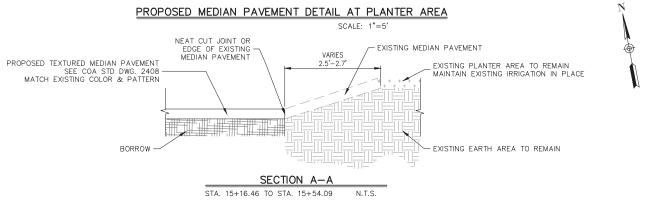
PAVEMENT SECTION FOR QUANTITY ESTIMATING PURPOSES ONLY. CONTRACTOR TO MATCH EXISTING PAVEMENT SECTION. SEE COA STD. DWG. 2465



CURB & GUTTER BEDDING DETAIL

N.T.S.

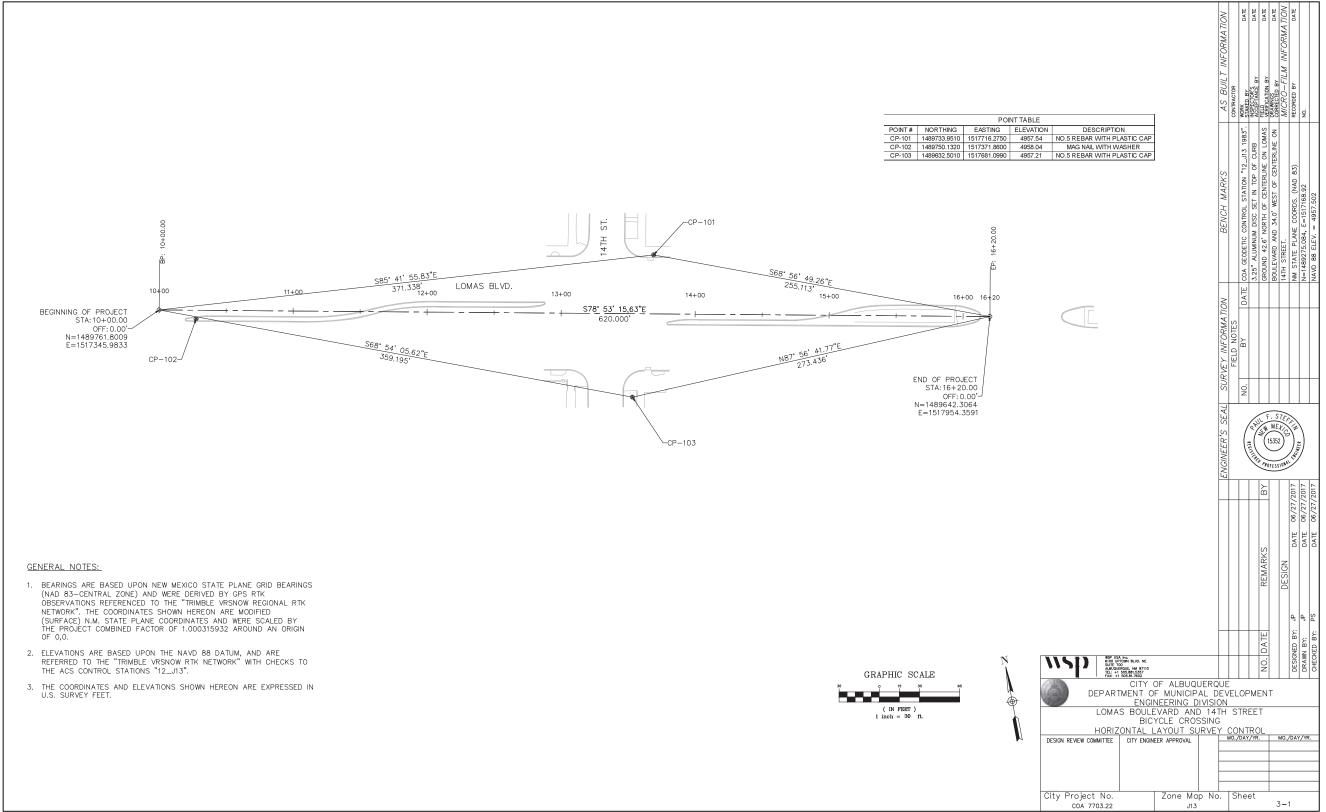


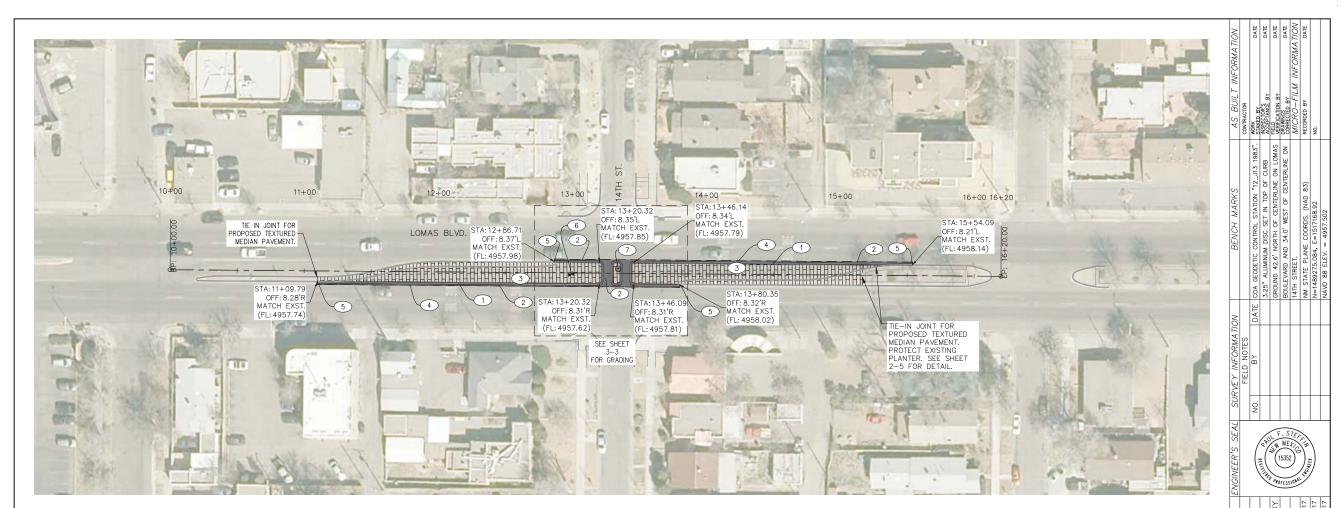


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CONTRACTOR
WORK
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ACCEPTANCE BY
ACRECATION BY
DRAWINGS
CORRECTED BY
MICRO—FILL

REMARKS





KEYED NOTES:

- ① BUILD MEDIAN CURB & GUTTER, SEE COA STD. DWG. 2415B.
- ② BUILD ASPHALT PAVEMENT, MATCH EXISTING PAVEMENT SECTION & PAVEMENT SLOPE. SEE SHEET 2-5 FOR DETAIL.
- 3 BUILD TEXTURED MEDIAN PAVEMENT, SEE COA STD. DWG. 2408. MATCH EXIST. COLOR & PATTERN.
- SAWCUT LINE, MATCH EXISTING ASPHALT. SEE COA STD. DWG. 2465.
- (5) NEAT CUT LINE, MATCH EXISTING CURB & GUTTER AT NEAREST JOINT LOCATION.
- ⑥ EXISTING VALVE TO BE ADJUSTED, SEE SHEET 7-1 FOR EXISTING UTILITY PLAN.
- EXISTING MANHOLE TO BE ADJUSTED, SEE SHEET 7-1 FOR EXISTING UTILITY PLAN.

GENERAL NOTES:

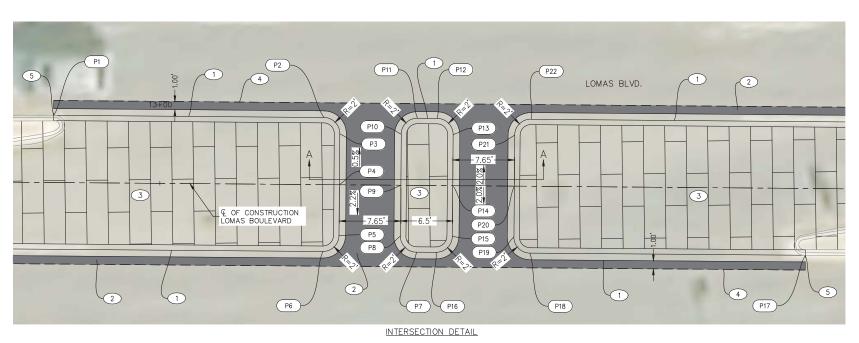
- 1. STATION AND OFFSETS FOR CURB & GUTTER GIVEN TO FLOWLINE UNLESS OTHERWISE NOTED.
- 2. SEE SURVEY CONTROL PLAN SHEET 3-1 FOR CENTERLINE OF CONSTRUCTION LAYOUT DATA.

LEGEND:

PROPOSED MEDIAN PAVEMENT.

PROPOSED ASPHALT PAVEMENT.

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					KEMAKKS	DESIGN	DATE	DATE	DATE
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(IN FEET) 1 inch = 30 ft.				1 4	DAIE		NED BY:	N BY:	KED BY:
WSF USA Inc. 6100 UPTOWN BLVD. NE SUITE 700 ALBUQUERCUE, NA 87110 TEL: +1 805.851.3357 FAX: +1 505.81.7602				2	Š.		DESIGNED	DRAWN	CHECKED
DEPARTMENT C	OF ALBUQUERQ OF MUNICIPAL D NEERING DIVISION	Ēν		РМЕ	NT				
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COA 7703.22	J13	··				3-:	2		- 1



			POINT DATA	
POINT	STATION	OFFSET	ELEVATION	DESCIPTION
P1	12+86.71	8.37' LT.	MATCH EXST. (4957.98)	FL CURB
P2	13+20.32	8.35' LT.	4957.81	PC FL CURB
Р3	13+22.32	6.35' LT.	4957.82	PT FL CURB
P4	13+22.32	3.18' LT.	4957.86	FL CURB
P5	13+22.32	6.31' RT.	4957.71	PC FL CURB
P6	13+20.32	8.31' RT.	4957.60	PT FL CURB
P7	13+31.98	8.31' RT.	4957.81	PC FL CURB
P8	13+29.98	6.31' RT.	4957.82	PT FL CURB
P9	13+29.98	3.17' LT.	4957.96	FL CURB
P10	13+29.98	6.34' LT.	4957.93	PC FL CURB
P11	13+31.98	8.34' LT.	4957.91	PT FL CURB
P12	13+34.43	8.34' LT.	4957.87	PC FL CURB
P13	13+36.43	6.34' LT.	4957.87	PT FL CURB
P14	13+36.43	0.00'	4958.00	FL CURB
P15	13+36.43	6.31' RT.	4957.87	PC FL CURB
P16	13+34.43	8.31' RT.	4957.86	PT FL CURB
P17	13+80.35	8.32' RT.	MATCH EXST. (4958.02)	FL CURB
P18	13+46.09	8.31' RT.	4957.81	PC FL CURB
P19	13+44.09	6.31' RT.	4957.82	PT FL CURB
P20	13+44.09	0.00'	4957.95	FL CURB
P21	13+44.09	6.34' LT.	4957.82	PC FL CURB
P22	13+46.09	8.34' LT.	4957.79	PT FL CURB

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,	1	PRO	FESS	IONA	?	_

COA GEODETIC CONTROL STATION "12
3.25" ALUMINUM DISC SET IN TOP OF
GROUND 42.6" NORTH OF CENTERLINE
BOULEVARD AND 34.0" WEST OF CEN
14TH STREET.
NM STATE PLANE COORDS. (NAD 83)
N=1489275.084, E=1517188.92

DATE
DATE
DATE
DATE
DATE

KEYED NOTES:

- ① BUILD MEDIAN CURB & GUTTER, SEE COA STD. DWG. 2415B.
- ② BUILD ASPHALT PAVEMENT, MATCH EXISTING PAVEMENT SECTION & PAVEMENT SLOPE. SEE SHEET 2-5 FOR DETAIL.
- 3 BUILD TEXTURED MEDIAN PAVEMENT, SEE COA STD. DWG. 2408. MATCH EXIST. COLOR & PATTERN.
- ④ SAWCUT LINE, MATCH EXISTING ASPHALT. SEE COA STD. DWG. 2465.
- (5) NEAT CUT LINE, MATCH EXISTING CURB & GUTTER AT NEAREST JOINT LOCATION.

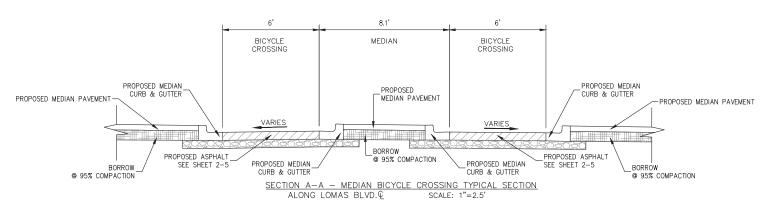
GENERAL NOTES:

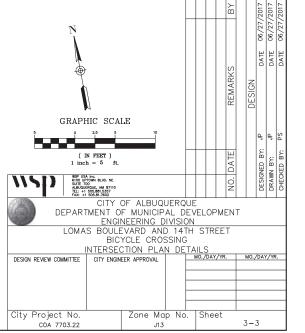
- 1. STATION AND OFFSETS FOR CURB & GUTTER GIVEN TO FLOWLINE UNLESS OTHERWISE NOTED.
- SEE SURVEY CONTROL PLAN SHEET 3-1 FOR CENTERLINE OF CONSTRUCTION LAYOUT DATA.

LEGEND:

PROPOSED MEDIAN PAVEMENT.

PROPOSED ASPHALT PAVEMENT.





GENERAL NOTES FOR PERMANENT SIGNS:

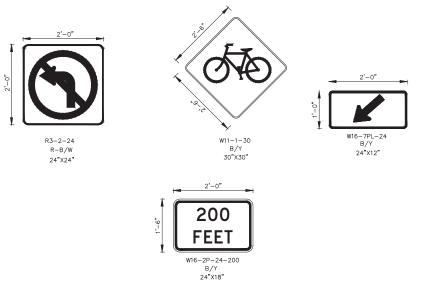
- ALL SIGNS SHALL MEET THE MINIMUM REQUIREMENTS SPECIFIED IN THE CITY OF ALBUQUERQUE DETAILS (SECTION 2900) AND THE CURRENT EDITION OF THE MUTCD (WITH REVISIONS).
- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS
 MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, SYMBOLS
 AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.
- 3. THE CONTRACTOR SHALL CONTACT CITY OF ALBUQUERQUE PUBLIC WORKS PRIOR TO THE START OF CONSTRUCTION TO DETERMINE WHICH OF THE EXISTING PERMANENT SIGNS (THAT ARE STATED TO BE REPLACED) WILL BE SALVAGED BY CITY OF ALBUQUERQUE. ALL OTHER SIGNS, POSTS AND SIGN BASES NOT IDENTIFIED FOR SALVAGE SHALL BE DISPOSED OF BY THE CONTRACTOR. ANY COSTS ASSOCIATED WITH THIS ACTIVITY SHALL BE CONCIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO MEASUREMENT OF
- 4. ONLY 0.125 INCHES THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.
- ANTI GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE AND PANEL SIGNS.
- 6. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
- 7. POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MINIMUM OF 7 FT FOR URBAN AND INTERSTATE ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF DRIVING LANE.
- THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN 6 FT FROM THE EDGE OF SHOULDER OR 12 FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2 FT FROM FACE OF CURB FOR URBAN AREAS.
- ALL SIGNING HARDWARE, INCLUDING BRACKETS, (FOR MOUNTING ALL STREET NAME SIGNS, WI-8-18 BACK TO BACK MOUNTING, ETC.) ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE, NO PAYMENT WILL BE MADE.
- THREE 4LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 84" (SIGN WIDTH OF 96" OR GREATER).
- 3'-6" BASE POSTS ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD DRAWING 701-02-1/3 FOR DETAILS.
- 12. SIGN POSTS SHALL BE SQUARE TUBING AS APPROVED BY THE PROJECT MANAGER.
- 13. CONTRACTOR SHALL FIELD VERIFY ALL SIGNING INFORMATION, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER.

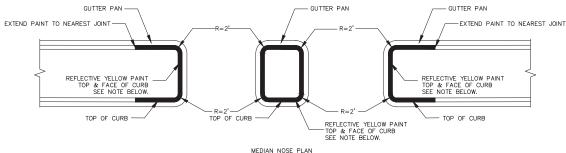
	SIGNING AND STRIPING QUANTITIES										
ITEM NUMBER	ITEM NUMBER ITEM DESCRIPTION L										
440.001	REFLECTORIZED PAINTED MARKING, CIP.	LF	95								
441.001	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP.	LF	915								
441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP.	LF	25								
441.00X	REFLECTORIZED PAINTED MARKING, GREEN, CIP.	SF	160								
443.101	REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL.	LF	595								
450.001	ALUMINUM PANNEL PANEL SIGNS, CIP	SF	40								
450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP	LF	100								
450 101	SIGN POST & BASE POST REMOVE & SALVAGE COMPL	FΔ	4								

		SIGN A	ND POST SC	HEDUL	E				
SIGN CODE	NO. OF SIGNS	SIGN AREA (SQ. FT.)	TOTAL SIGN AREA (SQ. FT.)	CITY STANDARD POST 2" x 2" SQUARE TUBING POST (12 GA.)					
				POST LENGTHS (FT.)				BASE POSTS	
				LEFT	CTR.	RIGHT	TOTAL	NO. (3.5' HEIGHT)	TOTAL LENGTH (FT.)
SP-1-24	2	2.0	4.0		11.5		23.0	2	7.0
W11-1-30	1	6.3	6.3				*	*	
W16-7PL-24	1	2.0	2.0						
SP-1-24	1	2.0	2.0		11.5		11.5	1	3.5
SP-1-24	1	2.0	2.0	Mount on Light Pole					
W16-2P-24-200	1	3.0	3.0		11.0		11.0	1	3.5
R3-2-24	2	4.0	8.0		*		*	2	7.0
R6-1R-36	2	3.0	6.0		10.0		20.0	2	7.0
TOTAL			33.3	0.0	44.0	0.0	65.5		28.0
USE			40.0				70.0		30.0

GENERAL NOTES FOR PAVEMENT MARKINGS:

- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARDS, SPECIFICATIONS, STANDARD DETAILS (SECTION 2900) AND THE CURRENT EDITION OF THE MUTCD (WITH REVISIONS).
- HOT THERMOPLASTIC PAVEMENT MARKING SHALL BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.). THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 120 MIL.
- 3. WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPE REMOVAL. THE USE OF BLACK PAINT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICTLY PROHIBITED. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SUBFACE PLANING OF THE ROADWAY TO AWAIMUM DEPTH OF 0.25 INCHES AND FOR A WIDTH EQUAL TO TWO (2) TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED. THE CONTRACTOR SHALL SEAL ERADICATED STRIPE LOCATIONS WITH TACK COAT. THIS WORK WILL BE CONSIDERED INCIDENTAL TO SIGNING AND STRIPING AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFORE.
- 4. THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE PROJECT MANAGER.
- THE CONTRACTOR MAY BE REQUIRED BY THE PROJECT MANAGER TO PREPARE AS—BUILT DRAWINGS OF THE EXISTING STRIPING AND PAVEMENT MAKRINGS PRIOR TO CONSTRUCTION. THIS WORK WILL BE CONSIDERED INCIDENTAL TO SIGNING AND STRIPING AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFORE.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF THE PAVEMENT MARKINGS ON FINAL SURFACE COURSE FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED. THE LAYOUT OF ALL PAVEMENT MARKINGS SHALL BE APPROVED BY THE PROJECT MANAGER PRIOR TO THE APPLICATION OF MATERIALS. THIS WORK WILL BE CONSIDERED INCIDENTAL TO SIGNING AND STRIPING AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFORE.
- . ALL LANE DIMENSIONS ARE FROM CENTER OF LANE STRIPE, CENTER OF DOUBLE LANE STRIPE, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FINAL SURFACE COURSE IS PLACED SO THAT THE STRIPING IS OFFSET ONE (1) FOOT CLEAR OF THE PAVEMENT CONSTRUCTION JOINT, UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.
- THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE PROJECT MANAGER BY SWEEPING AND AIR-JET BLOWING IMMEDIATELY PRIOR TO THE PLACEMENT OF ALL PAVEMENT MARKINGS. THE THE PLACEMENT OF RAISED PAVEMENT MARKERS (RPM'S).
- 10. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS AND STANDARDS WHEN INSTALLING STRIPING, PAVEMENT MARKINGS AND MARKERS.
- 11. VERTICAL CURBS AT RAMPS SHALL BE PAINTED YELLOW. THIS WORK WILL BE CONSIDERED INCIDENTAL TO SIGNING AND STRIPING AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFORE.





INCIDENTAL ITEMS (TO SIGNING & STRIPING ITEMS):

DATE DATE OATE

CONTRACTOR
WORK
STAKED BY
STAKED BY
ACCEPTANCE BY
FIELD
DRAMINGS
CORRECTED BY
MICRO—FILL
RECORDED BY

DATE DATE DATE

- SALVAGE AND DISPOSAL OF SIGNS PER PERMANENT SIGNING GENERAL NOTE 3.
- SIGN MOUNTING HARDWARE AND BRACKETS PER PERMANENT SIGNING GENERAL NOTE 9.
- 3. CLEANING AND REMOVAL OF DEBRIS FOR EXISTING SIGNS TO REMAIN.
- 4. SEAL ERADICATED STRIPING WITH TACK COAT PER PAVEMENT MARKING GENERAL NOTE 3.
- AS-BUILT DRAWINGS PER PAVEMENT MARKING GENERAL NOTE 5.
- 6. LAYOUT OF PAVEMENT MARKINGS PER PAVEMENT MARKING GENERAL NOTE 6.
- VERTICAL CURB YELLOW PAINT REQUIRED PER PAVEMENT MARKINGS GENERAL NOTE 11.



MEDIAN NOSE PROFILE

CURB MARKING TYPICAL DETAIL

NOTE:

TOP AND FACE OF MEDIAN CURB SHALL BE
PAINTED WITH REFLECTIVE YELLOW PAINT FROM
NOSE BACK 5' OR TO THE P.C., WHICH EVER IS
GREATER.

BACK OF CURB

GUTTER

BASE PAINT - YELLOW

NOTE:

CURB PAINTING BASE:
SHALL CONFORM TO THE REQUIREMENTS OF THE
CITY OF ALBUQUERQUE FOR TRAFFIC LINE PAINTS
USED ON CONSTRUCTION PROJECTS.
(COMBINATION ALKYD AND HYPALON – FAST DRY
TYPE)

PAINTED SURFACES SHALL INCLUDE THE FULL TOP OF CURB AND FACE OF CURB WITH NEAT FINISHED LINES, ALONG ALL SIDES

PAINTED CURB MARKING DETAIL NTS

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

ENGINEERING DIVISION

LOMAS BOULEVARD AND 14TH STREET

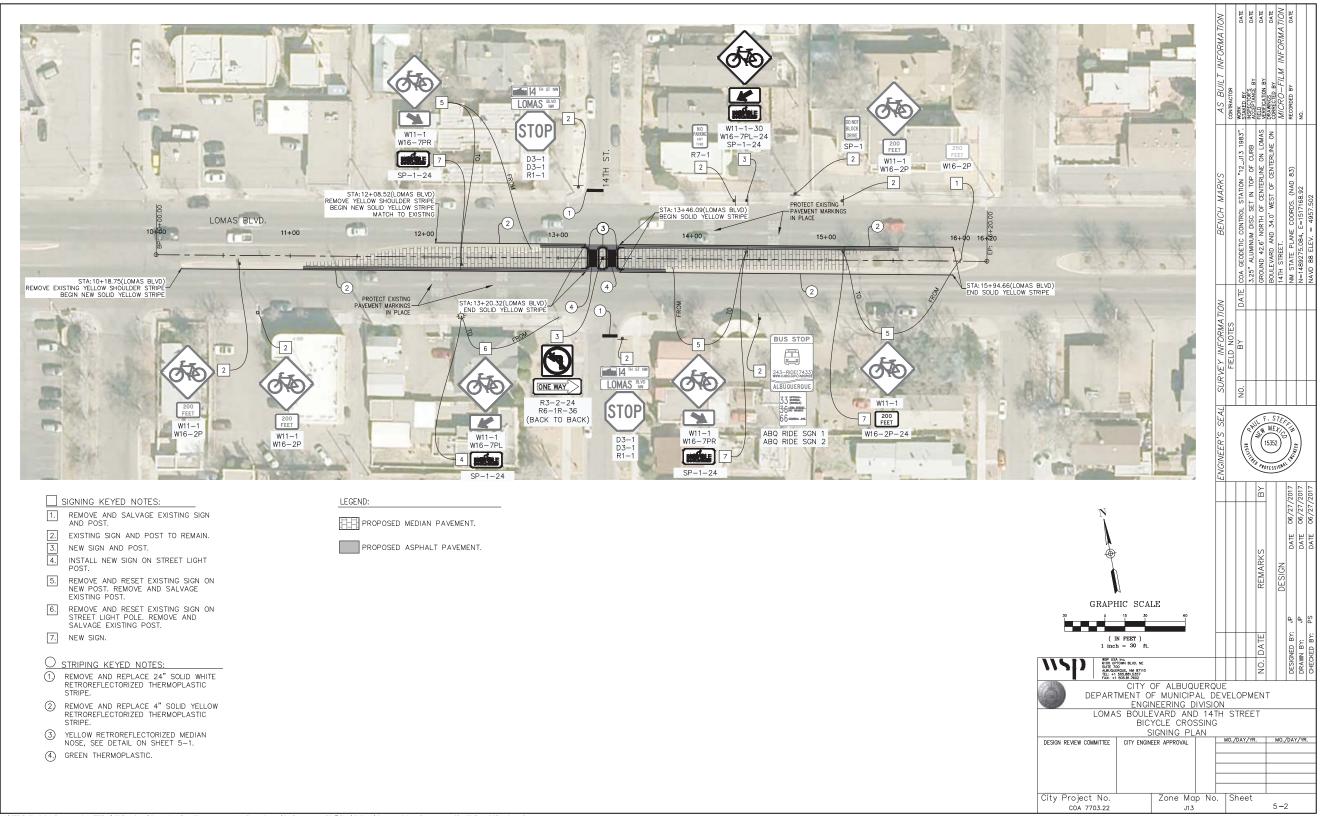
BICYCLE CROSSING

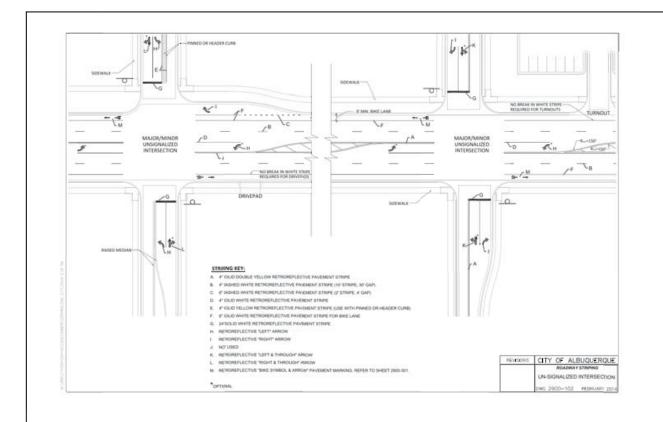
SIGNING AND STRIPING NOTES AND QUANTITIES

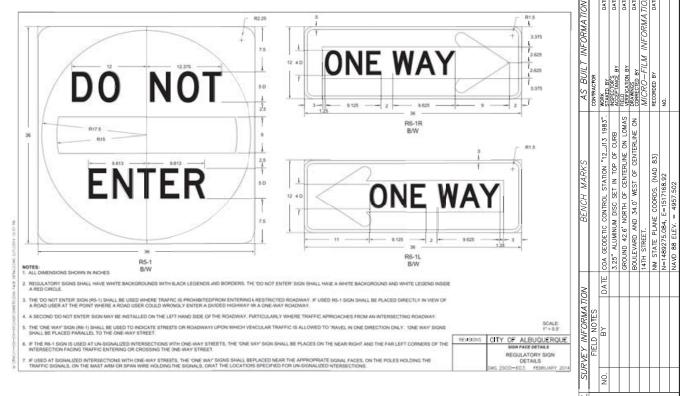
ESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

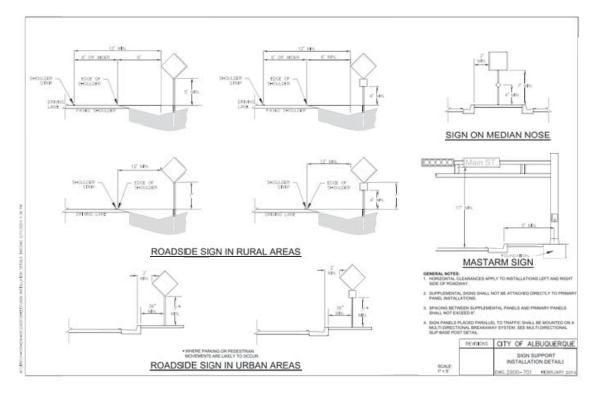
MO_DAY/YR. MO_DAY/YR.

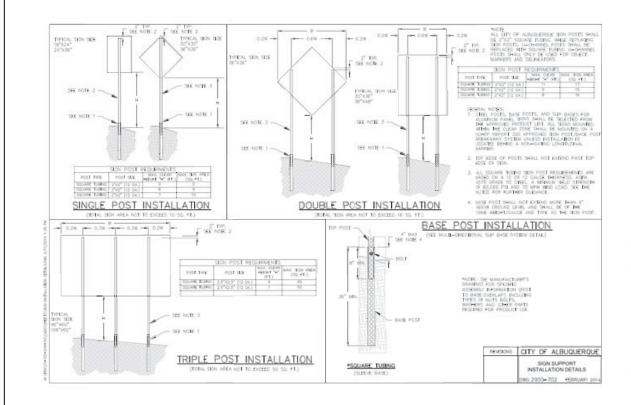
DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL MO./DAY/YR. MO./DAY

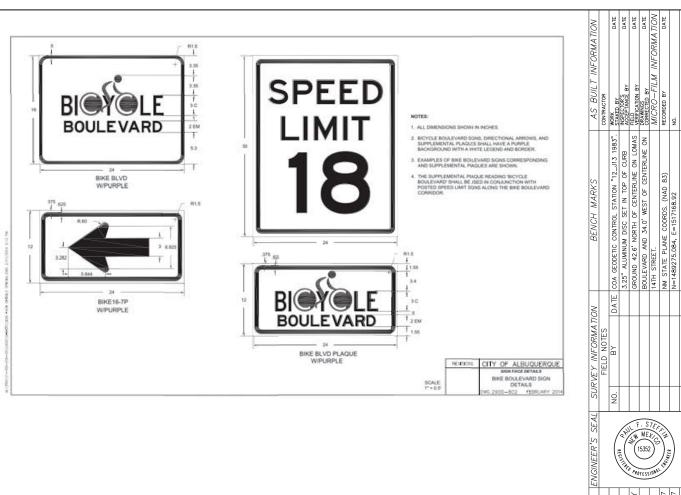












DESIGNED BY: DRAWN BY: CHECKED BY: WSP USA Inc. 6100 UPTOWN BLVD. NE SUITE 700 ALBUQUERQUE, NM 87110 TEL 11 505.861.3537 FAX: +1 505.81.7602 CITY OF ALBUQUERQUE CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

LOMAS BOULEVARD AND 14TH STREET
BICYCLE CROSSING
STANDARD SIGNING MO./DAY/YR. MO./DAY/YR. DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL City Project No. Zone Map No. | Sheet

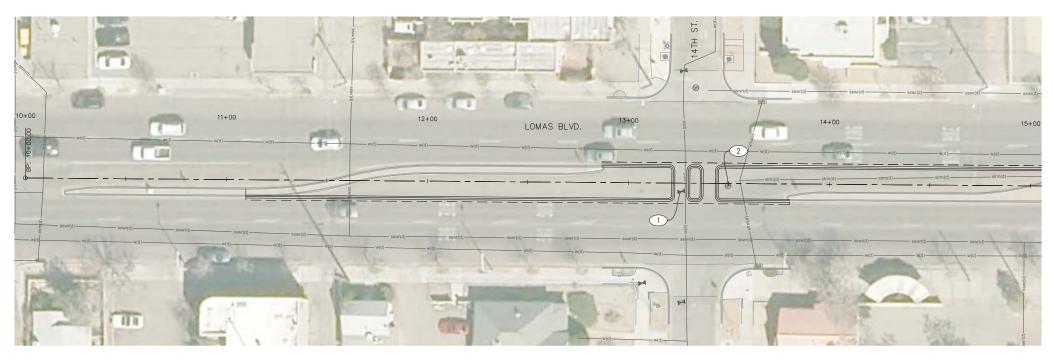
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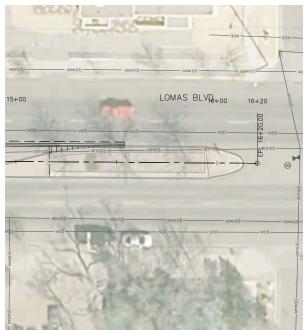
COA 7703,22

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DATE DATE DATE

REMARKS





LEGEND E ELECTRIC BOX

WATER METER

₩ATER VALVE

FIRE HYDRANT

___ WATER - ABCWUA

SANITARY SEWER - ABCWUA

STORM SEWER - ABCWUA

KEYED NOTES:

① ADJUST WATER VALVE TO GRADE. SEE COA STD DWG. 2460

SS SANITARY SEWER MANHOLE

② ADJUST STORM DRAIN MANHOLE TO GRADE. SEE COA STD DWG. 2460

GENERAL NOTES:

1. CAUTION — ALL EXISTING UTILITIES SHOWN REFLECT THE BEST INFORMATION AVAILABLE AND ARE APPROXIMATE ONLY. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (PHONE NO.505-260-1990) FOR LOCATION OF EXISTING UTILITIES.

UTILITY CONTACTS:

Bustamante, Clara Office phone: (505) 697—4212 Albuquerque, NM 87107

Holbert, Mathew Office phone: (303) 730-9732 PNM - Electric Co. of NM 4201 Edith Blvd. NE Albuquerque, NM 87107

Office phone: (505) 761-6252 Comcast/XFINITY Planning and Design Supervisor 4611 Montbel Place NE Albuquerque, NM 87107 Mortus, Mike

Kniffin, Rosarito Office phone: (505) 245-6374 CENTURY LINK/QWEST 4301 Boga NE Albuquerque, NM 87109

Luna, Damian Office phone: (505) 289–3031 ABCWUA P.O. Box 568 Albuquerque, NM 87103 SYSTEM CALL BEFORE YOU DIG

(505) 260-1990

GRAPHIC SCALE (IN FEET) 1 inch = 20 ft. MSP USA Inc. 6100 UPTOWN BLVD. NE SURE 700 ALBUQUERCUE, NA 87110 TEL: +1 505.81.7602 FAX: +1 505.81.7602

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| COA GEODETIC CONTROL STATION "12_JJ3 1983". § | 3.25" ALUMINUM DISC SET IN TOP OF CURB | GROUND 4.26" NORTH OF CENTERLINE ON LOMAS | BOULEVARP AND 34.0" WEST OF CENTERLINE ON | 141H STREET. | NM STATE PLANE COORDS. ((AAD 83) | N | N | 1489275.084, E=1517168.92 | N | NAVN R8 ET IT. | NAVN R8 E

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION

LOMAS BOULEVARD AND 14TH STREET

BICYCLE CROSSING EXISTING UTILITY PLAN DESIGN REVIEW COMMITTEE

City Project No. COA 7703.22 Zone Map No. Sheet

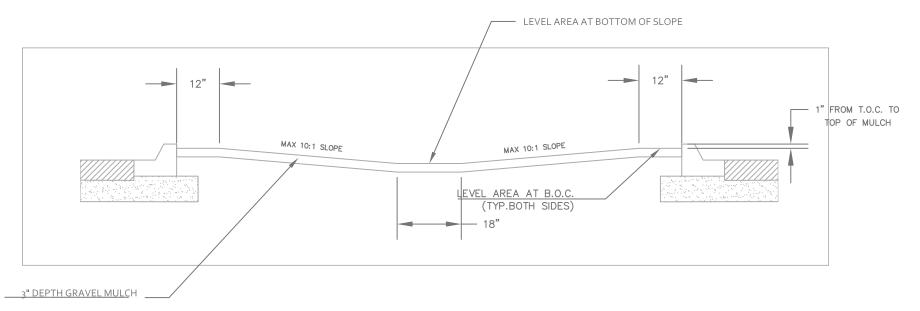
LANDSCAPE IRRIGATION PLAN

- 1. ALL DRAWINGS PRODUCED ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS IN THE FIELD SHALL BE VERIFIED BY THE CONTRACTOR AND CONFIRMED BY THE OWNER'S REPRESENTATIVE.
- 2. CONTRACTOR SHALL FIELD VERIFY EXISTING IRRIGATION SYSTEM TO IDENTIFY LOCATIONS OF EXISTING PIPE TO BE TIED INTO OR CAPPED, AS SPECIFIED ON THE PLAN
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL ACTIVATE THE EXISTING IRRIGATION SYSTEM TO ENSURE THAT IT IS IN PROPER WORKING ORDER.

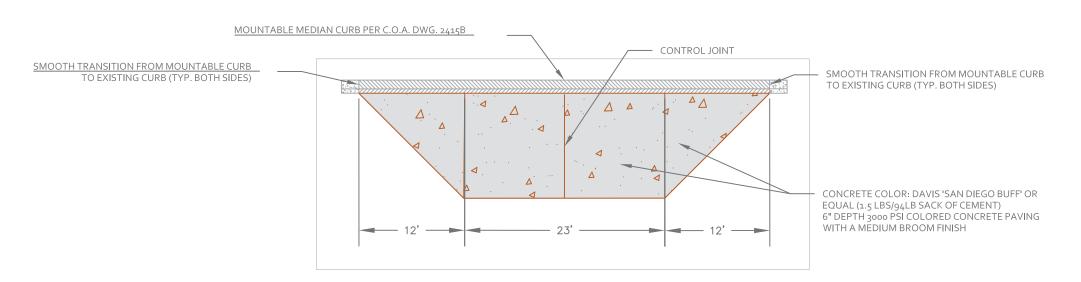
 ACTIVATION AND REVIEW OF THE SYSTEMS SHALL BE PERFORMED IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. IF THE CONTRACTOR FINDS ANY DEFICIENCIES IN THE EXISTING IRRIGATION SYSTEM, THE CONTRACTOR SHALL DOCUMENT THE DEFICIENCIES AND SUBMIT TO THE OWNER'S REPRESENTATIVE FOR DIRECTION.
- 4. AFTER CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL RE-ACTIVATE THE IRRIGATION SYSTEM TO ENSURE THAT THE SYSTEM IS IN PROPER WORKING ORDER. RE-ACTIVATION AND REVIEW OF THE SYSTEM SHALL BE PERFORMED IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. IF THE CONTRACTOR FINDS ANY DEFICIENCIES IN THE EXISTING IRRIGATION SYSTEMS THAT WERE NOT DOCUMENTED PRIOR CONSTRUCTION, CONTRACTOR SHALL REPAIR OR REPLACE THE DAMAGED IRRIGATION AT NO EXPENSE TO THE OWNER.
- 5. CONTRACTOR SHALL PROTECT EXISTING IRRIGATION SYSTEM FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF DAMAGED, CONTRACTOR SHALL REPAIR OR REPLACE TO MATCH EXISTING.
- 6. WHERE SLEEVING IS SHOWN ON THE PLAN, INSTALLATION SHALL BE COORDINATED WITH ALL TRADES TO ENSURE THAT PIPE AND SLEEVES ARE INSTALLED AT PROPER DEPTHS AND PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVEMENT, SIDEWALKS, CONCRETE PADS, ETC.
- FOR PVC IRRIGATION PIPING AND EQUIPMENT REFERENCE CITY OF ALBUQUERQUE SPECIFICATION SECTION 1001 - LANDSCAPE IRRIGATION.
- 8. BUBBLERS AT TREES SHALL BE LOCATED THREE FEET FROM THE CENTER OF THE TREE TRUNK AND EVENLY TRIANGULATED AROUND THE ROOT BALL. BUBBLERS AT SHRUBS SHALL BE LOCATED 18" FROM THE CENTER OF THE PLANT. BUBBLERS AT PERENNIALS SHALL BE LOCATED 12" FROM THE CENTER OF THE PLANT.
- 9. PROVIDE THREE 1.0 GPM BUBBLERS PER SHADE TREE.

PLANTING PLAN

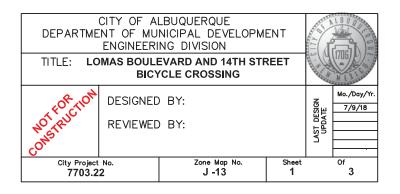
- EXISTING SOIL IN MEDIANS SHALL BE REMOVED TO A DEPTH OF 4" BELOW TOP OF CURB TO ACCOMMODATE PROPOSED GRAVEL.
- 2. A 3" DEPTH OF 1" SUBANGULAR GRAVEL WITH FILTER FABRIC UNDER SHALL BE INSTALLED THROUGHOUT THE LANDSCAPE AREAS.
- 3. FILTER FABRIC SHALL BE MIN. 4 OZ NON-WOVEN NEEDLE-PUNCHED POLYPROPYLENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3" AND TURN DOWN EDGES 6".
- 4. TREES SHALL BE INSTALLED PER COA STANDARD DRAWING 2714.

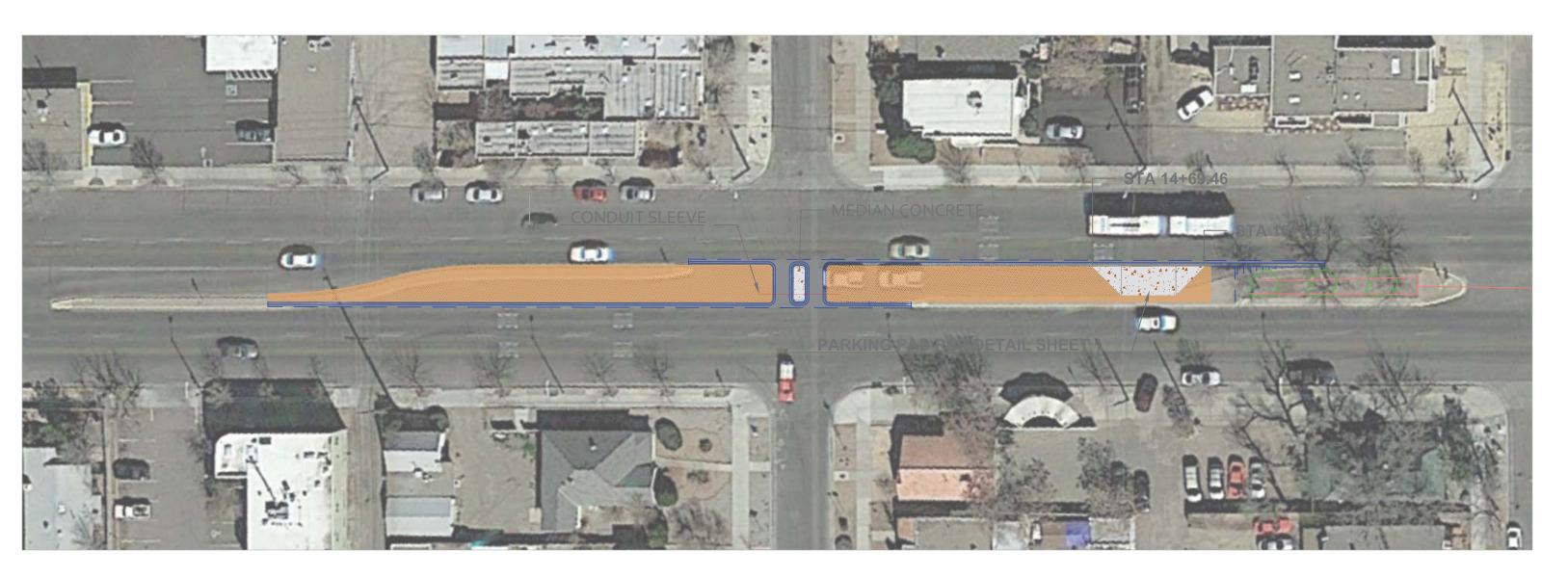


MEDIAN GRADING DETAIL



PARKING PAD DETAIL





GENERAL NOTES

- 1. CONDUIT SHALL BE 2" SLEEVE CLASS 200 PVC. DEPTH OF BURY SHALL BE 28".
- 2. CONDUIT SHALL BE PLACED TO MATCH OFFSET OF EXISTING IRRIGATION SYSTEMS. PLACEMENT SHALL BE VERIFIED BY OWNER'S REPRESENTATIVE.



