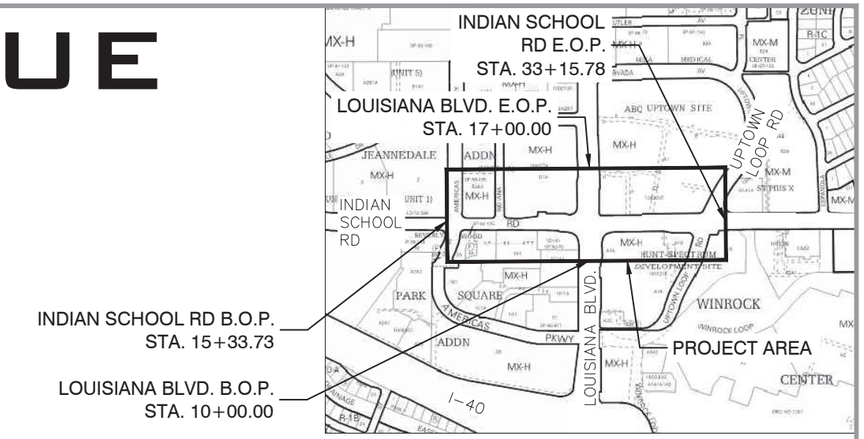
CITY OF ALBUQUERQUE
NEW MEXICO
DEPARTMENT OF
MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION



SCALE: 1" = 500'

VICINITY MAP

N

ZONE ATLAS MAP: H-18, H-19, J-18, J-19
PROJECT LENGTH: 0.355 MI. = 1875.08 FT.

NMDOT

PS&E DESIGN - AUGUST 2023

UPTOWN INTERSECTION IMPROVEMENTS

BERNALILLO COUNTY

PROJECT NUMBER 6097.31
CN A302250

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

PROJECT DESCRIPTION:
PROJECT INCLUDES THE DESIGN OF INTERSECTION AND SUPPORTING ROADWAY, ITS AND A HAWK SIGNAL IN THE ALBUQUERQUE UPTOWN AREA ALONG INDIAN SCHOOL RD BETWEEN AMERICAS PARKWAY AND UPTOWN LOOP ROAD. INCLUDES IMPROVEMENTS AT THE INTERSECTION OF LOUISIANA BLVD. AND INDIAN SCHOOL RD.

LENGTH OF PROJECT
0.4 MI

CONTACTS:

COA PROJECT MANAGER (DESIGN):
JILL CUPPERNELL (505) 768-3502

COA PROJECT MANAGER (CONSTRUCTION):
_____

ENGINEER OF RECORD:
ZACH TRONCOSO, PARAMETRIX (505) 998-5554

DRAWING SCALES
PLAN: 1" = 5'
1" = 20'
1" = 30'
1" = 50'

Parametrix
ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES
9600 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

ENGINEER STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	**********
ZACHARY S. TRONCOSO NEW MEXICO 25313 REGISTERED PROFESSIONAL ENGINEER	DRC CHAIRPERSON		11/17/23	APPROVED FOR CONSTRUCTION
8-24-2023	TRANSPORTATION		9/15/2023	
	WATER/WASTEWATER		9/20/2023	11/17/2023
	HYDROLOGY		09/20/23	CITY ENGINEER DATE
	PARKS			
	CONST. MGMT.			
	CONST. COORD.			
	CITY PROJECT NO.	6097.31		SHEET 1-1

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

PS&E PLANS NOT FOR CONSTRUCTION
PROJECT NUMBER 9043.17
UPTOWN INTERSECTION IMPROVEMENTS

INDEX OF SHEETS

SHEET NUMBER	SHEET DESCRIPTION
GENERAL	
1-1	COVER SHEET
1-2	INDEX OF SHEETS
1-3 TO 1-4	GENERAL NOTES
1-5	SUMMARY OF QUANTITIES
1-6	SURFACING SCHEDULE
1-7	MISCELLANEOUS QUANTITIES
1-8 TO 1-10	REMOVAL PLAN
1-11 TO 1-12	EXISTING TYPICAL SECTIONS - LOUISIANA BLVD
1-13 TO 1-15	EXISTING TYPICAL SECTIONS - INDIAN SCHOOL RD
1-16 TO 1-17	PROPOSED TYPICAL SECTIONS - LOUISIANA BLVD
1-18 TO 1-19	PROPOSED TYPICAL SECTIONS - INDIAN SCHOOL RD
1-20	ENVIRONMENTAL COMMITMENTS
	SUBTOTAL = 20
ROADWAY DETAILS	
3-1	SURVEY CONTROL
3-2 TO 3-4	INTERSECTION PLAN
3-5 TO 3-7	GEOMETRIC DETAILS
3-8 TO 3-12	CURB RAMP DETAILS
3-13 TO 3-14	TURNOUT PROFILES
3-15	MISCELLANEOUS DETAILS
	SUBTOTAL = 15
TRAFFIC DETAILS	
5-1	SIGNING & STRIPING LEGEND & NOTES
5-2	SIGNING & STRIPING QUANTITIES
5-3	SIGNING & STRIPING PLAN
5-4	TRAFFIC SIGNAL LEGEND & NOTES
5-5	EQUIPMENT & INCIDENTAL ITEMS, INTERCONNECT REQUIREMENTS
5-6	TRAFFIC SIGNAL ESTIMATED QUANTITIES
5-7	INDIAN SCHOOL RD & LOUISIANA BLVD TRAFFIC SIGNAL REMOVAL PLAN
5-8	INDIAN SCHOOL RD & LOUISIANA BLVD TRAFFIC SIGNAL PLAN
5-9	INDIAN SCHOOL RD & LOUISIANA BLVD TRAFFIC SIGNAL CABLES & CONDUITS - I
5-10	INDIAN SCHOOL RD & LOUISIANA BLVD TRAFFIC SIGNAL CABLES & CONDUITS - II
5-11	INDIAN SCHOOL RD & Q STREET TRAFFIC SIGNAL PLAN
5-12	INDIAN SCHOOL RD & Q STREET TRAFFIC SIGNAL CABLES & CONDUITS - I
5-13	INDIAN SCHOOL RD & Q STREET TRAFFIC SIGNAL CABLES & CONDUITS - II
5-14	ITS QUANTITIES AND LEGEND
5-15	TYPE C PULLBOX DETAIL
5-16	SPLICE VAULT DETAIL
5-17	TYPE IV ITS POLE DETAIL
5-18	CCTV CAMERA DETAIL
5-19	TYPICAL ITS INTERSECTION DETAIL
5-20	FIBER SPLICE AND COMMUNICATION DETAILS
5-21 TO 5-22	ITS DESIGN
	SUBTOTAL = 22
DRAINAGE DETAILS	
6-1	STORM DRAIN QUANTITIES
6-2 TO 6-5	STORM DRAIN SECTIONS
	SUBTOTAL = 5
UTILITIES	
7-1 TO 7-3	EXISTING UTILITIES
	SUBTOTAL = 3

INDEX OF SHEETS

SHEET NUMBER	SHEET DESCRIPTION
TRAFFIC CONTROL	
9-0 TO 9-1	SUGGESTED SEQUENCE OF CONSTRUCTION
9-2	TRAFFIC CONTROL TYPICAL SECTIONS PHASE 1A
9-3	TRAFFIC CONTROL TYPICAL SECTIONS PHASE 1B
9-4	TRAFFIC CONTROL TYPICAL SECTIONS PHASE 1C
9-5	TRAFFIC CONTROL TYPICAL SECTIONS PHASE 1D
9-6	TRAFFIC CONTROL TYPICAL SECTIONS PHASE 2
9-7 TO 9-10	TRAFFIC CONTROL - PHASE 1A
9-11 TO 9-13	TRAFFIC CONTROL - PHASE 1B
9-14 TO 9-16	TRAFFIC CONTROL - PHASE 1C
9-17 TO 9-19	TRAFFIC CONTROL - PHASE 1D
9-20 TO 9-22	TRAFFIC CONTROL - PHASE 2
9-23 TO 9-26	TRAFFIC CONTROL - PHASE 3
9-27	TRAFFIC CONTROL QUANTITIES
9-28 TO 9-29	BIPARTISAN INFRASTRUCTURE LAW SIGNING
	SUBTOTAL = 30
	TOTAL = 95

CONSULTANTS

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

10-6-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDEX OF SHEETS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-2

GENERAL NOTES

1. GENERAL THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS THAT APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.

2. SPECIFICATIONS ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2020 EDITION THROUGH UPDATE #1, AND WILL BE REFERRED TO HEREIN AS 'STANDARD SPECIFICATIONS'.

3. BUSINESS ACCESS THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE DMD PUBLIC INFORMATION OFFICER (PIO), WHO WILL ADVISE THE PUBLIC OF CONSTRUCTION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. ANY IMPACT TO ACCESS OF BUSINESSES OR RESIDENCES SHALL BE COORDINATED SEVEN (7) DAYS IN ADVANCE WITH THE CITY OF ALBUQUERQUE AND AFFECTED BUSINESSES/RESIDENCES. REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS.

4. CONSTRUCTION SCHEDULE TEN (10) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A DETAILED CONSTRUCTION SCHEDULE THAT SHALL BE SUBMITTED AND UPDATED IN ACCORDANCE WITH THE CONTRACT. FOURTEEN (14) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION SERVICES DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

5. 24 HOUR CONSTRUCTION MAY BE REQUIRED ON ARTERIALS STREETS AT THE DISCRETION OF THE CITY OF ALBUQUERQUE PROJECT MANAGER.

6. NM ONE-CALL SEVEN (7) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM (811 OR 1-800-409-2132) FOR LOCATION OF EXISTING UTILITIES.

7. PERMITS THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. COST OF PERMITS SHALL BE AT THE CONTRACTOR'S EXPENSE.

8. 24-HOUR CONSTRUCTION ALL WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE 24- HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY. THE CONSTRUCTION SERVICES ENGINEER SHALL DETERMINE IF 24-HOUR CONSTRUCTION IS REQUIRED AND COORDINATE WITH THE CONTRACTOR.

9. 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.

10. OVERNIGHT PARKING 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. OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

11. CONSTRUCTION CLEAR ZONE THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 3 FEET FROM THE FACE OF THE CURB. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITH THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN 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 INCLUDED IN ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.).

12. REGULATORY SIGNS THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION FOURTEEN (14) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED OR REINSTALLED. CALL (505) 857-8680. REFER TO SECTION 18.4.4 OF THE STANDARD SPECIFICATIONS.

13. SURVEY MONUMENTS 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 CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT HIS OWN 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.

14. 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. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE AT THE COST OF THE CONTRACTOR.

15. 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 PROWAG AND ADA ACCESSIBILITY REQUIREMENTS. ALL TEMPORARY PEDESTRIAN FACILITIES IMPLEMENTED DURING CONSTRUCTION SHALL COMPLY WITH PROWAG AND ADA STANDARDS. THIS WORK SHALL BE PAID FOR UNDER ITEM 19.010 TRAFFIC CONTROL & BARRICADING, COMPL.

16. 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 CITY PROJECT ENGINEER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE CITY PROJECT ENGINEER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED PRIOR TO FINAL INSPECTION AND ACCEPTED BY THE CONSTRUCTION ENGINEER PRIOR TO FINAL PAYMENT.

17. GRAFFITI THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, FACILITIES, APPURTENANCES AND ANY AND ALL BARRICADING AND SIGNAGE ASSOCIATED WITH THE PROJECT, WHETHER PERMANENT OR TEMPORARY, WITHIN 24 HOURS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 19.010 TRAFFIC CONTROL & BARRICADING, COMPL.

18. CONSTRUCTION SIGNING THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT IS ACCEPTED BY THE CITY.

19. 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, EMBANKMENT, AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.

20. EXISTING TIE-IN ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS AND DRIVEPADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.

21. PULL BOXES WHERE PULL BOXES ABUT BACK OF CURB OR ARE LOCATED IN A CONCRETE PAVED AREA, PROVIDE 3/4" EXPANSION MATERIAL AROUND THE PULL BOX (INCLUDED IN PAYMENT FOR ITEM 425.002 ELECTRICAL PULL BOX, STANDARD. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.

22. CURB RAMPS BEFORE SCHEDULING DELIVER OF CONCRETE, THE CONTRACTOR SHALL MEET WITH CITY INSPECTOR/CONSTRUCTION PROJECT MANAGER TO ENSURE THE CONCRETE FORMWORK IS CONSTRUCTED TO DIMENSIONS AND GRADE SHOWN ON PLANS AND MEETS PROWAG, 2011 TECHNICAL DESIGN CRITERIA. THE CONTRACTOR SHALL CALIBRATE 24" ELECTRONIC DIGITAL LEVEL PRIOR TO VERIFYING MEASUREMENTS. THE CONTRACTOR SHALL VERIFY MEASUREMENTS MEET REQUIREMENTS OR REQUIRE CORRECTION OF ALL DISCREPANCIES BEFORE SCHEDULING OF CONCRETE TO ENSURE THE FINISHED CONCRETE WILL MEETING PROWAG REQUIREMENTS. WHEN ALL MEASUREMENTS MEET REQUIREMENTS THEN THE INSPECTOR SHALL PERMIT CONCRETE POUR. THE CONTRACTOR SHALL REPEAT THE PROCEDURE AFTER CONCRETE POUR TO ENSURE THE CURB RAMP MEETS PROWAG. FINAL ACCEPTANCE OF A CURB RAMPS DOES NOT OCCUR UNTIL THE FINAL INSPECTION OF THE PROJECT. THE COST FOR THIS PROCEDURE SHALL BE INCLUDED IN THEM 340.0231 WHEELCHAIR ACCESS RAMP.

23. SAWCUT WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAWCUT, TO FULL PAVEMENT DEPTH OR AS SHOWN IN THE PLANS, 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 343.02 EXISTING PAVEMENT, ASPHALT CONCRETE, UP TO 4" THICK, SAWCUT, REMOVE & DISPOSE. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK COAT.

24. 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 CITY STANDARD DETAILS.

25. DAMAGE REPAIR THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, CURB RAMPS, SIGNAGE, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE. DAMAGED PAVEMENT STRIPING AND MARKINGS SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

26. REMOVALS THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR EACH REMOVAL ITEM.

27. CONCRETE REMOVAL REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, DRIVEPAD OR CONCRETE PAVEMENT SHALL BE TO THE NEAREST JOINT.

28. DISPOSALS 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. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO ITEM 201.010 SITE CLEARING AND GRUBBING AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

29. BACKFILL COMPACTION 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.

30. OSHA REQUIREMENTS ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.652 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES.

31. EXISTING UTILITIES IN PLAN ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, COA SYSTEMS, UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY 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.

32. AVOIDING UTILITIES THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION ENGINEER.

33. UTILITY RELOCATIONS UTILITY RELOCATIONS BY THE UTILITY OWNERS WILL BE COMPLETED PRIOR TO CONSTRUCTION; HOWEVER, THE CONTRACTOR IS HEREBY ADVISED THAT SOME LIMITED UTILITY RELOCATION WORK BY THE UTILITY OWNERS MAY NEED TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACT 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. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.

35. MATCHING EXISTING GRADES 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' INCREMENT MIN.). MINOR ADJUSTMENTS TO THE STREET GRADES WILL BE CONSIDERED INCIDENTAL TO ITEM 336.024. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS, MUST BE RESTORED TO THE SAME OR BETTER CONDITION AS BEFORE CONSTRUCTION.

36. HUMAN REMAINS IF HUMAN REMAINS ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE ALL WORK AND CONTACT THE OFFICE OF MEDICAL EXAMINER FOR FURTHER INSTRUCTIONS.

LEGEND

- Electric Marker
- Electric Box
- Electric Manhole
- Street Light
- Power Pole
- Service Pole
- Guy Anchor
- Electric Pull Box
- Traffic Signal Pull Box
- Traffic Signal
- Traffic Signal Man Hole
- Traffic Signal Mast Arm
- SINGLE BILLBOARD
- DOUBLE BILLBOARD
- Water Meter
- Water Valve
- Fire Hydrant
- Water Well
- Monitor Well
- Water Manhole
- Water Test Station
- Water Faucet
- Irrigation Control Box
- Gas Meter
- Gas Valve
- Gas Regulator
- Gas Tank
- Gas Test Station
- Gas Marker
- Telephone/FO Marker
- Telephone Pull Box
- Telephone Pedestal
- Telephone Manhole
- Telephone Pole
- Fiber Optic Pedestal
- Sanitary Sewer Manhole
- Storm Drain Manhole
- Drop Inlet
- Clean Out
- CATV Pedestal
- Existing Single Post Sign
- Existing Double Post Sign
- Existing Bollard
- Tele Hand Hole
- FO Hand Hole
- Comm Hand Hole
- CATV Hand Hole
- Elec Hand Hole
- Existing Tree-deciduous
- Existing Tree-coniferous
- 5200.00 Ex. Spot Elev
- TA 5200.00 Ex. Top of Asphalt

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

UTILITY COMPANY CONTACTS

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BEN WILTBANK
Contractor PE
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ABCWUA (WATER & SEWER)
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UPN
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MITCH GUINN
Construction Services
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MCI/VERIZON
JEFF CORIA
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Traffic Operations
One Civic Plaza, Traffic Ops
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CONSULTANTS

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BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL
ZACHARY S. TRONCOSO NEW MEXICO 25321 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

GENERAL NOTES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19
CITY PROJECT NO.
6097.31
SHEET NO.
1-3

37. DROP-OFF POLICY IF A PAVEMENT DROP-OFF IS CREATED DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT'S CURRENT "DROP-OFF GUIDELINE" PER NMDOT'S DESIGN MANUAL CHAPTER 900. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 19.010.

38. VIBRATION MONITORING AND DIGITAL VIDEO RECORDING SHALL BE PERFORMED IN AND AROUND ALL STRUCTURES ADJACENT TO CONSTRUCTION. "STRUCTURE" IS DEFINED AS BUILDINGS, RETAINING AND PRIVACY WALLS, END WALLS, DROP INLETS, CATCH BASINS, SEWER AND SERVICE PIPES, DRAINS AND OTHER FEATURES THAT AMY BE ENCOUNTERED DURING CONSTRUCTION. THE CONSTRUCTION AREA AND AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION SHALL BE VIDEO TAPED. VIBRATION MONITORING AND DIGITAL VIDEO RECORDING SHALL BE INCLUDED IN ITEM 19.010.

39. SUBGRADE PREPARATION THE SUBGRADE PREPARATION SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK, OR TO THE RIGHT-OF-WAY.

40. R-VALUE CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. THE DESIGN R-VALUE IS 62. IN THE EVENT THE R-VALUE IS LESS THAN 55, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 55 OR CONTACT THE CITY PROJECT ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.

41. ABCWUA COORDINATION 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 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 PROCEDURE.ASPX

42. UTILITY REPAIR THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL REPAIR COSTS OF ANY AND ALL DAMAGE CAUSED BY THEIR OPERATIONS TO THE WORK OR ANY UTILITY IDENTIFIED IN THE PLANS. UTILITIES NOT SHOWN ON THE DRAWINGS HALL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR. UTILITIES WHICH ARE RELOCATED BY OTHERS AND CROSS THE WORK SHALL BE MAINTAINED IN THEIR RELOCATED POSITIONS BY THE CONTRACTOR. ALL COSTS FOR SUCH WORK SHALL BE AT THE CONTRACTOR'S EXPENSE WITHOUT REIMBURSEMENT.

43. UTILITY COORDINATION THE CONTRACTOR SHALL GIVE ALL PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR WRITTEN NOTICE AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE 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, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN THE EVEN AN UNPLANNED CONFLICT BETWEEN AN EXISTING, BUT PREVIOUSLY UNIDENTIFIED, UTILITY LINE AND NEW CONSTRUCTION ARISES, BOTH SHALL IMMEDIATE REPORT ANY DAMAGES TO PUBLIC OR PRIVATE PROPERTY TO THE OWNER OF THE PROPERTY INVOLVED, AND TO THE ENGINEER.

44. ELECTRICITY PAYMENT THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF ELECTRICITY FOR THE LIGHTING THROUGH PNM UNTIL FINAL ACCEPTANCE OF THE PROJECT, AT WHICH TIME IT WILL BE TRANSFERRED TO THE CITY OF ALBUQUERQUE.

45. TRANSIT COORDINATION TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROPOSED PROJECT WILL HAVE ON THE TRANSIT SYSTEM, SUCH AS CAUSING A DETOUR, OR THE CLOSING OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS ANDREW DE GARMO, OFFICE PHONE 505-724-3109 AND EMAIL ADEGARMO@CABQ.GOV.

46. TRAFFIC COORDINATION THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

47. CONSTRUCTION SIGNING ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, 2009 EDITION.

48. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.

49. EDGE SMOOTHNESS THE CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, THE CONTRACTOR SHALL SAW CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED. REFER TO COA STANDARD DRAWING 2465 ARTERIAL SECTION.

50. ALL SWPPP EROSION CONTROL MEASURES MUST BE REMOVED FROM THE RIGHT-OF-WAY PRIOR TO FINAL ACCEPTANCE.

51. EXCAVATION PERMIT AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.

52. OBSTRUCTIONS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

53. STRIPING ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMOPLASTIC REFLECTORIZED PAVEMENT MARKING BY THE CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

54. UTILITY LINE RECORDING THE CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.

55. SALVAGEABLE MATERIALS SALVAGEABLE MATERIALS FROM THIS PROJECT ARE TO BE HAULED AND STOCKPILED AT THE CITY OF ALBUQUERQUE PINO YARDS. HAUL OF SUCH MATERIAL SHALL BE PERFORMED DURING NORMAL WORKING HOURS AS DIRECTED BY THE PROJECT ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR EACH SALVAGE ITEM.

56. REMOVAL OF PAVEMENT MARKINGS THE REMOVAL OF PAVEMENT MARKINGS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, STANDARD DETAILS (SECTION 2900) AND THE 2009 EDITION OF THE MUTCD (WITH REVISIONS) BY WATER BLASTING ONLY.

57. LANDSCAPING EXISTING LANDSCAPING IMPACTED BY CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 1005.320. ALL OTHER ADJACENT LANDSCAPING TO BE PROTECTED BY THE CONTRACTOR AND NO SEPARATE PAYMENT WILL BE MADE.

58. DETECTABLE WARNING SURFACE SHALL BE A MINIMUM OF 1/4" THICK, CAST-IN-PLACE AND REPLACEABLE.

59. WATER SHUT-OFFS WATER SHUT-OFFS INVOLVING TRANSMISSION, MASTER PLAN, COLLECTOR, WELL COLLECTOR, OR SAN JUAN CHAMA LINES MAY NOT BE PERMITTED DURING THE MONTHS OF MAY THROUGH SEPTEMBER DUE TO THE DEMAND ON THE SYSTEM. CONSTRUCTION SCHEDULES WILL NEED TO BE COORDINATED WITH THE WATER AUTHORITY, PLANT & FIELD DIVISIONS WHEN THESE TYPES OF WATERLINES ARE IMPACTED. ALL SUBSURFACE WORK AROUND SAN JUAN CHAMA TRANSMISSION LINES REQUIRE SPECIAL PROCEDURES OUTLINED IN THE WATER AUTHORITY ADMINISTRATIVE INSTRUCTION NO. 9.

LEGEND

- Electric Marker
- Electric Box
- Electric Manhole
- Street Light
- Power Pole
- Service Pole
- Guy Anchor
- Electric Pull Box
- Traffic Signal Pull Box
- Traffic Signal
- Traffic Signal Man Hole
- Traffic Signal Mast Arm
- SINGLE BILLBOARD
- DOUBLE BILLBOARD
- Water Meter
- Water Valve
- Fire Hydrant
- Water Well
- Monitor Well
- Water Manhole
- Water Test Station
- Water Faucet
- Irrigation Control Box
- Gas Meter
- Gas Valve
- Gas Regulator
- Gas Tank
- Gas Test Station
- Gas Marker
- Telephone/FO Marker
- Telephone Pull Box
- Telephone Pedestal
- Telephone Manhole
- Telephone Pole
- Fiber Optic Pedestal
- Sanitary Sewer Manhole
- Storm Drain Manhole
- Drop Inlet
- Clean Out
- CATV Pedestal
- Existing Single Post Sign
- Existing Double Post Sign
- Existing Bollard
- Tele Hand Hole
- FO Hand Hole
- Comm Hand Hole
- CATV Hand Hole
- Elec Hand Hole
- Existing Tree-deciduous
- Existing Tree-coniferous
- 5200.00 Ex. Spot Elev
- TA 5200.00 Ex. Top of Asphalt

811

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

CONSULTANTS

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P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25312 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION	BY
	AS-BUILT INFORMATION CONTRACTOR:	
	WORK STAKED BY: DATE:	
	INSPECTOR'S ACCEPTANCE BY: DATE:	
	FIELD VERIFICATION BY: DATE:	
	DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
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Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-4

CITY ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QTY	FINAL QTY
4.010	CONSTRUCTION STAKING, COMPL	LS	1	
4.020	CONSTRUCTION SURVEYING, COMPL	LS	1	
6.010	CONSTRUCTION PROJECT SIGN, PER CONTRACT SPECIAL PROVISIONS, CIP	EA	4	
6.050	CONSTRUCTION MOBILIZATION	LS	1	
19.010	CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL	LS	1	
201.010	SITE CLEARING AND GRUBBING, COMPL.	AC	0.08	
301.011	ANY COMBINATION OF CUT/FILL AND/OR BALANCE AND/OR GRADING, LESS THAN 2' EXCAV, NO IMPORT OR EXPORT OF MATERIAL, CIP AT 95% COMPACTION	SY	1,326	
301.020	SUBGRADE PREP 12" AT 95% COMPACTION	SY	700	
302.010	AGGREGATE BASE COURSE, CRUSHED, 6" AT 95% COMPACTION, CIP. SD 2408	SY	700	
336.010	PRIME COAT, EMULSIFIED ASPHALT, CIP	SY	700	
336.022	ASPHALT CONCRETE, 2 INCH THICK, SUPERPAVE	SY	13,100	
336.024	ASPHALT CONCRETE, 3 INCH THICK, SUPERPAVE	SY	700	
336.079	ASPHALT CONCRETE, PLACEMENT, 2" THICK, ARTERIAL GRADATION SP-III OR SP-IV W/O MACHINE LAYDOWN, MATERIALS PAID SEPARATELY, CIP	SY	300	
336.080	ASPHALT CONCRETE, PLACEMENT, 3" THICK, ARTERIAL GRADATION SP-III OR SP-IV W/O MACHINE LAYDOWN, MATERIALS PAID SEPARATELY, CIP	SY	150	
336.120	TACK COAT, CATIONIC EMULSIFIED ASPHALT, CIP	SY	13,060	
337.020	CONCRETE PAVEMENT, 6" THICK, PORTLAND CEMENT CONCRETE WITH FLY ASH, CIP. SD 2411	SY	110	
340.010	SIDEWALK, 4" THICK, PCC, INCL. SUBGRADE COMPACTION, CIP, SD 2430	SY	591	
340.023	CURB ACCESS RAMP, 4" PCC, STD. CURB, CIP	SY	201	
340.029	DETECTABLE WARNING SURFACES FOR ADA RAMPS	SF	316	
340.030	VALLEY GUTTER & CURB, PORTLAND CEMENT CONCRETE, INCL. REINFORCEMENT AND SUBGRADE COMPACTION, CIP. SD 2420	SY	165	
340.050	CURB & GUTTER, STANDARD, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE PREPARATION, CIP, SD 2415	LF	965	
340.060	CURB & GUTTER, MEDIAN, PORTLAND CEMENT CONCRETE, CIP. SD 2408	LF	661	
343.030	EXISTING PAVEMENT, ASPHALT CONCRETE, MORE THAN 4" THICK, SAWCUT, REMOVE AND DISPOSE, COMPL	SY	1,498	
343.040	EXISTING PAVEMENT, PC CONCRETE, UP TO 6" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	SY	208	
343.080	EXISTING CURB & GUTTER OR VALLEY GUTTER, PC CONCRETE, REMOVE & DISPOSE, COMPL.	LF	1,951	
343.085	EXISTING SIDEWALK, 4" PC CONCRETE, REMOVE & DISPOSE	SY	808	
344.040	COLD MILLING, ASPHALT CONCRETE PAVEMENT, 2" THICKNESS, INCL. DISPOSAL OF MILLINGS, COMPL.	SY	11,700	
421.010	METER PEDESTAL (SIGNAL), CIP	EA	1	
421.015	SERVICE CONNECTION (SIGNAL), CIP	EA	2	
422.002	TRAFFIC SIGNAL PEDESTAL POLE, 10', CIP	EA	3	
422.003	TRAFFIC SIGNAL PEDESTAL POLE, 13', CIP	EA	4	
422.004	TRAFFIC SIGNAL PEDESTAL POLE, 15', CIP	EA	4	
422.016	TRAFFIC SIGNAL MASTARM, 30' ARM, TYPE II, TROMBONE, CIP	EA	1	
422.018	TRAFFIC SIGNAL MASTARM, 35' ARM, TYPE II, TROMBONE, CIP	EA	1	
422.045	TRAFFIC SIGNAL MASTARM, 45' ARM, TYPE II, TROMBONE, CIP	EA	2	
422.060	TRAFFIC SIGNAL MASTARM, 60' ARM, TYPE II, TROMBONE, CIP	EA	2	
422.101	TRAFFIC SIGNAL PEDESTAL POLE, ANY SIZE, REMOVE & SALVAGE, COMPL.	EA	5	
422.110	TRAFFIC SIGNAL MASTARM, ANY SIZE, REMOVE & SALVAGE, COMPL.	EA	4	
422.132	STREET LIGHT STANDARD, ANY SIZE, REMOVE & RELOCATE, COMPL.	EA	1	
422.341	TYPE IV STEEL ITS 40' POLE (FOR PTZ CAMERAS), CIP.	EA	2	
423.001	TRAFFIC SIGNAL FOUNDATION FOR PEDESTAL POLE, CIP	EA	11	
423.002	TRAFFIC SIGNAL MASTARM FOUNDATION, CIP	EA	6	
423.003	TRAFFIC SIGNAL CONTROLLER FOUNDATION (TYPE M & P CABINET), CIP	EA	1	
423.022	FOUNDATION FOR 40' TYPE IV ITS POLE	EA	3	
423.101	TRAFFIC SIGNAL FOUNDATION MASTARM, REMOVE & DISPOSE, COMPL	EA	4	
423.102	TRAFFIC SIGNAL FOUNDATION, FOR PEDESTAL POLE & SPLICE CABINET, REMOVE & DISPOSE, COMPL.	EA	5	
424.012	ELECTRICAL CONDUIT, 3", INCLUDING PUSHING, BORING, AND JACKING, CIP.	LF	5,110	
425.002	ELECTRICAL PULL BOX (STANDARD) CIP.	EA	1	
425.003	ELECTRICAL PULL BOX (LARGE) CIP.	EA	13	
425.004	INSTALL NEW TYPE C SIGNAL PULLBOX	EA	1	
425.021	ITS SPLICE VAULT, CIP	EA	3	
425.100	ELECTRICAL PULL BOX, ANY TYPE, ADJUST TO GRADE, CIP	EA	5	
425.101	ELECTRICAL PULL BOX, ANY TYPE, REMOVE & DISPOSE, CIP	EA	9	
426.001	SINGLE CONDUCTOR #2, CIP	LF	1,920	
426.003	SINGLE CONDUCTOR #6, CIP	LF	5,240	
426.010	MULTI-CONDUCTOR CABLE, #5, CIP	LF	2,990	
426.014	MULTI-CONDUCTOR CABLE, #20, CIP	LF	2,475	
426.101	EXISTING WIRING, REMOVE & DISPOSE, COMPL	LS	1	
427.002	3 SECTION TRAFFIC SIGNAL ASSEMBLY, CIP	EA	20	
427.003	3 SECTION TRAFFIC SIGNAL ASSEMBLY FOR HAWK CONFIG., CIP	EA	6	
427.023	PEDESTRIAN SIGNAL, L.E.D., COUNTDOWN, CIP	EA	12	
427.031	3 SECTION BACKPLATE, CIP	EA	12	
427.032	3 SECTION BACKPLATE FOR HAWK CONFIG., CIP	EA	6	
427.121	PEDESTRIAN SIGNAL, ANY TYPE, REMOVE & SALVAGE, COMPL	EA	8	
428.010	PUSH BUTTON STATION, CIP	EA	12	
428.011	PUSH BUTTON STATION, REMOVE & SALVAGE, COMPL	EA	8	
428.050	LOOP LEAD-IN CABLE, CIP	LF	130	
428.075	OPTICAL DETECTOR 1D/1C, CIP	EA	2	
428.078	OPTICAL DETECTOR CABLE, CIP	LF	1,300	
428.210	INSTALL CCTV (PTZ) CAMERA INCLUDING MOUNT, CIP.	EA	3	
428.301	RADAR POWER CABLE	LF	1,400	
429.001	TRAFFIC ACTUATED CONTROLLER, CIP.	EA	3	
429.016	ETHERNAL FSK MODEM	EA	2	
429.021	8 PHASE DUAL RING CONTROLLER CABINET, CIP.	EA	1	
429.130	REMOVE AND RELOCATE ANY INTELLIGENT TRANSPORTATION SYSTEM (ITS) DEVICE	EA	1	
431.320	TEMPORARY SPAN WIRE SIGNAL, COMPL.	LS	1	
435.006	SINGLE MODE FIBER OPTIC CABLE (6)	LF	635	
435.048	SINGLE MODE FIBER OPTIC CABLE (48)	LF	2,485	
435.600	SPLICE CLOSURE, WITH CABLE SPLICE	EA	3	
435.610	EXISTING SPLICE CLOSURE RESPLICE	EA	1	
435.708	TESTING & TROUBLESHOOTING, HOUR	HR	16	
435.702	MANAGED FIELD ETHERNET SWITCH (FS)	EA	3	
435.850	WIRELIESS SIGNAL COMMUNICATION SYSTEM (FS)	LS	1	
438.001	GIS DOCUMENTATION	LS	1	
441.001	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP	LF	5,300	
441.002	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 6" WIDTH, CIP	LF	1,200	
441.003	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 8" WIDTH, CIP	LF	200	
441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP	LF	1,400	
441.011	REFLECTORIZED PLASTIC ARROW, LEFT, CIP	EA	16	
441.020	REFLECTORIZED PLASTIC WORD, ONLY, CIP	EA	7	
441.031	REFLECTORIZED PLASTIC SYMBOL, BICYCLE, CIP	EA	5	
450.001	ALUMINUM PANEL SIGN, CIP.	SF	106	
450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP.	LF	60	
450.101	SIGN, POST & BASE POST, REMOVE AND SALVAGE, COMPL	EA	5	
701.100	TRENCHING, BACKFILLING & COMPACTION, FOR 18" TO 36" SEWER PIPE, UP TO 8' IN DEPTH, PIPE NOT INCL., COMPL	LF	38	
701.320	BACKFILL MATERIAL, SELECT, INCL. COMPACTION, CIP	CY	10	
802.400	WATER METER BOX, ADJUST TO GRADE, COMPL.	EA	4	
910.009	24" REINFORCED CONCRETE PIPE, CLASS III, FURNISH & PLACE IN OPEN TRENCH, CIP	LF	24	
910.103	DRAINLINE REMOVAL, 10" TO 18", EXCL. TRENCHING, COMPL	LF	14	
915.030	CATCH BASIN, TYPE "C", SINGLE GRATE, CIP, SD 2205	EA	1	
915.040	CATCH BASIN, TYPE "C", DOUBLE GRATE, CIP, SD 2205	EA	3	
915.070	CATCH BASIN, EXISTING, REMOVE & DISPOSE, ANY TYPE, INCL. CLEANUP, COMPL, SD 2200	EA	4	
920.010	MANHOLE, 4' DIA, TYPE "C", LESS THAN 6' DEEP, CIP, SD 2101	EA	3	
920.420	EXISTING MANHOLE FRAME & COVER, ADJUST TO PAVEMENT GRADE WHERE ADJUSTMENT OF CONCRETE OR BLOCK BARREL IS REQUIRED, CIP	EA	5	
1005.320	GRAVEL MULCH 2"-4" CANYON GOLD, INCL. FILTER FABRIC, CIP	SY	980	
1006.300	REMOVE ABOVE GRADE SEDIMENT AND DEBRIS FROM EXISTING CULVERTS AND DRAINAGE STRUCTURES, COMPL	LS	2	
	ABCWUA ITEMS			
801.111	VALVE BOX, ADJUST TO GRADE, CIP	EA	2	
920.420	EXISTING MANHOLE FRAME & COVER, ADJUST TO PAVEMENT GRADE WHERE ADJUSTMENT OF CONCRETE OR BLOCK BARREL IS REQUIRED, CIP	EA	3	

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Elev.=5283.222'

SEAL

NEW MEXICO — ZACHARY S. TRONCOSO — 25312 — REGISTERED PROFESSIONAL ENGINEER — 11-15-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
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CALL NM ONE-CALL
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PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SUMMARY OF QUANTITIES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 6097.31
SHEET NO. 1-5

SURFACING SCHEDULE

Sta	to	Sta	Description	Length (ft)	301.02 SUBGRADE PREPARATION 12" Avg. Width (ft)	301.02 Area (SY)	302.01 AGGREGATE BASE COURSE 6" Width (ft)	302.01 Avg. Depth (in)	302.01 Area (SY)	344.04 COLD MILLING APHALT, 2" THICK Width (ft)	344.04 Avg. Depth (in)	344.04 Area (SY)	336.022 ASPHALT CONCRETE 2.0" THICK, SUPERPAVE Width (ft)	336.022 Avg. Depth (in)	336.022 Area (SY)	336.024 ASPHALT CONCRETE 3" THICK, SUPERPAVE Width (ft)	336.024 Avg. Depth (in)	336.024 Area (SY)
10+07.55	to	11+83.28	Asphalt Repair for C&G Intall	175.7	1.00	20	1.00	6	20				1.00	4	39	1.00	3	20
10+43.23	to	15+25.76	Louisiana Blvd. Mill and Inlay	482.5	Varies					Varies	2	11672	Varies	2	11672			
10+76.97	to	11+04.52	Asphalt Repair for C&G Intall	27.6	1.00	3	1.00	6	3				1.00	4	6	1.00	3	3
11+25.56	to	11+51.76	Asphalt Repair for C&G Intall	26.2	1.00	3	1.00	6	3				1.00	4	6	1.00	3	3
11+51.76	to	11+75.46	Asphalt Repair for C&G Intall	23.7	1.00	3	1.00	6	3				1.00	4	5	1.00	3	3
11+75.47	to	12+66.80	Louisiana Blvd. SW Inlet	91.3	Varies	257	Varies	6	257				Varies	4	514	Varies	3	257
11+83.35	to	12+55.43	Louisiana Blvd. SE Inlet	72.1	Varies	137	Varies	6	137				Varies	4	274	Varies	3	137
13+28.30	to	13+94.51	Louisiana Blvd. NW Inlet	66.2	Varies	152	Varies	6	152				Varies	4	304	Varies	3	152
13+37.07	to	13+52.73	Asphalt Repair for C&G Intall	15.7	1.00	2	1.00	6	2				1.00	4	3	1.00	3	2
13+94.36	to	16+04.34	Asphalt Repair for C&G Intall	210.0	1.00	23	1.00	6	23				1.00	4	47	1.00	3	23
22+94.45	to	23+40.09	Asphalt Repair for C&G Intall	45.6	1.00	5	1.00	6	5				1.00	4	10	1.00	3	5
25+51.35	to	26+28.65	Asphalt Repair for C&G Intall	77.3	1.00	9	1.00	6	9				1.00	4	17	1.00	3	9
26+77.36	to	28+29.94	Asphalt Repair for C&G Intall	152.6	2.00	34	2.00	6	34				2.00	4	68	2.00	3	34
27+97.32	to	28+28.01	Asphalt Repair for C&G Intall	30.7	1.00	3	1.00	6	3				1.00	4	7	1.00	3	3
28+02.84	to	28+17.33	Asphalt Repair for C&G Intall	14.5	1.00	2	1.00	6	2				1.00	4	3	1.00	3	2
28+82.87	to	29+11.19	Asphalt Repair for C&G Intall	28.3	1.00	3	1.00	6	3				1.00	4	6	1.00	3	3
28+95.99	to	30+64.83	Asphalt Repair for C&G Intall	168.8	2.00	38	2.00	6	38				2.00	4	75	2.00	3	38
			Unit 1 Total			**692.46**			**692.46**			**11672.00**			**13056.91**			**692.46**
			Unit 1 Use			**700**			**700**			**11700**			**13100**			**700**

SURFACING SCHEDULE

Sta	to	Sta	Description	Length (ft)	336.079 ASPHALT CONCRETE 2" THICK, WITHOUT MACHINE Width (ft)	336.079 Avg. Depth (in)	336.079 Area (SY)	336.08 ASPHALT CONCRETE 3" THICK, WITHOUT MACHINE Width (ft)	336.08 Avg. Depth (in)	336.08 Area (SY)	336.01 PRIME COAT MATERIAL Width (ft)	336.01 Area (SY)	336.12 TACK COAT Width (ft)	336.12 Area (SY)
10+07.55	to	11+83.28	Asphalt Repair for C&G Intall	175.7	1.00	4	39	1.00	3	20	1.00	20	1.00	39
10+43.23	to	15+25.76	Louisiana Blvd. Mill and Inlay	482.5									Varies	11672
10+76.97	to	11+04.52	Asphalt Repair for C&G Intall	27.6	1.00	4	6	1.00	3	3	1.00	3	1.00	6
11+25.56	to	11+51.76	Asphalt Repair for C&G Intall	26.2	1.00	4	6	1.00	3	3	1.00	3	1.00	6
11+51.76	to	11+75.46	Asphalt Repair for C&G Intall	23.7	1.00	4	5	1.00	3	3	1.00	3	1.00	5
11+75.47	to	12+66.80	Louisiana Blvd. SW Inlet	91.3							Varies	257	Varies	514
11+83.35	to	12+55.43	Louisiana Blvd. SE Inlet	72.1							Varies	137	Varies	274
13+28.30	to	13+94.51	Louisiana Blvd. NW Inlet	66.2							Varies	152	Varies	304
13+37.07	to	13+52.73	Asphalt Repair for C&G Intall	15.7	1.00	4	3	1.00	3	2	1.00	2	1.00	3
13+94.36	to	16+04.34	Asphalt Repair for C&G Intall	210.0	1.00	4	47	1.00	3	23	1.00	23	1.00	47
22+94.45	to	23+40.09	Asphalt Repair for C&G Intall	45.6	1.00	4	10	1.00	3	5	1.00	5	1.00	10
25+51.35	to	26+28.65	Asphalt Repair for C&G Intall	77.3	1.00	4	17	1.00	3	9	1.00	9	1.00	17
26+77.36	to	28+29.94	Asphalt Repair for C&G Intall	152.6	2.00	4	68	2.00	3	34	2.00	34	2.00	68
27+97.32	to	28+28.01	Asphalt Repair for C&G Intall	30.7	1.00	4	7	1.00	3	3	1.00	3	1.00	7
28+02.84	to	28+17.33	Asphalt Repair for C&G Intall	14.5	1.00	4	3	1.00	3	2	1.00	2	1.00	3
28+82.87	to	29+11.19	Asphalt Repair for C&G Intall	28.3	1.00	4	6	1.00	3	3	1.00	3	1.00	6
28+95.99	to	30+64.83	Asphalt Repair for C&G Intall	168.8	2.00	4	75	2.00	3	38	2.00	38	2.00	75
			Unit 1 Total				**292.91**			**146.46**		**692.5**		**13056.9**
			Unit 1 Use				**300**			**150**		**700**		**13060**

CONSULTANTS

Parametrix
PLANNING · ENGINEERING · ENVIRONMENTAL SCIENCES
5060 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED '20-H18 1989'. THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

S. TRONCOSO — NEW MEXICO — 25371 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SURFACING SCHEDULE

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO. 1-6

CURB ACCESS RAMP — ITEM NO. 340.023

STATION	TO	STATION	LT/RT	S.Y.
10+76.94	TO	11+02.22	LT	18
11+31.28	TO	11+46.94	LT	8
12+12.66	TO	12+43.37	RT	27
12+24.21	TO	12+44.73	LT	19
13+39.13	TO	13+68.24	LT	23
13+39.59	TO	13+53.58	RT	7
27+97.3	TO	28+33.8	RT	50
28+02.84	TO	28+17.84	LT	14
28+74.1	TO	29+01.0	RT	35
			TOTAL	201

SIDEWALK 4" — ITEM NO. 340.010

STATION	TO	STATION	LT/RT	S.Y.
11+46.94	TO	12+47.79	LT	184
13+38.35	TO	13+65.75	RT	25
13+41.30	TO	16+04.34	LT	321
14+10.74	TO	15+25.77	RT	36
27+96.84	TO	28+02.84	LT	5
28+24.7	TO	28+33.8	RT	9
29+01.0	TO	29+11.2	RT	11
			TOTAL	591

VALLEY GUTTER — ITEM NO. 340.030

STATION	TO	STATION	LT/RT	S.Y.
10+86.94	TO	11+04.57	LT	11
11+25.56	TO	11+44.79	LT	14
25+31.87	TO	28+09.98	LT/RT	63
28+15.24	TO	28+28.01	RT	9
28+82.87	TO	29+00.88	RT	9
28+98.44	TO	31+61.10	LT/RT	59
			TOTAL	165

GRAVEL MULCH — ITEM NO. 1005.32

STATION	TO	STATION	LT/RT	S.Y.
10+13.10	TO	12+48.85	RT	358
10+78.72	TO	11+02.22	LT	5
11+46.94	TO	12+47.42	LT	82
13+39.28	TO	15+78.79	LT	203
22+18.32	TO	23+81.77	LT	95
25+33.00	TO	28+29.95	LT/RT	133
28+99.39	TO	31+60.10	LT/RT	104
			TOTAL	980

STANDARD CURB AND GUTTER — ITEM NO. 340.05

STATION	TO	STATION	LT/RT	L.F
10+07.55	TO	12+52.09	RT	343
11+44.79	TO	12+50.41	LT	200
13+37.30	TO	16+04.35	LT	318
13+37.07	TO	13+52.73	RT	22
28+28.02	TO	28+36.10	RT	27
28+02.84	TO	28+17.33	LT	15
28+75.79	TO	29+11.19	RT	40
			TOTAL	965

MEDIAN CONCRETE CURB AND GUTTER — ITEM NO. 340.06

STATION	TO	STATION	LT/RT	L.F
26+77.48	TO	28+31.45	LT/RT	302
28+96.89	TO	30+64.92	LT/RT	359
			TOTAL	661

CONCRETE PAVEMENT, 6" THICK — ITEM NO. 337.020

STATION	TO	STATION	LT/RT	S.Y.
28+28.02	TO	28+82.87	RT	110
			TOTAL	110

ANY COMBINATION OF CUT/FILL AND/OR BALANCE AND/OR GRADING, LESS THAN 2' EXCAV, NO IMPORT OR EXPORT OF MATERIAL, CIP AT 95% COMPACTION — ITEM NO. 301.011

LOCATION	LT/RT	S.Y.
SE CORNER OF LOUISIANA BLVD. AND INDIAN SCHOOL RD	RT	483
SW CORNER OF LOUISIANA BLVD. AND INDIAN SCHOOL RD	LT	410
NW CORNER OF LOUISIANA BLVD. AND INDIAN SCHOOL RD	LT	433
	TOTAL	1326

CONCRETE REMOVAL — ITEM NO. 343.040

STATION	TO	STATION	LT/RT	S.Y.
12+22.17	TO	12+49.96	RT	43
12+27.74	TO	12+49.10	LT	33
13+36.00	TO	13+50.95	LT	16
28+19.54	TO	28+29.51	LT	7
28+33.91	TO	28+77.42	RT	105
29+00.36	TO	29+10.76	RT	4
			TOTAL	208

ASPHALT REMOVAL — ITEM NO. 343.030

STATION	TO	STATION	LT/RT	S.Y.
10+07.55	TO	12+52.09	RT	483
10+77.00	TO	11+04.54	LT	13
11+25.58	TO	12+67.49	LT	410
13+28.30	TO	16+04.35	LT	433
13+37.74	TO	13+50.73	RT	18
26+77.37	TO	28+32.01	RT/LT	58
27+97.32	TO	28+35.01	RT	6
28+02.84	TO	28+17.33	LT	2
28+74.94	TO	29+11.19	RT	6
28+95.85	TO	30+64.90	RT/LT	69
			TOTAL	1498

CURB AND GUTTER & VALLEY GUTTER REMOVAL — ITEM NO. 343.080

STATION	TO	STATION	LT/RT	L.F.
10+07.55	TO	12+52.09	RT	412
10+86.94	TO	11+04.57	LT	60
11+25.43	TO	12+50.41	LT	305
13+37.30	TO	16+04.35	LT	360
13+37.74	TO	13+51.42	RT	18
26+77.48	TO	28+31.45	LT/RT	302
27+97.32	TO	28+34.89	RT	65
28+02.84	TO	28+17.33	LT	15
28+73.35	TO	29+11.19	RT	55
28+95.99	TO	30+64.92	LT/RT	359
			TOTAL	1951

SIDEWALK REMOVAL — ITEM NO. 343.085

STATION	TO	STATION	LT/RT	S.Y.
10+76.81	TO	11+02.32	LT	27
11+30.82	TO	12+47.78	LT	172
12+12.66	TO	12+43.37	RT	29
12+24.21	TO	12+44.73	LT	22
13+38.35	TO	13+65.75	RT	30
13+39.13	TO	13+68.24	LT	25
13+40.27	TO	13+51.58	RT	7
13+41.30	TO	16+04.34	LT	322
14+10.74	TO	15+25.77	RT	34
26+18.18	TO	26+28.05	LT	9
27+96.84	TO	28+02.84	LT	3
27+97.3	TO	28+33.8	RT	54
28+02.84	TO	28+17.84	LT	22
28+24.7	TO	28+33.8	RT	3
28+74.1	TO	29+01.0	RT	46
29+01.0	TO	29+11.2	RT	3
			TOTAL	808

ADJUST PULLBOX TO GRADE — ITEM NO. 425.100

STATION	LOCATION	EACH	REMARKS
LOUISIANA BLVD			
10+99.48	LT.	1	PULL BOX
12+08.18	LT.	1	PULL BOX
12+38.73	LT.	1	PULL BOX
13+52.92	LT.	1	PULL BOX
INDIAN SCHOOL RD			
27+77.01	LT.	1	PULL BOX

ADJUST WATER METER BOX TO GRADE — ITEM NO. 802.400

STATION	LOCATION	EACH	REMARKS
LOUISIANA BLVD			
11+02.62	LT.	1	WATER METER BOX
11+56.51	LT.	1	WATER METER BOX
11+64.67	LT.	1	WATER METER BOX
13+59.76	LT.	1	WATER METER BOX

ADJUST MANHOLE FRAME AND COVER TO GRADE — ITEM NO. 920.420

STATION	LOCATION	EACH	REMARKS
LOUISIANA BLVD			
12+10.30	LT.	1	MANHOLE FRAME & COVER
12+44.44	LT.	1	MANHOLE FRAME & COVER
12+67.70	LT.	1	MANHOLE FRAME & COVER (ABCWUA ITEM)
13+33.20	LT.	1	MANHOLE FRAME & COVER (ABCWUA ITEM)
13+47.68	LT.	1	MANHOLE FRAME & COVER
INDIAN SCHOOL RD			
27+06.44	RT.	1	MANHOLE FRAME & COVER (ABCWUA ITEM)
28+07.58	RT.	1	MANHOLE FRAME & COVER
28+69.64	RT.	1	MANHOLE FRAME & COVER

ADJUST VALVE BOX TO GRADE — ITEM NO. 801.111

STATION	LOCATION	EACH	REMARKS
LOUISIANA BLVD			
13+59.72	LT.	1	VALVE BOX (ABCWUA ITEM)
13+61.21	LT.	1	VALVE BOX (ABCWUA ITEM)

DETECTABLE WARNING SURFACES — ITEM NO. 340.029

STATION	TO	STATION	LT/RT	S.F.
10+89.99	TO	11+01.01	LT	21
11+30.40	TO	11+40.72	LT	17
12+24.51	TO	12+30.51	RT	13
12+24.71	TO	12+30.68	LT	13
12+33.55	TO	12+42.49	RT	17
12+38.35	TO	12+44.64	LT	16
13+39.36	TO	13+46.14	LT	15
13+41.14	TO	13+51.19	RT	25
13+46.78	TO	13+52.64	LT	14
26+85.96	TO	26+93.38	LT	22
27+19.36	TO	27+26.72	LT	22
28+09.34	TO	28+17.34	LT	16
28+10.29	TO	28+18.28	RT	16
28+10.96	TO	28+18.96	LT	16
28+11.00	TO	28+19.01	LT	17
28+26.65	TO	28+31.62	RT	16
28+55.39	TO	28+51.76	LT	12
28+78.96	TO	28+84.54	RT	17
28+91.58	TO	28+92.51	LT	12
			TOTAL	316

CONSULTANTS

Parametrix
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5900 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED '20-H18 1989'. THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

S. TRONCOSO ZACHARY — NEW MEXICO — 25351 — REGISTERED PROFESSIONAL ENGINEER
11-15-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

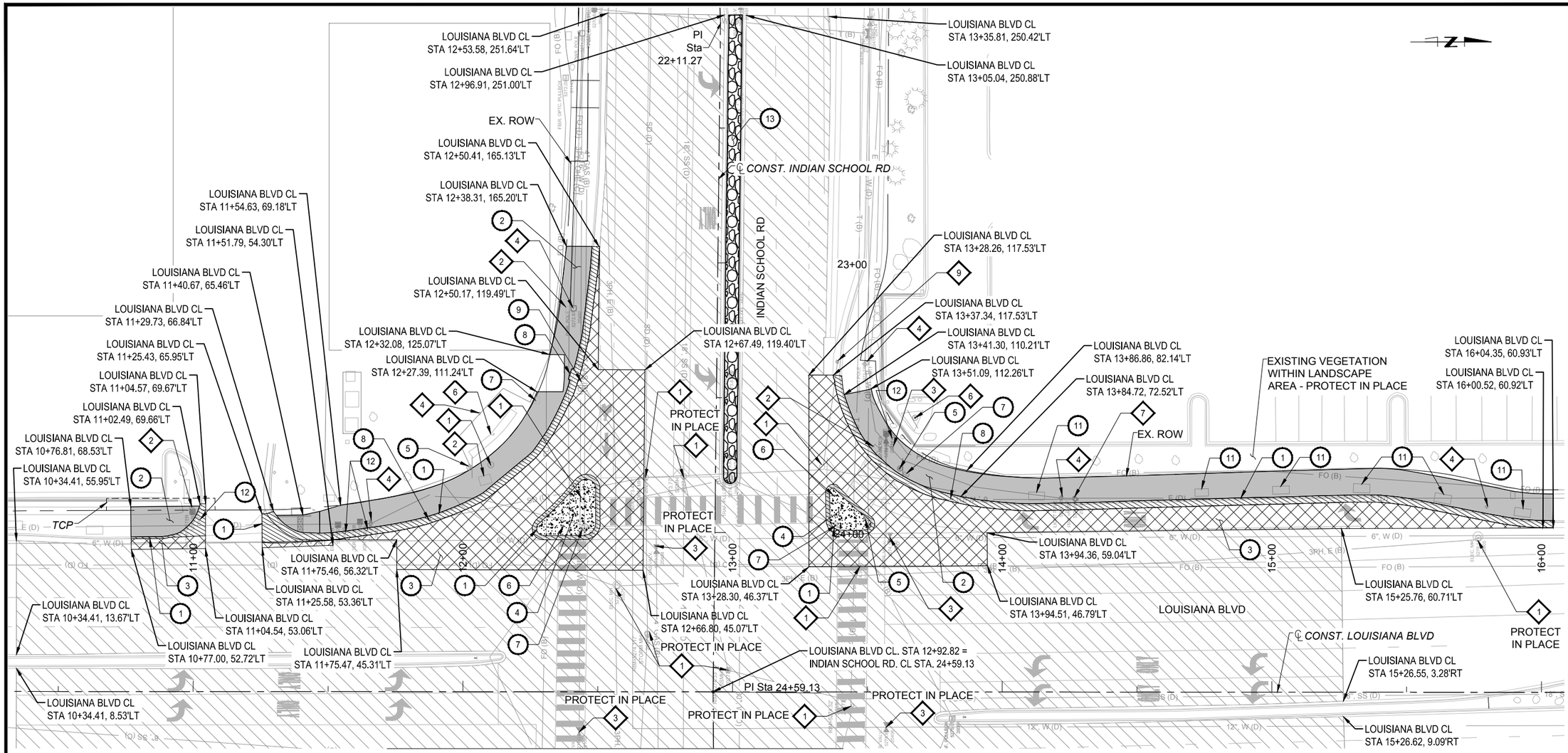
DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

MISCELLANEOUS QUANTITIES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 1-7



MATCHLINE STA. 24+80.00
INDIAN SCHOOL RD.

NOTES

1. REMOVAL OF EXISTING CURB AND GUTTER AND SIDEWALK SHALL BE TO THE NEAREST JOINT.
2. SAWCUTTING SHALL BE PAID UNDER ITEM NO. 343.03.
3. SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF TRAFFIC SIGNAL RELATED ITEMS.

REMOVAL LEGEND

- CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONCRETE PAVEMENT REMOVAL
- ANGULAR ROCK/GRAVEL REMOVAL
- 2" ASPHALT REMOVAL FOR MILL AND INLAY OPERATIONS

KEYED NOTES

1. REMOVE AND DISPOSE EXISTING C&G
2. REMOVE AND DISPOSE EXISTING SIDEWALK
3. REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT
4. REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT (PAID AS ITEM NO. 343.04)
5. REMOVE AND SALVAGE EXISTING SIGN AND POST
6. REMOVE AND SALVAGE EXISTING SIGNAL POLE, MASTARM AND SIGNALS (SEE SHEET 5-7 FOR SIGNAL REMOVALS)
7. REMOVE AND DISPOSE OF EXISTING PULL BOX
8. REMOVE AND DISPOSE OF EXISTING CURB DROP INLET. SEE STORM DRAIN SECTIONS FOR DETAILS.
9. REMOVE AND DISPOSE OF EXISTING 18" STORM DRAIN PIPE
10. REMOVE AND DISPOSE EXISTING LIGHT POLE
11. REMOVE EXISTING TREE GRATE (PAID AS ITEM NO. 343.085)
12. EXISTING WATER METER BOX - ADJUST TO GRADE
13. REMOVE AND DISPOSE EXISTING ANGULAR ROCK/GRAVEL (PAID AS ITEM NO. 201.01)

OTHER KEYED NOTES

1. EXISTING MANHOLE - ADJUST TO GRADE (SD 2460 & 2461)/ PROTECT IN PLACE
2. EXISTING PULL BOX - ADJUST TO GRADE
3. EXISTING VALVE BOX - ADJUST TO GRADE (SD 2460 & 2461)/ PROTECT IN PLACE
4. EXISTING POLE - PROTECT IN PLACE
5. EXISTING TREE - PROTECT IN PLACE
6. EXISTING SIGN - PROTECT IN PLACE
7. EXISTING FIRE HYDRANT - PROTECT IN PLACE
8. EXISTING INLET TO REMAIN - PROTECT IN PLACE. CLEAN OUT. (PAID UNDER ITEM NO. 1006.3)
9. EXISTING BOLLARDS - PROTECT IN PLACE
10. EXISTING SIGNAL POLE, MASTARM AND SIGNALS - PROTECT IN PLACE

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

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

CONSULTANTS

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5600 SAN MATEO BLVD. NE / ALBUQUERQUE, NM 87113
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BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL
ZACHARY S. TRONCOSO 25311 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
11-15-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

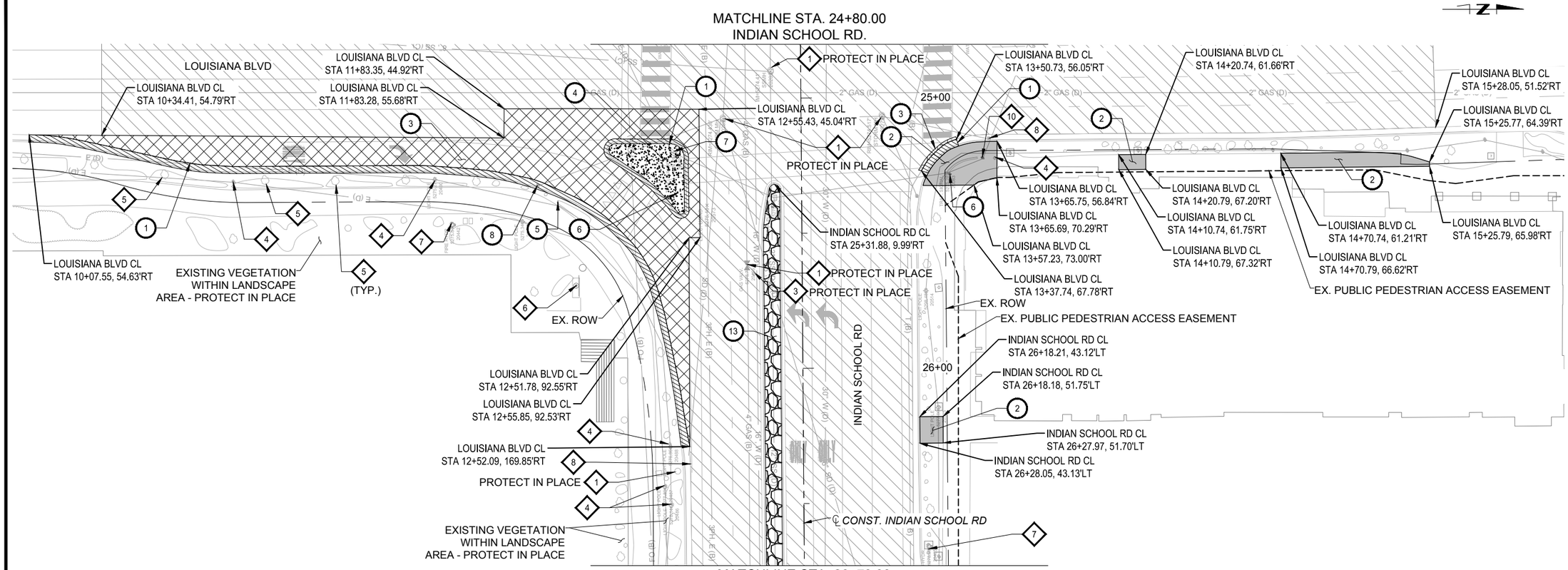
UPTOWN INTERSECTION IMPROVEMENTS

REMOVAL PLAN

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19
CITY PROJECT NO.
6097.31
SHEET NO.
1 - 8



NOTES

1. REMOVAL OF EXISTING CURB AND GUTTER AND SIDEWALK SHALL BE TO THE NEAREST JOINT.
2. SAWCUTTING SHALL BE PAID UNDER ITEM NO. 343.03.
3. SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF TRAFFIC SIGNAL ITEMS.

REMOVAL LEGEND

- CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONCRETE PAVEMENT REMOVAL
- ANGULAR ROCK/GRAVEL REMOVAL
- 2" ASPHALT REMOVAL FOR MILL AND INLAY OPERATIONS

KEYED NOTES

1. REMOVE AND DISPOSE EXISTING C&G
2. REMOVE AND DISPOSE EXISTING SIDEWALK
3. REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT
4. REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT (PAID AS ITEM NO. 343.04)
5. REMOVE AND SALVAGE EXISTING SIGN AND POST
6. REMOVE AND SALVAGE EXISTING SIGNAL POLE, MASTARM AND SIGNALS (SEE SHEET 5-7 FOR SIGNAL REMOVALS)
7. REMOVE AND DISPOSE OF EXISTING PULL BOX
8. REMOVE AND DISPOSE OF EXISTING CURB DROP INLET. SEE STORM DRAIN SECTIONS FOR DETAILS.
9. REMOVE AND DISPOSE OF EXISTING 18" STORM DRAIN PIPE
10. REMOVE AND DISPOSE EXISTING LIGHT POLE
11. REMOVE EXISTING TREE GRATE (PAID AS ITEM NO. 343.085)
12. EXISTING WATER METER BOX - ADJUST TO GRADE
13. REMOVE AND DISPOSE EXISTING ANGULAR ROCK/GRAVEL (PAID AS ITEM NO. 201.01)

OTHER KEYED NOTES

1. EXISTING MANHOLE - ADJUST TO GRADE (SD 2460 & 2461)/ PROTECT IN PLACE
2. EXISTING PULL BOX - ADJUST TO GRADE
3. EXISTING VALVE BOX - ADJUST TO GRADE (SD 2460 & 2461)/ PROTECT IN PLACE
4. EXISTING POLE - PROTECT IN PLACE
5. EXISTING TREE - PROTECT IN PLACE
6. EXISTING SIGN - PROTECT IN PLACE
7. EXISTING FIRE HYDRANT - PROTECT IN PLACE
8. EXISTING INLET TO REMAIN - PROTECT IN PLACE. CLEAN OUT. (PAID UNDER ITEM NO. 1006.3)
9. EXISTING BOLLARDS - PROTECT IN PLACE
10. EXISTING SIGNAL POLE, MASTARM AND SIGNALS - PROTECT IN PLACE

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

CONSULTANTS

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
5971 JEFFERSON BLVD NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL
ZACHARY S. TRONCOSO 25310 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		CONTRACTOR:	
		AS-BUILT INFORMATION	DATE:
		WORK STAKED BY:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

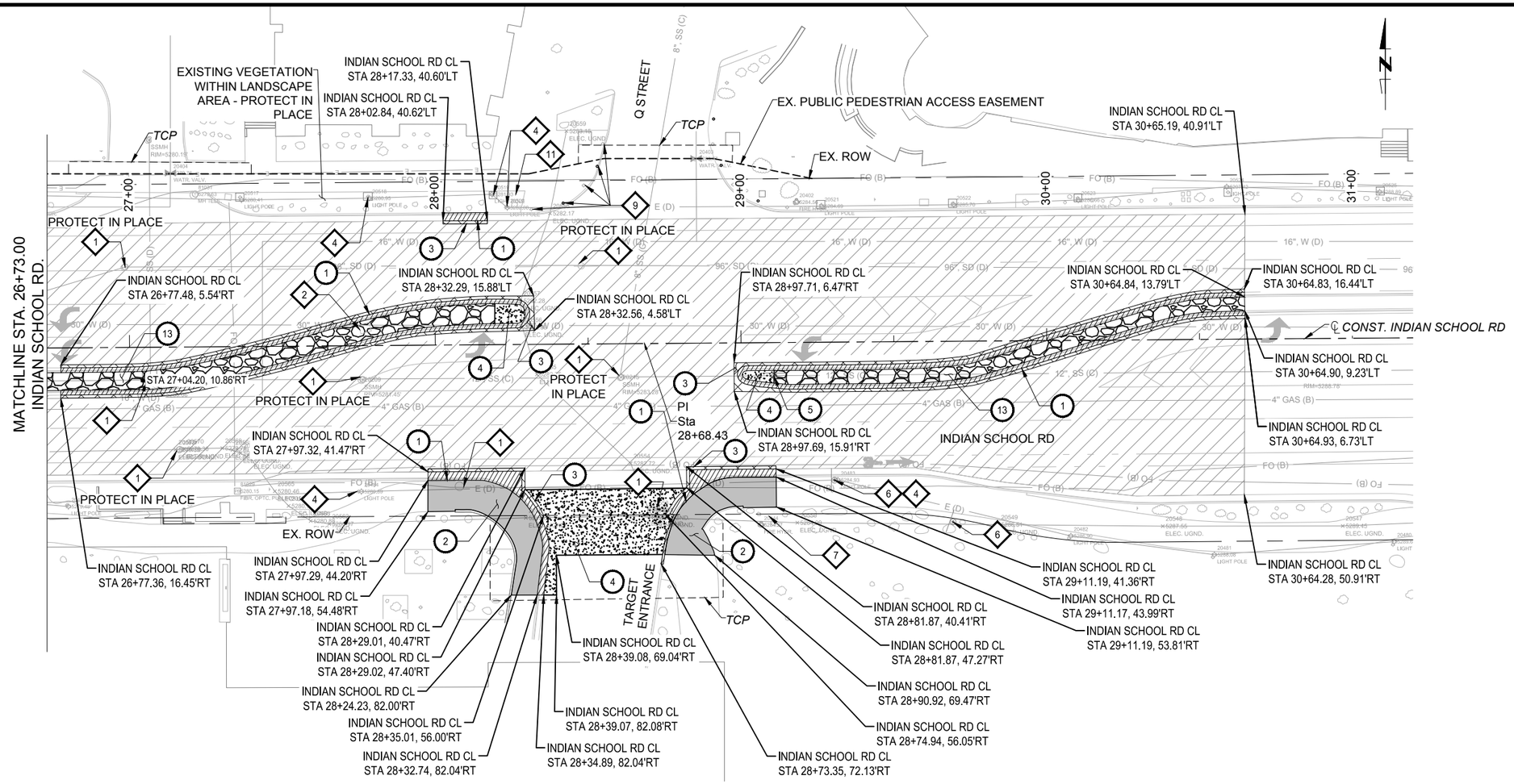
DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

REMOVAL PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 1 - 9



NOTES

1. REMOVAL OF EXISTING CURB AND GUTTER AND SIDEWALK SHALL BE TO THE NEAREST JOINT.
2. SAWCUTTING SHALL BE PAID UNDER ITEM NO. 343.03.

REMOVAL LEGEND

- CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONCRETE PAVEMENT REMOVAL
- ANGULAR ROCK/GRAVEL REMOVAL
- 2" ASPHALT REMOVAL FOR MILL AND INLAY OPERATIONS

KEYED NOTES

1. REMOVE AND DISPOSE EXISTING C&G
2. REMOVE AND DISPOSE EXISTING SIDEWALK
3. REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT
4. REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT (PAID AS ITEM NO. 343.04)
5. REMOVE AND SALVAGE EXISTING SIGN AND POST
6. REMOVE AND SALVAGE EXISTING SIGNAL POLE, MASTARM AND SIGNALS (SEE SHEET 5-7 FOR SIGNAL REMOVALS)
7. REMOVE AND DISPOSE OF EXISTING PULL BOX
8. REMOVE AND DISPOSE OF EXISTING CURB DROP INLET. SEE STORM DRAIN SECTIONS FOR DETAILS.
9. REMOVE AND DISPOSE OF EXISTING 18" STORM DRAIN PIPE
10. REMOVE AND DISPOSE EXISTING LIGHT POLE
11. REMOVE EXISTING TREE GRATE (PAID AS ITEM NO. 343.085)
12. EXISTING WATER METER BOX - ADJUST TO GRADE
13. REMOVE AND DISPOSE EXISTING ANGULAR ROCK/GRAVEL (PAID AS ITEM NO. 201.01)

OTHER KEYED NOTES

1. EXISTING MANHOLE - ADJUST TO GRADE (SD 2460 & 2461)/ PROTECT IN PLACE
2. EXISTING PULL BOX - ADJUST TO GRADE
3. EXISTING VALVE BOX - ADJUST TO GRADE (SD 2460 & 2461)/ PROTECT IN PLACE
4. EXISTING POLE - PROTECT IN PLACE
5. EXISTING TREE - PROTECT IN PLACE
6. EXISTING SIGN - PROTECT IN PLACE
7. EXISTING FIRE HYDRANT - PROTECT IN PLACE
8. EXISTING INLET TO REMAIN - PROTECT IN PLACE. CLEAN OUT. (PAID UNDER ITEM NO. 1006.3)
9. EXISTING BOLLARDS - PROTECT IN PLACE
10. EXISTING SIGNAL POLE, MASTARM AND SIGNALS - PROTECT IN PLACE
11. EXISTING PULL BOX - PROTECT IN PLACE

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
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CONSULTANTS

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BENCH MARKS

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DATUM: NAD 83
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Elev.=5283.222'

SEAL

S. TRONCOSO ZACHARY 25311 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

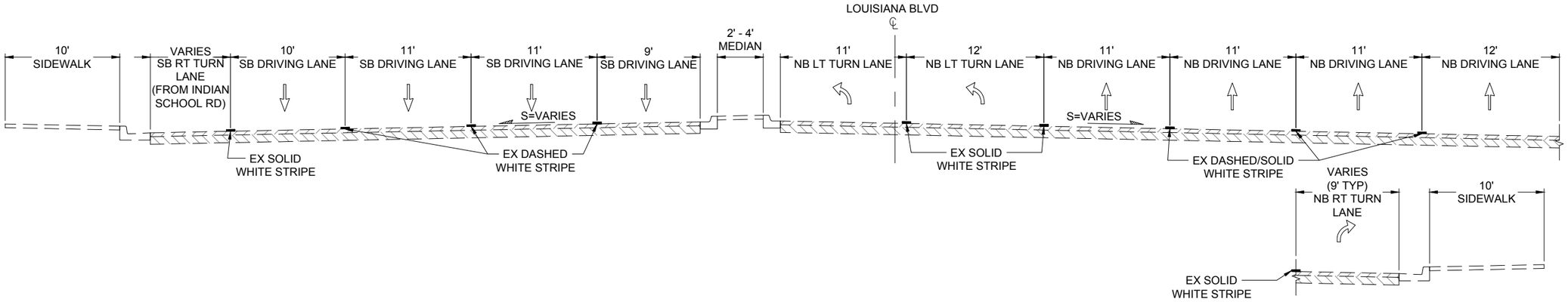
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

REMOVAL PLAN

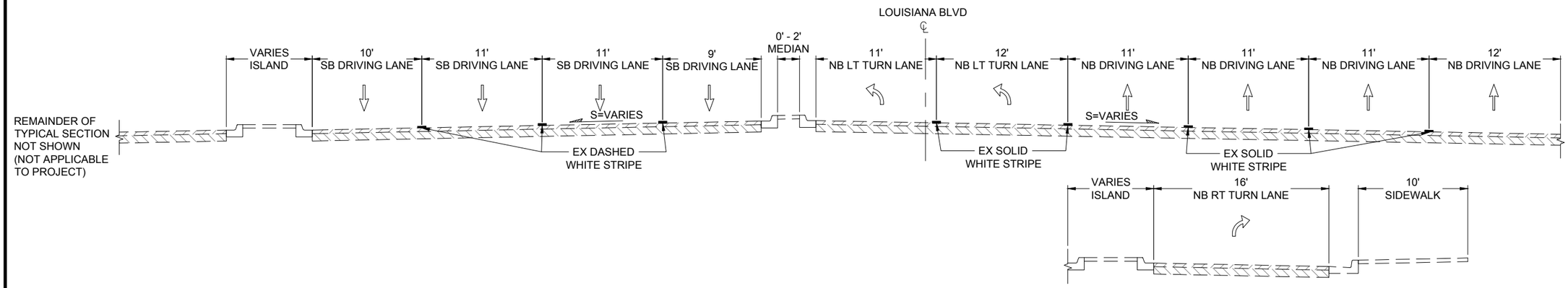
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19
CITY PROJECT NO.
6097.31
SHEET NO.
1 - 10



1 EXISTING TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

STA. 10+00.00 TO STA. 12+20.36



2 EXISTING TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

STA. 12+20.36 TO STA. 12+51.64

LOUISIANA BLVD. AND INDIAN SCHOOL RD INTERSECTION
STA. 12+51.64 TO STA. 13+34.61

LENGTH OF CONSTRUCTION

STATION	TO	STATION	LENGTH		REMARKS
			LIN. FT.	MILES	
10+34.41	-	16+04.35	569.94	0.108	LOUISIANA BLVD
15+33.73	-	33+15.78	1,782.05	0.338	INDIAN SCHOOL RD
	-				
PROJECT LENGTH			**2,351.99**	**0.445**	

NOTES

1. EXISTING PAVEMENT THICKNESS UNKNOWN.

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

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

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25314 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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DATE

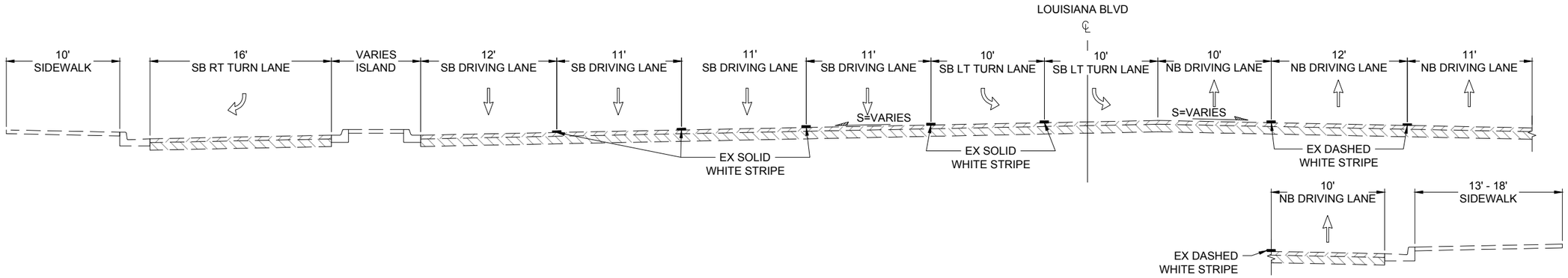
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

EXISTING TYPICAL SECTIONS - LOUISIANA BLVD

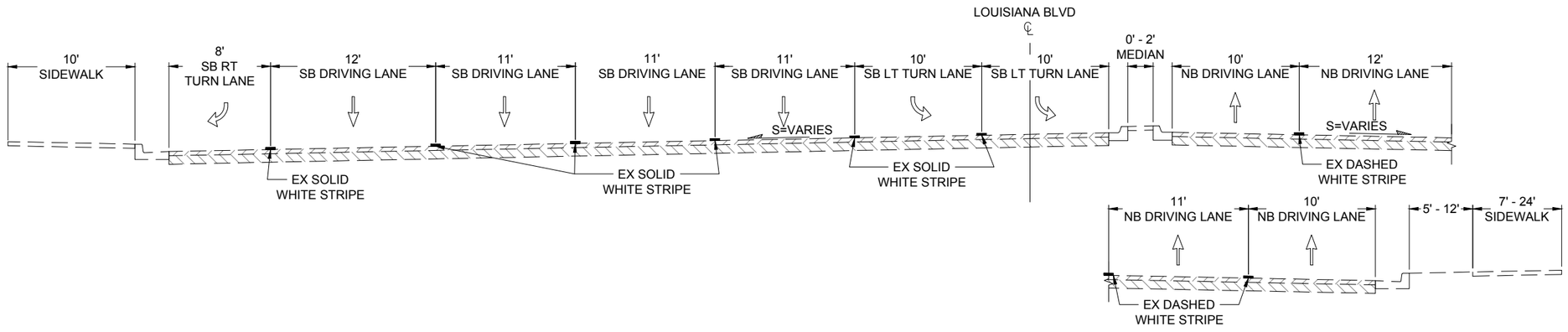
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 6097.31
SHEET NO. 1–11



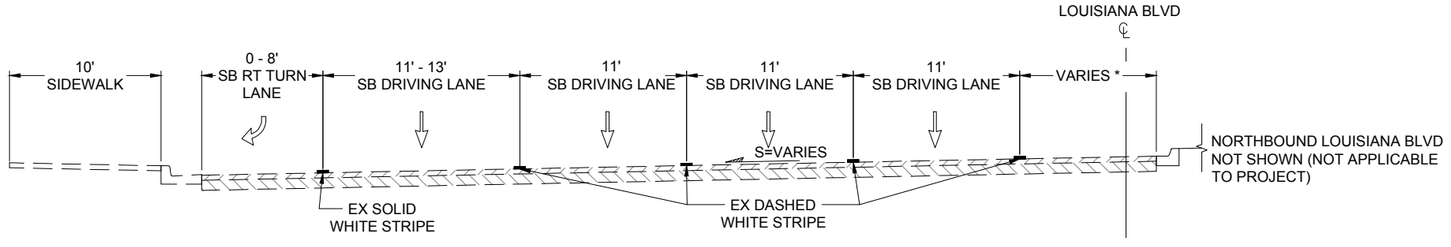
3 EXISTING TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

STA. 13+34.61 TO STA. 13+52.58



4 EXISTING TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

STA. 13+52.58 TO STA. 15+33.73



5 EXISTING TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

STA. 15+33.73 TO STA. 17+00.00

RT TURN LANE TRANSITION FROM 8' TO 0
STA. 15+33.73 TO STA. 16+02.40

* TRANSITION FROM TWO LT TURN LANES
STA. 15+64.91 TO STA. 17+00.00

NOTES

1. EXISTING PAVEMENT THICKNESS UNKNOWN.

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

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SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25337 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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811
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

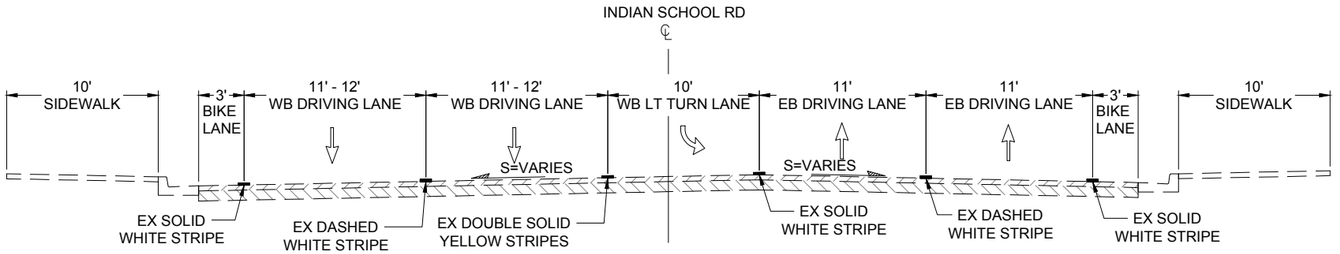
EXISTING TYPICAL SECTIONS - LOUISIANA BLVD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

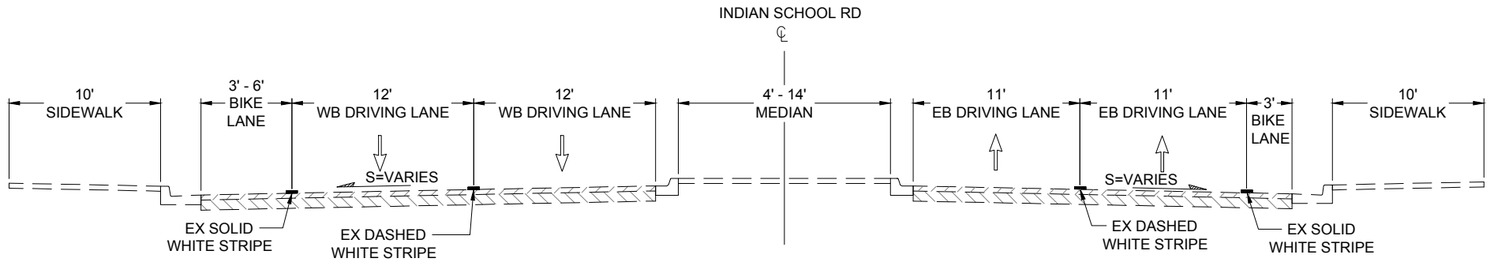
SHEET NO.
1-12



1 EXISTING TYPICAL SECTION (WEST OF LOUISIANA BLVD.)

STA. 20+00.00 TO STA. 20+64.47

EXISTING TYPICAL SECTION TO REMAIN IN PLACE



2 EXISTING TYPICAL SECTION (WEST OF LOUISIANA BLVD.)

STA.20+64.47 TO STA. 22+07.27

TRANSITION TO EB LT TURN LANE
STA. 21+41.87 TO STA. 22+07.27

EXISTING TYPICAL SECTION TO REMAIN IN PLACE

NOTES

1. EXISTING PAVEMENT THICKNESS UNKNOWN.

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

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

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25311 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

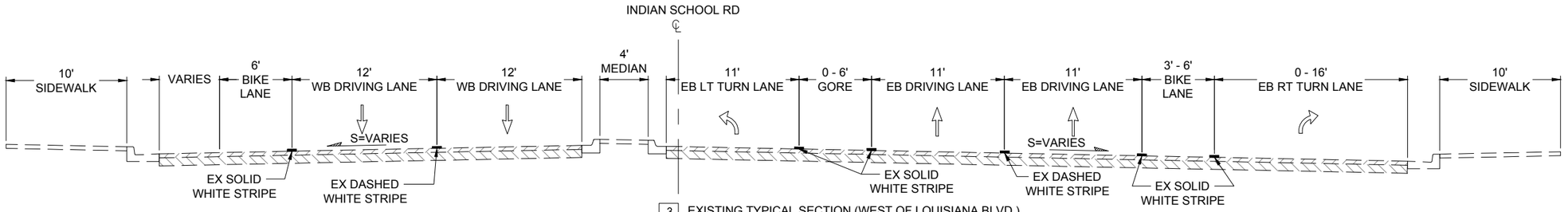
UPTOWN INTERSECTION IMPROVEMENTS

EXISTING TYPICAL SECTIONS - INDIAN SCHOOL RD

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-13

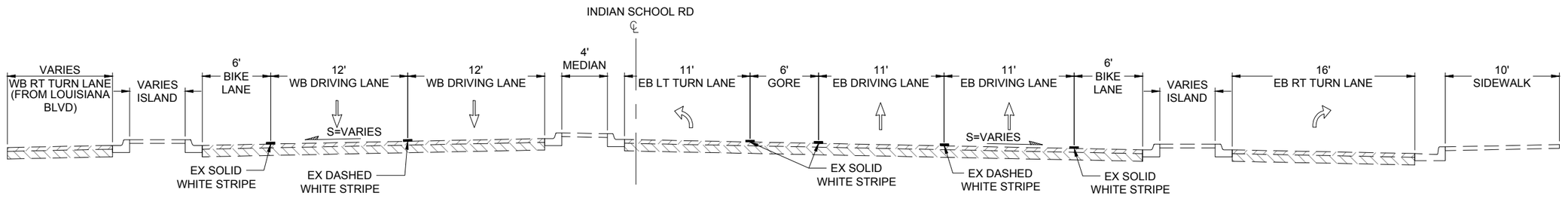


3 EXISTING TYPICAL SECTION (WEST OF LOUISIANA BLVD.)

STA. 22+07.27 TO STA. 23+79.54

GORE BEGINS AT STA. 22+07.27

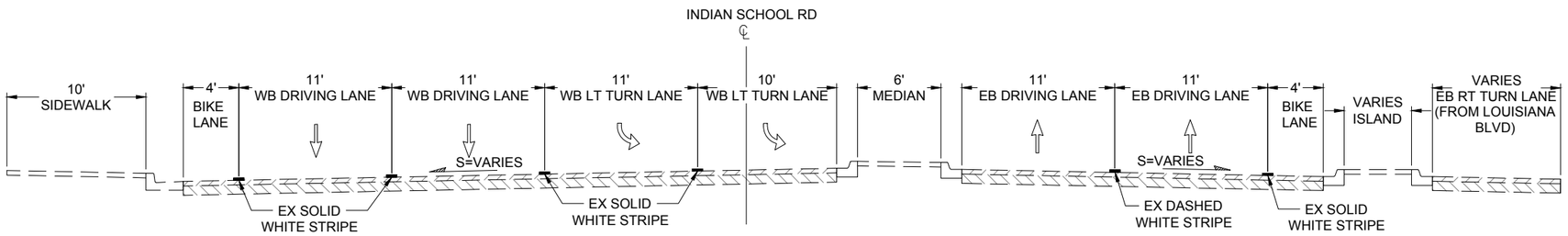
RT TURN LANE TRANSITION FROM 0 TO 16'
STA. 22+91.41 TO STA. 23+79.54



4 EXISTING TYPICAL SECTION (WEST OF LOUISIANA BLVD.)

STA. 23+79.54 TO STA. 24+03.00

INDIAN SCHOOL RD AND LOUISIANA BLVD. INTERSECTION
STA. 24+03.00 TO STA. 25+14.64



5 EXISTING TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

STA. 25+14.64 TO STA. 27+11.91

NOTES

1. EXISTING PAVEMENT THICKNESS UNKNOWN.

5 2.5 0 5 10

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

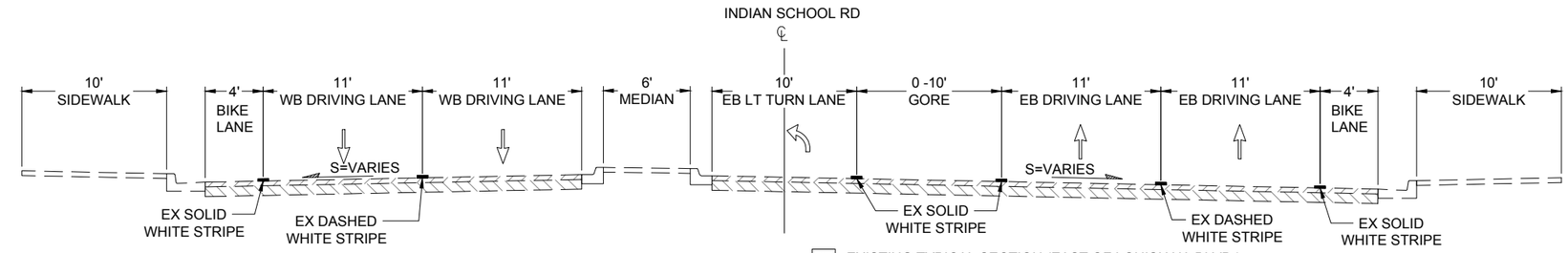
EXISTING TYPICAL SECTIONS -
INDIAN SCHOOL RD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-14

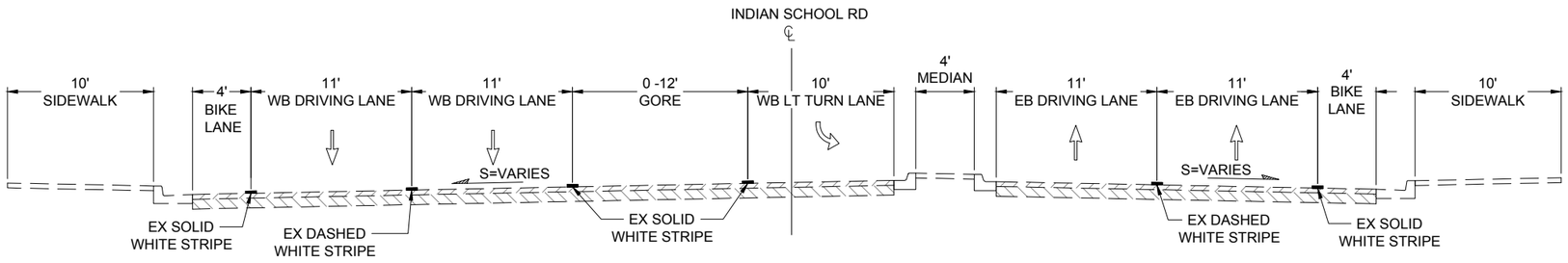


6 EXISTING TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

STA. 27+11.91 TO STA. 28+30.96

GORE BEGINS AT STA. 27+69.45

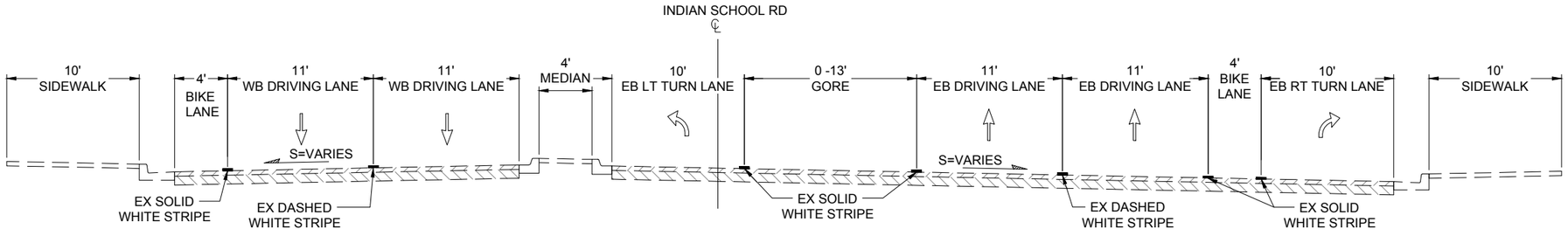
INDIAN SCHOOL RD AND Q STREET INTERSECTION
STA. 28+30.95 TO STA. 28+98.75



7 EXISTING TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

STA. 28+98.75 TO STA. 30+16.97

GORE ENDS AT STA. 29+95.40



8 EXISTING TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

STA. 30+16.97 TO STA. 31+75.08

NOTES

1. EXISTING PAVEMENT THICKNESS UNKNOWN.

5 2.5 0 5 10

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ZACHARY S. TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

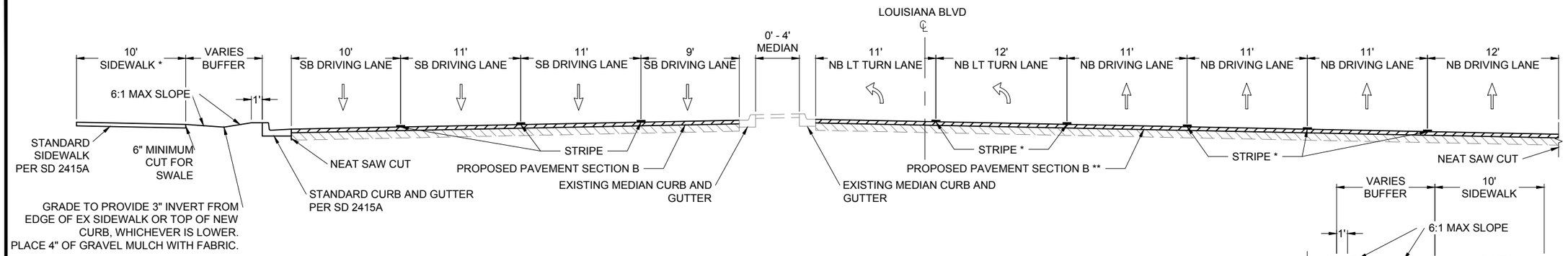
EXISTING TYPICAL SECTIONS -
INDIAN SCHOOL RD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

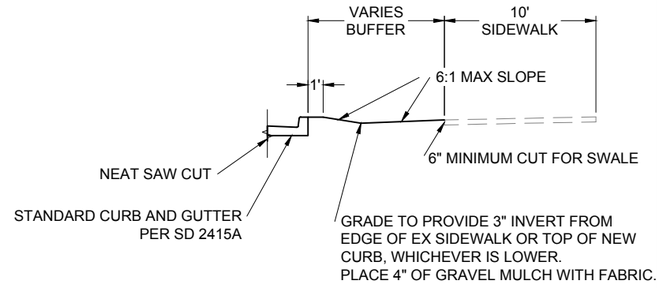
SHEET NO.
1-15



1A PROPOSED TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

STA. 11+51.76 TO STA. 12+18.02

* PROPOSED SIDEWALK STA. 10+76.94 TO STA. 11+02.22 LT.
PROPOSED SIDEWALK STA. 11+31.28 TO STA. 12+18.02 LT.

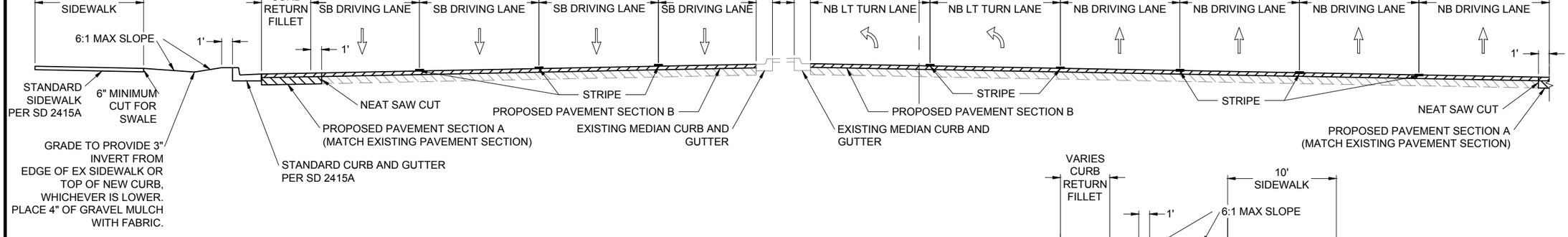


1B PROPOSED TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

STA. 10+07.55 TO STA. 12+15.00

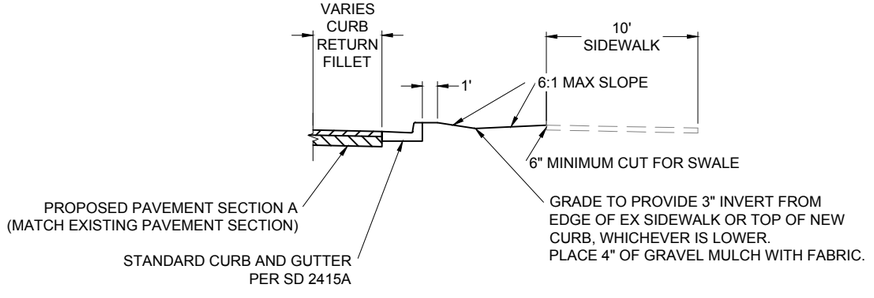
* EXISTING STRIPING STA. 10+07.55 TO STA. 10+34.94 RT.

** PROPOSED MILL AND INLAY BEGINS AT STA. 10+34.41 RT.



2A PROPOSED TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

STA. 12+18.02 TO STA. 12+50.00



2B PROPOSED TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

STA. 12+15.00 TO STA. 12+51.78

NOTES

1. CROSS SLOPE OF NEW PAVEMENT TO MATCH EXISTING PAVEMENT.

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

CONSULTANTS

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

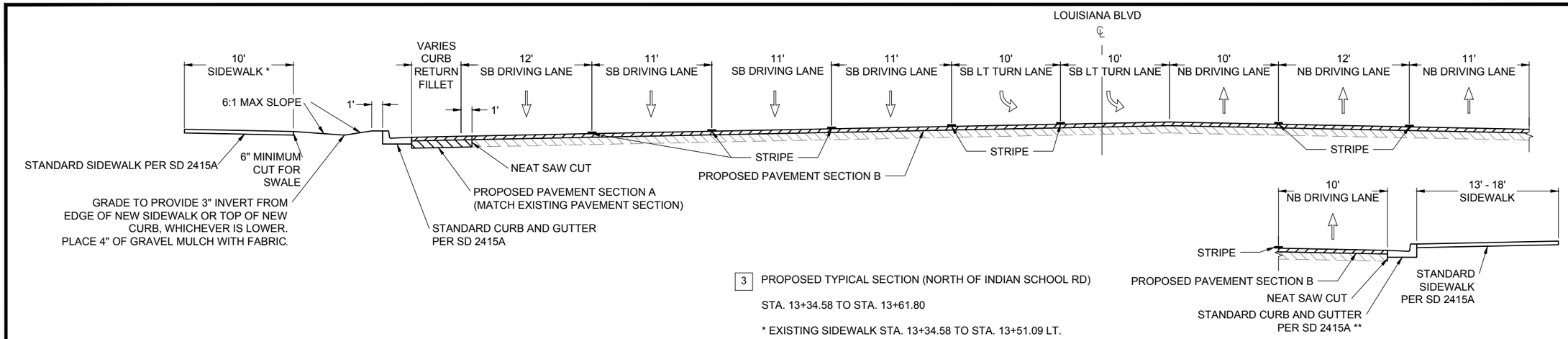
PROPOSED TYPICAL SECTIONS - LOUISIANA BLVD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-16

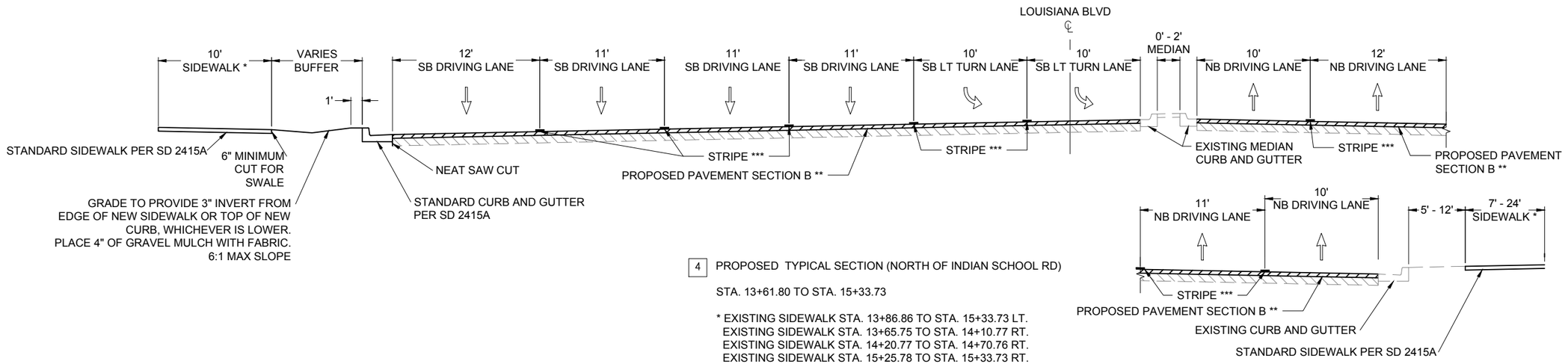


3 PROPOSED TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

STA. 13+34.58 TO STA. 13+61.80

* EXISTING SIDEWALK STA. 13+34.58 TO STA. 13+51.09 LT.

** PROPOSED CURB AND GUTTER STA. 13+37.74 TO STA. 13+50.73 LT.



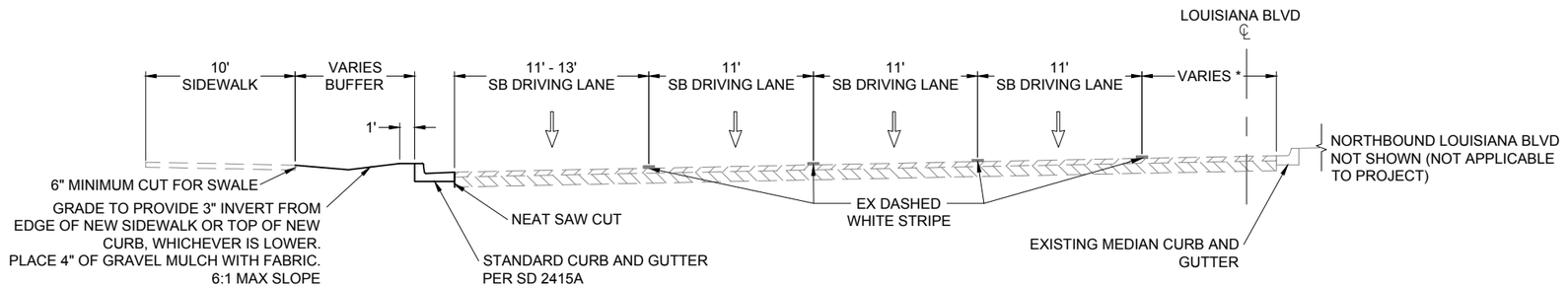
4 PROPOSED TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

STA. 13+61.80 TO STA. 15+33.73

* EXISTING SIDEWALK STA. 13+86.86 TO STA. 15+33.73 LT.
EXISTING SIDEWALK STA. 13+65.75 TO STA. 14+10.77 RT.
EXISTING SIDEWALK STA. 14+20.77 TO STA. 14+70.76 RT.
EXISTING SIDEWALK STA. 15+25.78 TO STA. 15+33.73 RT.

** PROPOSED MILL AND INLAY ENDS AT STA. 15+26.51 LT./RT

*** PROPOSED STRIPING ENDS AT STA 15+26.51 LT./RT.



5 PROPOSED TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

STA. 15+33.73 TO STA. 16+04.35

NOTES

1. CROSS SLOPE OF NEW PAVEMENT TO MATCH EXISTING PAVEMENT.

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

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

CONSULTANTS

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BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
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		DRAWINGS CORRECTED BY: DATE:	

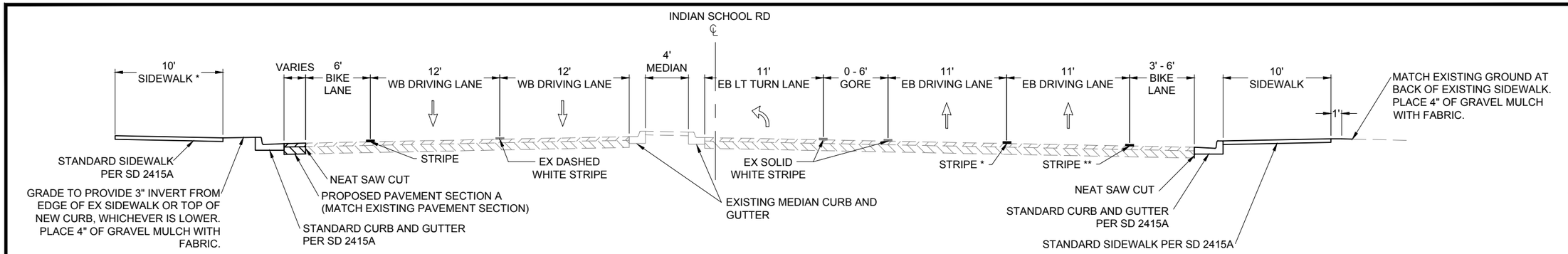
DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

PROPOSED TYPICAL SECTIONS - LOUISIANA BLVD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 1-17



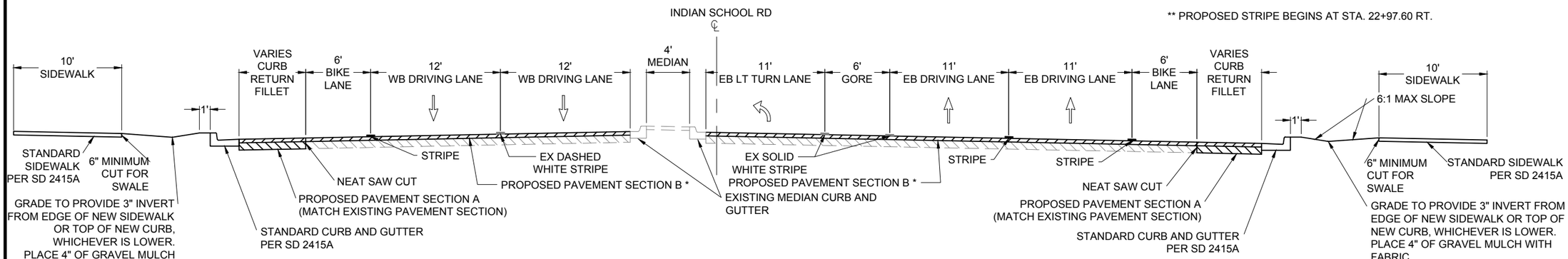
1A PROPOSED TYPICAL SECTION (WEST OF LOUISIANA BLVD.)
STA. 23+41.12 TO STA. 23+70.52 (PC OF LIP)

* EXISTING SIDEWALK STA. 23+41.12 TO STA. 23+46.18 LT.

1B PROPOSED TYPICAL SECTION (WEST OF LOUISIANA BLVD.)
STA. 22+94.45 TO STA. 23+71.42 (PC OF LIP)

* PROPOSED STRIPE BEGINS AT STA. 23+40.00 RT.

** PROPOSED STRIPE BEGINS AT STA. 22+97.60 RT.

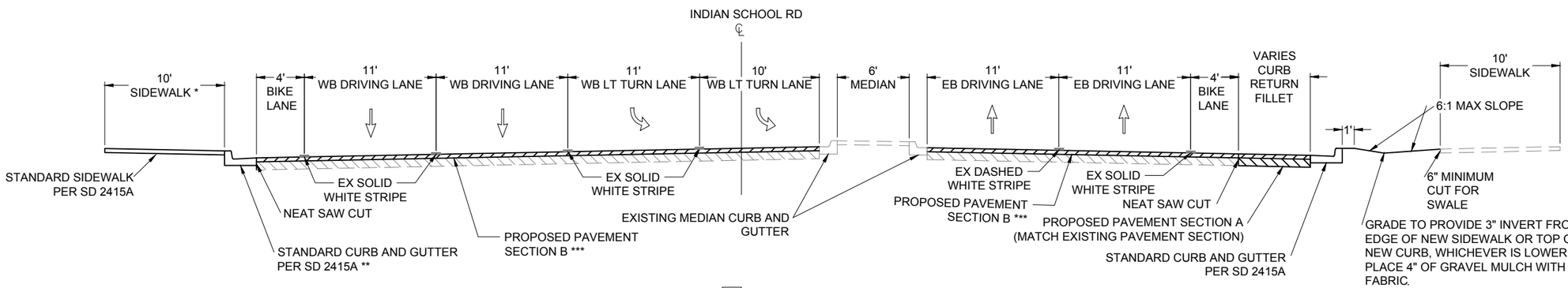


2A PROPOSED TYPICAL SECTION (WEST OF LOUISIANA BLVD.)
STA. 23+70.52 (PC) TO STA. 23+99.72 (PT OF LIP)

* PROPOSED MILL AND INLAY BEGINS AT STA. 23+76.19 LT.

2B PROPOSED TYPICAL SECTION (WEST OF LOUISIANA BLVD.)
STA. 23+71.42 (PC) TO STA. 24+03.58 (PT OF LIP)

* PROPOSED MILL AND INLAY BEGINS AT STA. 23+76.19 RT.



3 PROPOSED TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

STA.25+14.38 TO STA. 26+28.65

* EXISTING SIDEWALK STA. 25+32.74 TO STA. 26+28.65 LT.

** PROPOSED CURB AND GUTTER STA. 25+15.65 TO STA. 25+27.26 LT.

*** PROPOSED MILL AND INLAY ENDS AT STA. 25+34.94 LT./RT.

NOTES

1. CROSS SLOPE OF NEW PAVEMENT TO MATCH EXISTING PAVEMENT.

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

CONSULTANTS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

NEW MEXICO ZACHARY S. TRONCOSO 25311 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION / DATE	BY
	AS-BUILT INFORMATION	
	CONTRACTOR:	
	WORK STAKED BY: DATE:	
	INSPECTOR'S ACCEPTANCE BY: DATE:	
	FIELD VERIFICATION BY: DATE:	
	DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

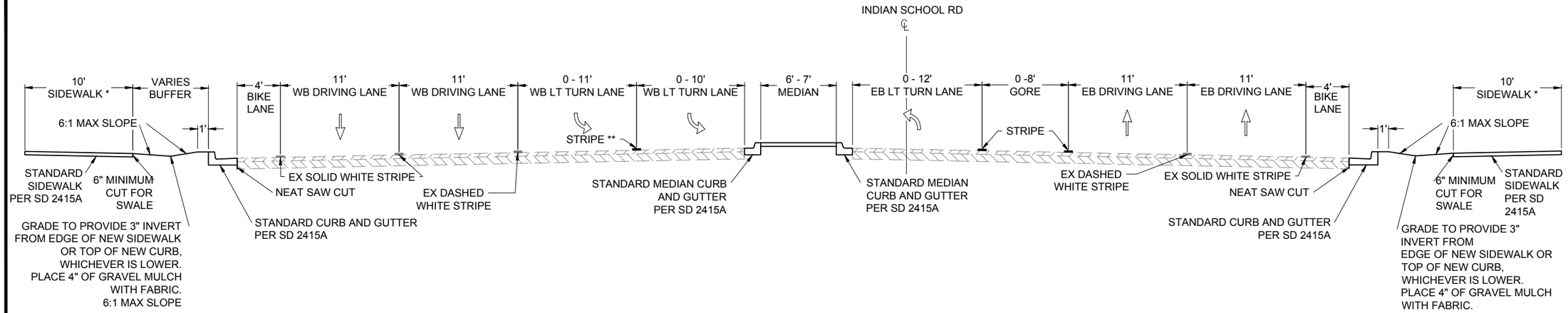
PROPOSED TYPICAL SECTIONS - INDIAN SCHOOL RD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-18

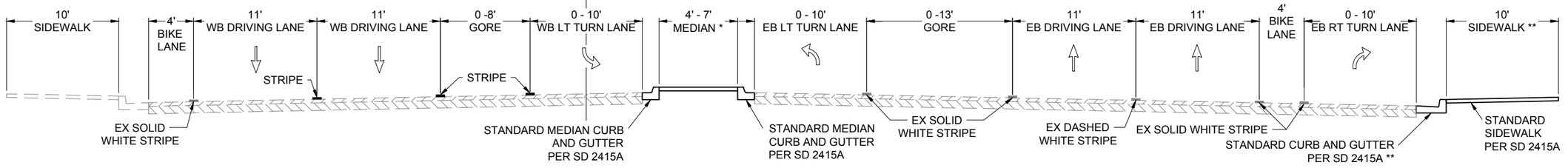


4 PROPOSED TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

STA. 26+77.36 TO STA. 28+31.45

* EXISTING SIDEWALK STA. 26+77.36 TO STA. 27+96.84 LT.
EXISTING SIDEWALK STA. 26+77.36 TO STA. 27+97.18 RT.

** PROPOSED STRIPE BEGINS AT STA. 27+11.15 LT.



5 PROPOSED TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

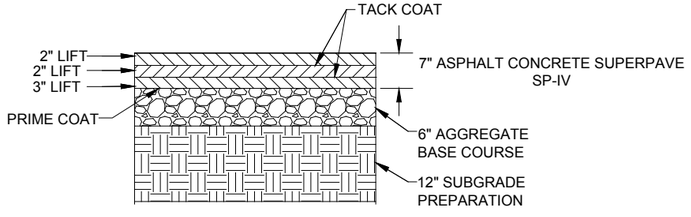
STA. 28+74.07 TO STA. 30+64.93

* PROPOSED MEDIAN STA. 28+96.94 TO STA. 30+64.93

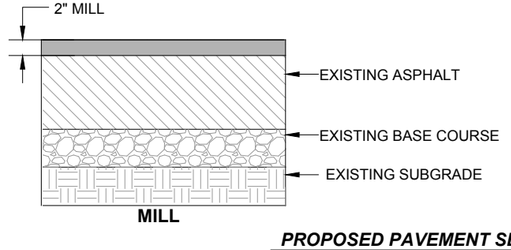
** EXISTING CURB AND GUTTER AND EXISTING SIDEWALK STA. 29+11.19 TO STA. 30+64.93 RT.

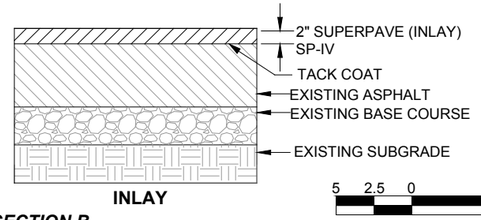
NOTES

1. CROSS SLOPE OF NEW PAVEMENT TO MATCH EXISTING PAVEMENT.



PROPOSED PAVEMENT SECTION A





PROPOSED PAVEMENT SECTION B

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

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

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

ZACHARY S. TRONCOSO NEW MEXICO 25371 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

PROPOSED TYPICAL SECTIONS - INDIAN SCHOOL RD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
1-19

ENVIRONMENTAL COMMITMENTS

THE CONTRACTOR SHALL REFER TO SECTION 107 OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION - 2019 EDITION, MAKING SPECIAL NOTE OF SUB-SECTION 107.14: CONTRACTOR'S RESPONSIBILITY FOR ENVIRONMENTAL AND CULTURAL RESOURCE PROTECTION.

[X] NO ADDITIONAL PROJECT-SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY.

[ ] IN ADDITION TO SECTION 107, THE FOLLOWING PROJECT-SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY:

DocuSigned by:
Trent Bolton
2C407E2EBECB4A2...

8/8/2023

ENVIRONMENTAL BUREAU MANAGER — DATE

CONSULTANTS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88), Elev.=5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
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DESIGNED BY:
DRAWN BY:
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DATE

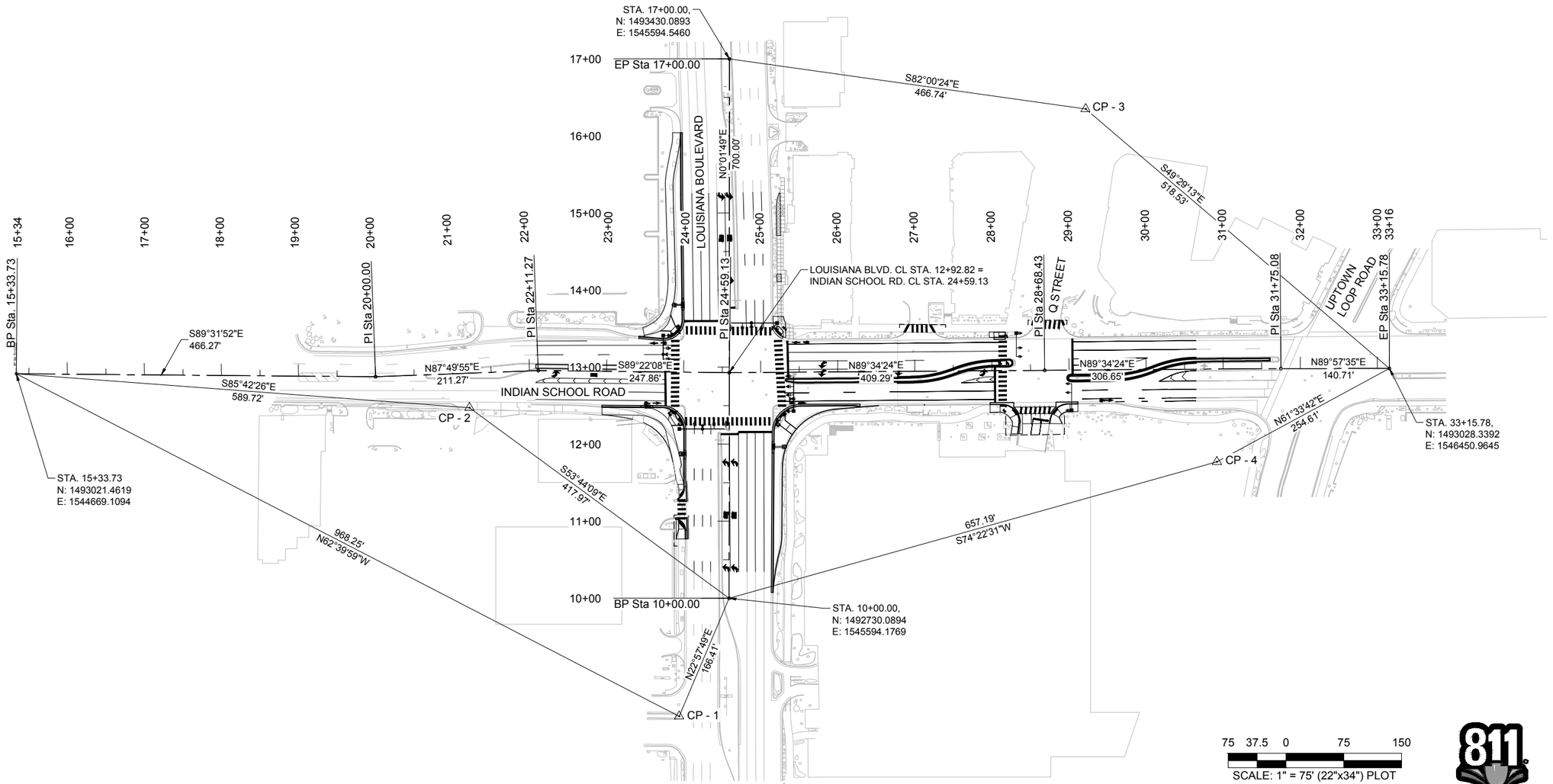
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

ENVIRONMENTAL COMMITMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 1-20



75 37.5 0 75 150

SCALE: 1" = 75' (22"x34") PLOT
SCALE: 1" = 150' (11"x17") PLOT

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

CONTROL POINT INFORMATION				
POINT NO	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP-1	1,492,576.87'	1,545,529.25'	5,278.62'	HPV
CP-2	1,492,977.32'	1,545,257.17'	5,269.46	HPV
CP-3	1,493,365.19'	1,546,056.75'	5,286.34	HPV
CP-4	1,492,907.09'	1,546,227.08	5,292.03	5RB/PC

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
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		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SURVEY CONTROL

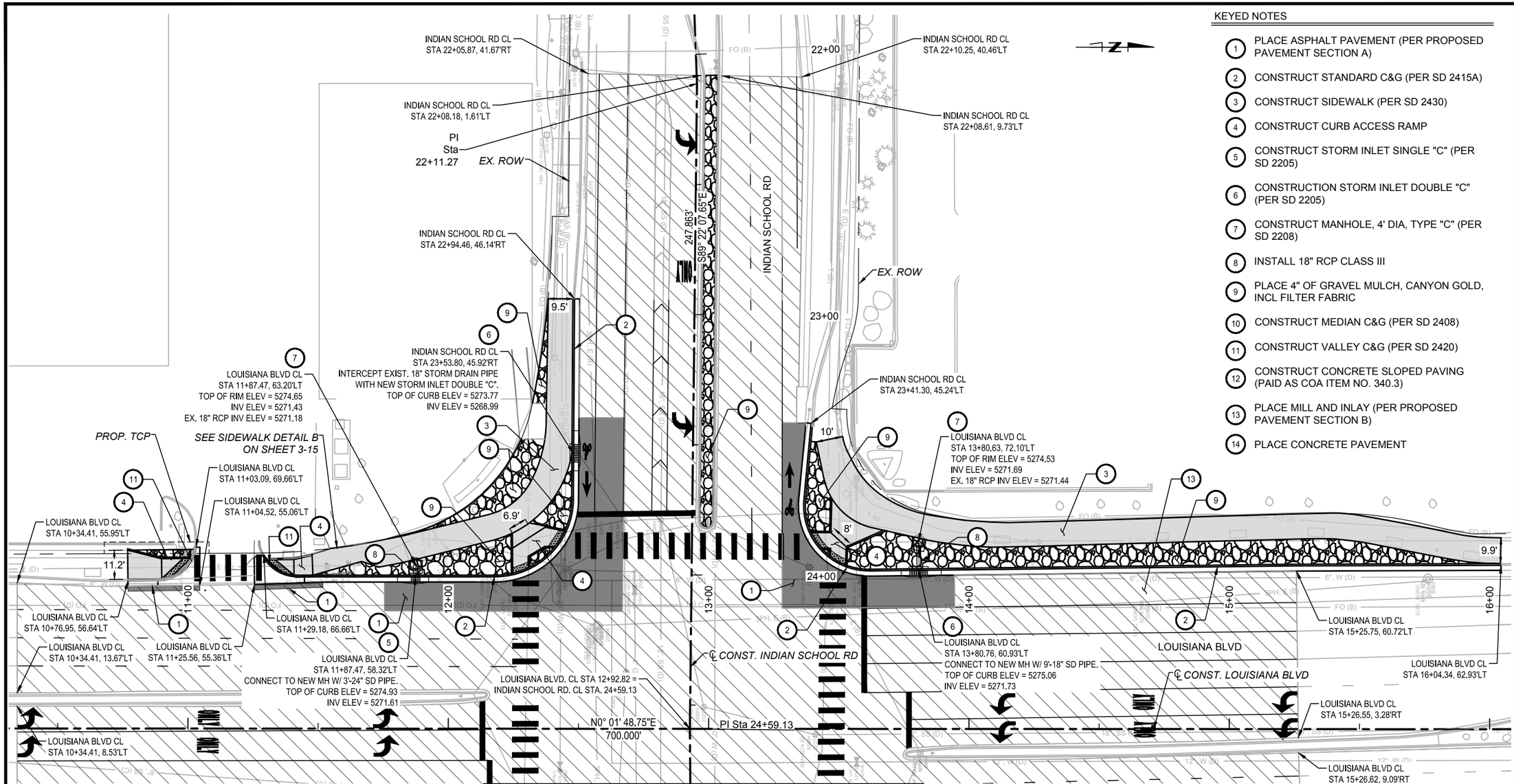
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-1



MATCHLINE STA. 24+80.00
INDIAN SCHOOL RD.

KEYED NOTES

1. PLACE ASPHALT PAVEMENT (PER PROPOSED PAVEMENT SECTION A)
2. CONSTRUCT STANDARD C&G (PER SD 2415A)
3. CONSTRUCT SIDEWALK (PER SD 2430)
4. CONSTRUCT CURB ACCESS RAMP
5. CONSTRUCT STORM INLET SINGLE "C" (PER SD 2205)
6. CONSTRUCTION STORM INLET DOUBLE "C" (PER SD 2205)
7. CONSTRUCT MANHOLE, 4' DIA, TYPE "C" (PER SD 2208)
8. INSTALL 18" RCP CLASS III
9. PLACE 4" OF GRAVEL MULCH, CANYON GOLD, INCL FILTER FABRIC
10. CONSTRUCT MEDIAN C&G (PER SD 2408)
11. CONSTRUCT VALLEY C&G (PER SD 2420)
12. CONSTRUCT CONCRETE SLOPED PAVING (PAID AS COA ITEM NO. 340.3)
13. PLACE MILL AND INLAY (PER PROPOSED PAVEMENT SECTION B)
14. PLACE CONCRETE PAVEMENT

NOTES

1. STATION & OFFSET FOR ALL CURB AND GUTTER ARE TO THE FLOW LINE.
2. STATION & OFFSET FOR INLETS GIVEN TO CENTER OF INLET AT FLOW LINE.
3. STATION & OFFSET FOR MANHOLES GIVEN TO CENTER OF MANHOLE.
4. SEE SHEETS 6-1 TO 6-5 FOR STORM DRAIN DETAILS.
5. SEE SHEETS 3-8 TO 3-11 FOR CURB RAMP DETAILS.
6. INTEGRAL CURB IS TO BE PLACED ALONG CURB ACCESS RAMPS.
7. CONCRETE SLOPED PAVING IS TO BE PLACED ALONG THE MEDIAN C&G. SEE SHEET 3-12 FOR DETAILS.

LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- PROPOSED ASPHALT PAVEMENT (PER PROPOSED PAVEMENT SECTION A)
- PROPOSED MILL AND INLAY (PER PROPOSED PAVEMENT SECTION B)
- PROPOSED CONCRETE PAVEMENT

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

CONSULTANTS

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P 505.821.4700
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BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev =5283.222'

SEAL

S. TRONCOSO ZACHARY
M.E.X.I.C. 25312
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

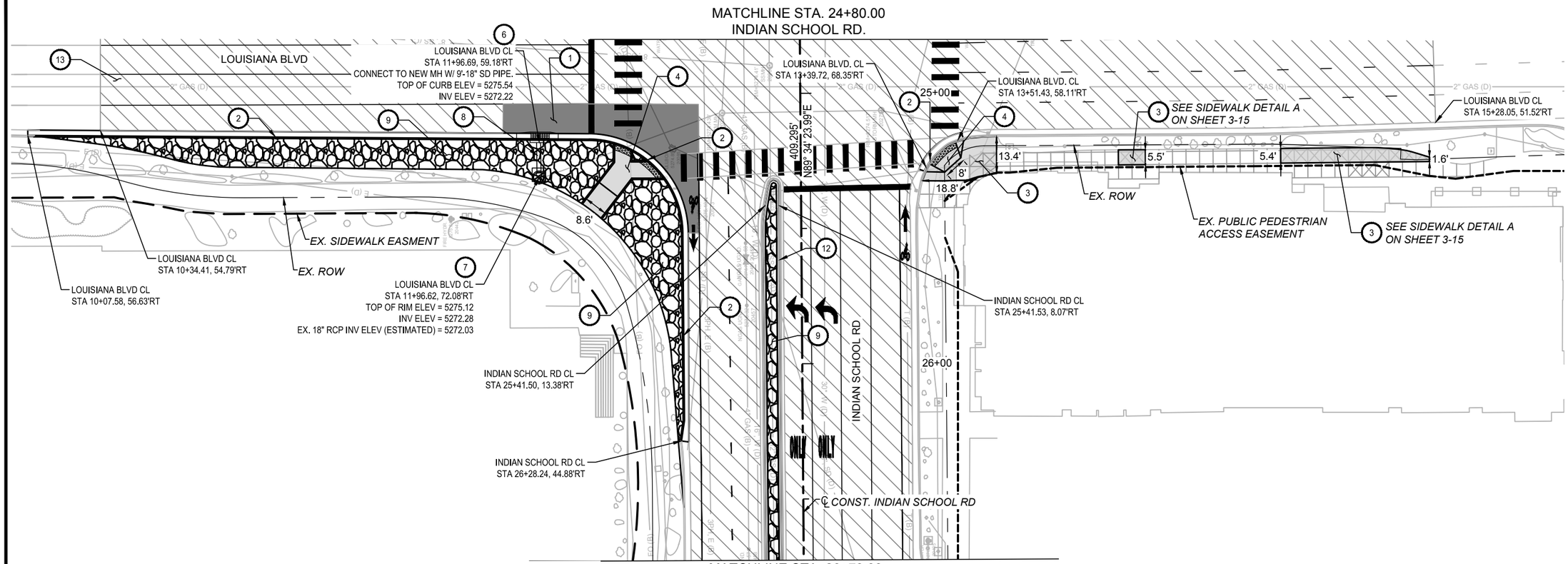
INTERSECTION PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-2



NOTES

1. STATION & OFFSET FOR ALL CURB AND GUTTER ARE TO THE FLOW LINE.
2. STATION & OFFSET FOR INLETS GIVEN TO CENTER OF INLET AT FLOW LINE.
3. STATION & OFFSET FOR MANHOLES GIVEN TO CENTER OF MANHOLE.
4. SEE SHEETS 6-1 TO 6-5 FOR STORM DRAIN DETAILS.
5. SEE SHEETS 3-8 TO 3-11 FOR CURB RAMP DETAILS.
6. INTEGRAL CURB IS TO BE PLACED ALONG CURB ACCESS RAMPS.
7. CONCRETE SLOPED PAVING IS TO BE PLACED ALONG THE MEDIAN C&G. SEE SHEET 3-12 FOR DETAILS.

LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- PROPOSED ASPHALT PAVEMENT (PER PROPOSED PAVEMENT SECTION A)
- PROPOSED MILL AND INLAY (PER PROPOSED PAVEMENT SECTION B)
- PROPOSED CONCRETE PAVEMENT

KEYED NOTES

1. PLACE ASPHALT PAVEMENT (PER PROPOSED PAVEMENT SECTION A)
2. CONSTRUCT STANDARD C&G (PER SD 2415A)
3. CONSTRUCT SIDEWALK (PER SD 2430)
4. CONSTRUCT CURB ACCESS RAMP
5. CONSTRUCT STORM INLET SINGLE "C" (PER SD 2205)
6. CONSTRUCTION STORM INLET DOUBLE "C" (PER SD 2205)
7. CONSTRUCT MANHOLE, 4' DIA, TYPE "C" (PER SD 2208)
8. INSTALL 18" RCP CLASS III
9. PLACE 4" OF GRAVEL MULCH, CANYON GOLD, INCL FILTER FABRIC
10. CONSTRUCT MEDIAN C&G (PER SD 2408)
11. CONSTRUCT VALLEY C&G (PER SD 2420)
12. CONSTRUCT CONCRETE SLOPED PAVING (PAID AS COA ITEM NO. 340.3)
13. PLACE MILL AND INLAY (PER PROPOSED PAVEMENT SECTION B)
14. PLACE CONCRETE PAVEMENT

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

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

CONSULTANTS

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BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev =5283.222'

SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25371 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INTERSECTION PLAN

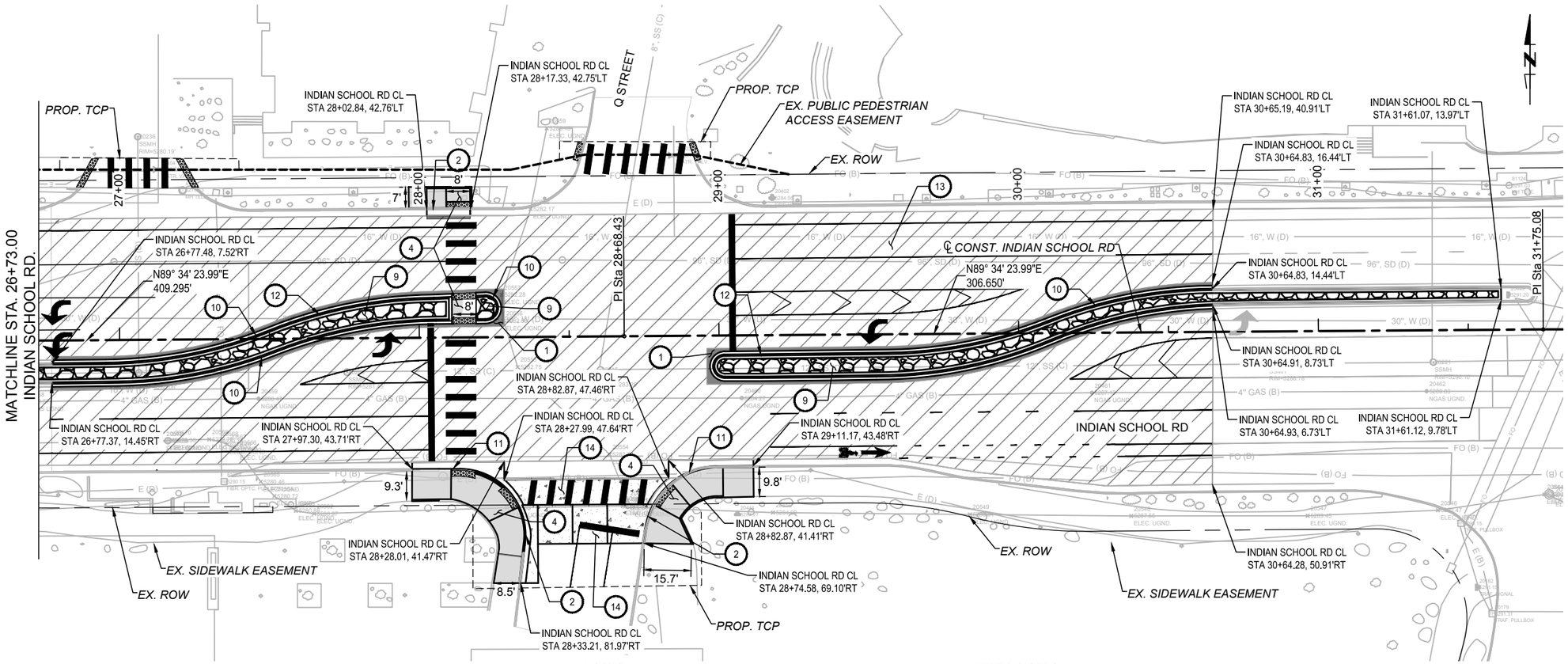
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-3



NOTES

1. STATION & OFFSET FOR ALL CURB AND GUTTER ARE TO THE FLOW LINE.
2. STATION & OFFSET FOR INLETS GIVEN TO CENTER OF INLET AT FLOW LINE.
3. STATION & OFFSET FOR MANHOLES GIVEN TO CENTER OF MANHOLE.
4. SEE SHEETS 6-1 TO 6-5 FOR STORM DRAIN DETAILS.
5. SEE SHEETS 3-8 TO 3-11 FOR CURB RAMP DETAILS.
6. INTEGRAL CURB IS TO BE PLACED ALONG CURB ACCESS RAMPS.
7. CONCRETE SLOPED PAVING IS TO BE PLACED ALONG THE MEDIAN C&G. SEE SHEET 3-12 FOR DETAILS.

LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- PROPOSED ASPHALT PAVEMENT (PER PROPOSED PAVEMENT SECTION A)
- PROPOSED MILL AND INLAY (PER PROPOSED PAVEMENT SECTION B)
- PROPOSED CONCRETE PAVEMENT

KEYED NOTES

1. PLACE ASPHALT PAVEMENT (PER PROPOSED PAVEMENT SECTION A)
2. CONSTRUCT STANDARD C&G (PER SD 2415A)
3. CONSTRUCT SIDEWALK (PER SD 2430)
4. CONSTRUCT CURB ACCESS RAMP
5. CONSTRUCT STORM INLET SINGLE "C" (PER SD 2205)
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11. CONSTRUCT VALLEY C&G (PER SD 2420)
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13. PLACE MILL AND INLAY (PER PROPOSED PAVEMENT SECTION B)
14. PLACE CONCRETE PAVEMENT

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

811

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

CONSULTANTS

Parametrix
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P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO 25321 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION	BY	DATE
	AS-BUILT INFORMATION		
	CONTRACTOR:		
	WORK STAKED BY:		DATE:
	INSPECTOR'S ACCEPTANCE BY:		DATE:
	FIELD VERIFICATION BY:		DATE:
	DRAWINGS CORRECTED BY:		DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INTERSECTION PLAN

DESIGN REVIEW COMMITTEE

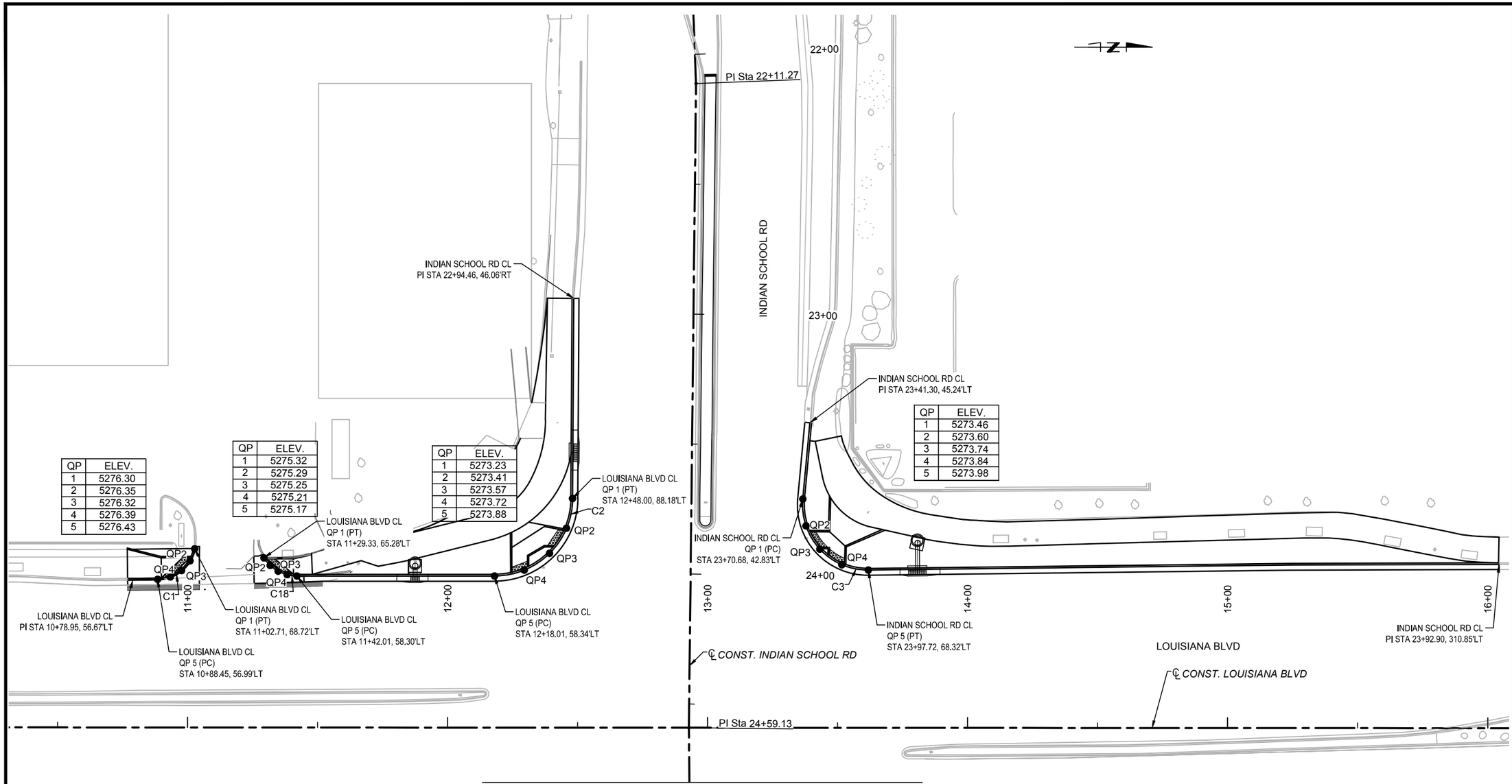
CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-4



MATCHLINE STA.
24+80.00
INDIAN SCHOOL RD.

NOTES

1. ALL POINT DATA INFORMATION IS GIVEN TO THE FLOWLINE OF GUTTER.
2. ALL MEDIAN CURVE DATA IS GIVEN TO THE FLOWLINE OF GUTTER.
3. ALL LT. & RT. OUTSIDE CURB CURVE DATA IS GIVEN TO THE FLOWLINE OF THE GUTTER.

CURVE TABLE			
CURVE #	RADIUS	DELTA	LENGTH
C1	14.80'	77.2121	19.95'
C2	30.00'	89.6604	46.95'
C3	25.00'	95.9955	41.89'
C18	15.00'	57.6644	15.10'

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

811
CALL NM ONE-CALL
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PRIOR TO ANY EXCAVATION

CONSULTANTS

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P 505.821.4700
WWW.PARAMETRIX.COM

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	DATE:
		CONTRACTOR:	
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

GEOMETRIC DETAILS

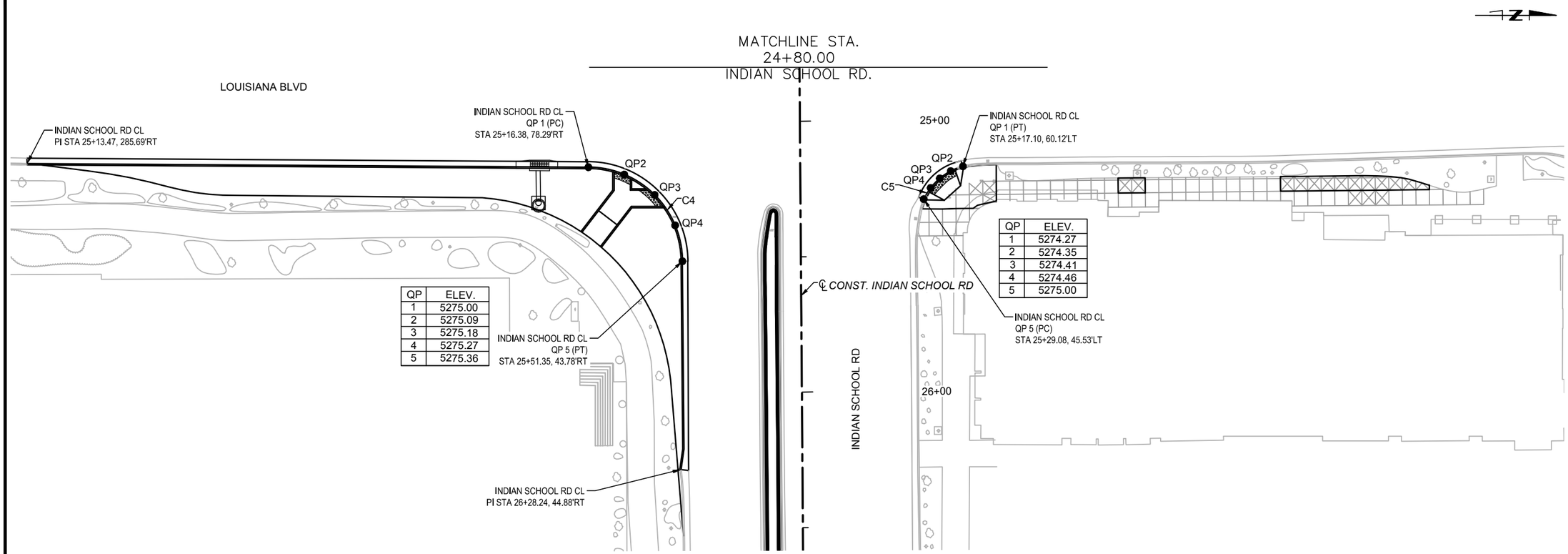
DESIGN REVIEW COMMITTEE
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

CITY ENGINEER APPROVAL

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-5



QP	ELEV.
1	5275.00
2	5275.09
3	5275.18
4	5275.27
5	5275.36

QP	ELEV.
1	5274.27
2	5274.35
3	5274.41
4	5274.46
5	5275.00

NOTES

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2. ALL MEDIAN CURVE DATA IS GIVEN TO THE FLOWLINE OF GUTTER.
3. ALL LT. & RT. OUTSIDE CURB CURVE DATA IS GIVEN TO THE FLOWLINE OF THE GUTTER.

CURVE TABLE			
CURVE #	RADIUS	DELTA	LENGTH
C4	35.00'	89.1525	54.46'
C5	21.57'	42.2881	15.92'

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

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

CONSULTANTS

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WWW.PARAMETRIX.COM

BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

S. TRONCOSO — NEW MEXICO — 25310 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
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		DRAWINGS CORRECTED BY: DATE:	

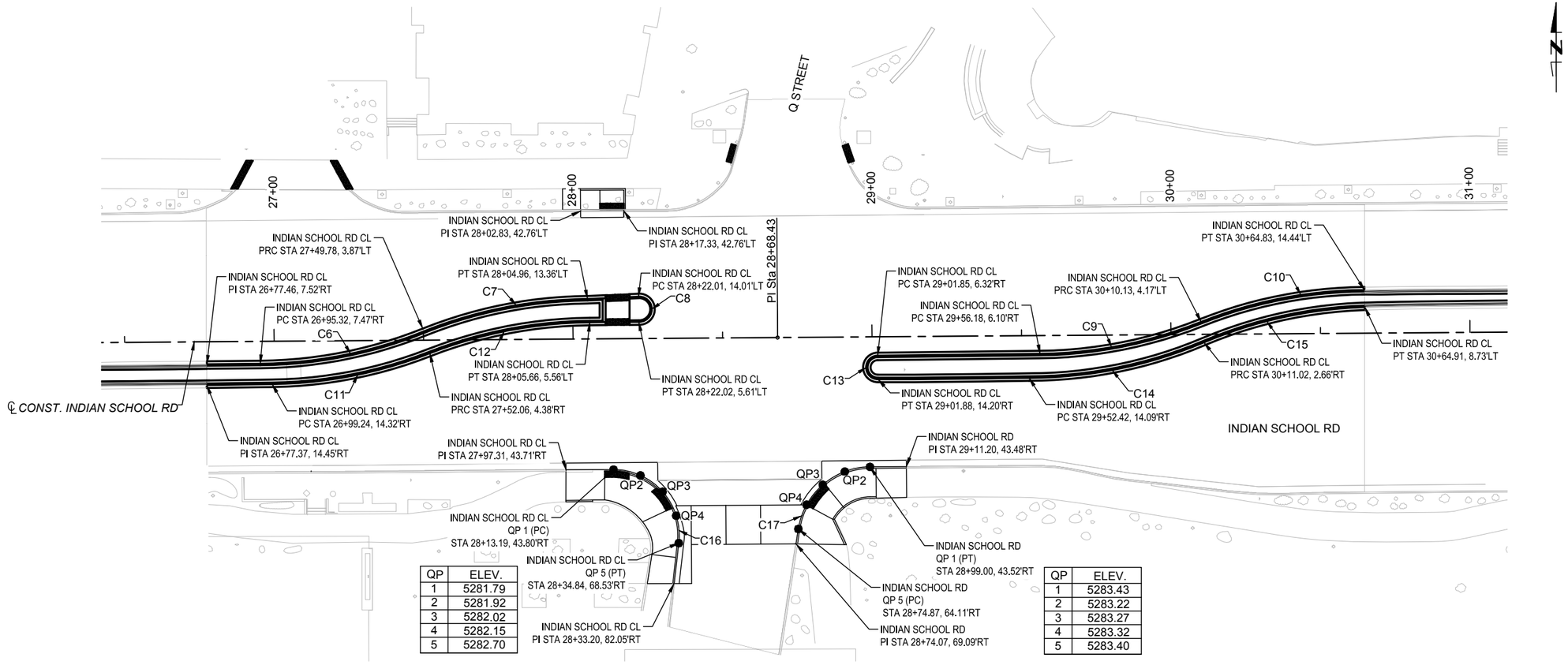
DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

GEOMETRIC DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 3-6



QP	ELEV.
1	5281.79
2	5281.92
3	5282.02
4	5282.15
5	5282.70

QP	ELEV.
1	5283.43
2	5283.22
3	5283.27
4	5283.32
5	5283.40

NOTES

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3. ALL LT. & RT. OUTSIDE CURB CURVE DATA IS GIVEN TO THE FLOWLINE OF THE GUTTER.

CURVE TABLE			
CURVE #	RADIUS	DELTA	LENGTH
C6	150.00'	21.4390	56.13'
C7	150.00'	21.4390	56.13'
C8	4.20'	184.4737	13.53'
C9	150.00'	21.0974	55.23'
C10	150.00'	21.3823	55.98'
C11	150.00'	20.6433	54.04'
C12	150.00'	20.9391	54.82'
C13	3.94'	180.0000	12.37'
C14	150.00'	22.9551	60.10'
C15	150.00'	21.1595	55.40'
C16	22.00'	96.6667	37.12'
C17	24.55'	80.6804	34.50'

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

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

CONSULTANTS

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DATUM: NAD 83
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SEAL

S. TRONCOSO ZACHARY — NEW MEXICO — 25314 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

GEOMETRIC DETAILS

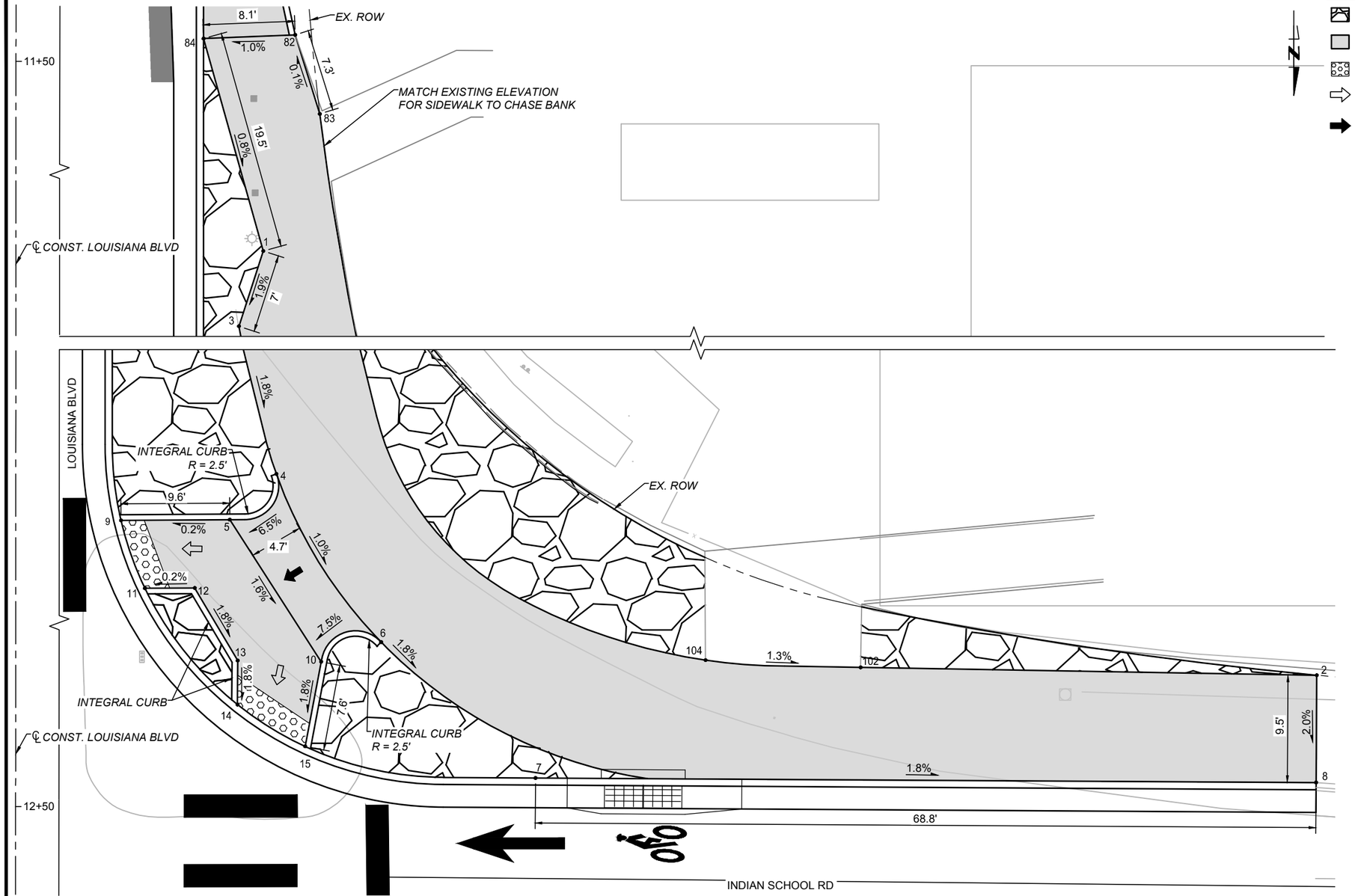
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-7



LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- DETECTABLE WARNING SURFACE
- LANDING, 1.0% TYP., 2.0% MAX. SLOPE
- RAMP, 2.0% TO 7.5%, 8.3% MAX. RUNNING SLOPE

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
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811
CALL NM ONE-CALL
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PRIOR TO ANY EXCAVATION

LOUISIANA BLVD/INDIAN SCHOOL RD.
SW CURB RAMP DETAIL

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
1	11+66.72	64.20' LT	5275.30
2	12+38.31	165.20' LT	5272.55
3	11+73.36	62.06' LT	5275.17
4	12+20.60	73.44' LT	5274.25
5	12+24.65	69.33' LT	5273.80

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
6	12+35.43	82.69' LT	5274.06
7	12+47.42	96.31' LT	5273.75
8	12+47.78	165.15' LT	5272.36
9	12+24.71	59.74' LT	5273.78
10	12+37.17	77.40' LT	5273.56

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
11	12+30.70	61.85' LT	5273.70
12	12+30.67	66.24' LT	5273.71
13	12+37.08	70.04' LT	5273.57
14	12+40.96	70.02' LT	5273.50
15	12+44.64	75.99' LT	5273.42

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
82	11+47.66	67.01' LT	5275.53
83	11+54.63	69.18' LT	5275.54
84	11+47.99	58.93' LT	5275.45
102	12+37.65	124.98' LT	5273.49
104	12+37.01	111.29' LT	5273.67

CONSULTANTS

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
5971 JEFFERSON ST NE, SUITE 101 · ALBUQUERQUE, NM 87109
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WWW.PARAMETRIX.COM

BENCH MARKS

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Elev =5283.222'

SEAL

S. TRONCOSO · NEW MEXICO · 25311 · REGISTERED PROFESSIONAL ENGINEER · ZACHARY
11-7-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	
		CONTRACTOR:	
		DATE:	
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		DATE:	
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		DATE:	
		DRAWINGS CORRECTED BY:	
		DATE:	

DESIGNED BY:
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CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

CURB RAMP DETAILS

DESIGN REVIEW COMMITTEE

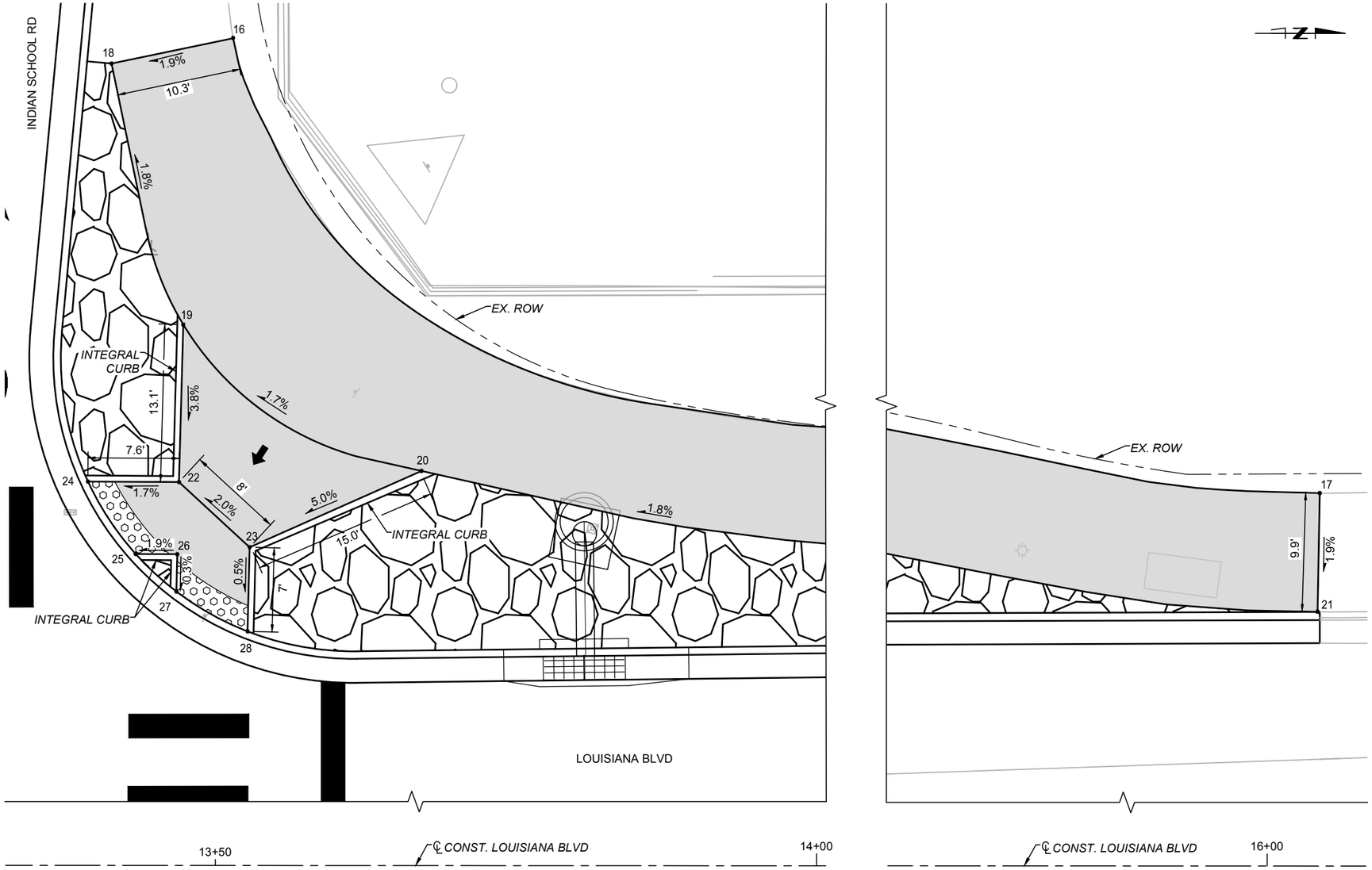
CITY ENGINEER APPROVAL

Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-8



LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- DETECTABLE WARNING SURFACE
- LANDING, 1.0% TYP., 2.0% MAX. SLOPE
- RAMP, 2.0% TO 7.5%, 8.3% MAX. RUNNING SLOPE

LOUISIANA BLVD/INDIAN SCHOOL RD.
NW CURB RAMP DETAIL

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
16	13+51.42	112.35' LT	5273.98
17	16+04.34	73.53' LT	5279.71
18	13+41.30	110.21' LT	5273.78
19	13+47.28	88.49' LT	5274.23
20	13+67.10	76.33' LT	5274.65
21	16+04.16	63.67' LT	5279.52
22	13+46.94	75.39' LT	5273.73

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
23	13+52.81	69.97' LT	5273.89
24	13+39.36	75.43' LT	5273.60
25	13+43.33	69.41' LT	5273.70
26	13+46.80	69.39' LT	5273.77
27	13+46.72	66.29' LT	5273.76
28	13+52.64	62.97' LT	5273.85

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CONSULTANTS

Parametrix
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P 505.821.4700
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BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

CURB RAMP DETAILS

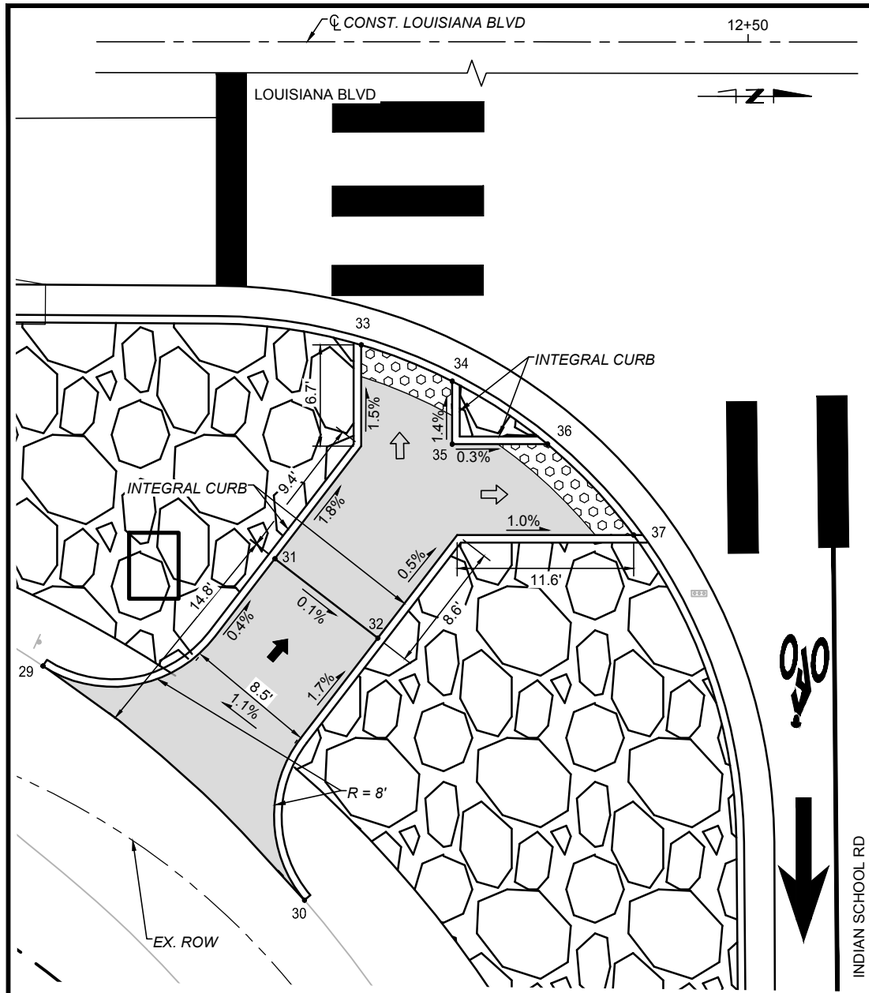
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

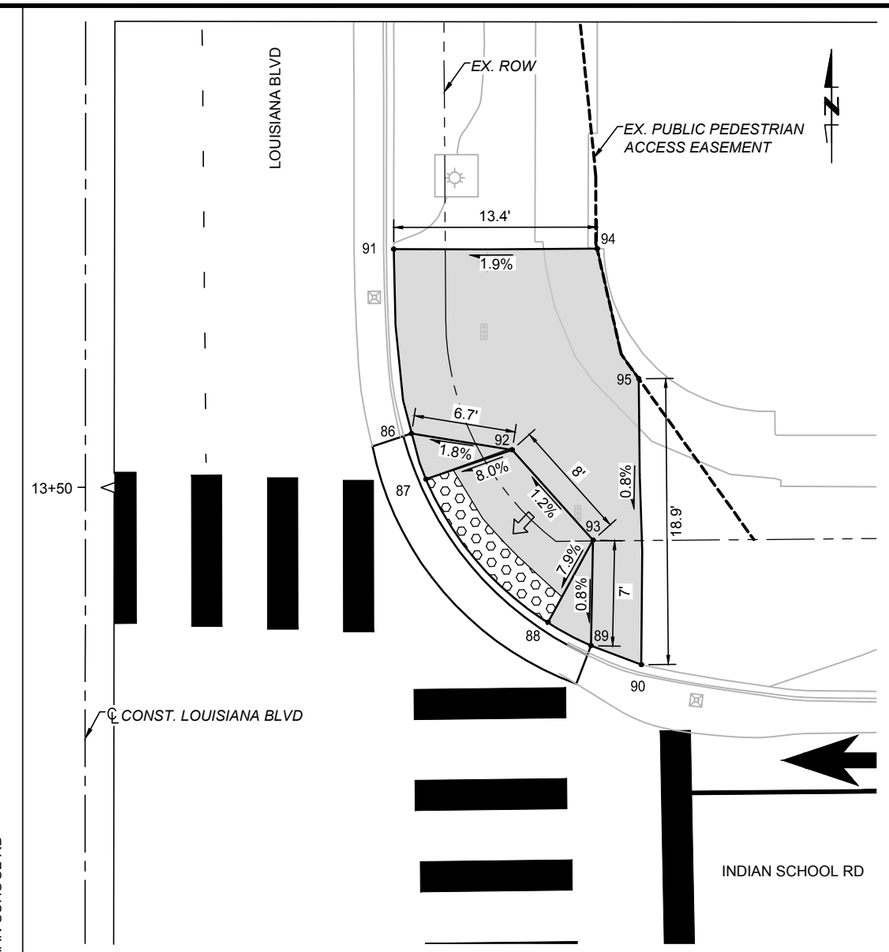
CITY PROJECT NO.
6097.31

SHEET NO.
3-9



LOUISIANA BLVD/INDIAN SCHOOL RD.
SE CURB RAMP DETAIL

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
29	12+03.52	80.97' RT	5275.44
30	12+20.78	96.42' RT	5275.70
31	12+18.82	73.89' RT	5275.38
32	12+25.61	79.12' RT	5275.37
33	12+24.51	59.77' RT	5275.09
34	12+30.51	62.17' RT	5275.14
35	12+30.51	66.32' RT	5275.20
36	12+36.80	66.32' RT	5275.18
37	12+42.49	72.31' RT	5275.24



LOUISIANA BLVD/INDIAN SCHOOL RD.
NE CURB RAMP DETAIL

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
86	13+53.58	58.01' RT	5274.72
87	13+50.57	58.97' RT	5274.35
88	13+41.14	67.04' RT	5274.46
89	13+39.59	69.87' RT	5275.00
90	13+38.34	73.19' RT	5275.05
91	13+65.75	56.84' RT	5274.84
92	13+52.51	64.66' RT	5274.84
93	13+46.55	70.01' RT	5274.94
94	13+65.79	70.28' RT	5275.07
95	13+57.21	73.02' RT	5275.19

LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- DETECTABLE WARNING SURFACE
- LANDING, 1.0% TYP., 2.0% MAX. SLOPE
- RAMP, 2.0% TO 7.5%, 8.3% MAX. RUNNING SLOPE

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CONSULTANTS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL
S. TRONCOSO ZACHARY NEW MEXICO 25312 REGISTERED PROFESSIONAL ENGINEER
11-7-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

CURB RAMP DETAILS

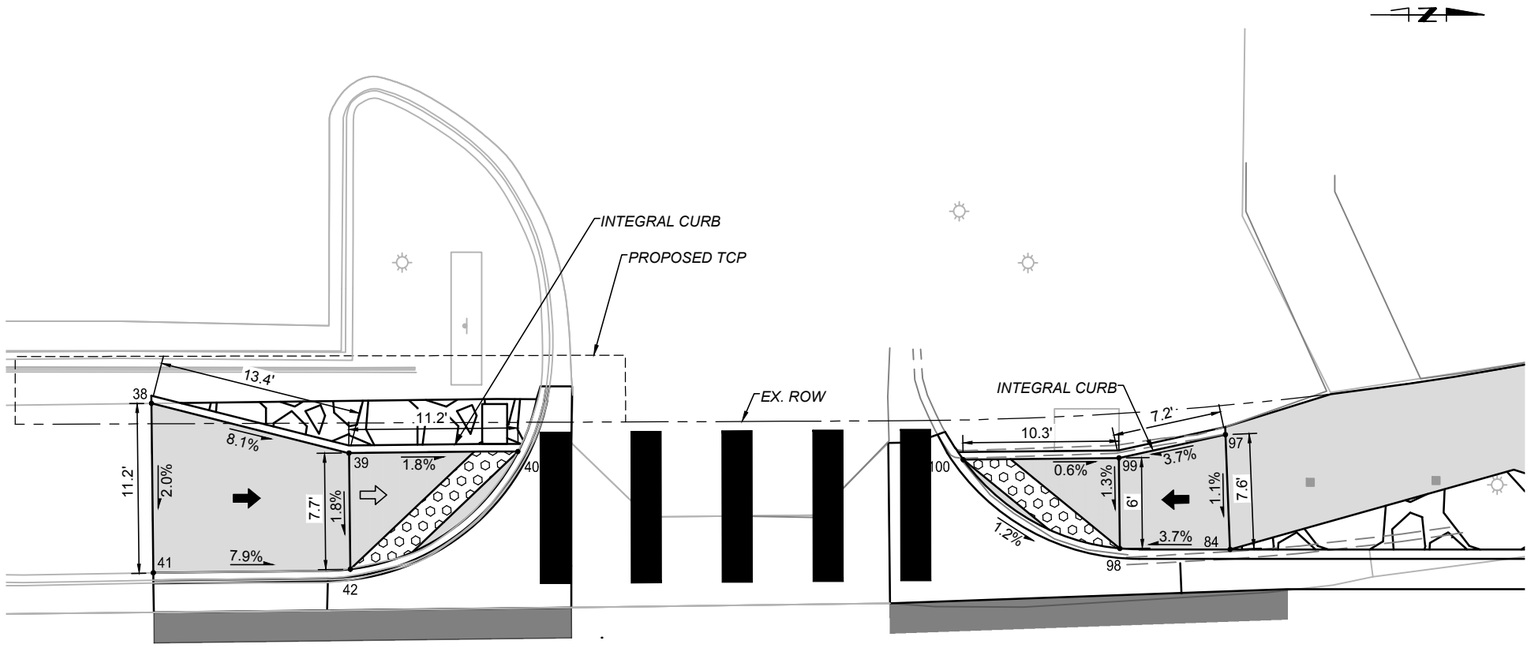
DESIGN REVIEW COMMITTEE
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

CITY ENGINEER APPROVAL

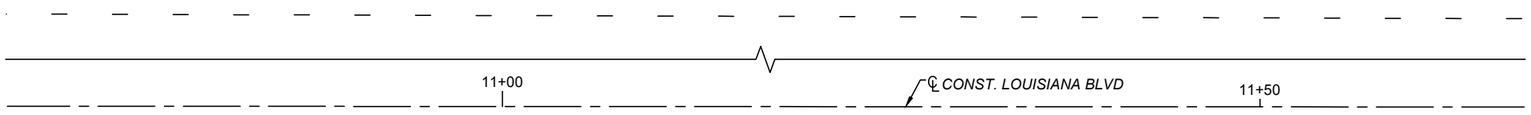
ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-10



LOUISIANA BLVD



LOUISIANA BLVD SW CURB RAMP DETAIL

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
38	10+76.81	68.53' LT	5277.64
39	10+89.85	65.26' LT	5276.55
40	11+00.99	65.36' LT	5276.35
41	10+76.94	57.35' LT	5277.43
42	10+89.94	57.59' LT	5276.41

LOUISIANA BLVD NW CURB RAMP DETAIL

POINT TABLE			
POINT #	STATION	OFFSET	ELEVATION
84	11+47.99	58.93' LT	5275.45
97	11+47.68	66.50' LT	5275.53
98	11+40.72	58.98' LT	5275.18
99	11+40.66	64.96' LT	5275.26
100	11+30.37	64.84' LT	5275.32

LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- DETECTABLE WARNING SURFACE
- LANDING, 1.0% TYP., 2.0% MAX. SLOPE
- RAMP, 2.0% TO 7.5%, 8.3% MAX. RUNNING SLOPE

5 2.5 0 5 10

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25371 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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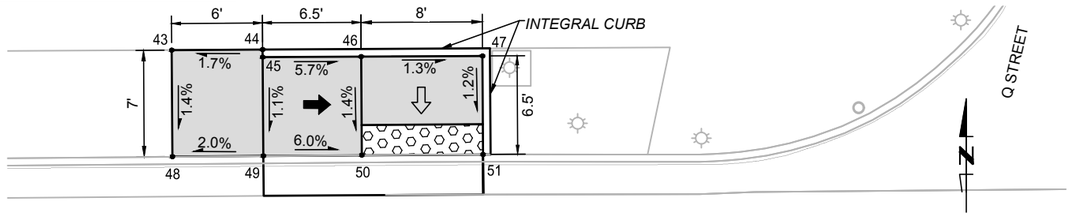
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

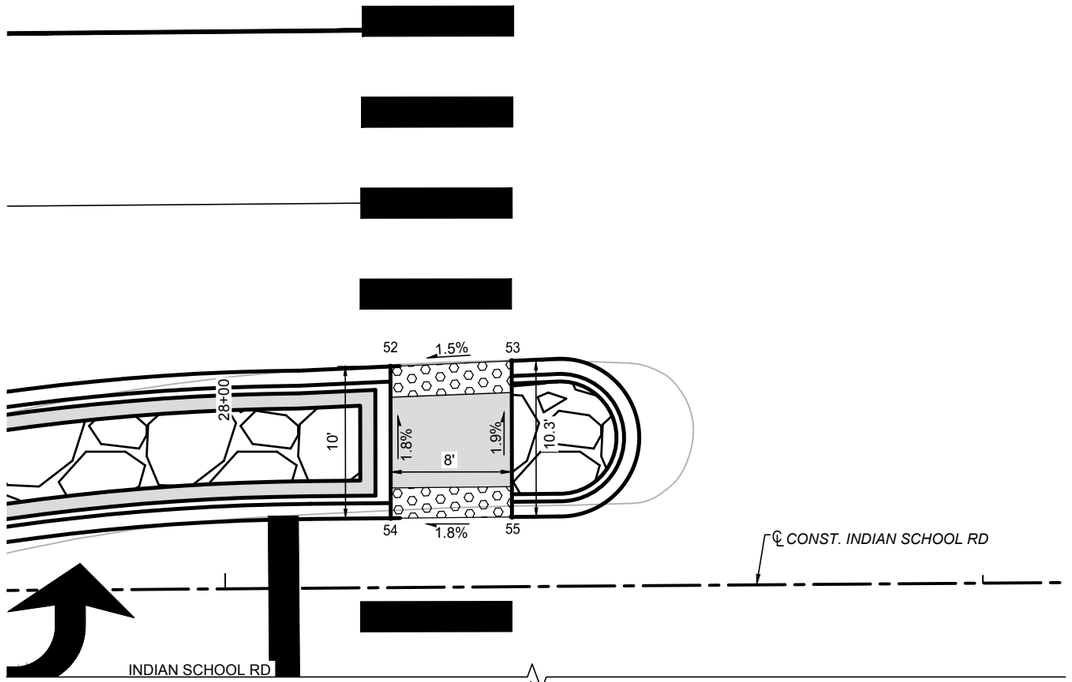
UPTOWN INTERSECTION IMPROVEMENTS

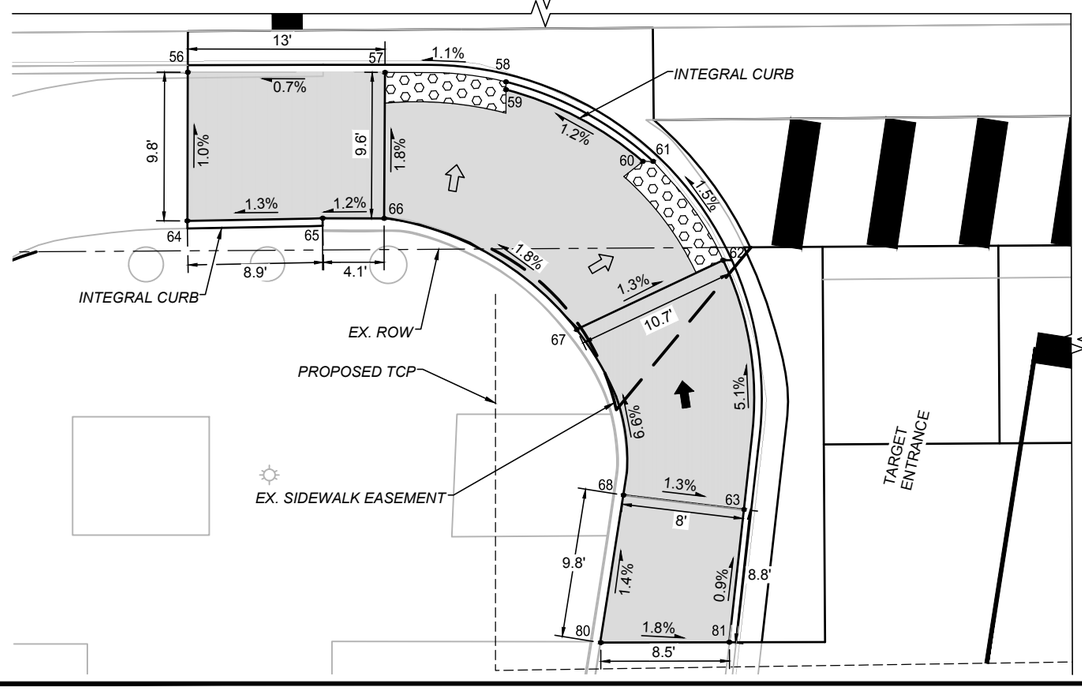
CURB RAMP DETAILS

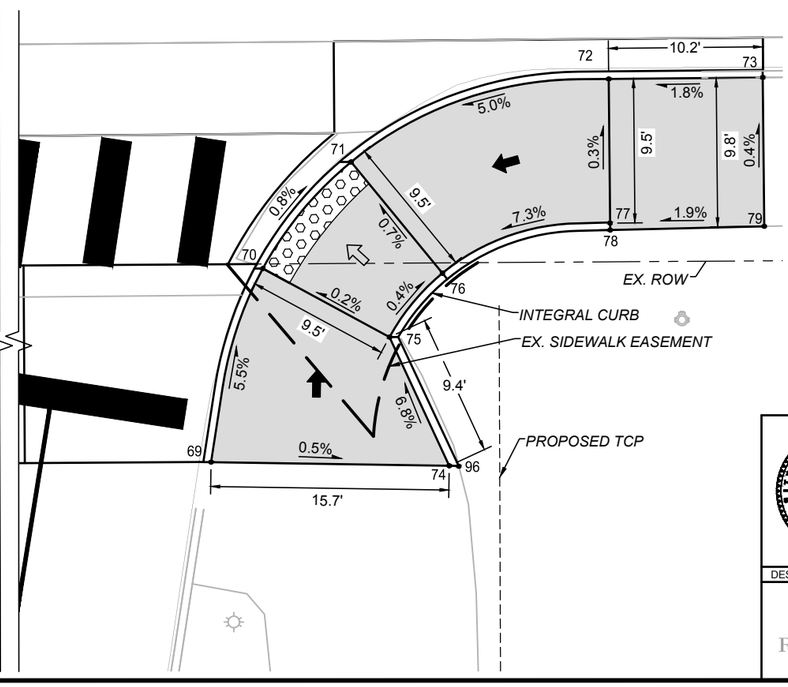
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 3-11

INDIAN SCHOOL RD./Q STREET
CURB RAMP DETAILS









POINT TABLE

POINT #	STATION	OFFSET	ELEVATION
43	27+96.84	50.28' LT	5281.79
44	28+02.84	50.28' LT	5281.89
45	28+02.84	49.78' LT	5281.88
46	28+11.34	49.76' LT	5281.52
47	28+17.35	49.75' LT	5281.42
48	27+96.84	43.25' LT	5281.69
49	28+02.84	43.26' LT	5281.81
50	28+11.34	43.25' LT	5281.42
51	28+17.34	43.24' LT	5181.34
52	28+10.63	14.58' LT	5282.00
53	28+20.64	14.96' LT	5282.12
54	28+10.58	4.58' LT	5282.18
55	28+20.58	4.61' LT	5282.32
56	27+97.29	44.17' RT	5281.68
57	28+10.31	44.28' RT	5281.77
58	28+18.42	44.99' RT	5281.86
59	28+18.42	45.51' RT	5281.86
60	28+27.28	50.28' RT	5281.98
61	28+27.68	49.97' RT	5281.98
62	28+33.10	58.13' RT	5282.10
63	28+33.79	73.30' RT	5282.95
64	27+97.18	53.98' RT	5281.78
65	28+06.12	53.88' RT	5281.90
66	28+10.18	53.91' RT	5281.95
67	28+24.19	63.38' RT	5282.23
68	28+25.84	72.29' RT	5283.05

POINT TABLE

POINT #	STATION	OFFSET	ELEVATION
69	28+74.58	69.10' RT	5284.06
70	28+77.35	57.80' RT	5283.32
71	28+85.90	47.95' RT	5283.25
72	29+01.00	44.01' RT	5284.16
73	29+11.17	43.99' RT	5284.34
74	28+89.37	69.46 RT	5283.98
75	28+86.41	60.94' RT	5283.34
76	28+91.11	55.89' RT	5283.32
77	29+01.02	53.52' RT	5284.19
78	29+01.02	53.98' RT	5284.19
79	29+11.19	53.81' RT	5284.38
80	28+24.27	82.00' RT	5283.19
81	28+32.76	82.04' RT	5283.03
96	28+90.92	69.49' RT	5283.98

LEGEND

- PROPOSED 4" GRAVEL MULCH
- PROPOSED SIDEWALK PER SD 2430
- DETECTABLE WARNING SURFACE
- LANDING, 1.0% TYP., 2.0% MAX. SLOPE
- RAMP, 2.0% TO 7.5%, 8.3% MAX. RUNNING SLOPE

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

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

CONSULTANTS

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BENCH MARKS

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DATUM: NAD 83
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Elev.=5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25371 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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		CONTRACTOR:	
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

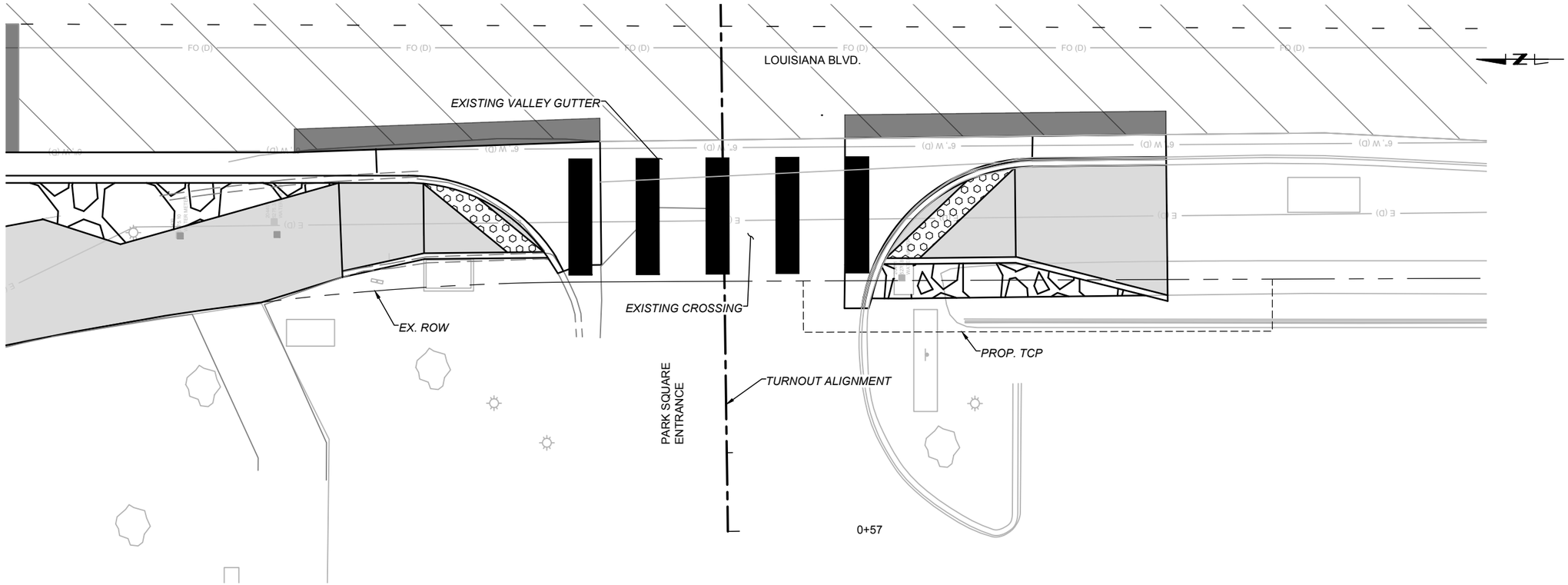
CURB RAMP DETAILS

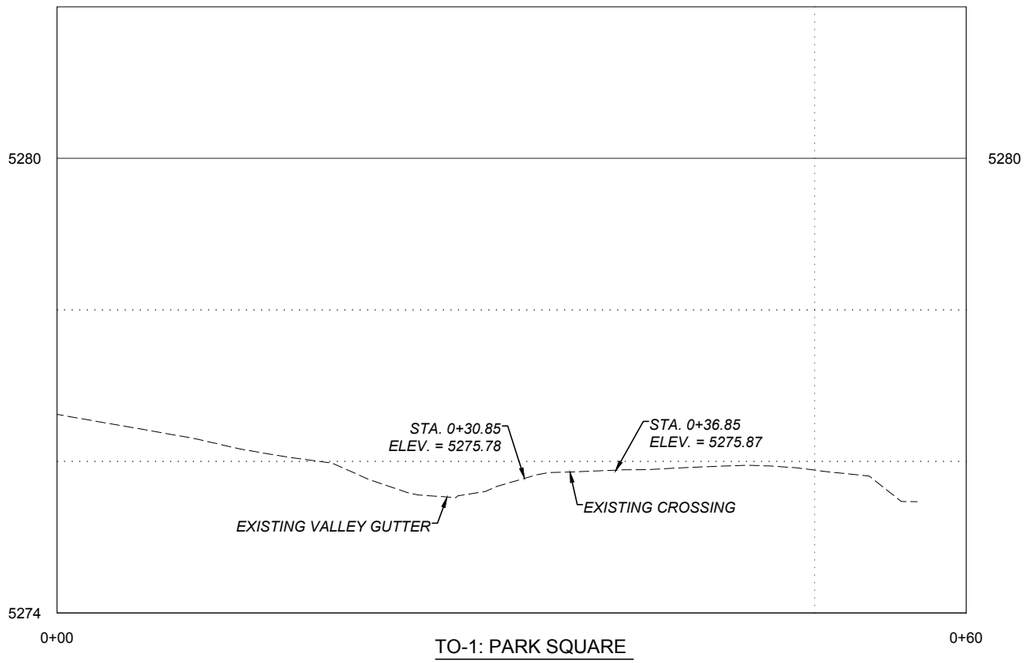
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-12





TO-1: PARK SQUARE

HORIZONTAL

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
SCALE: 1" = 10' (11"x17") PLOT

VERTICAL

4 2 0 4 8

SCALE: 1" = 4' (22"x34") PLOT
SCALE: 1" = 8' (11"x17") PLOT

811

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

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25311 REGISTERED PROFESSIONAL ENGINEER

8-24-2023

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DRAWN BY:
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

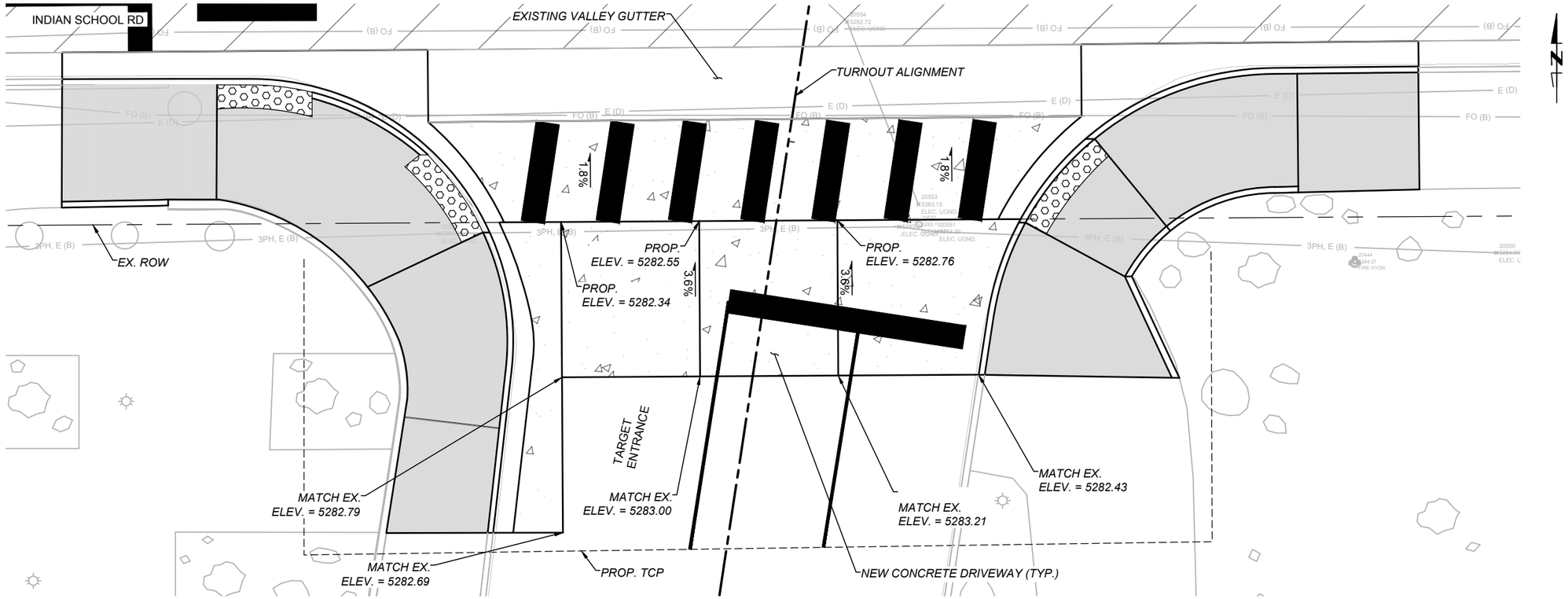
TURNOUT PROFILES

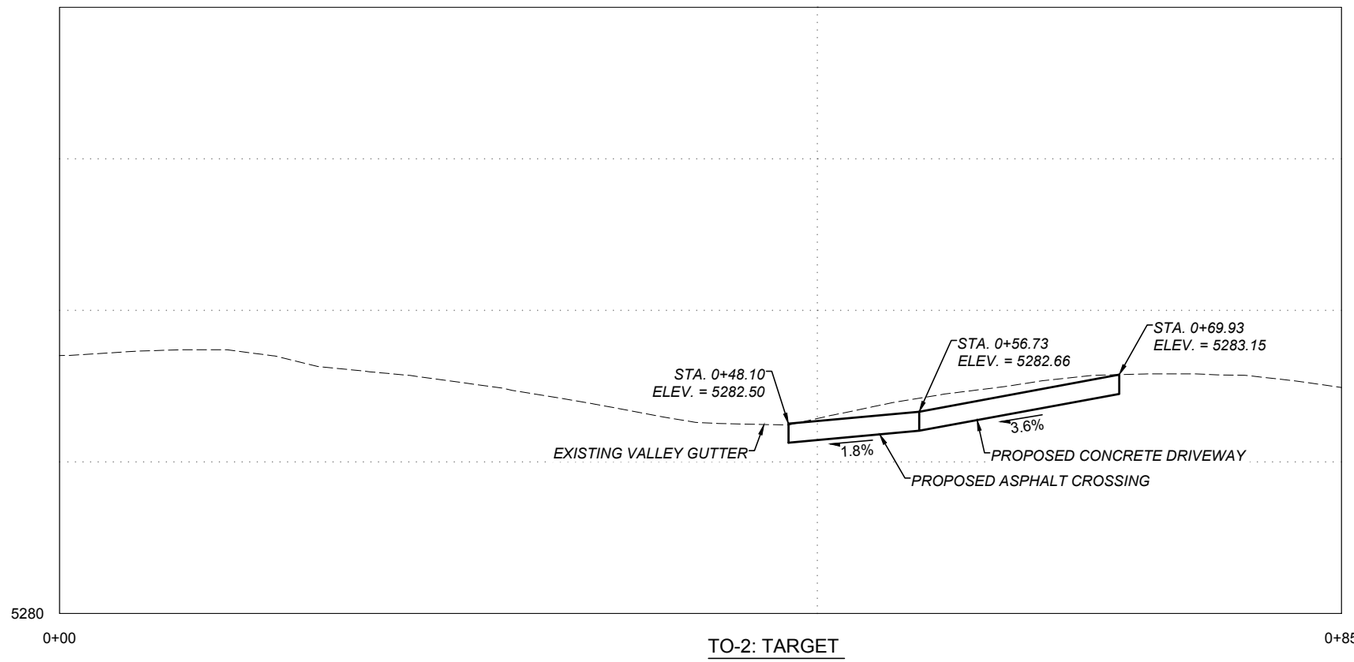
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-13





TO-2: TARGET

HORIZONTAL

5 2.5 0 5 10

SCALE: 1" = 5' (22"x34") PLOT
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VERTICAL

4 2 0 4 8

SCALE: 1" = 4' (22"x34") PLOT
SCALE: 1" = 8' (11"x17") PLOT

811

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SEAL

S. TROMCOSO NEW MEXICO 25310 REGISTERED PROFESSIONAL ENGINEER ZACHARY
8-24-2023

NO.	DATE	DESCRIPTION	BY
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DESIGNED BY:
DRAWN BY:
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DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

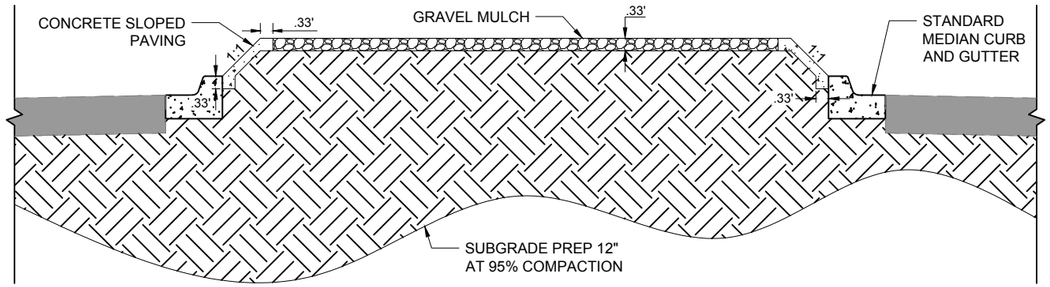
TURNOUT PROFILES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

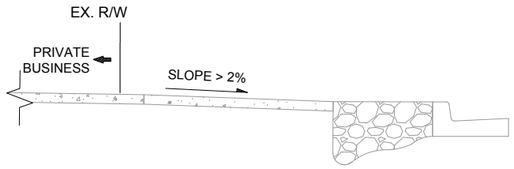
CITY PROJECT NO.
6097.31

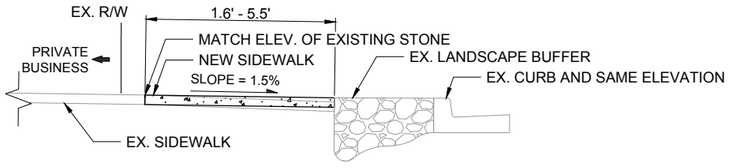
SHEET NO.
3-14



CONCRETE SLOPE PAVING DETAIL

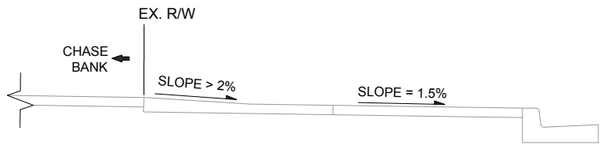
ALONG INDIAN SCHOOL RD MEDIANS
STA. 26+77.36 TO STA. 30+64.93

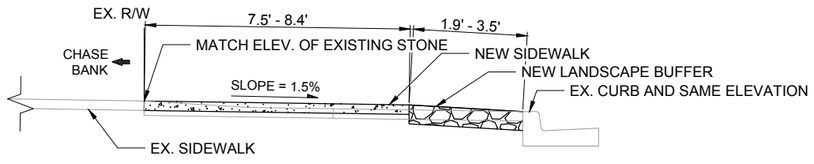




SIDEWALK DETAIL A

ALONG LOUISIANA BLVD
STA. 14+10.77 TO STA. 14+20.77
STA. 14+70.76 TO STA. 15+25.78





SIDEWALK DETAIL B

ALONG LOUISIANA BLVD
STA. 11+46.94 TO STA. 11+64.95

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

CONSULTANTS

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25312 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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DESIGNED BY:
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

MISCELLANEOUS DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
3-15

LEGEND

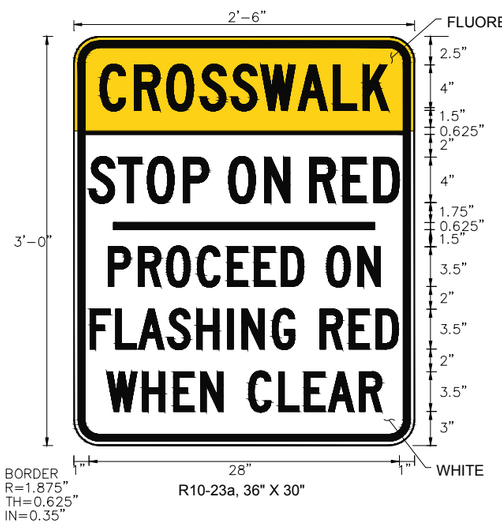
4SY	4" SOLID YELLOW LINE	
4SW	4" SOLID WHITE LINE	
4BW	4" BROKEN WHITE LINE WITH A 10' LINE SEGMENT AND A 30' GAP	
4DTW	4" BROKEN WHITE LINE WITH A 2' LINE SEGMENT AND A 4' GAP	
6SW	6" SOLID WHITE LINE	
6DTW	6" BROKEN WHITE LINE WITH A 2' LINE SEGMENT AND A 4' GAP	
8SW	8" SOLID WHITE LINE	
24SW	24" SOLID WHITE LINE	

BIKE LANE MARKING

"TURN ARROW" (LT OR RT) PAVEMENT MARKING

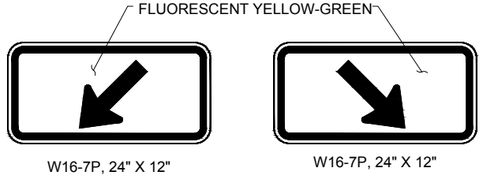
"ONLY" PAVEMENT MARKING PER COA STANDARDS

SIGN FACE DETAILS



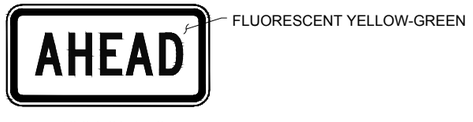
R10-23a, 36" X 30"

W11-2, 36" X 36"



W16-7P, 24" X 12"

W16-7P, 24" X 12"



W16-9P, 24" X 12"

R10-6A, 24" X 30"

SIGNING AND STRIPING GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL SIGNING AND STRIPING.
2. ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL CONFORM TO LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THESE PLANS AND THE SPECIAL PROVISIONS.
3. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY'S TRAFFIC ENGINEERING DIVISION, OR HIS REPRESENTATIVE, PRIOR TO INSTALLATION.
4. ANY DEVIATION FROM THESE SIGNING AND STRIPING PLANS SHALL BE APPROVED BY THE CITY'S PROJECT MANAGER HIS REPRESENTATIVE PRIOR TO ANY CHANGE IN THE FIELD.
5. ALL SIGNAGE SHALL BE REFLECTIVE PER ASTM DESIGNATION D4956-04 AND SHALL USE TYPE IV PRISMATIC REFLECTIVE SHEETING (HIGH INTENSITY PRISMATIC OR EQUAL) UNLESS OTHERWISE SPECIFIED. R1-1 "STOP", R1-2 "YIELD", R2-1 "SPEED LIMIT" AND STREET NAME SIGNS SHALL USE TYPE XI PRISMATIC CUBE-CORNER REFLECTIVE SHEETING (DIAMOND GRADE VIP OR EQUAL).
6. ALL REGULATORY, WARNING AND OR STREET SIGNS SHALL CONFORM TO THE 2009 MUTCD STANDARDS FOR SIGN SIZE; UPPER AND LOWER CASE; LETTER SIZE; AND RETRO-REFLECTIVITY REQUIREMENTS.
7. LETTERING ON STREET NAME SIGNS SHALL MEET THE STANDARDS BELOW:

TYPE OF MOUNTING	TYPE OF STREET	UPPER CASE	LOWER CASE	PLATE SIZE
OVERHEAD	ALL TYPES	12 IN.	9 IN.	18 IN.
POST-MOUNTED	ARTERIAL	8 IN.	6 IN.	12 IN.
POST-MOUNTED	NON-ARTERIAL	6 IN.	4.5 IN.	10 IN.

8. REGULATORY SIGNS SHALL BE RETROREFLECTIVE OR ILLUMINATED (SEE MUTCD 2009 SECTION 2A.07) TO SHOW THE SAME SHAPE AND SIMILAR COLOR BY BOTH DAY AND NIGHT. SIZES FOR REGULATORY SIGNS ARE REFERENCED IN THE 2009 MUTCD SECTION 2B.03 AND SHALL BE AS SHOWN IN TABLE 2B-1. (A MINIMUM SIZE OF 36 X 36 INCHES SHALL BE USED FOR STOP SIGNS THAT FACE MULTI-LANE APPROACHES.)
9. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL STREET SIGNS, STRIPING AND MARKINGS WITHIN A 500' PERIMETER OF THE CONSTRUCTION PROJECT WILL BE RESTORED TO A "LIKE NEW" CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY'S CONSTRUCTION MANAGER.
10. CONTRACTOR SHALL REMOVE ALL CONFLICTING PAINTED LINES, MARKINGS AND PAVEMENT LEGENDS.
11. ALL CROSSWALKS, LIMIT LINES, STOP BARS, PAVEMENT ARROWS AND PAVEMENT LEGENDS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED. CONTINENTAL BARS ARE THE STANDARD FOR CROSSWALKS, IN ALL CASES THERE IS A NEED TO FIRST RESPECT THE WHEEL PATHS (IE PLACEMENT ESTABLISHED BY LANE WIDTH) AND SECOND THAT THE BARS BE PARALLEL TO THE FLOW OF TRAFFIC (IE NOT NECESSARILY PERPENDICULAR TO THE CROSSWALK PATH -RAMP TO RAMP).
12. ALL SIGNS SHALL BE STANDARD SIZE AS SHOWN IN THE MUTCD UNLESS OTHERWISE SPECIFIED.
13. SIGN POSTS SHALL BE SQUARE PERFORATED STEEL TUBING WITH BREAKAWAY BASE PER THE LATEST EDITION OF AASHTO'S "SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" STANDARD DETAIL.
14. WHEN A SIGN IS ATTACHED TO A POLE, IT SHALL BE MOUNTED USING A STANDARD CITY OF ALBUQUERQUE APPROVED MOUNTING BRACKET WITH STRAPS. ALL SIGNS PLACED IN THE RIGHT OF WAY SHALL RESPECT THE MINIMUM HEIGHT 7 FT, SIGN EDGE OFFSET OF 2 FT.
15. MINIMUM CLEARANCE ON MAST-ARMS OF 17 FT WILL BE MAINTAINED.
16. EXISTING SIGNS REMOVED BY THE CONTRACTOR SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING'S PINO YARDS.
17. ALL SIGNS SHOWN ON THESE PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR EXCEPT THOSE SIGNS SPECIFICALLY SHOWN AS EXISTING TO BE RELOCATED OR TO REMAIN.
18. (IF NECESSARY) ALL MEDIAN NOSES AND FLARES SHALL BE PAINTED YELLOW.
19. (IF NECESSARY) WHERE R4-7 SIGN AND OM1-3 OBJECT MARKER ARE TO BE INSTALLED IN A 2-FOOT WIDE MEDIAN NOSE, THE R4-7 SIGN SHALL BE 24"X30" AND THE OM1-3 OBJECT MARKER SHALL BE 18"X18".
20. (IF NECESSARY) NEW "SIGNAL AHEAD" SIGNS AND PAVEMENT LEGENDS SHALL BE INSTALLED UNTIL TRAFFIC SIGNALS ARE OPERATIONAL OR UNTIL DIRECTED BY THE CITY TRAFFIC ENGINEER OR HIS REPRESENTATIVE.

811

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

CONSULTANTS

Parametrix
ENGINEERING PLANNING ENVIRONMENTAL SCIENCES
5500 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev. =5283.222'

SEAL

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTORS ACCEPTANCE BY: DATE:	
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DATE	

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SIGNING & STRIPING LEGEND AND NOTES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		ZONE MAP NO. H-18, H-19, J-18, J-19 CITY PROJECT NO. 6097.31 SHEET NO. 5-1

SIGNING AND STRIPING ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
441.001	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP	LF	5300
441.002	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 6" WIDTH, CIP	LF	1200
441.003	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 8" WIDTH, CIP	LF	200
441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP	LF	1400
441.011	REFLECTORIZED PLASTIC ARROW, LEFT, CIP	EA	16
441.020	REFLECTORIZED PLASTIC WORD, ONLY, CIP	EA	7
441.031	REFLECTORIZED PLASTIC SYMBOL, BICYCLE, CIP	EA	5
450.001	ALUMINUM PANEL SIGN, CIP.	SF	106
450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP.	LF	60
450.101	SIGN, POST & BASE POST, REMOVE AND SALVAGE, COMPL	EA	5

							ITEM NO. 450.001 ALUMINUM PANEL SIGN	POST LENGTHS (LIN. FT.)			450.01 SQUARE TUBE STEEL/BASE POSTS FOR ALUMINUM PANEL SIGNS	
SIGN CODE	MESSAGE	WIDTH (IN)	HEIGHT (IN)	SIGN AREA (SF)	COLOR	NO. OF SIGNS	TOTAL SIGN AREA (SF)	LEFT	CTR.	RIGHT	POST TOTAL (LIN.FT.)	BASE POST (LIN.FT.)
W11-2	PEDESTRIAN WARNING	36	36	9.0	B/FY	4	36.0	MOUNT ON PEDESTAL POLE				
W11-2	PEDESTRIAN WARNING	36	36	9.0	B/FY	2	18.0		13		26	9
W16-7P	DOWNWARD DIAGONAL ARROW (PLAQUE)	24	12	2.0	B/FY	4	8.0	MOUNT ON PEDESTAL POLE				
W16-9P	AHEAD (PLAQUE)	24	12	2.0	B/FY	2	4.0	MOUNT BELOW W11-2 SIGN				
R10-6A	STOP HERE ON RED	24	30	5.0	B/W	1	5.0		13		13	9
R10-6A	STOP HERE ON RED	24	30	5.0	B/W	1	5.0	MOUNT ON EXISTING POLE				
R10-23a	CROSSWALK - STOP ON RED	30	36	7.5	B/W/FY	4	30.0	MOUNT ON SIGNAL MASTARM				
						TOTAL	106.0				39	18
						USE	**106**				**60**	

CONSULTANTS

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BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

S. ZACHARY TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
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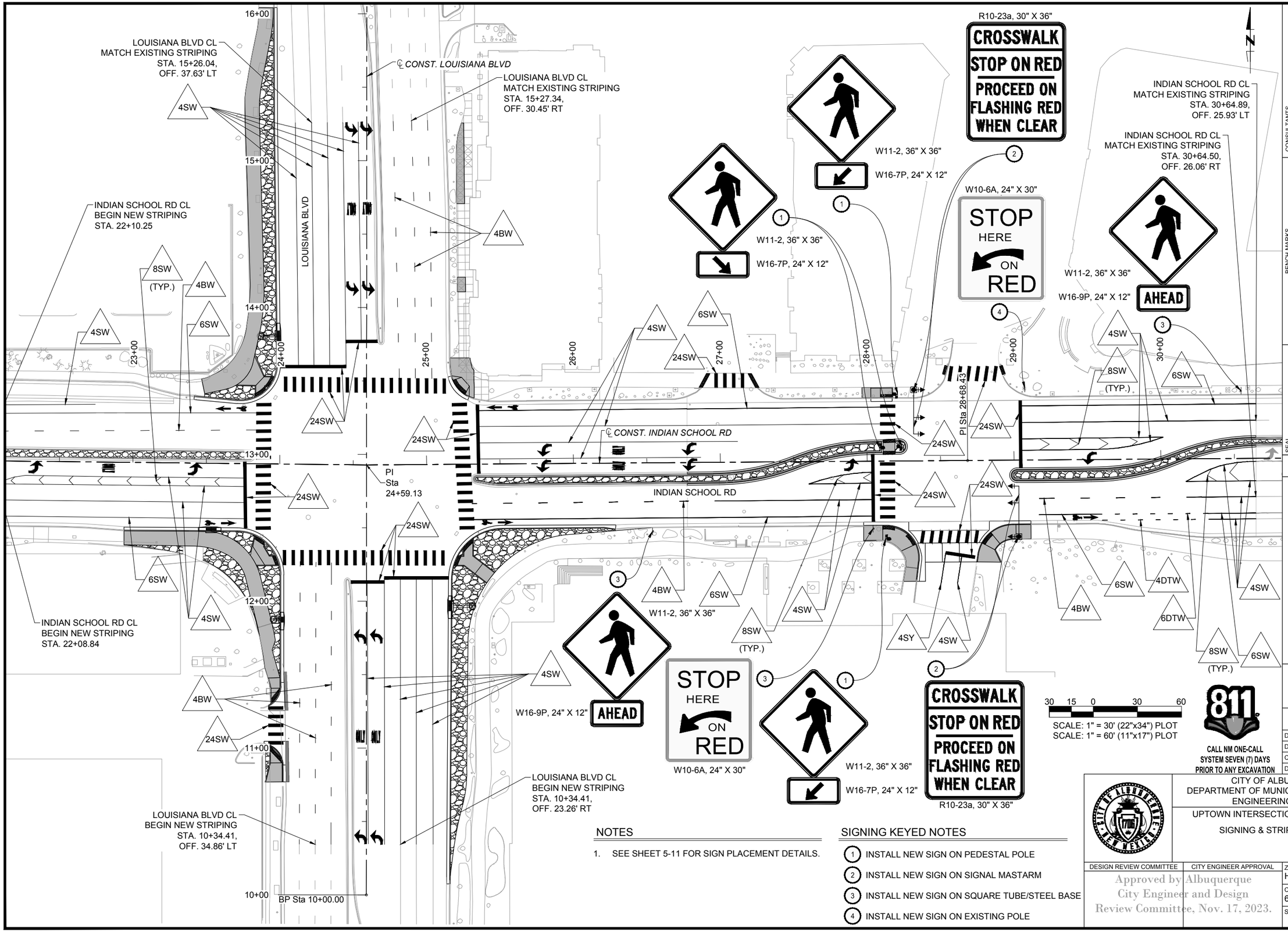
811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SIGNING & STRIPING QUANTITIES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 5-2



NOTES

1. SEE SHEET 5-11 FOR SIGN PLACEMENT DETAILS.

SIGNING KEYED NOTES

1. INSTALL NEW SIGN ON PEDESTAL POLE
2. INSTALL NEW SIGN ON SIGNAL MASTARM
3. INSTALL NEW SIGN ON SQUARE TUBE/STEEL BASE
4. INSTALL NEW SIGN ON EXISTING POLE

SCALE: 1" = 30' (22"x34") PLOT
SCALE: 1" = 60' (11"x17") PLOT

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

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S. TRONCOSO ZACHARY
NEW MEXICO 25311 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SIGNING & STRIPING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19
CITY PROJECT NO.
6097.31
SHEET NO.
5-3

TRAFFIC SIGNAL GENERAL NOTES

1. THIS PROJECT INCLUDES THE INSTALLATION OF NEW TRAFFIC SIGNALS AT THE LOUISIANA BOULEVARD AND INDIAN SCHOOL ROAD INTERSECTION AND THE INSTALLATION OF PEDESTRIAN HYBRID BEACONS AT THE Q STREET AND INDIAN SCHOOL ROAD INTERSECTION.

2. ALL WORK ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), NATIONAL ELECTRIC CODE, THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS FOR ELECTRICAL WIRING AND APPARATUS, AND THE CITY OF ALBUQUERQUE'S TRAFFIC ENGINEERING OPERATIONS SPECIFICATIONS SECTION 2500 (CURRENT EDITION).

3. LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND MAY BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND/OR TO CLEAR EXISTING UTILITIES. THE CONTRACTOR SHALL MEET WITH THE CITY'S TRAFFIC ENGINEERING OPERATIONS PERSONNEL IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.

4. CONSTRUCTION OF NEW FOUNDATIONS SHALL BE COORDINATED WITH OTHER CONSTRUCTION ACTIVITIES TO ASSURE THAT THE TOPS OF ALL FOUNDATIONS ARE FLUSH WITH ADJACENT SIDEWALK, THAT ALL STRAIGHT SIDES ARE PARALLEL TO SIDEWALK JOINTS AND BACK OF CURBS, AND THAT FOUNDATIONS WILL BE OUTSIDE OF RAMP SLOPES.

5. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.

6. THE CONTRACTOR SHALL BORE, DRILL, OR PUSH CONDUITS WHEN CROSSING EXISTING PAVEMENTS AND ANY DRIVEWAYS FOR SIDE STREET CROSSINGS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED, THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL LINES THAT CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE. THE CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.

7. ALL PULL BOXES SHALL BE REINFORCED POLYMER MORTAR HEAVY DUTY TYPE WITH REINFORCED POLYMER MORTAR HEAVY DUTY COVERS. CONCRETE COVERS, METAL COVERS, AND CONCRETE PULL BOXES WILL NOT BE ACCEPTABLE.

8. WATER-TIGHT SPLICING OF TRAFFIC SIGNAL MULTI-CONDUCTOR CABLE WILL BE PERMITTED IN LARGE PULL BOXES INCLUDING LARGE MEDIAN PULL BOXES.

9. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE '311' THREE WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL ASSIST THE CONTRACTOR IN FIELD LOCATION OF EQUIPMENT, COLOR CODING OF WIRING, AND MUST BE PRESENT WHEN SIGNALS AND LIGHTING ARE SHUT OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC '311' EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED.

10. THE CONTRACTOR SHALL NOTIFY PNM 30 DAYS IN ADVANCE OF ANY ANTICIPATED POWER SERVICE CONNECTIONS OR MODIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH PNM TO ESTABLISH THE ELECTRICAL SERVICE IN THE CITY'S NAME. THE CONTRACTOR SHALL OBTAIN ALL PERMITS ASSOCIATED WITH PROVIDING ELECTRICAL SERVICE. THESE COSTS AND WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

11. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING SIGNS AS NOTED IN PLANS TO BE DELIVERED TO THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING YARD ON PINO AVENUE NE WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.

12. ALL CONDUIT GROUNDS SHALL BE INSULATED GREEN #6 AWG CONDUCTORS IN LIEU OF THE SPECIFIED BARE COPPER.

13. LIVE UNUSED CONDUCTORS WILL NOT BE ALLOWED AT MASTARM POLES AND PEDESTAL POLES. ALL UNUSED CONDUCTORS SHALL BE CAPPED AND WATERPROOFED WITH CRIMPED-ON NYLON WIRE CAPS.

14. ALL COPPER SPLICES SHALL USE SILICONE GEL FILLED WIRE NUTS.

15. IF TRENCH WIDTHS LESS THAN 12" ARE PROPOSED BY THE CONTRACTOR, APPROVED COMPACTION METHODS SHALL BE USED DURING BACKFILL TO PREVENT LATENT TRENCH FAILURES. THE CONTRACTOR SHALL USE GROUT OR LEAN FILL AS APPROVED BY THE PROJECT MANAGER IN LIEU OF EARTH BACKFILL.

16. THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL PROGRAM ALL TRAFFIC SIGNAL CONTROLLERS.

17. EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED. IF EXISTING CONDUIT IS NOT UTILIZED, TRACER WIRE SHOULD BE INSTALLED.

18. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.

19. EXISTING SIDEWALKS IMPACTED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

20. ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM "AS-BUILT" DRAWINGS AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING, IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES AND SHALL POT-HOLE TO LOCATE EXISTING UTILITIES IN THE LOCATIONS WHERE SIGNAL FOUNDATIONS ARE PROPOSED. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND POT-HOLING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

21. ALL PEDESTRIAN RAMPS SHALL BE AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT WITH APPROPRIATE RAMP SLOPES AND TRUNCATED DOMES (DETECTABLE WARNING SURFACES).

22. PEDESTRIAN PUSH BUTTON SIGNS SHALL BE INSTALLED WITH THE ARROW POINTING IN THE DIRECTION OF THE PEDESTRIAN MOVEMENT.

23. NEW TRAFFIC SIGNAL POLES SHALL BE CITY OF ALBUQUERQUE STANDARD TYPE II OR TYPE III GALVANIZED STEEL. ALUMINUM POLES MAY BE USED ONLY WHEN PRE-APPROVED BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS. MIXING OF STEEL AND ALUMINUM POLES AND MASTARMS AT AN INTERSECTION IS HIGHLY DISCOURAGED AND MUST BE APPROVED BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS.

24. ALL PEDESTRIAN PUSH BUTTON (PPB) LOCATIONS SHALL BE ADA COMPLIANT. PPB'S SHALL BE INSTALLED ADJACENT TO A LEVEL ALL-WEATHER SURFACE, AT A HEIGHT BETWEEN 36" AND 42" FROM FINISHED GRADE, WITHIN A HORIZONTAL REACH OF 0 TO 10 INCHES FROM THE EDGE OF THE LEVEL ALL-WEATHER SURFACE, AND BETWEEN 1.5 TO 6 FEET FROM THE CURB FACE, SHOULDER OR PAVEMENT, NOT EXCEED 10 FEET.

25. THE CONTRACTOR SHALL PROVIDE GEOGRAPHIC INFORMATION SYSTEM (GIS) DOCUMENTATION OF ALL EQUIPMENT AND INFRASTRUCTURE INSTALLED. GIS MAPPING SHALL BE PERFORMED BY A QUALIFIED AGENT OR FIRM AND BE PROVIDED TO THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION (CABQ TED) FOR REVIEW AND ACCEPTANCE. CABQ TED WILL PROVIDE GIS SCHEMA TO BE USED BY THE CONTRACTOR OR CONTRACTOR'S AGENT/FIRM. CONTRACTOR SHALL COLLECT GPS COORDINATES, PHOTOS, AND ATTRIBUTES FOR CONSTRUCTED OR MODIFIED FIELD INFRASTRUCTURE ITEMS AS DIRECTED BY CABQ TED AND AS SHOWN IN THE CABQ TED PROVIDED GIS SCHEMA. ESRI SHAPEFILES SHALL BE USED TO STORE AND DELIVER COLLECTED DATA. DATA COLLECTION SHALL BE PERFORMED USING GIS EQUIPMENT ACCURATE TO 2.5 METERS, AND ALL COLLECTED FEATURES SHALL BE ACCURATE TO 2.5 METERS. SHAPEFILES SHALL BE IN THE PROJECTION NAD83 HARN STATE PLANE NEW MEXICO CENTRAL FEET. DATA COLLECTION USING AERIAL IMAGERY AND/OR AS-BUILT DRAWINGS SHALL NOT BE ALLOWED UNLESS EXPLICITLY STATED BY CABQ TED PRIOR TO DATA COLLECTION. THIS COST AND WORK WILL BE CONSIDERED INCIDENTAL TO ITEM 438.001.

TRAFFIC SIGNAL LEGEND

NEW	EXISTING	ITEM
		PULL BOX (LARGE)
		PULL BOX (STANDARD)
		SERVICE RISER (SIGNAL)
		METER PEDESTAL
		CONTROLLER CABINET
		CONDUIT RUN (SIGNALS)
		CONDUIT RUN (INTERCONNECT)
1	1	CONDUIT RUN NUMBER (SIGNAL)
ST	ST	CONDUIT RUN NUMBER (POWER SERVICE)
		TYPE II STANDARD POLE WITH MASTARM, TRAFFIC SIGNAL, BACKPLATE, PREEMPTION DETECTOR AND IISNS
		TYPE III STANDARD POLE WITH MASTARM, TRAFFIC SIGNAL, BACKPLATE, PREEMPTION DETECTOR, LUNIMAIRE, VIDEO CAMERA AND IISNS
		PEDESTRIAN COUNTDOWN SIGNALS ON PEDESTAL POLE (PUSH BUTTONS MOUNTED ON SIDE OF POLE WHERE INDICATED)
		TRAFFIC SIGNAL PEDESTAL POLE (WITH PROTECTED TURN SIGNAL)
		TRAFFIC SIGNAL PEDESTAL POLE (WITH PROTECTED+PERMITTED TURN SIGNAL)
		LOOP DETECTOR
V	V	SPLICE VAULT
		VIDEO CAMERA
		EMERGENCY VEHICLE PREEMPTION DETECTOR
		IISNS (INTERNALLY ILLUMINATED STREET NAME SIGN)
		RADAR DETECTOR

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

ZACHARY S. FRANCOSO — NEW MEXICO — 25310 — REGISTERED PROFESSIONAL ENGINEER
11-7-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC SIGNAL LEGEND AND NOTES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 6097.31
SHEET NO. 5-4

TRAFFIC SIGNAL EQUIPMENT REQUIREMENTS

1. ALL TRAFFIC SIGNAL EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE AND SHALL BE APPROVED BY CITY TED BEFORE BEING INSTALLED. THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
   A. ALL TRAFFIC SIGNAL CONTROLLERS SUPPLIED FOR THIS PROJECT SHALL BE COBALT OR EQUAL APPROVED BY THE CITY OF ALBUQUERQUE.
   B. ALL TRAFFIC SIGNAL CONTROLLER CABINETS SUPPLIED FOR THIS PROJECT SHALL BE TYPE "P" CABINETS.
   C. ALL TRAFFIC SIGNAL CONTROLLER CABINETS SUPPLIED FOR THIS PROJECT SHALL BE TS2 ENVIRONMENT CABINETS.

2. SERVICE PEDESTALS SUPPLIED FOR THIS PROJECT SHALL BE TESCO TYPE A AS PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

3. ALL INDICATIONS OF ALL VEHICLE SIGNAL ASSEMBLIES AND ALL PEDESTRIAN SIGNAL INDICATORS SHALL BE TINTED L.E.D. SIGNALS OF A TYPE AND MANUFACTURER APPROVED BY THE CITY OF ALBUQUERQUE. PEDESTRIAN SIGNALS SHALL INCLUDE "COUNTDOWN" INDICATIONS FOR CLEARANCE TIME.

4. ALL SIGNAL ASSEMBLIES, PEDESTRIAN SIGNALS, PEDESTRIAN PUSH BUTTONS, AND FITTINGS SHALL COMPLY WITH THE CITY OF ALBUQUERQUE TYPE AND COLOR (BLACK) FINISH REQUIREMENTS.

5. ALL BACKPLATES SHALL BE STANDARD.

6. PEDESTRIAN PUSH BUTTON CABLE SHALL BE 16 AWG SINGLE TWISTED PAIR. THIS SHALL BE PAID UNDER ITEM 428.05 LOOP LEAD-IN CABLE.

TRAFFIC SIGNAL INCIDENTAL ITEMS *

1. CABLE TESTING AND DIAGRAMS (SECTION 426).
2. LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING GAS LINES WHEN BORING (SECTION 18).
3. DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL (ITEM 19.01).
4. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE DMD PUBLIC INFORMATION OFFICER (PIO), WHO WILL ADVISE THE PUBLIC OF CONSTRUCTION FOR THE DURATION OF THE PROJECT. ANY IMPACT TO ACCESS OF BUSINESSES SHALL BE COORDINATED SEVEN (7) DAYS IN ADVANCE WITH THE CITY OF ALBUQUERQUE AND BUSINESSES (SECTION 1200).
5. OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL (SECTION 1200).
6. COST FOR PNM TO PROVIDE ELECTRICAL SERVICE (ITEM 421.005).
7. CONDUIT TRACE WIRE (SECTION 426).

* 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 PROVISIONS, SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS, 2020 EDITION UPDATE 1.

CONSULTANTS

Parametrix
ENGINEERING PLANNING ENVIRONMENTAL SCIENCES
5500 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

S. TRANCOSO ZACHARY 25324 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

EQUIPMENT & INCIDENTAL ITEMS,
INTERCONNECT REQUIREMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
5-5

TRAFFIC SIGNAL ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
421.010	METER PEDESTAL (SIGNAL), CIP	EA	1
421.015	SERVICE CONNECTION (SIGNAL), CIP	EA	2
422.002	TRAFFIC SIGNAL PEDESTAL POLE, 10', CIP	EA	3
422.003	TRAFFIC SIGNAL PEDESTAL POLE, 13', CIP	EA	4
422.004	TRAFFIC SIGNAL PEDESTAL POLE, 15', CIP	EA	4
422.016	TRAFFIC SIGNAL MASTARM, 30' ARM, TYPE II, TROMBONE, CIP	EA	1
423.018	TRAFFIC SIGNAL MASTARM, 35' ARM, TYPE II, TROMBONE, CIP	EA	1
422.045	TRAFFIC SIGNAL MASTARM, 45' ARM, TYPE II, TROMBONE, CIP	EA	2
422.060	TRAFFIC SIGNAL MASTARM, 60' ARM, TYPE II, TROMBONE, CIP	EA	2
422.101	TRAFFIC SIGNAL PEDESTAL POLE, ANY SIZE, REMOVE & SALVAGE, COMPL.	EA	5
422.11	TRAFFIC SIGNAL MASTARM, ANY SIZE, REMOVE & SALVAGE, COMPL.	EA	4
423.001	TRAFFIC SIGNAL FOUNDATION FOR PEDESTAL POLE, CIP	EA	11
423.002	TRAFFIC SIGNAL MASTARM FOUNDATION, CIP	EA	6
423.003	TRAFFIC SIGNAL CONTROLLER FOUNDATION (TYPE M & P CABINET), CIP	EA	1
423.101	TRAFFIC SIGNAL FOUNDATION MASTARM, REMOVE & DISPOSE, COMPL	EA	4
423.102	TRAFFIC SIGNAL FOUNDATION, FOR PEDESTAL POLE & SPLICE CABINET, REMOVE & DISPOSE, COMPL.	EA	5
424.012	ELECTRICAL CONDUIT, 3", INCLUDING PUSHING, BORING, AND JACKING, CIP.	LF	3,145
425.003	ELECTRICAL PULL BOX (LARGE) CIP.	EA	12
425.101	ELECTRICAL PULL BOX, ANY TYPE, REMOVE & DISPOSE, CIP	EA	9
426.001	SINGLE CONDUCTOR #2, CIP	LF	1,920
426.003	SINGLE CONDUCTOR #6, CIP	LF	5,240
426.010	MULTI-CONDUCTOR CABLE, #5, CIP	LF	2,990
426.014	MULTI-CONDUCTOR CABLE, #20, CIP	LF	2,475
426.101	EXISTING WIRING, REMOVE & DISPOSE, COMPL	LS	1
427.002	3 SECTION TRAFFIC SIGNAL ASSEMBLY, CIP	EA	20
427.003	3 SECTION TRAFFIC SIGNAL ASSEMBLY FOR HAWK CONFIG., CIP	EA	6
427.023	PEDESTRIAN SIGNAL, L.E.D., COUNTDOWN, CIP	EA	12
427.031	3 SECTION BACKPLATE, CIP	EA	12
427.032	3 SECTION BACKPLATE FOR HAWK CONFIG., CIP	EA	6
427.121	PEDESTRIAN SIGNAL, ANY TYPE, REMOVE & SALVAGE, COMPL	EA	8
428.01	PUSH BUTTON STATION, CIP	EA	12
428.011	PUSH BUTTON STATION, REMOVE & SALVAGE, COMPL	EA	8
428.05	LOOP LEAD-IN CABLE, CIP	LF	130
428.075	OPTICAL DETECTOR 1D/1C, CIP	EA	2
428.078	OPTICAL DETECTOR CABLE, CIP	LF	1,300
428.301	RADAR POWER CABLE	LF	1,400
429.001	TRAFFIC ACTUATED CONTROLLER, CIP	EA	1
429.021	8 PHASE DUAL RING CONTROLLER CABINET, CIP	EA	1
435.708	TESTING & TROUBLESHOOTING, HOUR	HR	16
438.001	GIS DOCUMENTATION PROVIDED BY CONTRACTOR, CIP	LS	1

CONSULTANTS

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SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
11-7-2023

NO.	DATE	DESCRIPTION	BY
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811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC SIGNAL ESTIMATED QUANTITIES

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 17, 2023.

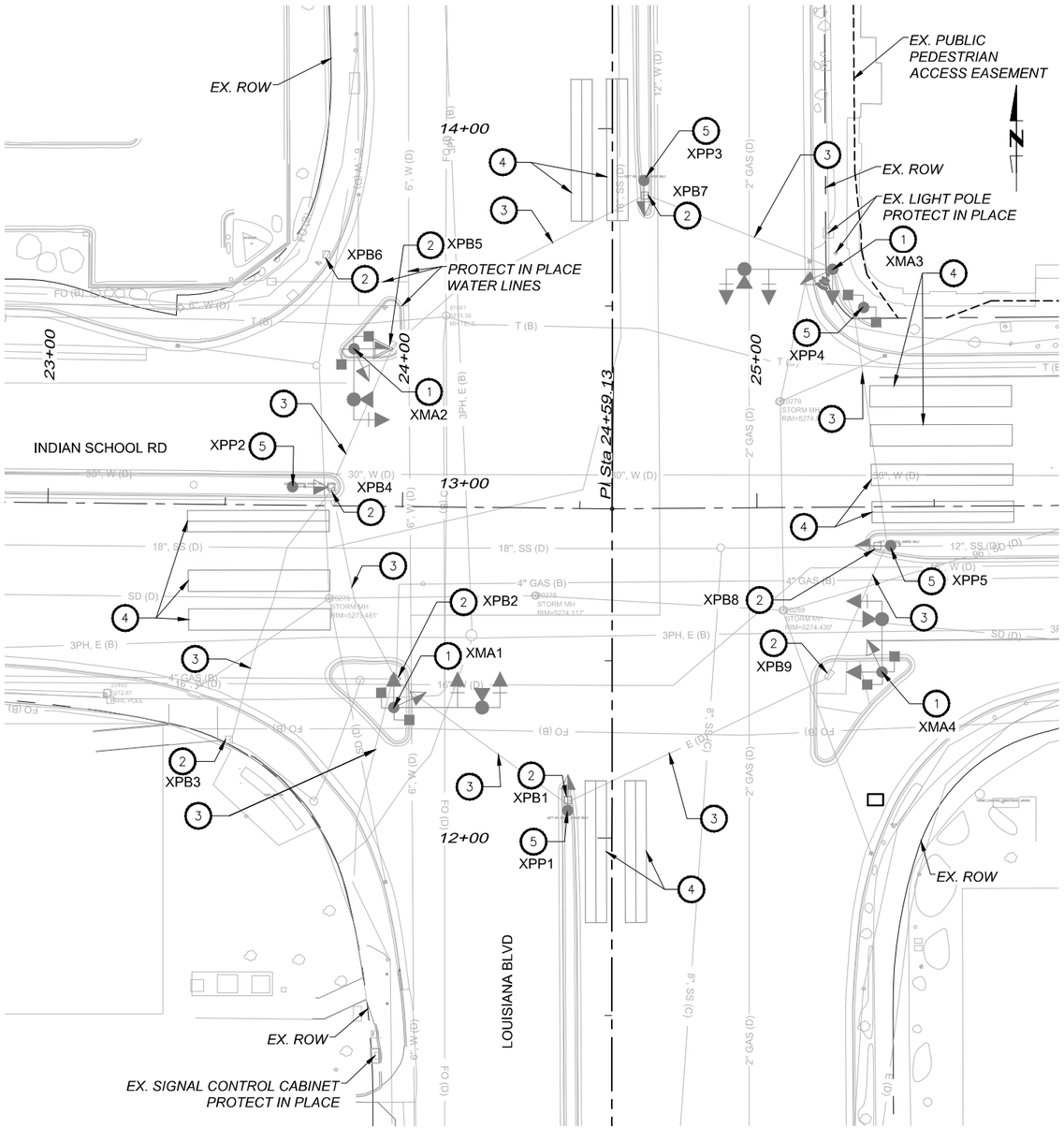
ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
5-6

SIGNAL REMOVALS

ID #	ITEM	STATION	OFFSET
XMA1	MASTARM - 30' TYPE II	12+36.74	61.59' LT
XMA2	MASTARM - 20' TYPE II	13+37.90	72.87' LT
XMA3	MASTARM - 30' TYPE II	13+60.19	61.86' RT
XMA4	MASTARM - 20' TYPE II	12+46.81	76.16' RT
XPP1	PED POLE - 15' TYPE I	12+05.06	12.48' LT
XPP2	PED POLE - 15' TYPE I	12+99.21	90.22' RT
XPP3	PED POLE - 15' TYPE I	13+85.91	9.85' RT
XPP4	PED POLE - 10' TYPE I	13+48.89	68.64' RT
XPP5	PED POLE - 15' TYPE I	12+82.79	80.42' RT
XPB1	PULL BOX	12+09.84	13.10' LT
XPB2	PULL BOX	12+44.86	60.86' LT
XPB3	PULL BOX	12+27.63	108.07' LT
XPB4	PULL BOX	12+99.17	79.45' LT
XPB6	PULL BOX	13+64.42	80.85' LT
XPB7	PULL BOX	13+81.33	9.41' RT
XPB8	PULL BOX	12+83.04	74.84' RT
XPB9	PULL BOX	12+46.20	61.21' RT



KEYED NOTES

1. REMOVE AND SALVAGE EXISTING TRAFFIC SIGNAL MASTARM AND SIGNAL EQUIPMENT, REMOVE AND DISPOSE OF EXISTING FOUNDATION
2. REMOVE AND DISPOSE OF EXISTING PULL BOX
3. REMOVE AND DISPOSE OF EXISTING WIRING, ABANDON EXISTING CONDUIT IN PLACE
4. REMOVE LOOP DETECTOR WIRE
5. REMOVE AND SALVAGE EXISTING PEDESTAL POLE AND SIGNAL EQUIPMENT, REMOVE AND DISPOSE OF EXISTING FOUNDATION

NOTES

1. STATIONS AND OFFSETS REFER TO LOUISIANA BLVD ℄.
2. PRIOR TO CONSTRUCTION, CONTRACTOR AND COA PM/TED SHALL FIELD VERIFY ALL TRAFFIC SIGNAL PULL BOXES AND CONDUITS CONTAINING SIGNAL WIRING BEFORE REMOVALS.
3. ALL WIRING (SIGNAL AND LOOP DETECTOR) REMOVALS SHALL BE PAID UNDER ITEM NO. 426.101.

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

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

CONSULTANTS

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S. TRONCOSO ZACHARY 25310 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
11-7-2023

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & LOUISIANA BLVD
TRAFFIC SIGNAL REMOVAL PLAN

DESIGN REVIEW COMMITTEE
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

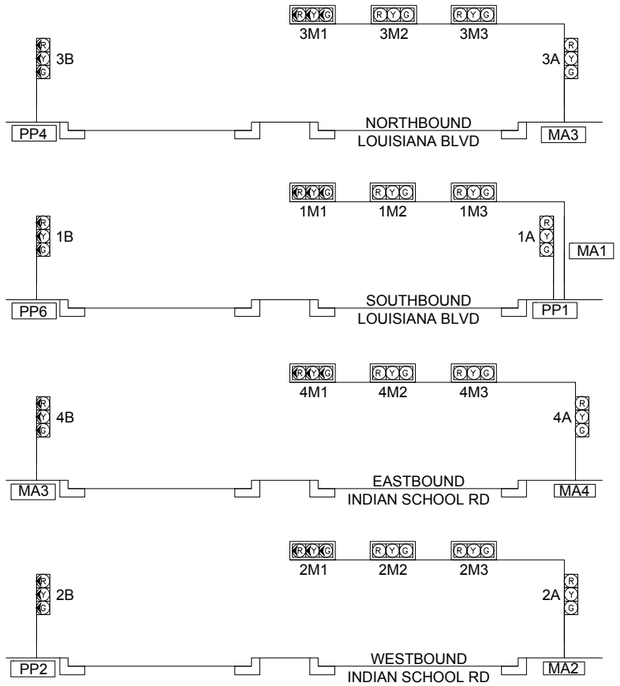
CITY ENGINEER APPROVAL

ZONE MAP NO.
H-18, H-19, J-18, J-19

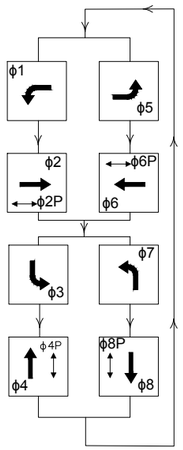
CITY PROJECT NO.
6097.31

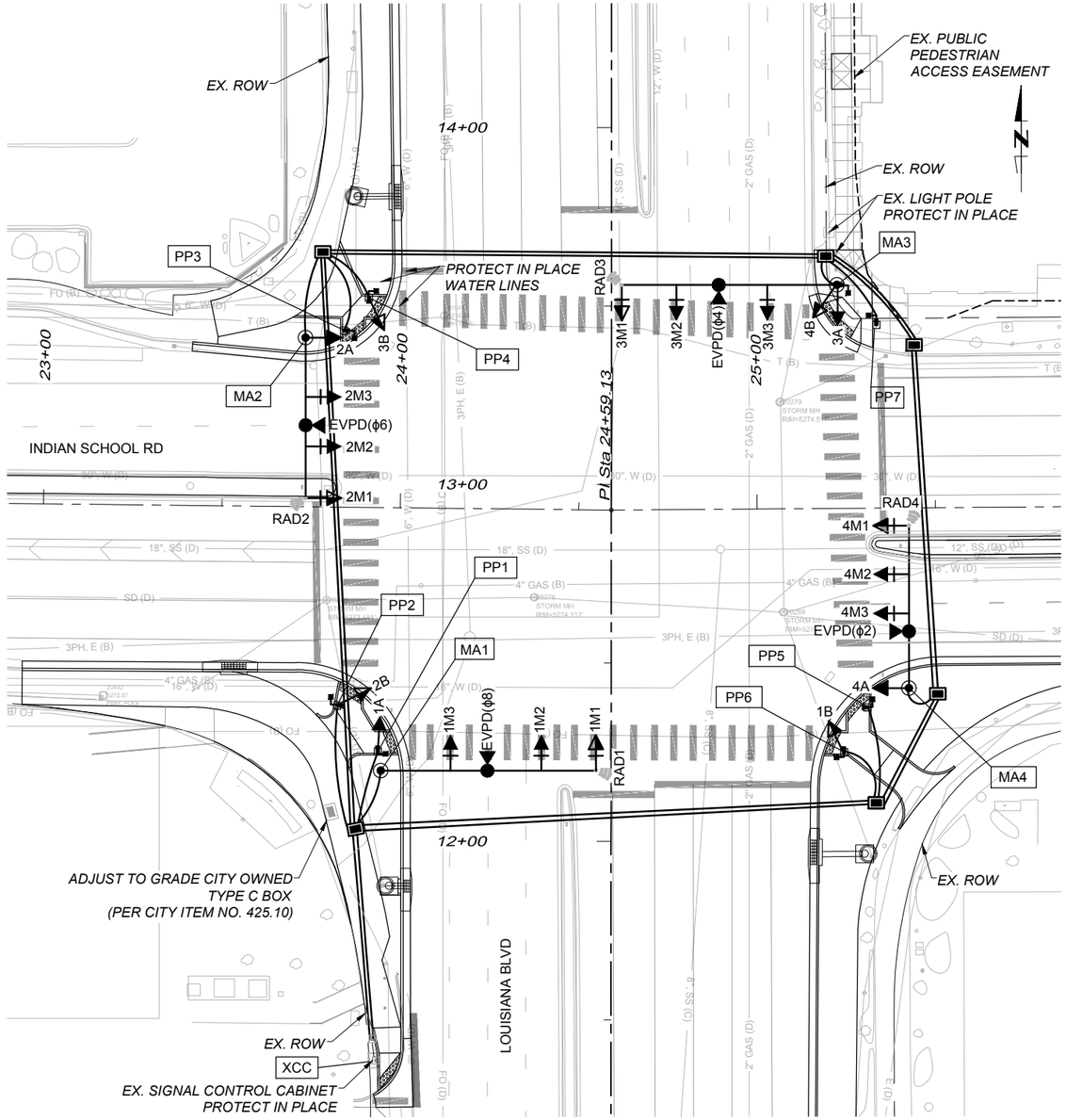
SHEET NO.
5-7

TRAFFIC SIGNAL CONFIGURATION BY APPROACH

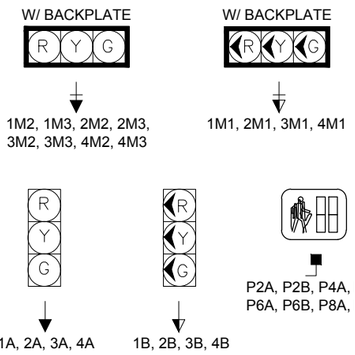


SIGNAL PHASING





TYPICAL SIGNAL FACE ASSEMBLIES AND LEGEND



ABBREVIATIONS

MA1	MAST ARM NUMBER
PP1	PEDESTAL POLE NUMBER
EVPD(ϕ2)	EMERGENCY VEHICLE PREEMPTION DETECTOR (PHASE)
XCC	EXISTING CONTROL CABINET (TO REMAIN)
XMH1	EXISTING MANHOLE (TO REMAIN)
PB1	PULL BOX NUMBER
RAD1	RADAR SENSOR NUMBER

FLASH CONDITION

RED HEADS - ϕ1, ϕ2, ϕ5, ϕ6
RED HEADS - ϕ3, ϕ4, ϕ7, ϕ8

INITIALIZATION

STEADY ALL RED, THEN ϕ4 AND ϕ8 GREEN

NOTES

1. STATIONS AND OFFSETS REFER TO LOUISIANA BLVD ℄.
2. PULL BOXES ARE LARGE SIZE UNLESS OTHERWISE NOTED.
3. REUSE EXISTING RADAR PRESENCE DETECTORS FROM EXISTING MASTARMS. RECONNECTING DETECTORS IS INCIDENTAL TO ITEM 428.301.

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

LEGEND	PEDESTAL POLE HEIGHT	EQUIPMENT				POLE LOCATION
		↓	↓	■	●	
PP1	15'	1	0	1	1	12+25.18, 67.3' LT
PP2	15'	0	1	1	1	12+36.66, 75.6' LT
PP3	10'	0	0	1	1	13+46.61, 75.5' LT
PP4	15'	0	1	1	1	13+52.26, 68.0' LT
PP5	10'	0	0	1	1	12+36.48, 73.6' RT
PP6	15'	0	1	1	1	12+25.22, 65.8' RT
PP7	10'	0	0	1	1	13+44.16, 74.19' RT

NOTES:
REFER TO CABQ STD. DWG. 2558, 2560, 2562C AND 2562D FOR INSTALLATION OF PEDESTAL POLES AND FOUNDATION.

LEGEND	MAST ARM TYPE	EQUIPMENT								POLE LOCATION
		↓	↓	↓	↓	●	((•))	■	●	
MA1	ALB-2-60-0	0	1	2	0	1	1	0	0	12+19.79, 64.6' LT
MA2	ALB-2-45-0	1	1	2	0	1	1	0	0	13+41.09, 85.7' LT
MA3	ALB-2-60-0	1	1	2	1	1	1	1	1	13+55.94, 63.2' RT
MA4	ALB-2-45-0	1	1	2	0	1	1	0	0	12+43.21, 83.35' RT

NOTES:
REFER TO CABQ STD. DWG. 2555, 2558, 2560, 2562A AND 2562B FOR INSTALLATION OF SIGNAL POLES AND FOUNDATION.

CONSULTANTS

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SEAL
ZACHARY S. TRONCOSO NEW MEXICO 25312 REGISTERED PROFESSIONAL ENGINEER
11-15-2023

NO.	DATE	DESCRIPTION	BY
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		CONTRACTOR:	
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & LOUISIANA BLVD
TRAFFIC SIGNAL PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19
CITY PROJECT NO.
6097.31
SHEET NO.
5-8

CONDUIT AND CONDUCTOR REQUIREMENTS

RUN ID ##	SIZE/LENGTH 2"	SIZE/LENGTH 3"	LOCATION	HOME-RUN	RING	BRANCH	RADAR	PREEMPTION CABLE	EX C L
S1		70	XCC TO PB6	X					
S2		70	XCC TO PB6				X	X	
1		155	XMH1 TO PB1		X				
2		155	XMH1 TO PB1				X	X	
3		25	XMH1 TO MA1			X	X	X	
4		25	XMH1 TO PP1			X			
5		35	XMH1 TO PP2			X			
6		25	PB1 TO MA2			X	X	X	
7		25	PB1 TO PP3			X			
8		20	PB1 TO PP4			X			
9		140	PB1 TO PB2		X				
10		140	PB1 TO PB2				X	X	
11		10	PB2 TO MA3			X	X	X	
12		20	PB2 TO PP7			X			
13		35	PB2 TO PB3		X				
14		35	PB2 TO PB3		(SPARE - PULL STRING ONLY)				
15		100	PB3 TO PB4		X				
16		100	PB3 TO PB4		(SPARE - PULL STRING ONLY)				
17		15	PB4 TO MA4			X	X	X	
18		30	PB5 TO PP5			X			
19		20	PB5 TO PP6			X			
20		35	PB4 TO PB5		X				
21		35	PB4 TO PB5				X	X	
22		160	PB5 TO XMH1		X				
23		160	PB5 TO XMH1				X	X	
CONDUIT (FT)		1500							
MCC5				160	655	305			
MCC20				320	1310	305			
SCC#2									
SCC#6				320	1310	610			
SCC#8									
RADAR							**		
PREEMPTION CABLE								**	

NOTES:

** REFER TO RADAR POWER CABLE TRACE AND PREEMPTION DETECTOR CABLE TRACE TABLES ON THE NEXT SHEET FOR CONDUIT TRACE AND LENGTH CALCULATIONS.

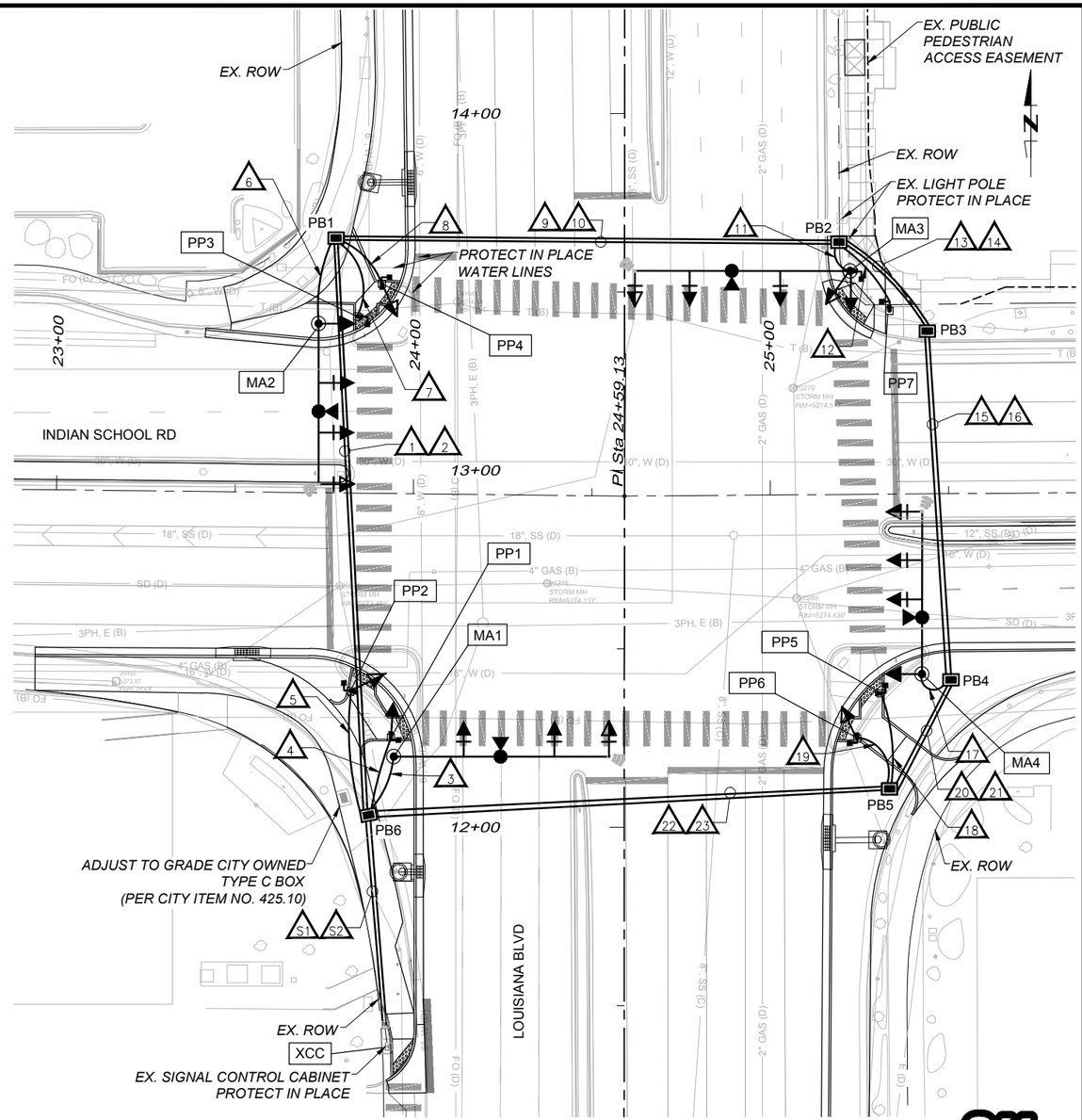
EXPLANATION OF POWER, HOME-RUN, RING, BRANCH, LOOP AND PREEMPTION CABLE IS AS FOLLOWS:

HOME-RUN:	1-MCC5, 2-MCC20 AND 2-SCC#6 WHITE & GREEN
RING:	1-MCC5, 2-MCC20 AND 2-SCC#6 WHITE & GREEN
BRANCH:	1-MCC5, 1-MCC20 AND 2-SCC#6 WHITE & GREEN
RADAR:	1-RADAR POWER CABLE (1 POWER CABLE PER RADAR)
PREEMPTION CABLE:	1-PREEMPTION DETECTOR CABLE (1 DETECTOR CABLE PER DETECTOR)

CONDUCTORS FROM BASE OF POLES TO EQUIPMENTS ON MAST ARMS

POLE	CONDUCTOR TYPE/LENGTH MCC5	LOOP LEAD-IN*
MA1	3	0
MA2	4	0
MA3	6	1
MA4	4	0
PP1	2	1
PP2	2	1
PP3	1	1
PP4	2	1
PP5	1	1
PP6	2	1
PP7	1	1
TOTAL LENGTH (FT)	1040	90

* FOR PEDESTRIAN PUSH BUTTONS, LOOP LEAD-IN CABLE SHALL BE TWISTED PAIR.



20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

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

NOTES

1. NEW PULL BOXES PB1, PB2, PB3, PB4, AND PB5 ARE ALL LARGE SIZE.

ABBREVIATIONS

MA1	MAST ARM NUMBER
PP1	PEDESTAL POLE NUMBER
EVPD(ϕ2)	EMERGENCY VEHICLE PREEMPTION DETECTOR (PHASE)
XCC	EXISTING CONTROL CABINET (TO REMAIN)
XMH1	EXISTING MANHOLE (TO REMAIN)
PB1	PULL BOX NUMBER
MCC	MULTI-CONDUCTOR CABLE

CONSULTANTS

Parametrix
DESIGNERS PLANNERS SCIENTISTS ENVIRONMENTAL SCIENCES
9600 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

ZACHARY S. TRONCOSO NEW MEXICO 25321 REGISTERED PROFESSIONAL ENGINEER
11-15-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & LOUISIANA BLVD
TRAFFIC SIGNAL CABLES & CONDUITS - I

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
5-9

FUNCTION CHART - 115 VOLT CIRCUIT 1/

CONDUCTOR		RING 1 - MCC20 2/	RING 2 - MCC20 2/
BASE COLOR	TRACER	FIELD CONNECTION	FIELD CONNECTION
BLACK	-	SPARE	SPARE
WHITE	-	SPARE	SPARE
RED	-	ϕ1 RED ARROW 2M1, 2B	ϕ5 RED ARROW 4M1, 4B
GREEN	-	ϕ1 GREEN ARROW 2M1, 2B	ϕ5 GREEN ARROW 4M1, 4B
ORANGE	-	ϕ1 YELLOW ARROW 2M1, 2B	ϕ5 YELLOW ARROW 4M1, 4B
BLUE	-	SPARE	SPARE
WHITE	BLACK	SPARE	SPARE
RED	BLACK	ϕ2 RED 4M2, 4M3, 4A	ϕ6 RED 2M2, 2M3, 2A
GREEN	BLACK	ϕ2 GREEN 4M2, 4M3, 4A	ϕ6 GREEN 2M2, 2M3, 2A
ORANGE	BLACK	ϕ2 YELLOW 4M2, 4M3, 4A	ϕ6 YELLOW 2M2, 2M3, 2A
BLUE	BLACK	ϕ2P WALK P2A, P2B	ϕ6P WALK P6A, P6B
BLACK	WHITE	ϕ2P DON'T WALK P2A, P2B	ϕ6P DON'T WALK P6A, P6B
RED	WHITE	ϕ3 RED ARROW 1M1, 1B	ϕ7 RED ARROW 3M1, 3B
GREEN	WHITE	ϕ3 GREEN ARROW 1M1, 1B	ϕ7 GREEN ARROW 3M1, 3B
BLUE	WHITE	ϕ3 YELLOW ARROW 1M1, 1B	ϕ7 YELLOW ARROW 3M1, 3B
BLACK	RED	ϕ4 RED 3M2, 3M3, 3A	ϕ8 RED 1M2, 1M3, 1A
WHITE	RED	ϕ4 GREEN 3M2, 3M3, 3A	ϕ8 GREEN 1M2, 1M3, 1A
ORANGE	RED	ϕ4 YELLOW 3M2, 3M3, 3A	ϕ8 YELLOW 1M2, 1M3, 1A
BLUE	RED	ϕ4P WALK P4A, P4B	ϕ8P WALK P8A, P8B
RED	GREEN	ϕ4P DON'T WALK P4A, P4B	ϕ8P DON'T WALK P8A, P8B

FUNCTION CHART - 115 VOLT CIRCUIT 1/

MCC5 - SIGNAL HEADS

	3 SECTION HEADS (THROUGH PHASES)
BASE COLOR	SIGNAL INTERVAL
RED	RED
GREEN	GREEN
ORANGE	YELLOW
BLUE	SPARE
BLACK	SPARE
WHITE	COMMON
BLACK/WHITE	SPARE

FUNCTION CHART - 115 VOLT CIRCUIT 1/

MCC5 - PEDESTRIAN HEADS

BASE COLOR	SIGNAL INTERVAL
GREEN	WALK
RED	DON'T WALK
WHITE	COMMON
ORANGE	SPARE
BLACK	SPARE

FUNCTION CHART - 24 VOLT CIRCUIT 3/

MCC5 - PUSH BUTTONS

BASE COLOR	FIELD CONNECTION
BLACK	ϕ2P PPB2A, PPB2B
WHITE	COMMON
RED	ϕ4P PPB4A, PPB4B
GREEN	ϕ6P PPB6A, PPB6B
ORANGE	ϕ8P PPB8A, PPB8B

FUNCTION CHART - 115 VOLT CIRCUIT 1/

MCC5 - SIGNAL HEADS

	3 SECTION HEADS (LEFT TURN PHASES)
BASE COLOR	SIGNAL INTERVAL
RED	RED ARROW
GREEN	GREEN ARROW
ORANGE	YELLOW ARROW
BLUE	SPARE
BLACK	SPARE
WHITE	COMMON
BLACK/WHITE	SPARE

ABBREVIATIONS

MCC	MULTI-CONDUCTOR CABLE
EVPD(ϕ2)	EMERGENCY VEHICLE PREEMPTION DETECTOR (PHASE)

DETECTOR RACK ASSIGNMENTS

UNIT # →	POWER SUPPLY	1	2	3	4	5	6	7	8	9	10	11
CHANNEL 1 →		ϕ2	ϕ1		ϕ3					EVPD(ϕ2)	EVPD(ϕ4)	
CHANNEL 2 →		ϕ6	ϕ5		ϕ7					EVPD(ϕ6)	EVPD(ϕ8)	
DETECTOR MODULE REQUIRED →	*	✓	✓		✓					✓	✓	

*POWER SUPPLY IS INCIDENTAL TO ITEM 428.071 PHASE SELECTOR MODULE 2 CHANNEL

PREEMPTION CABLE TRACE

PREEMPTION DETECTOR	FROM	TO	LENGTH (FT) (A)	FROM	TO	CONDUIT TRACE	LENGTH (FT) (B)	LENGTH (FT) (A+B)
EVPD(Φ8)	MA1	POLE BASE	50	POLE BASE	XCC	3-E2	110	160
EVPD(Φ6)	MA2	POLE BASE	35	POLE BASE	XCC	6-2-E2	270	305
EVPD(Φ4)	MA3	POLE BASE	50	POLE BASE	XCC	11-10-2-E2	400	450
EVPD(Φ2)	MA4	POLE BASE	35	POLE BASE	XCC	17-21-23-E2	305	340
						TOTAL LENGTH (FT)		1255
						USE		1300

RADAR POWER CABLE TRACE

RADAR #	FROM	TO	LENGTH (FT) (A)	FROM	TO	CONDUIT TRACE	LENGTH (FT) (B)	LENGTH (FT) (A+B)
RAD1	MA1	POLE BASE	80	POLE BASE	XCC	3-E2	110	190
RAD2	MA2	POLE BASE	65	POLE BASE	XCC	6-2-E2	270	335
RAD3	MA3	POLE BASE	80	POLE BASE	XCC	11-10-2-E2	400	480
RAD4	MA4	POLE BASE	65	POLE BASE	XCC	17-21-23-E2	305	370
						TOTAL LENGTH (FT)		1375
						USE		1400

WIRING REQUIREMENTS

1. AT THE BASE OF SIGNAL POLE, SPLICE ONE (1) MCC20 CABLE WITH SIGNAL & PEDESTRIAN HEAD CABLES.
2. AT THE ADJACENT PULL BOX, SPLICE ONE (1) MCC20 CABLE COMING FROM BASE OF SIGNAL POLE WITH TWO (2) MCC20 CABLE RINGS.
3. SPLICING AT THE BASE OF POLE AND AT THE ADJACENT PULL BOX SHALL BE DONE PER THE COLOR SCHEME SHOWN IN THE FUNCTION CHARTS ON THIS SHEET.
4. IN CASE OF RIGHT TURN OVERLAP SIGNAL HEAD (THROUGH + RIGHT PHASE), GREEN ARROW AND YELLOW ARROW ON THE RIGHT TURN OVERLAP PHASE SHOULD BE CONNECTED TO BLACK AND WHITE SPARE CONDUCTORS ON ONE (1) MCC20 CABLE.

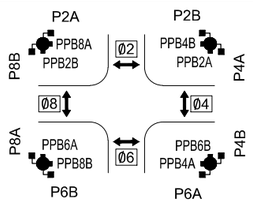
NOTES:

1/ IDENTIFY CONDUCTORS LISTED AS "115 VOLTS".

2/ MARK RING 1 CABLE AT EACH SPLICE POINT WITH 1 PIECE OF WHITE ELECTRICAL TAPE. MARK RING 2 CABLE AT EACH SPLICE POINT WITH 2 PIECES OF WHITE ELECTRICAL TAPE. THE IDENTIFICATION MARKINGS SHALL BE PROVIDED ON EACH RING CABLE AT EACH SPLICE AND LOCATED 6" BACK FROM THE END.

3/ IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

PEDESTRIAN SIGNAL & PUSHBUTTON IDENTIFICATION



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

CONSULTANTS

Parametrix
ENGINEERING PLANNING ENVIRONMENTAL SCIENCES
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SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
11-7-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & LOUISIANA BLVD
TRAFFIC SIGNAL CABLES & CONDUITS - II

DESIGN REVIEW COMMITTEE: Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

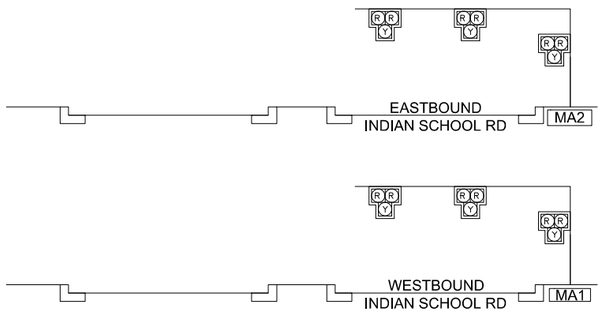
CITY ENGINEER APPROVAL

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
5-10

TRAFFIC SIGNAL CONFIGURATION BY APPROACH



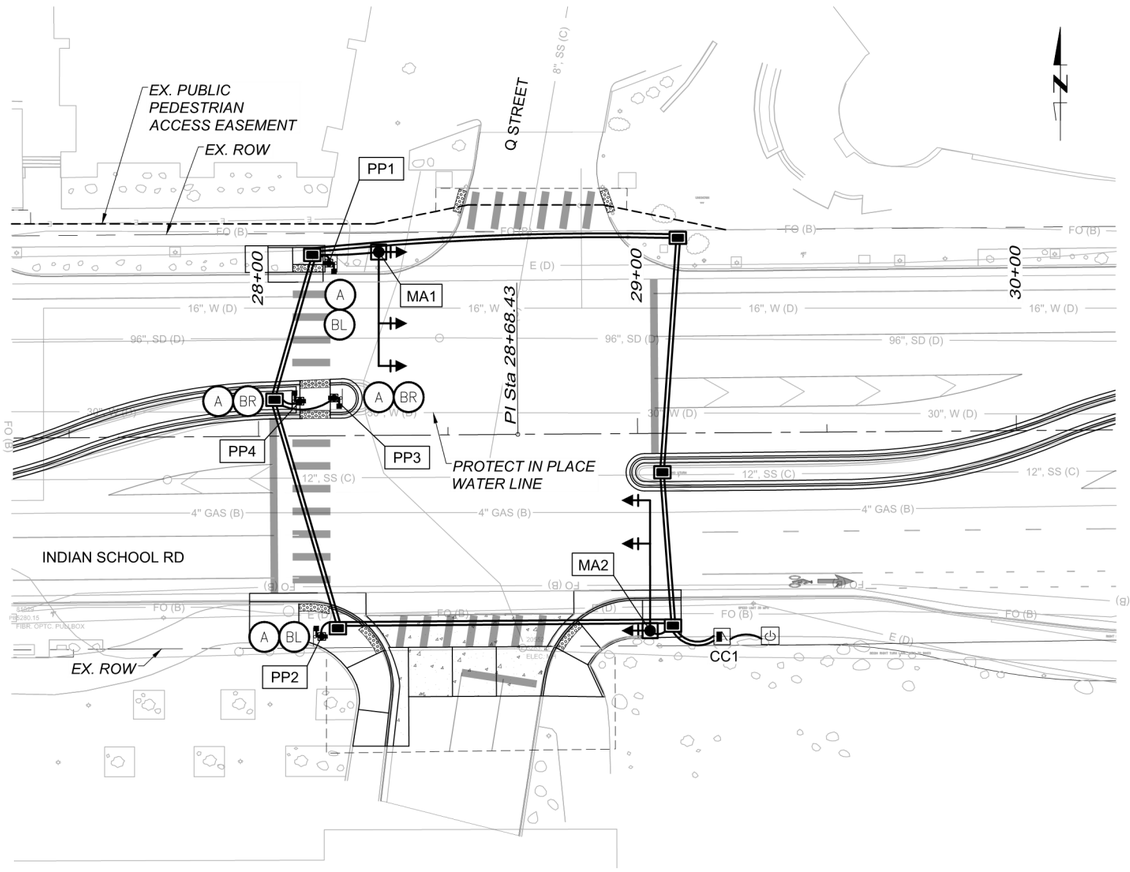
LEGEND	EQUIPMENT TYPE	LOCATION
CC1	CONTROL CABINET	29+22.09, 54.1' RT

LEGEND	PEDESTAL POLE HEIGHT	EQUIPMENT				POLE LOCATION
		↓	⩛	■	●	
PP1	13'	0	0	1	1	28+18.87, 45.6' LT
PP2	13'	0	0	1	1	28+16.27, 53.0' RT
PP3	13'	0	0	1	1	28+19.98, 10.0' LT
PP4	13'	0	0	1	1	28+10.58, 9.2' LT

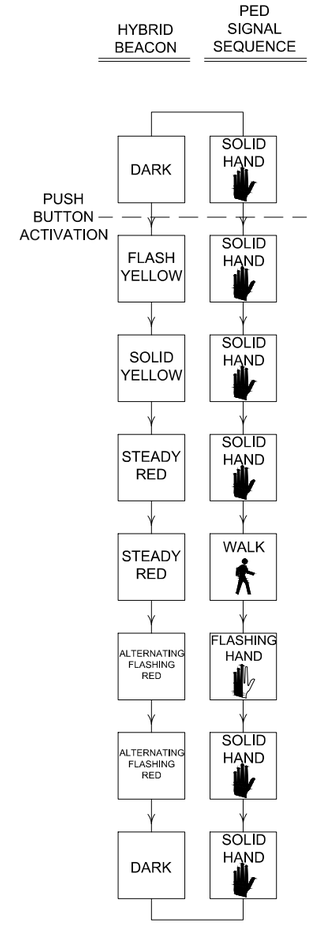
NOTES:
REFER TO CABQ STD. DWG. 2558, 2560, 2562C AND 2562D FOR INSTALLATION OF PEDESTAL POLES AND FOUNDATION.

LEGEND	MAST ARM TYPE	EQUIPMENT							POLE LOCATION
		↓	↓	↓	⩛	■	●	⧗	
MA1	ALB-2-30-0	0	0	3	0	0	0	0	28+32.07, 48.4' LT
MA2	ALB-2-35-0	0	0	3	0	0	0	0	29+02.95, 52.1' RT

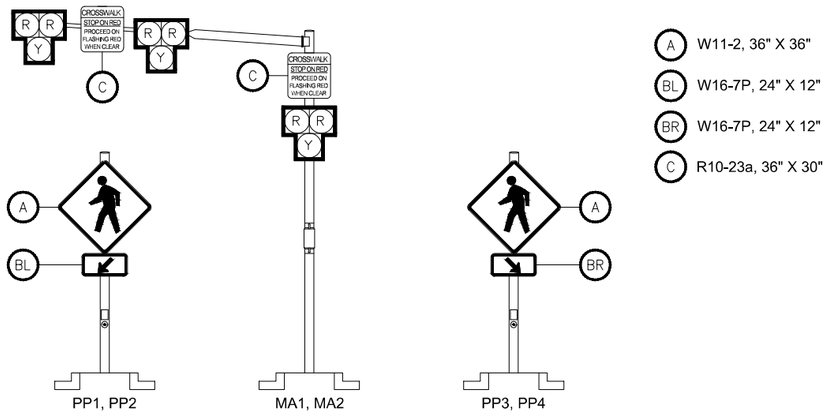
NOTES:
REFER TO CABQ STD. DWG. 2555, 2558, 2560, 2562A AND 2562B FOR INSTALLATION OF SIGNAL POLES AND FOUNDATION.



HYBRID BEACON — PED SIGNAL SEQUENCE

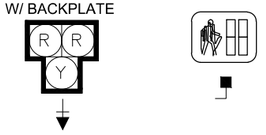


TYPICAL PEDESTAL POLE AND MASTARM SIGNAGE DETAILS



- (A) W11-2, 36" X 36"
- (BL) W16-7P, 24" X 12"
- (BR) W16-7P, 24" X 12"
- (C) R10-23a, 36" X 30"

TYPICAL SIGNAL FACE ASSEMBLIES AND LEGEND



ABBREVIATIONS

MA1	MAST ARM NUMBER
PP1	PEDESTAL POLE NUMBER
CC1	CONTROL CABINET
PB1	PULL BOX NUMBER
1A	SIGNAL HEAD NUMBER
P1	PEDESTRIAN SIGNAL NUMBER

NOTES

1. STATIONS AND OFFSETS REFER TO INDIAN SCHOOL ROAD ℄.
2. PULL BOXES ARE LARGE SIZE UNLESS OTHERWISE NOTED.

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CONSULTANTS

Parametrix
ENGINEERING PLANNING ENVIRONMENTAL SCIENCES
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BENCH MARKS
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DATUM: NAD 83
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Elev.=5283.222'

SEAL
ZACHARY S. TRONCOSO — NEW MEXICO — 25351 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION
		AS-BUILT INFORMATION
		CONTRACTOR:
		WORK STAKED BY: DATE:
		INSPECTOR'S ACCEPTANCE BY: DATE:
		FIELD VERIFICATION BY: DATE:
		DRAWINGS CORRECTED BY: DATE:

DESIGNED BY:
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & Q STREET
TRAFFIC SIGNAL PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 5-11

CONDUIT AND CONDUCTOR REQUIREMENTS							
RUN ID	SIZE/LENGTH		LCCATION	POWER	HOME-RUN	RING	BRANCH
##	2"	3"					
S1		620	XRISER TO METER	X			
S2		10	METER TO CC1	X			
1		15	CC1 TO PB1		X		
2		15	CC1 TO PB1		(SPARE - PULL STRING ONLY)		
3		40	PB1 TO PB2			X	
4		40	PB1 TO PB2		(SPARE - PULL STRING ONLY)		
5		60	PB2 TO PB3			X	
6		60	PB2 TO PB3		(SPARE - PULL STRING ONLY)		
7		100	PB3 TO PB4			X	
8		100	PB3 TO PB4		(SPARE - PULL STRING ONLY)		
9		40	PB4 TO PB5			X	
10		40	PB4 TO PB5		(SPARE - PULL STRING ONLY)		
11		60	PB5 TO PB6			X	
12		60	PB5 TO PB6		(SPARE - PULL STRING ONLY)		
13		85	PB6 TO PB1			X	
14		85	PB6 TO PB1		(SPARE - PULL STRING ONLY)		
15		20	PB4 TO MA1				X
16		5	PB4 TO PP1				X
17		10	PB5 TO PP4				X
18		20	PB5 TO PP3				X
19		10	PB6 TO PP2				X
20		10	PB1 TO MA2				X
CONDUIT (FT)		1505					
MCC5					20	415	105
MCC20					20	415	105
SCC#2				1920			
SCC#6				1920	40	830	210
SCC#8							
LOOP							

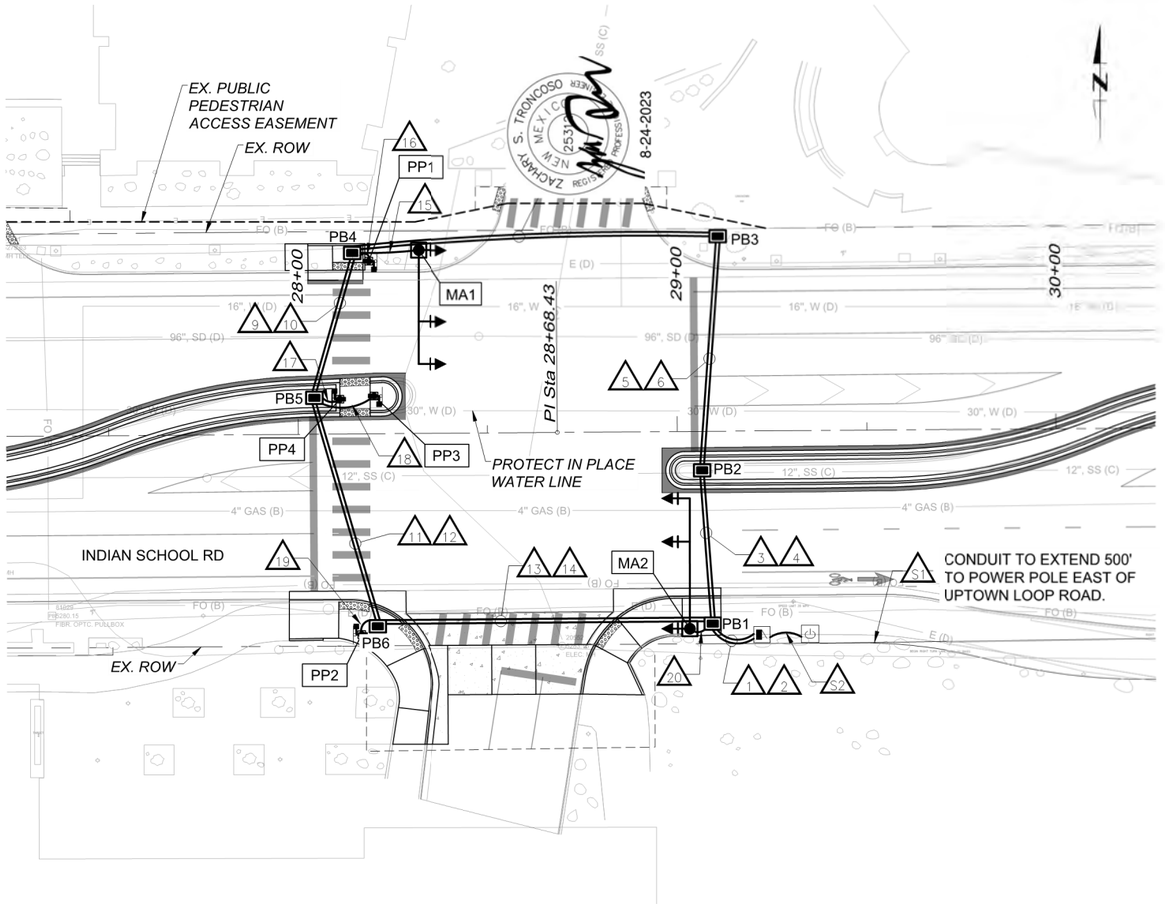
NOTES:

EXPLANATION OF POWER, HOME-RUN, AND BRANCH IS AS FOLLOWS:

POWER:	RISER TO METER HAS 3-SCC#2 AWG (STANDARD PNM WIRING), METER TO CC HAS 3-SCC#6
HOME-RUN:	1-MCC5, 1-MCC20 AND 2-SCC#6 WHITE & GREEN
RING:	1-MCC5, 1-MCC20 AND 2-SCC#6 WHITE & GREEN
BRANCH:	1-MCC5, 1-MCC20 AND 2-SCC#6 WHITE & GREEN

CONDUCTORS FROM BASE OF POLES TO EQUIPMENTS ON MAST ARMS		
CONDUCTOR TYPE/LENGTH		
POLE	MCC5	LOOP LEAD-IN*
MA1	3	0
MA2	3	0
PP1	1	1
PP2	1	1
PP3	1	1
PP4	1	1
TOTAL LENGTH (FT)	290	40

* FOR PEDESTRIAN PUSH BUTTONS, LOOP LEAD-IN CABLE SHALL BE TWISTED PAIR.



20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1" = 40' (11"x17") PLOT

ABBREVIATIONS

MA1	MAST ARM NUMBER
PP1	PEDESTAL POLE NUMBER
CC1	CONTROL CABINET
PB1	PULL BOX NUMBER
1A	SIGNAL HEAD NUMBER
P1	PEDESTRIAN SIGNAL NUMBER

NOTES

1. STATIONS AND OFFSETS REFER TO INDIAN SCHOOL ROAD ℄.
2. NEW PULL BOXES PB1, PB2, PB3, PB4, PB5, AND PB6 ARE ALL LARGE SIZE.

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CONSULTANTS

Parametrix

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED '20-H18 1969'. THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
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Elev =5283.222'

SEAL

S. TRONCOSO NEW MEXICO 25312 PROFESSIONAL ENGINEER ZACHARY 8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY:	DATE:
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & Q STREET
TRAFFIC SIGNAL CABLES & CONDUITS - I

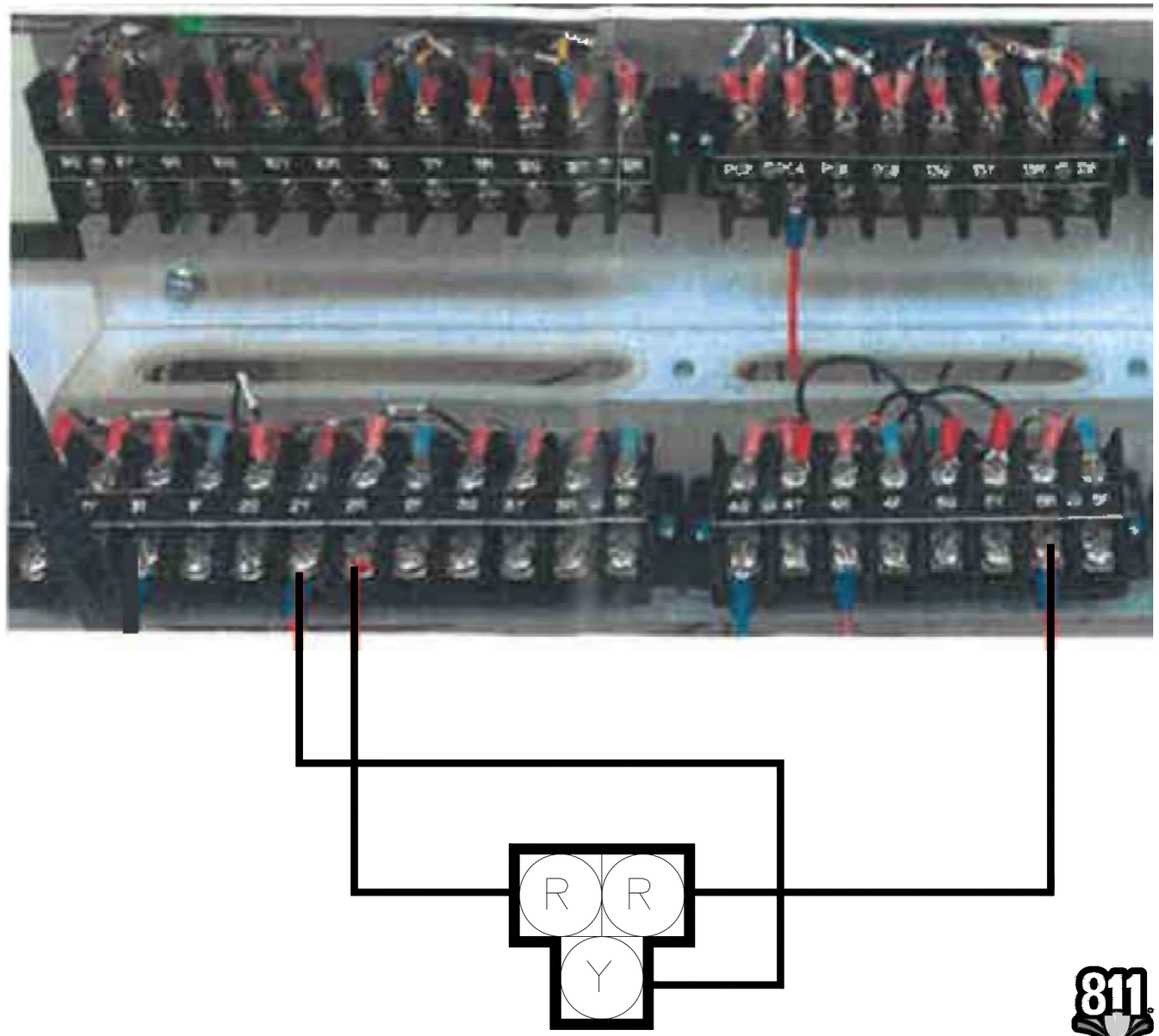
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 5-12

FUNCTION CHART - 115 VOLT CIRCUIT 1/

CONDUCTOR		RING 1 - MCC20 2/
BASE COLOR	TRACER	FIELD CONNECTION
BLACK	-	SPARE
WHITE	-	SPARE
RED	-	PHASE 1 RED
GREEN	-	PHASE 1 GREEN
ORANGE	-	PHASE 1 YELLOW
BLUE	-	SPARE
WHITE	BLACK	SPARE
RED	BLACK	PHASE 2 RED
GREEN	BLACK	PHASE 2 GREEN
ORANGE	BLACK	PHASE 2 YELLOW
BLUE	BLACK	PHASE 2 WALK
BLACK	WHITE	PHASE 2 DON'T WALK
RED	WHITE	PHASE 3 RED
GREEN	WHITE	PHASE 3 GREEN
BLUE	WHITE	PHASE 3 YELLOW
BLACK	RED	PHASE 4 RED
WHITE	RED	PHASE 4 GREEN
ORANGE	RED	PHASE 4 YELLOW
BLUE	RED	PHASE 4 WALK
RED	GREEN	PHASE 4 DON'T WALK

FUNCTION CHART - 24 VOLT CIRCUIT 3/

TWISTED PAIR - PUSH BUTTONS	
BASE COLOR	FIELD CONNECTION
BLACK	PHASE 4 PEDESTRIAN
WHITE	COMMON
RED	SPARE
GREEN	SPARE
ORANGE	SPARE



PHASE 2 HAWK

ABBREVIATIONS

MCC MULTI-CONDUCTOR CABLE

WIRING REQUIREMENTS

1. AT THE BASE OF SIGNAL POLE, SPLICE ONE (1) MCC20 CABLE WITH SIGNAL & PEDESTRIAN HEAD CABLES.
2. AT THE ADJACENT PULL BOX, SPLICE ONE (1) MCC20 CABLE COMING FROM BASE OF SIGNAL POLE WITH TWO (2) MCC20 CABLE RINGS.
3. SPLICING AT THE BASE OF POLE AND AT THE ADJACENT PULL BOX SHALL BE DONE PER THE COLOR SCHEME SHOWN IN THE FUNCTION CHARTS ON THIS SHEET.

NOTES:

1/ IDENTIFY CONDUCTORS LISTED AS "115 VOLTS".

2/ MARK RING 1 CABLE AT EACH SPLICE POINT WITH 1 PIECE OF WHITE ELECTRICAL TAPE.

3/ IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

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CONSULTANTS

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SEAL

8-24-2023

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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

INDIAN SCHOOL RD & Q STREET
TRAFFIC SIGNAL CABLES & CONDUITS - II

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 6097.31
SHEET NO. 5-13

QUANTITIES

BID ITEM #	ITEM ID NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	422.132	STREET LIGHT STANDARD, ANY SIZE, REMOVE & RELOCATE, COMPL	EA	1
2	422.341	TYPE IV STEEL ITS 40' POLE (FOR PTZ CAMERAS), CIP.	EA	2
3	423.022	FOUNDATION FOR 40' TYPE IV ITS POLE	EA	3
4	424.012	ELECTRICAL CONDUIT, 3" INCL. TRENCHING, BACKFILL PATCHING, PUSHING, BORING & JACKING, CIP.	LF	1965
5	425.002	ELECTRICAL PULL BOX, (STANDARD), CIP.	EA	1
6	425.003	ELECTRICAL PULL BOX, (LARGE), CIP.	EA	1
7	425.004	INSTALL NEW TYPE C SIGNAL PULLBOX	EA	1
8	425.021	ITS SPLICE VAULT, CIP	EA	3
9	428.210	INSTALL CCTV (PTZ) CAMERA INCLUDING MOUNT, CIP.	EA	3
10	429.001	TRAFFIC ACTUATED CONTROLLER, CIP.	EA	2
11	429.016	EXTERNAL FSK MODEM	EA	2
12	429.130	REMOVE AND RELOCATE ANY INTELLIGENT TRANSPORTATION SYSTEM (ITS) DEVICE	EA	1
13	435.006	SINGLE MODE FIBER OPTIC CABLE (6)	LF	635
14	435.048	SINGLE MODE FIBER OPTIC CABLE (48)	LF	2485
15	435.600	SPLICE CLOSURE, WITH CABLE SPLICE	EA	3
16	435.610	EXISTING SPLICE CLOSURE RESPLICE	EA	1
17	435.702	MANAGED FIELD ETHERNET SWITCH (FS)	EA	3
18	435.850	WIRELESS SIGNAL COMMUNICATION SYSTEM	LS	1
19	438.001	GIS DOCUMENTATION	LS	1

CONDUIT INSTALLATION NOTES

1. CONTRACTOR SHALL REPLACE, IN-KIND, ANY INFRASTRUCTURE REMOVED OR DAMAGED DURING THE INSTALLATION OF CONDUIT. THIS SHALL BE INCIDENTAL TO ITEM NUMBER 424.012. THESE MAY INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING ITEMS:
   a. PAVEMENT-ARTERIAL
   b. CURB RAMPS REPLACED IN FULL INCLUDING TRUNCATED DOMES
   c. CURB AND GUTTER
   d. SIDEWALK
   e. VALLEY GUTTER
   f. DRIVEWAY
   g. PAVING PRIVATE ENTRANCE.
2. CONTRACTOR TO NOTIFY PROJECT MANAGER REGARDING UTILITY LOCATES THAT MAY CONFLICT WITH PLACEMENT OF CONDUIT, PULL BOXES, AND SPLICE VAULTS. THIS SHALL BE INCIDENTAL TO ITEM NUMBERS 424.012, 425.004 AND 425.021.
3. CONDUIT SHALL BE INSTALLED PRIMARILY BY BORING / JACKING. TRENCHING INSTALLATION OF CONDUIT MAY BE USED FOR SHORT RUNS, WHERE BORING / JACKING ARE IMPRACTICAL, OR WHERE AUTHORIZED BY THE CITY PROJECT ENGINEER.
4. THE PLACEMENT OF THE RIGID METAL CONDUIT MUST BE REVIEWED BY THE PROJECT MANAGER. THE BEND RADII OF THE CONDUIT MUST BE CONSISTENT WITH THE FIBER OPTIC SPECIFICATION. THE RIGID METAL CONDUIT SHALL HAVE EXPANSION JOINTS MATCHING THE LOCATION OF EXPANSION JOINTS ON THE BRIDGE IT IS MOUNTED ON. ANY METAL CONDUIT IN THE GROUND SHALL BE WRAPPED IN PVC TAPE TO RESIST CORROSION. THIS SHALL BE INCIDENTAL TO ITEM NUMBER 424.012.
5. AN EXCESS OF 20 FT OF FIBER CABLING SHALL BE COILED IN EACH PULL BOX. AT SPLICE VAULTS AND MANHOLE SPLICE LOCATIONS, THE COILED FIBER CABLING LENGTH SHALL BE 50FT FOR EACH CABLE ENTRY INTO THE VAULT, REGARDLESS OF WHETHER THERE IS A PROPOSED SPLICE CLOSURE AT THE LOCATION. THIS SHALL BE INCIDENTAL TO ITEM NUMBERS 425.004, 425.021, AND 429.300 RESPECTIVELY.

KEY NOTE CALL OUTS

1. EXISTING CONDUIT
2. EXISTING CONDUIT, ABANDON IN PLACE
3. EXISTING SPLICE VAULT / MANHOLE
4. EXISTING PULL BOX
5. EXISTING TRAFFIC SIGNAL CABINET
6. EXISTING TRAFFIC SIGNAL POLE
7. EXISTING COMMUNICATION CABLE OR INFRASTRUCTURE, PROTECT IN PLACE
8. EXISTING CONDUCTORS TO REMAIN
9. EXISTING SPLICE CLOSURE, RESPLICE
10. REMOVE & REPLACE EXISTING PULL BOX WITH NEW STANDARD PULL BOX
11. REMOVE & REPLACE EXISTING PULL BOX WITH NEW LARGE PULL BOX
12. REMOVE & REPLACE EXISTING PULL BOX / MANHOLE WITH NEW SPLICE VAULT
13. REMOVE & RELOCATE EXISTING TYPE IV STEEL ITS POLE AND CCTV CAMERA/CABLING
14. INSTALL EXISTING TYPE IV STEEL ITS POLE AND CCTV CAMERA/CABLING, WITH FOUNDATION
15. INSTALL TYPE IV STEEL ITS POLE, WITH FOUNDATION
16. INSTALL CCTV (PTZ) CAMERA
17. INSTALL CCTV CABLING
18. INSTALL 3" CONDUIT
19. INSTALL TYPE C PULL BOX
20. INSTALL SPLICE VAULT
21. INSTALL SPLICE CLOSURE WITH CABLE SPLICE
22. FIBER OPTIC CABLE RESPLICE, SEE SPLICE DETAILS
23. INSTALL 6 SMFO CABLE WITH TRACER WIRE
24. INSTALL 48 SMFO CABLE WITH TRACER WIRE
25. INSTALL EQUIPMENT SEE SHEET 5-11
26. INSTALL 3" CONDUIT, SEE SIGNAL SHEETS
27. INSTALL PULLBOX, SEE SIGNAL SHEETS
28. INSTALL TRAFFIC SIGNAL CABINET, SEE SIGNAL SHEETS

LEGEND

EXISTING	NEW	ITEM NAME
SC		SPLICE CABINET
		TRAFFIC SIGNAL CABINET
		SPLICE VAULT
		PULLBOX
		TYPE C PULLBOX
M		POWER METER PEDESTAL
MH		TRAFFIC MANHOLE
		TYPE II MASTARM
		TYPE III MASTARM
		TRAFFIC SIGNAL PEDESTAL POLE
		PEDESTRIAN SIGNAL
		PRESENCE DETECTION VIDEO
		ADVANCE DETECTION RADAR
		PRESENCE DETECTION RADAR
		CCTV
		TYPE IV ITS POLE
		CONDUIT
		R.O.W.

ITS EQUIPMENT REQUIREMENTS

1. THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
   A. ALL TRAFFIC SIGNAL CONTROLLERS SUPPLIED FOR THIS PROJECT SHALL BE 8 PHASE CONTROLLERS ACCORDING TO CITY OF ALBUQUERQUE SPECIFICATION 429 AND SUPPLEMENTAL TECHNICAL SPECIFICATION 429.010.
2. CCTV (PTZ) CAMERAS SUPPLIED FOR THIS PROJECT SHALL BE AXIS Q6315-LE PTZ PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
3. MANAGED FIELD ETHERNET SWITCH (FS) SHALL BE ETHERWAN EX78924E-0VB 8-port 10/100/1000BASE-T(X) PoE + 4-port 100/1000BASE SFP.
4. WIRELESS SIGNAL COMMUNICATION DEVICES SHALL BE ITERIS VANTAGEPEGASUS 5.8 GHz PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

Approved by Albuquerque City Engineer and Design Review Committee on 11/22/2023

CONSULTANTS
LEE ENGINEERING
8220 SAN PEDRO DRIVE NE, SUITE 150
ALBUQUERQUE, NM 87113
PHONE: 505-338-0989

BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL
PAUL A. BARRICKLOW
NEW MEXICO
17744
LICENSED PROFESSIONAL ENGINEER
11/08/2023

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811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

DESIGNED BY: JP
DRAWN BY: JP
CHECKED BY: PB
DATE 11/2023

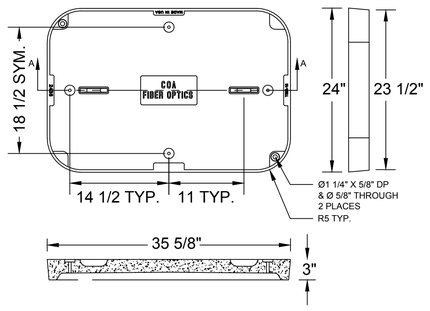
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN PEDESTRIAN MODIFICATIONS

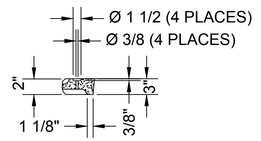
QUANTITIES AND LEGEND

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

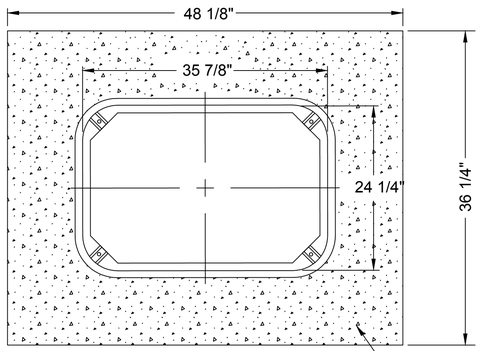
ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 9043.17
SHEET NO. 5-14



SECTION A-A - POLYMER CONCRETE COVER

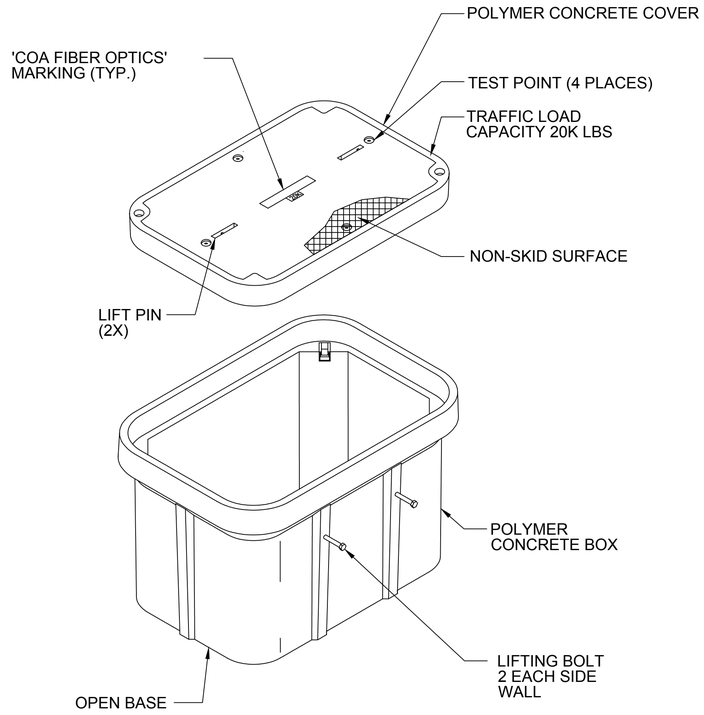


DETAIL B

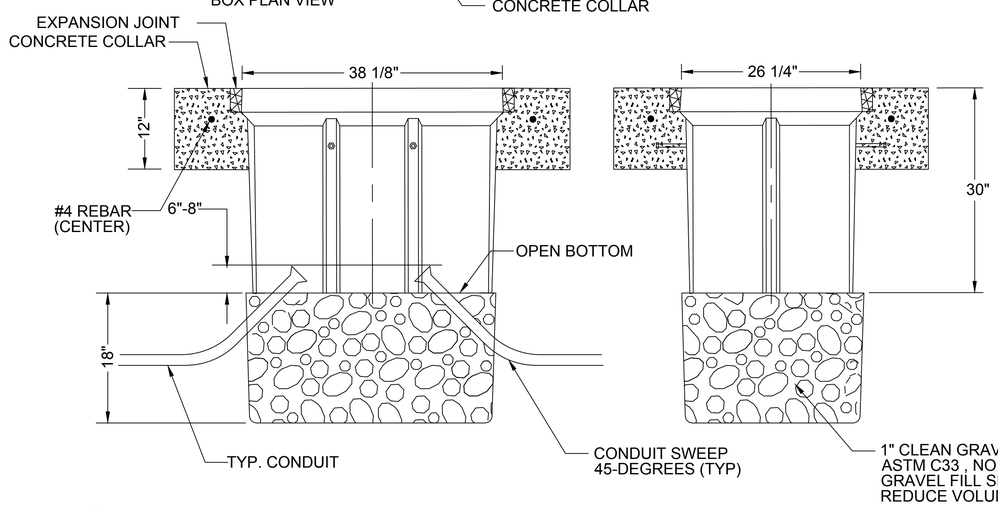


POLYMER CONCRETE
BOX PLAN VIEW

CONCRETE COLLAR



APPROX. WT. 376 LBS.



SIDE VIEW

END VIEW

Approved by Albuquerque
City Engineer and Design
Review Committee, [illegible]

POLYMER MORTAR PULL BOX AND COVER NOTES:

1. MATERIAL TO BE AN AGGREGATE CONSISTING OF SAND AND GRAVEL BOUND TOGETHER WITH A POLYMER AND REINFORCED WITH CONTINUOUS WOVEN GLASS STRANDS. THE MATERIAL MUST HAVE THE FOLLOWING MECHANICAL PROPERTIES: COMPRESSIVE STRENGTH - 11,000 PSI, TENSILE STRENGTH - 1,700 PSI, FLEXURAL STRENGTH - 7,500 PSI.
2. ALL PULL BOX COVERS SHALL BE HEAVY DUTY REINFORCED POLYMER MORTAR, HAVING A SERVICE LOAD OF 22,568 LBS OVER 10" SQUARE(225 PSI).
3. PULL BOX MARKINGS SHALL BE APPROVED BY THE PROJECT MANAGER.
4. THE DIMENSIONS OF THE PULL BOXES ARE NOMINAL DIMENSIONS AND MAY VARY AS TO THE MANUFACTURER'S RECOMMENDATIONS. ALL DIMENSIONS SHALL BE VERIFIED BY THE PROJECT MANAGER.
5. ELECTRICAL PULL BOX SHALL BE A HEAVY DUTY REINFORCED POLYMER MORTAR PULL BOX AND COVER MEASURING 24" X 35 5/8" X 3".
6. ATTACH A $\frac{1}{4}$" X 20 BOLT THROUGH EACH TEST POINT TO THE TRACER FASTENED WITH THE MECHANICAL LUG.
7. ATTACH THE TRACER WIRE TO THE CORRESPONDING MECHANICAL LUG.

CONCRETE COLLAR NOTES:

1. ELEVATION OF TOP OF PULL BOX SHALL BE FLUSH WITH TOP OF CURB, OR PAVEMENT EDGE IN LOCATIONS WITHOUT CURB.
2. THE CONCRETE IN THE COLLAR SHALL BE PER SEC 101, EXTERIOR CONCRETE, f'c=3000 PSI AT 28 DAYS
3. THE CONCRETE COLLAR IS CONSIDERED INCIDENTAL TO THE PULL BOX BID ITEM.
4. THE EXPANSION JOINT IS CONSIDERED INCIDENTAL TO THE SPLICE VAULT BID ITEM.

CONSULTANTS

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BENCH MARKS

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811
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SYSTEM SEVEN (7) DAYS
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DRAWN BY: JP
CHECKED BY: PB
DATE 11/2023

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN PEDESTRIAN MODIFICATIONS

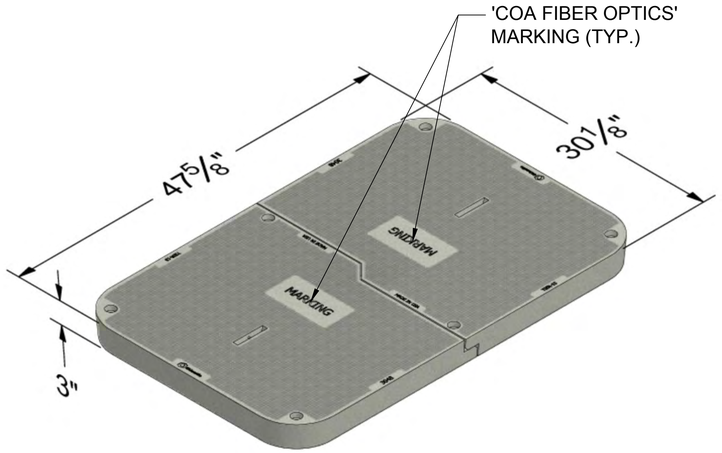
TYPE C PULLBOX DETAIL

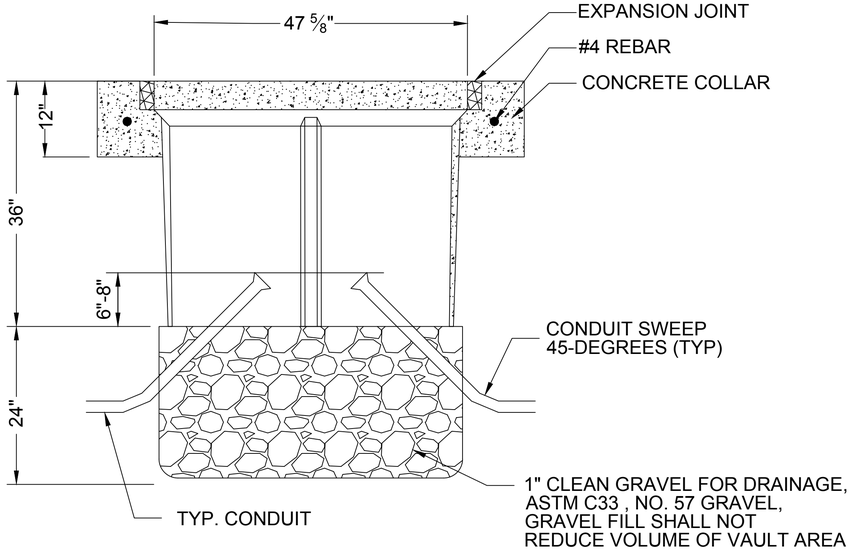
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

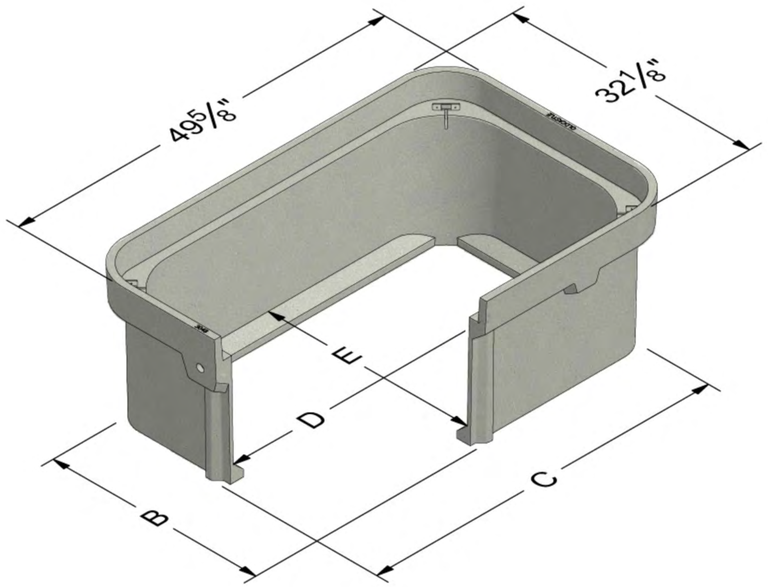
ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
9043.17

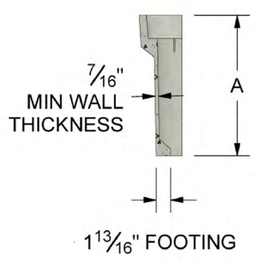
SHEET NO.
5-15







B	C	D	E
29	46-1/2	44-1/8	26-5/8




Lifting Strap Detail


Bolt Down Detail

POLYMER MORTAR VAULT AND COVER NOTES:

1. MATERIAL TO BE AN AGGREGATE CONSISTING OF SAND AND GRAVEL BOUND TOGETHER WITH A POLYMER AND REINFORCED WITH CONTINUOUS WOVEN GLASS STRANDS. THE MATERIAL MUST HAVE THE FOLLOWING MECHANICAL PROPERTIES: COMPRESSIVE STRENGTH - 11,000 PSI, TENSILE STRENGTH - 1,700 PSI, FLEXURAL STRENGTH - 7,500 PSI.
2. ALL VAULT COVERS SHALL BE HEAVY DUTY REINFORCED POLYMER MORTAR, HAVING A SERVICE LOAD OF 22,568 LBS OVER 10" SQUARE(225 PSI).
3. VAULT MARKINGS SHALL BE APPROVED BY THE PROJECT MANAGER.
4. THE DIMENSIONS OF THE VAULT ARE NOMINAL DIMENSIONS AND MAY VARY AS TO THE MANUFACTURER'S RECOMMENDATIONS. ALL DIMENSIONS SHALL BE VERIFIED BY THE PROJECT MANAGER.
5. VAULT SHALL HAVE A TWO-PIECE COVER.

CONCRETE COLLAR NOTES:

1. ELEVATION OF TOP OF VAULT SHALL BE FLUSH WITH TOP OF CURB, OR PAVEMENT EDGE IN LOCATIONS WITHOUT CURB.
2. THE CONCRETE IN THE COLLAR SHALL BE PER SEC 101, EXTERIOR CONCRETE, f'c=3000 PSI AT 28 DAYS
3. THE CONCRETE COLLAR IS CONSIDERED INCIDENTAL TO THE SPLICE VAULT BID ITEM.
4. THE EXPANSION JOINT IS CONSIDERED INCIDENTAL TO THE SPLICE VAULT BID ITEM.

Approved by Albuquerque
City Engineer and Design
Review Committee, AUG 11, 2023.

CONSULTANTS
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CITY OF ALBUQUERQUE
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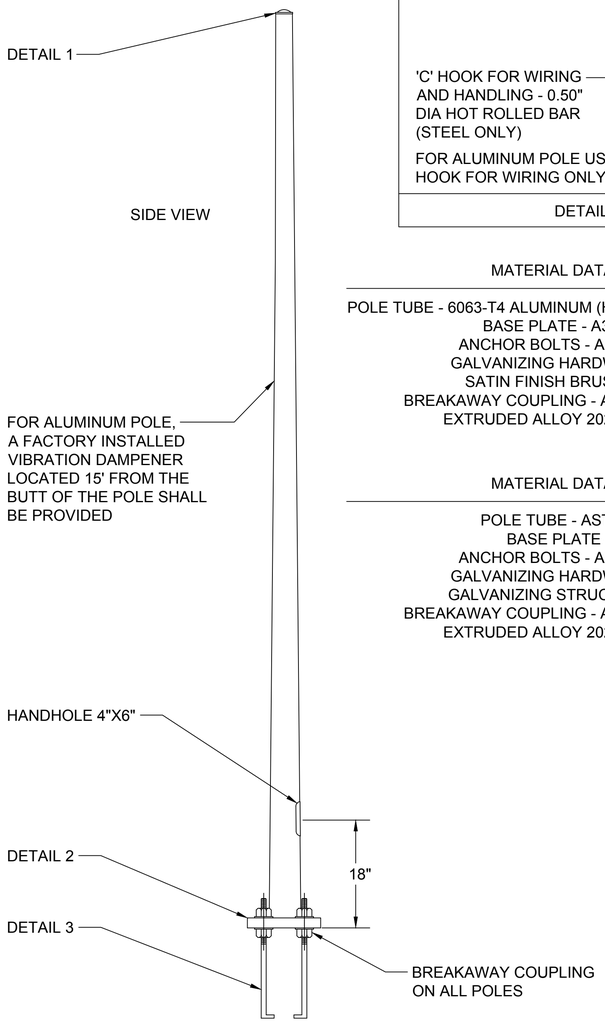
ENGINEERING DIVISION

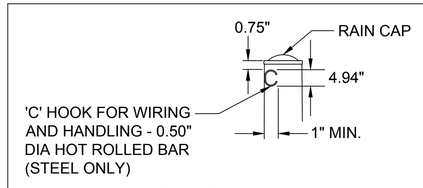
UPTOWN PEDESTRIAN MODIFICATIONS

SPLICE VAULT DETAIL

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 9043.17
SHEET NO. 5-16





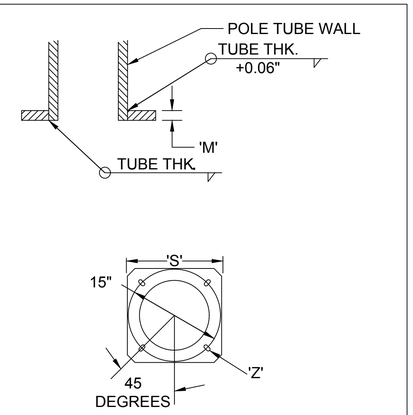
DETAIL 1 - POLE TOP

MATERIAL DATA FOR ITS-25:

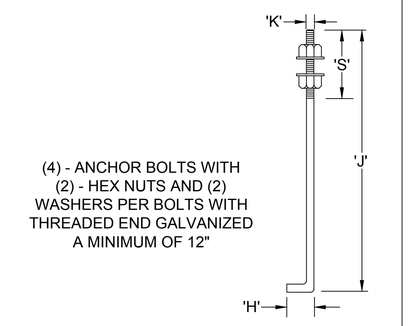
POLE TUBE - 6063-T4 ALUMINUM (HEATED TO T6 AFTER WELDING)
BASE PLATE - A356 ALUMINUM
ANCHOR BOLTS - ASTM F1554 GR. 55
GALVANIZING HARDWARE - ASTM A153
SATIN FINISH BRUSHED ALUMINUM
BREAKAWAY COUPLING - ALLOY 380 ASTM B-85 OR EXTRUDED ALLOY 2024-T8511 ASTM A-153

MATERIAL DATA FOR ITS-40:

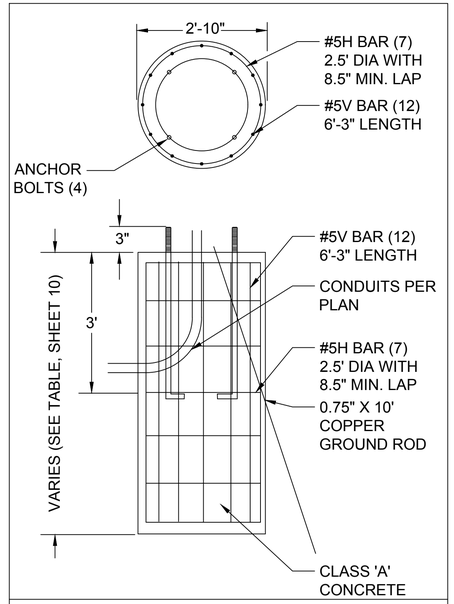
POLE TUBE - ASTM A 595 GR. A
BASE PLATE - ASTM A36
ANCHOR BOLTS - ASTM F1554 GR. 55
GALVANIZING HARDWARE - ASTM A153
GALVANIZING STRUCTURE - ASTM A123
BREAKAWAY COUPLING - ALLOY 380 ASTM B-85 OR EXTRUDED ALLOY 2024-T8511 ASTM A-153



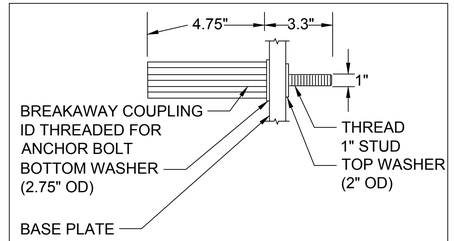
DETAIL 2 - POLE BASE



DETAIL 3 - ANCHOR BOLTS



FOUNDATION DETAILS



MINIMUM TENSILE STRENGTH - 25 KIPS.
RESTRAINED SHEAR MIN 30 KIPS, MAX 7.5 KIPS.
NUT TORQUE 175 FT-LBS

BREAKAWAY COUPLING

POLE DATA

	POLE TUBE				POLE BASE				ANCHOR BOLTS			
TYPE	BASE DIA.	TOP DIA	LENGTH (FT)	GAUGE	BOLT CIRCLE	'S' (IN)	'M' (IN)	'Z' SLOT (IN)	'K' (IN)	'J' (IN)	'H' (IN)	'U' (IN)
ITS 25 (ALUMINUM)	10"	6"	25'	*	15"	14"	1"	1.38" X 2.19"	1"	36"	4"	6"
ITS 40 (STEEL)	11"	7.5"	40'	7	15"	16"	1"	1.13" X 1.94"	1"	36"	4"	6"

*6063-T4 ALUMINUM TUBE HEAT TREATED TO T6 CONDITION AFTER WELDING

CONSULTANTS
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DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN PEDESTRIAN MODIFICATIONS

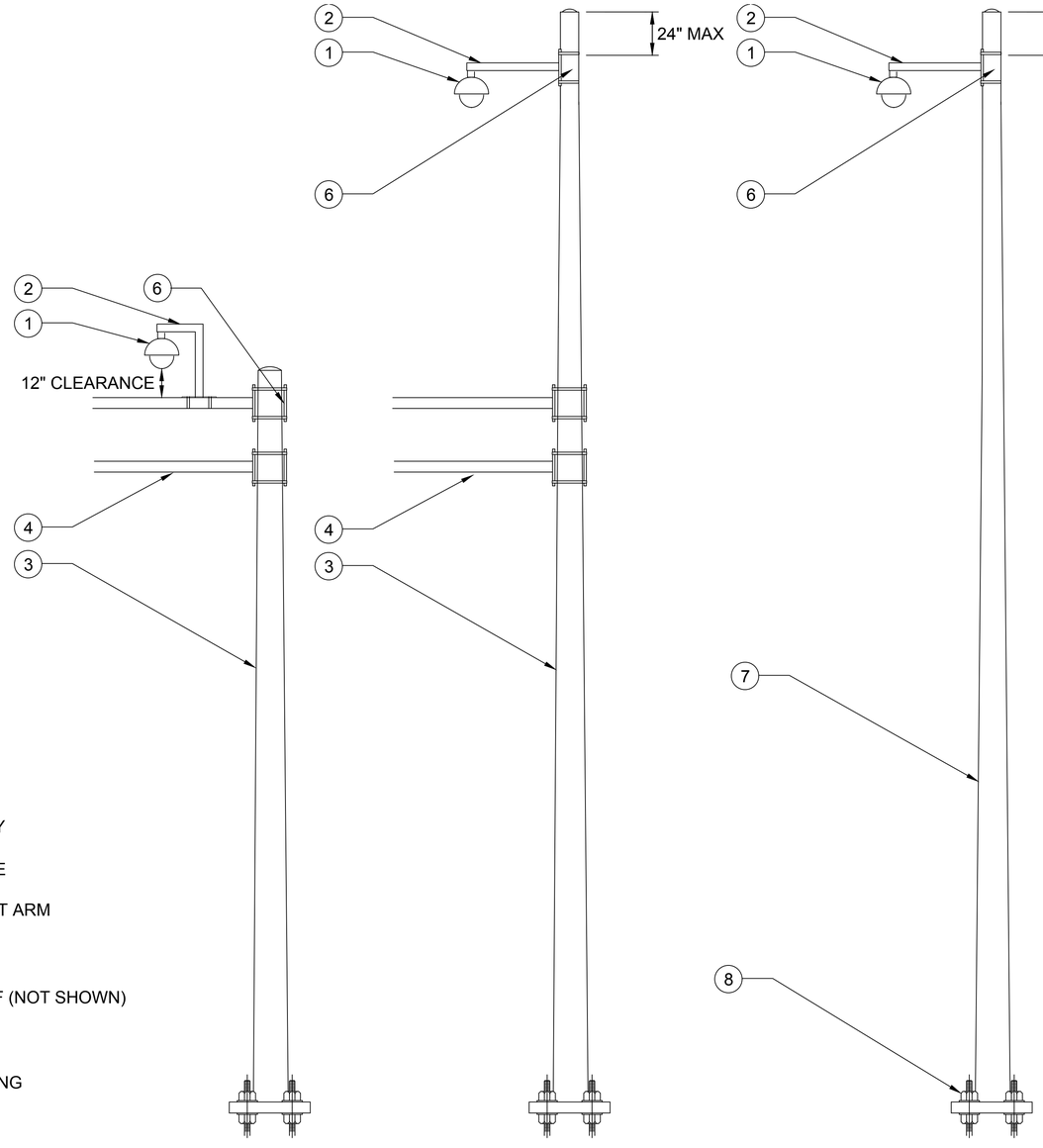
TYPE IV ITS POLE DETAIL

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
9043.17

SHEET NO.
5-17



NTS NTS NTS

1. DOME CCTV UNIT
2. MOUNTING ASSEMBLY
3. TRAFFIC SIGNAL POLE
4. TRAFFIC SIGNAL MAST ARM
5. DELETED
6. CABLE STRAIN RELIEF (NOT SHOWN)
7. ITS POLE
8. BREAK AWAY COUPLING

CCTV INSTALLATION NOTES:

1. CCTV MOUNTING ASSEMBLY SHALL BE SECURED WITH A MINIMUM OF 2 BANDING STRAPS. THE MOUNTING ASSEMBLY OR ARM SHALL BE POINTED TOWARD CENTER OF INTERSECTION.
2. CCTV MOUNTING ON MAST ARM SHALL INCLUDE A 1 1/2" NPT FITTING BANDED TO THE END OF THE MAST ARM.
3. THE CABLING SHALL BE CONTAINED INSIDE OF THE POLE. A HOLE SHALL BE DRILLED IN THE POLE FOR CABLING TO EXIT THE POLE AND FEED THROUGH THE MOUNTING ASSEMBLY. THE HOLE SHALL BE SEALED TO PREVENT ANY WATER FROM ENTERING THE POLE. CABLING WITHIN THE POLE SHALL HAVE CABLE STRAIN RELIEF AT THE TOP TO PREVENT THE CABLE TENSION FROM PULLING ON THE EQUIPMENT.
4. ALL WORK TO BE PERFORMED IN THE CABINET SHALL BE COORDINATED AND SUPERVISED BY THE CITY.
5. CCTV CAMERA SHALL BE MOUNTED WITHIN ONE DEGREE OF LEVEL ON BOTH HORIZONTAL AXIS.
6. ALL CABLING SHALL RUN UNSPLICED FROM THE CCTV CAMERA TO THE CONTROL CABINET.

CONSULTANTS

LEE ENGINEERING
8220 SAN PEDRO DRIVE NE, SUITE 150
ALBUQUERQUE, NM 87113
PHONE: 505-338-0989

BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88).
Elev.=5283.222'

SEAL

FOR INFORMATION ONLY

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811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

DESIGNED BY: JP
DRAWN BY: JP
CHECKED BY: PB
DATE 11/2023

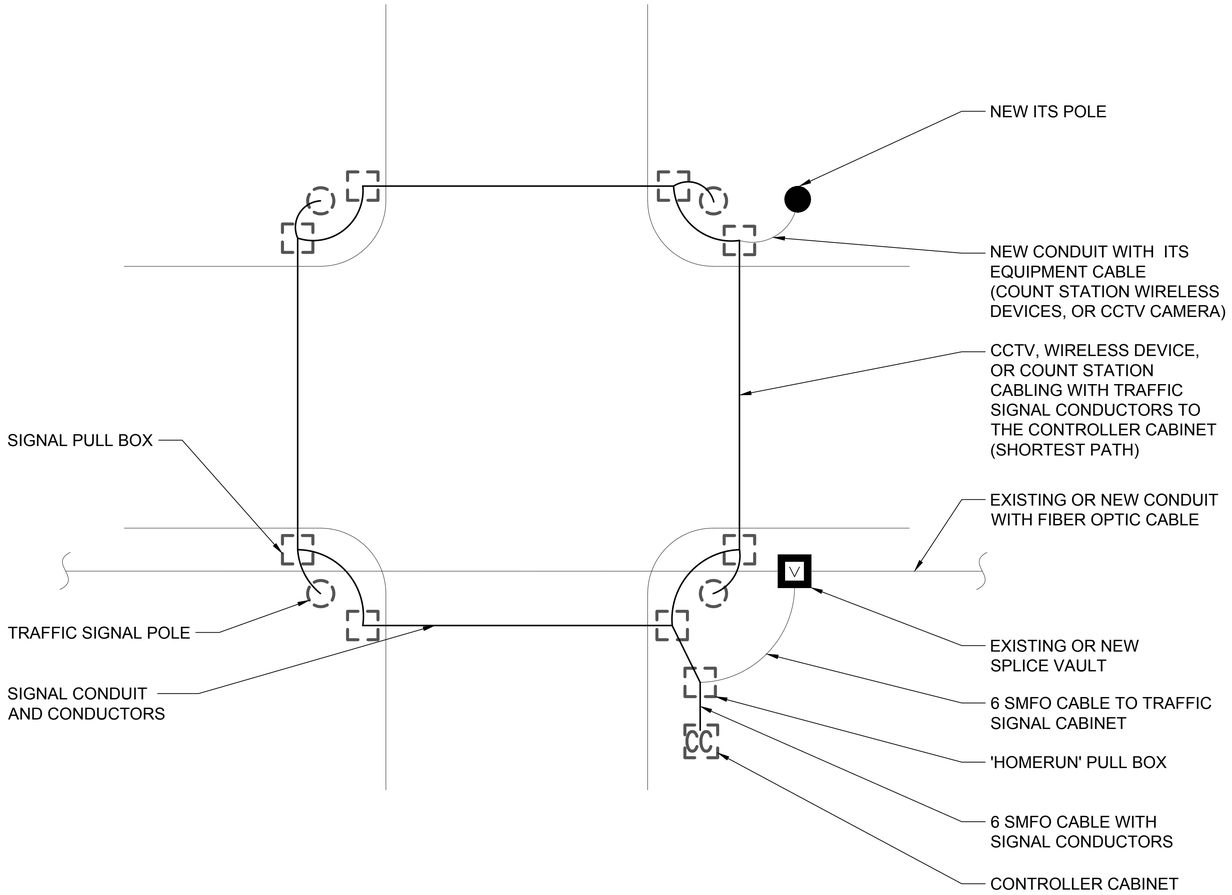
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN PEDESTRIAN MODIFICATIONS

CCTV CAMERA DETAIL

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 9043.17
SHEET NO. 5-18



THE FOLLOWING NOTES IDENTIFY TYPICAL INSTALLATION INFORMATION FOR ITS EQUIPMENT AROUND THE INTERSECTION TO CONFORM TO CITY STANDARDS FOR ITS INSTALLATION.

ALL INFRATRUCTURE SHALL BE INSTALLED WITHIN THE CITY RIGHT-OF-WAY AND AS SHOWN ON THE PLANS.

UNLESS OTHERWISE NOTED, ALL EXISTING SIGNAL WIRING AND CONDUCTOR SHALL REMAIN IN PLACE.

1. SPLICE VAULT:
   A. THE SPLICE VAULT SHALL BE INSTALLED WITHIN THE CITY RIGHT OF WAY WITHIN CLOSE PROXIMITY TO THE INTERSECTION.
   B. CONTRACTOR SHALL PROVIDE 50 FEET OF CABLE SLACK FOR EACH CABLE ENTERING OR EXITING THE VAULT.
   C. SEE SPLICE DIAGRAMS FOR FIBER OPTIC CABLE CONNECTIONS.

2. CONDUIT AND FIBER TRUNK FIBER CABLE:
   A. WHERE POSSIBLE, THE TRUNK FIBER OPTIC CABLE (96 SMFO OR 24 SMFO) SHOULD NOT BE MIXED WITH THE TRAFFIC SIGNAL CONDUIT AND CONDUCTORS.
   B. IN THE EVENT THAT THE FIBER OPTIC CABLE AND THE TRAFFIC SIGNAL CONDUCTORS EXIST IN THE SAME CONDUIT, THE FIBER OPTIC CABLE SHALL BE CLEARLY LABELED AND IDENTIFIED IN EACH PULL BOX.
   C. FIBER TRUNK CABLES MAY BE MIXED WITH OTHER ITS EQUIPMENT CABLES (CCTV OR COUNT STATION CABLING) AS SHOWN IN THE DESIGN.

3. CONDUIT AND BRANCH FIBER CABLE:
   A. WHERE POSSIBLE, THE 6 SMFO CABLE SHALL BE CONTAINED WITHIN ITS OWN CONDUIT, SEPARATE FROM TRAFFIC SIGNAL CONDUCTORS.
   B. LOCATIONS WHERE THIS IS NOT POSSIBLE MAY INCLUDE CONNECTIONS FROM THE 'HOMERUN' TRAFFIC SIGNAL PULL BOX TO THE CONTROLLER CABINET.
   C. IN THE EVENT THAT THE FIBER OPTIC CABLE AND THE TRAFFIC SIGNAL CONDUCTORS EXIST IN THE SAME CONDUIT, THE FIBER OPTIC CABLE SHALL BE CLEARLY LABELED AND IDENTIFIED.

4. TRAFFIC SIGNAL POLES:
   A. FIBER OPTIC CABLES SHALL NOT RUN THROUGH THE BASES OF TRAFFIC SIGNAL POLES UNDER ANY CIRCUMSTANCES.
   B. IF IT IS FOUND THAT EXISTING COMMUNICATION CABLE IS ROUTED THROUGH THE TRAFFIC SIGNAL POLE, A DESIGN CHANGE WILL NEED TO BE MADE.
   C. CCTV CAMERA OR WIRELESS COMMUNICATION DEVICES MAY BE MOUNTED TO EXISTING TRAFFIC SIGNAL POLES. CABLES ASSOCIATED WITH THESE DEVICES CAN BE RUN THROUGH THE SIGNAL CONDUIT TO THE CONTROLLER CABINET.

5. NEW ITS POLES (CCTV OR COUNT STATION):
   A. NEW ITS POLES SHALL BE INSTALLED AS SHOWN ON THE PLANS.
   B. CABLING ASSOCIATED WITH THE ITS DEVICES MAY RUN THROUGH EXISTING TRAFFIC SIGNAL CONDUIT OR FIBER OPTIC CONDUIT (SHORTEST PATH) BACK TO THE CONTROLLER CABINET.

CONSULTANTS
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DATE 11/2023

811
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

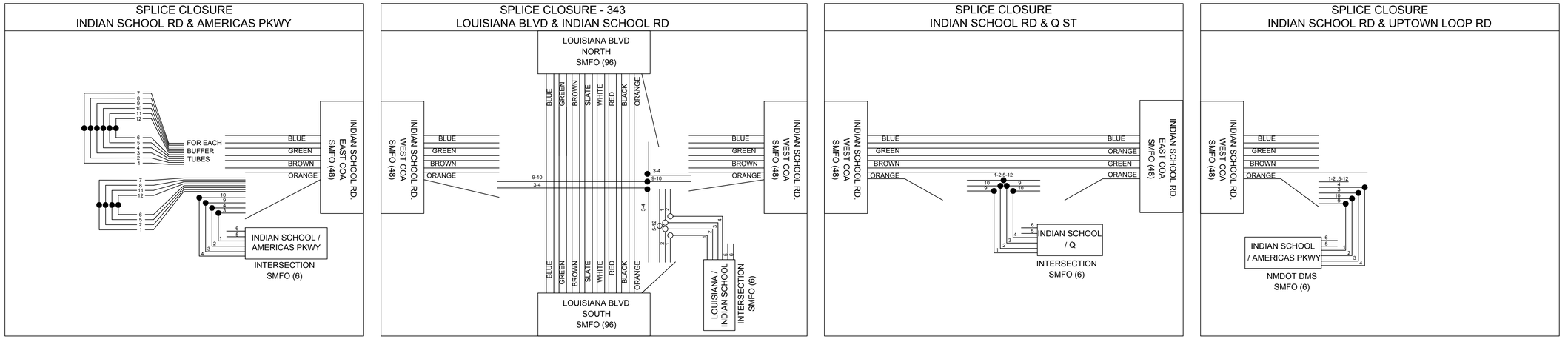
UPTOWN PEDESTRIAN MODIFICATIONS

TYPICAL ITS INTERSECTION DETAIL

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 9043.17
SHEET NO. 5-19

FIBER SPLICE DETAILS



LEGEND:

- ○ EXISTING FUSION SPLICE
- ● NEW FUSION SPLICE

INDEX OF COMMUNICATION EQUIPMENT

SHEET	CORRIDOR	LOCATION	ITS SPLICE VAULT	SPLICE CLOSURE W/ CABLE SPLICE	EXISTING SPLICE CLOSURE RESPLICE	MANAGED FIELD ETHERNET SWITCH (FS)	EXTERNAL FSK MODEM	TRAFFIC ACTUATED CONTROLLER
5-8	INDIAN SCHOOL RD	AMERICAS PKWY	1	1		1	1	1
5-8	INDIAN SCHOOL RD	LOUISIANA BLVD			1			
5-9	INDIAN SCHOOL RD	Q ST	1	1		1		
5-9	INDIAN SCHOOL RD	UPTOWN LOOP RD	1	1		1	1	1
		TOTALS	3	3	1	3	2	2

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PAUL A. BARRICKLOW
NEW MEXICO
17744
LICENSED PROFESSIONAL ENGINEER
11/08/2023

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CITY OF ALBUQUERQUE
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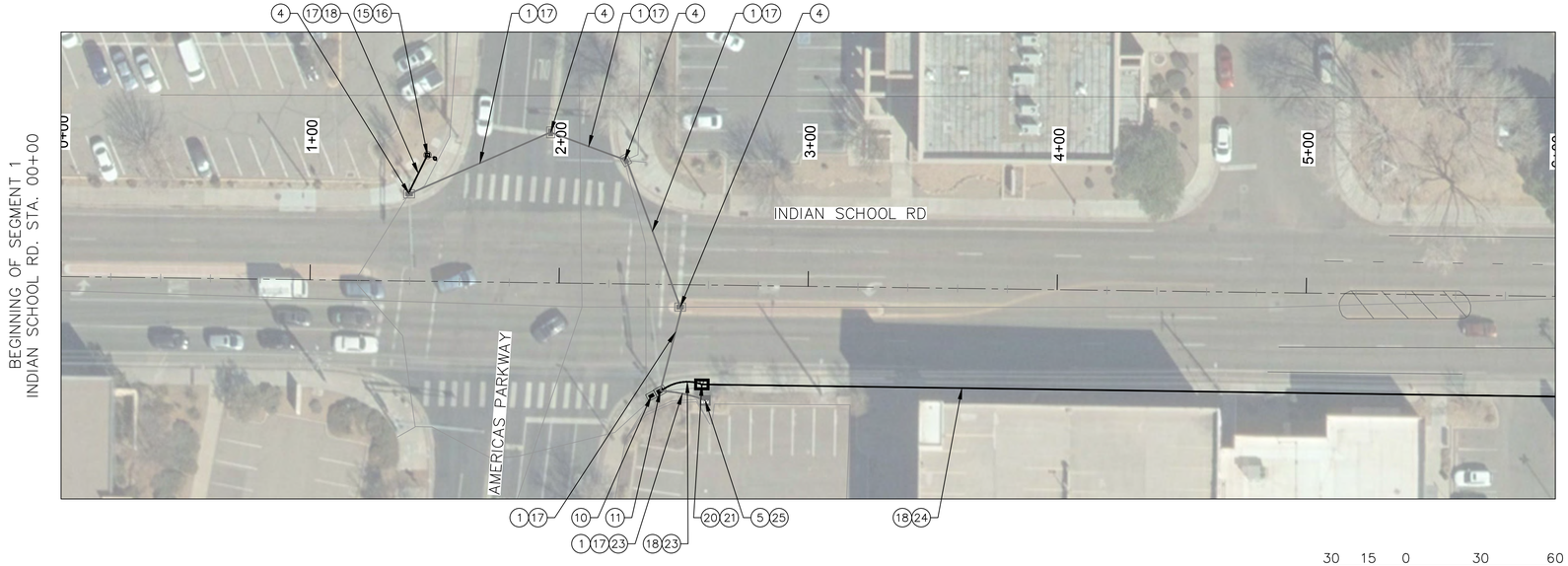
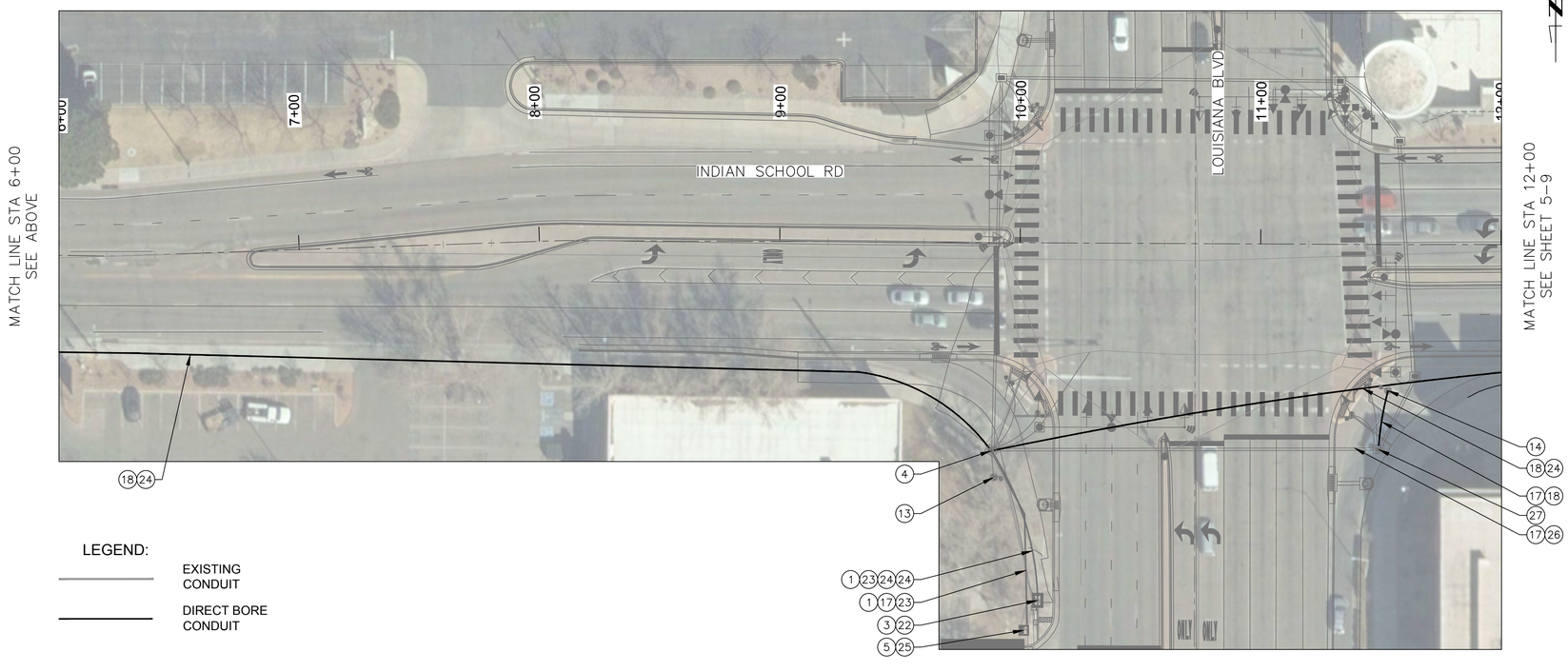
UPTOWN PEDESTRIAN MODIFICATIONS

FIBER SPLICE AND COMMUNICATION DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 9043.17
SHEET NO. 5-20





LEGEND:

EXISTING CONDUIT

DIRECT BORE CONDUIT

KEY NOTE CALL OUTS

1. EXISTING CONDUIT
2. EXISTING CONDUIT, ABANDON IN PLACE
3. EXISTING SPLICE VAULT / MANHOLE
4. EXISTING PULL BOX
5. EXISTING TRAFFIC SIGNAL CABINET
6. EXISTING TRAFFIC SIGNAL POLE
7. EXISTING COMMUNICATION CABLE OR INFRASTRUCTURE, PROTECT IN PLACE
8. EXISTING CONDUCTORS TO REMAIN
9. EXISTING SPLICE CLOSURE, RESPLICE
10. REMOVE & REPLACE EXISTING PULL BOX WITH NEW STANDARD PULL BOX
11. REMOVE & REPLACE EXISTING PULL BOX WITH NEW LARGE PULL BOX
12. REMOVE & REPLACE EXISTING PULL BOX / MANHOLE WITH NEW SPLICE VAULT
13. REMOVE & RELOCATE EXISTING TYPE IV STEEL ITS POLE AND CCTV CAMERA/CABLING
14. INSTALL EXISTING TYPE IV STEEL ITS POLE AND CCTV CAMERA/CABLING, WITH FOUNDATION
15. INSTALL TYPE IV STEEL ITS POLE, WITH FOUNDATION
16. INSTALL CCTV (PTZ) CAMERA
17. INSTALL CCTV CABLING (600')
18. INSTALL 3" CONDUIT
19. INSTALL TYPE C PULL BOX
20. INSTALL SPLICE VAULT
21. INSTALL SPLICE CLOSURE WITH CABLE SPLICE
22. FIBER OPTIC CABLE RESPLICE, SEE SPLICE DETAILS
23. INSTALL 6 SMFO CABLE WITH TRACER WIRE
24. INSTALL 48 SMFO CABLE WITH TRACER WIRE
25. INSTALL EQUIPMENT SEE SHEET 5-7
26. INSTALL 3" CONDUIT, SEE SIGNAL SHEETS
27. INSTALL PULLBOX, SEE SIGNAL SHEETS
28. INSTALL TRAFFIC SIGNAL CABINET, SEE SIGNAL SHEETS
29. INSTALL WIRELESS COMMUNICATION SYSTEM, PAIRED WITH PENNSYLVANIA ST (EAST)

CONSULTANTS
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PAUL A BARRICKLOW
NEW MEXICO
17744
LICENSED PROFESSIONAL ENGINEER
11/08/2023

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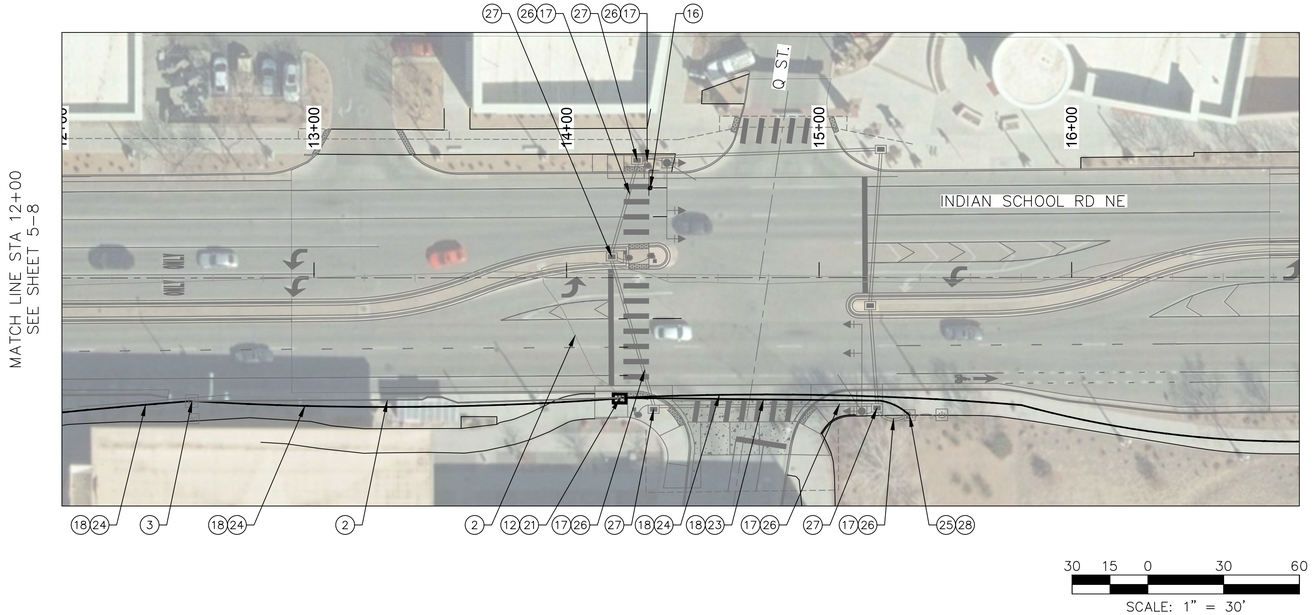
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

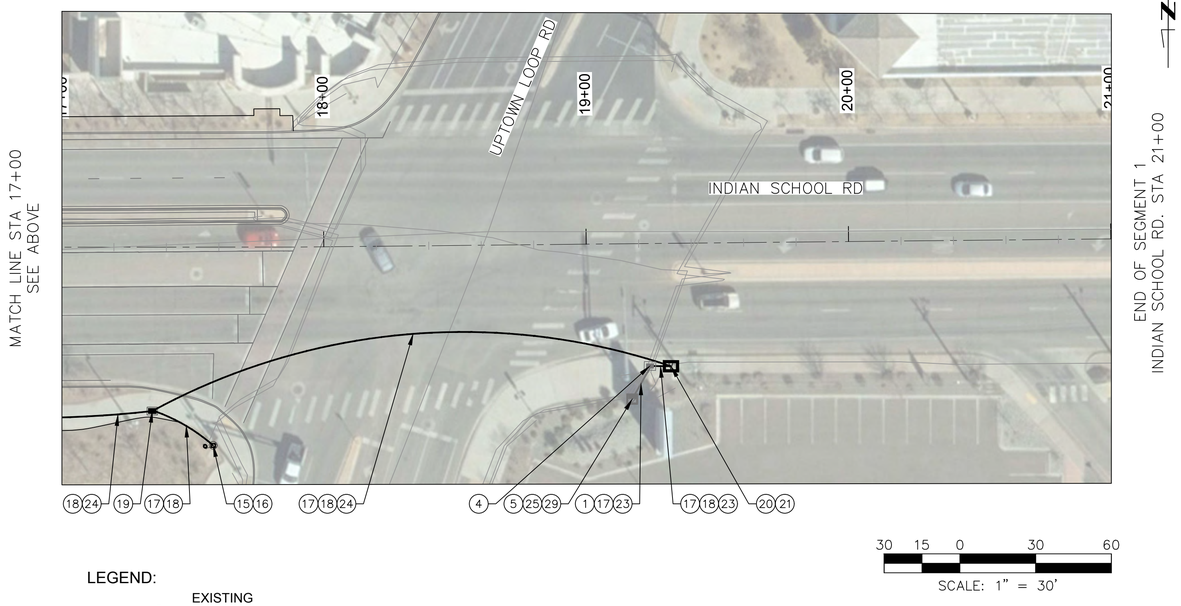
UPTOWN PEDESTRIAN MODIFICATIONS

ITS DESIGN STA 0+00 TO 12+00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

ZONE MAP NO.	H-18, H-19, J-18, J-19
CITY PROJECT NO.	9043.17
SHEET NO.	5-21





LEGEND:

EXISTING CONDUIT

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KEY NOTE CALL OUTS

1. EXISTING CONDUIT
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15. INSTALL TYPE IV STEEL ITS POLE, WITH FOUNDATION
16. INSTALL CCTV (PTZ) CAMERA
17. INSTALL CCTV CABLING (280')
18. INSTALL 3" CONDUIT
19. INSTALL TYPE C PULL BOX
20. INSTALL SPLICE VAULT
21. INSTALL SPLICE CLOSURE WITH CABLE SPLICE
22. FIBER OPTIC CABLE RESPLICE, SEE SPLICE DETAILS
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN PEDESTRIAN MODIFICATIONS

ITS DESIGN STA 12+00 TO 21+00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL

ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 9043.17
SHEET NO. 5-22

MINOR STRUCTURES

STATION	STRUCTURE	LOCATION	STRUCTURE	SKEW	701.1 TRENCHING, BACKFILLING & COMPACTION, FOR 18" TO 36" SEWER PIPE, UP TO 8' IN DEPTH, PIPE NOT INCLUDED, COMPL. LF	701.32 BACKFILL MATERAL, SELECT, INCL COMPACTION CY	910.009 24" RCP, III LF	910.103 DRAINLINE REMOVAL, 10" TO 18", EXCL. TRENCHING, COMPL. LF	915.030 CATCH BASIN, TYPE "C", SINGLE GRATE, CIP, SD 2205 EA	915.040 CATCH BASIN, TYPE "C", DOUBLE GRATE, CIP, SD 2205 EA	915.070 CATCH BASIN, EXISTING, REMOVE & DISPOSE, ANY TYPE, INCL. CLEANUP, COMPL., SD 2200 EA	920.010 MANHOLE, 4' DIA., TYPE "C", LESS THAN 6' DEEP, CIP, SD 2101 EA	1006.3 REMOVE ABOVE GRADE SEDIMENT AND DEBRIS FROM EXISTING CULVERT AND DRAINAGE STRUCTURES LS
11+88.59	REMOVE EX. INLET	LOUISIANA BLVD.	STA. 11+88.59, REMOVE AND DISPOSE EXISTING DROP INLET	-							1		LS
11+87.47	TYPE "C" DROP INLET	LOUISIANA BLVD.	CDI #1 STA. 11+87.47, 56.32' LT BUILD NEW TYPE "C" SINGLE DROP INLET GRATE:5274.26 INV OUT (W):5271.61 CONNECT TO MH-1	NORMAL		3			1				
11+87.50	MANHOLE TYPE "C	LOUISIANA BLVD.	MH-1 STA. 11+87.50, 62.20' LT BUILD NEW 4' DIA. MANHOLE TYPE "C" RIM = 5274.65 INV IN(E) = 5271.43 CONNECT TO EX 18" RCP	NORMAL								1	
11+86.72 TO 11+88.22	24" RCP	LOUISIANA BLVD.	BUILD 2.13' OF 24" RCP	NORMAL	2.13		2.13						
11+95.96	REMOVE EX. INLET	LOUISIANA BLVD.	STA. 11+95.96, REMOVE AND DISPOSE EXISTING DROP INLET	-							1		LS
11+96.65	TYPE "C" DROP INLET	LOUISIANA BLVD.	CDI #2 STA. 11+96.65, 55.76' RT BUILD NEW TYPE "C" DOUBLE DROP INLET GRATE:5274.87 INV OUT (E):5272.22 CONNECT TO MH-2	NORMAL		2.3				1			
11+96.56	MANHOLE TYPE "C	LOUISIANA BLVD.	MH-2 STA. 11+96.56, 71.08' RT BUILD NEW 4' DIA. MANHOLE TYPE "C" RIM = 5275.12 INV IN(W) = 5272.28 CONNECT TO EX 18" RCP	NORMAL								1	
11+97.44 TO 11+97.56	24" RCP	LOUISIANA BLVD.	BUILD 11.5' OF 24" RCP	NORMAL	11.5		11.5						
13+80.76	REMOVE EX. INLET	LOUISIANA BLVD.	STA. 13+80.76, REMOVE AND DISPOSE EXISTING DROP INLET	-							1		LS
13+80.76	TYPE "C" DROP INLET	LOUISIANA BLVD.	CDI #3 STA. 13+80.76, 58.93' LT BUILD NEW TYPE "C" DOUBLE DROP INLET GRATE:5274.39 INV OUT (E):5271.73 CONNECT TO MH-3	NORMAL		2.3				1			
13+80.66	MANHOLE TYPE "C	LOUISIANA BLVD.	MH-3 STA. 13+80.66, 71.10' LT BUILD NEW 4' DIA. MANHOLE TYPE "C" RIM = 5274.53 INV IN(E) = 5271.69 CONNECT TO EX 18" RCP	NORMAL								1	
13+81.40 TO 13+81.51	24" RCP	LOUISIANA BLVD.	BUILD 8.42' OF 24" RCP	NORMAL	8.42		8.42						
23+78.02	REMOVE EX. INLET	INDIAN SCHOOL RD.	STA. 23+78.02, REMOVE AND DISPOSE EXISTING DROP INLET	-							1		LS
23+54.00	TYPE "C" DROP INLET	INDIAN SCHOOL RD.	CDI #4 STA. 23+54.00, 43.83' RT BUILD NEW TYPE "C" DOUBLE DROP INLET GRATE:5273.10 INV OUT (E):5268.99 CONNECT TO EX. 18" RCP	NORMAL		2.3				1			
23+54.00 TO 23+78.02	REMOVE EX. LINE	INDIAN SCHOOL RD.	REMOVE 13.46' OF 18" RCP	NORMAL	14			14					
			PROJECT TOTAL		37.1	9.9	22.1	13	1	3	4	3	LS
			PROJECT TOTAL USE		**38**	**10**	**24**	**14**	**1**	**3**	**4**	**3**	**LS**

CONSULTANTS

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
5500 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS

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SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25312 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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CITY OF ALBUQUERQUE
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ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

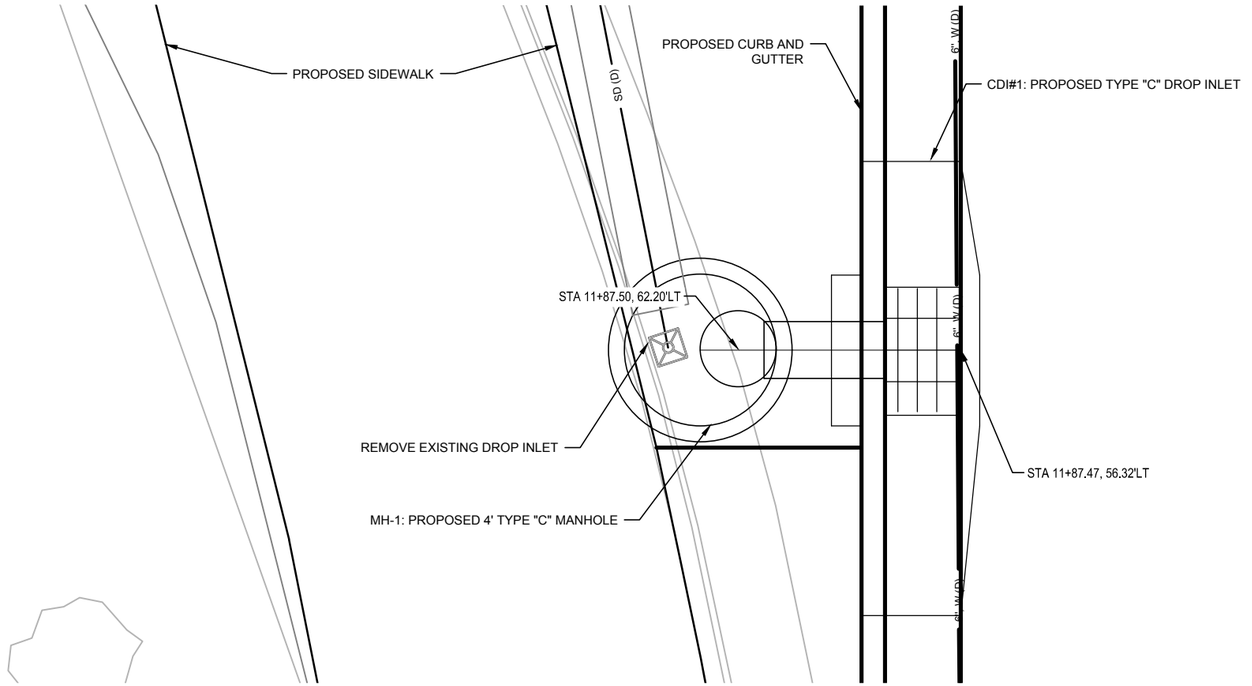
STORM DRAIN QUANTITIES

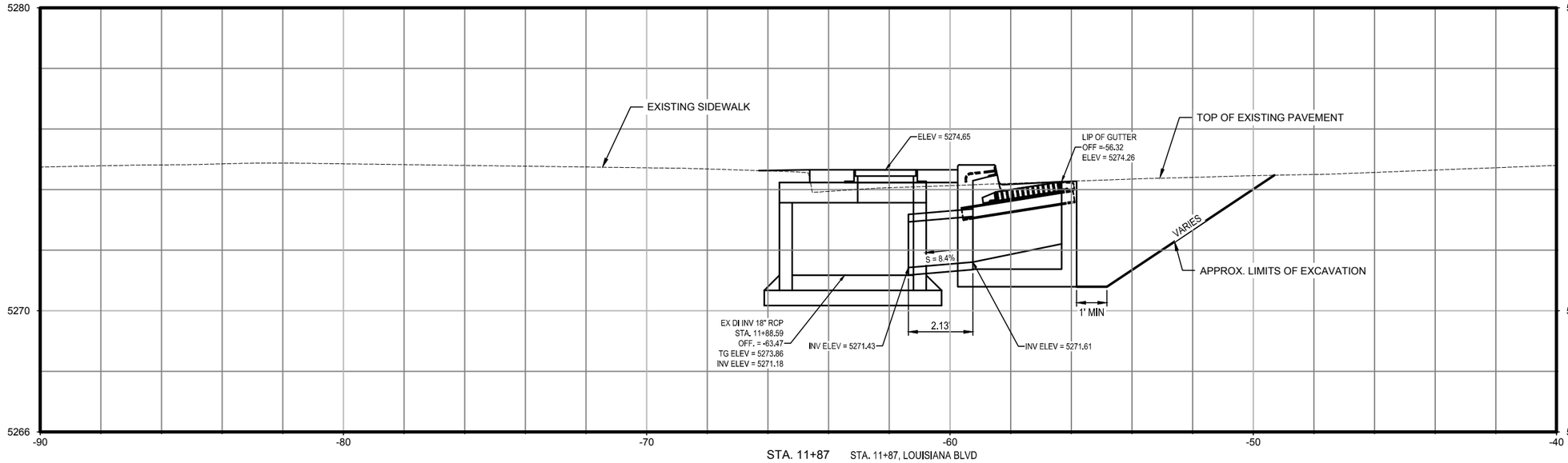
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
6-1





STA. 11+87 STA. 11+87, LOUISIANA BLVD
REMOVE EX INLET AND CONSTRUCT 4' MANHOLE
TO INTERCEPT EX 18" RCP.
CONSTRUCT NEW SINGLE C INLET AND CONNECT
TO MH WITH 2.13' OF 24" RCP.

NOTES

1. WATERLINE LOCATION AND DEPTH TO BE VERIFIED.

2 1 0 2 4

SCALE: 1" = 2' (22"x34") PLOT
SCALE: 1" = 4' (11"x17") PLOT

CONSULTANTS

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25312 — REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

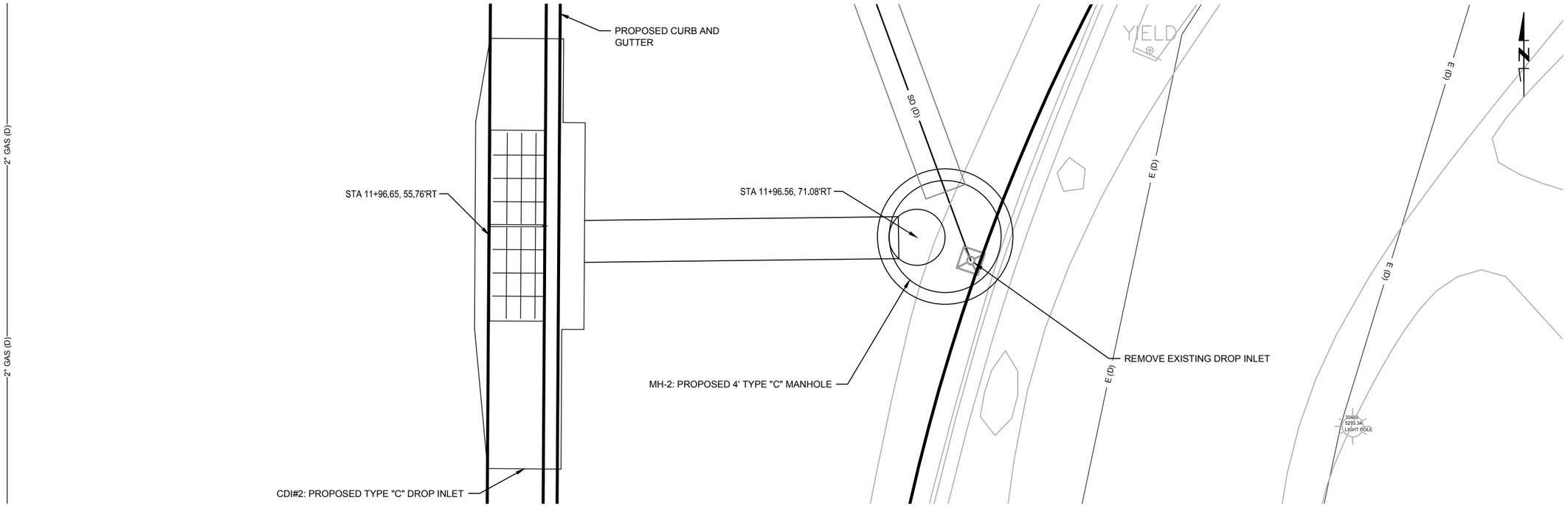
811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

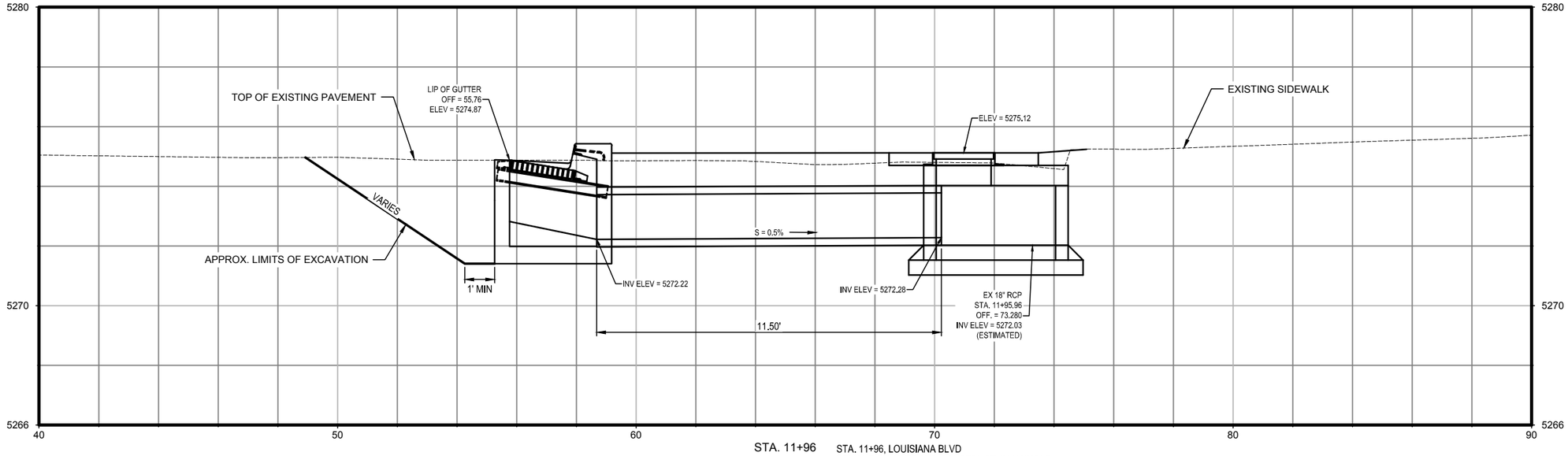
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

STORM DRAIN SECTIONS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 6-2





STA. 11+96

STA. 11+96, LOUISIANA BLVD
REMOVE EX INLET AND CONSTRUCT 4' MANHOLE (TYPE C) TO INTERCEPT EX 18" RCP.
CONSTRUCT NEW DOUBLE C INLET AND CONNECT TO MH WITH 11.50' OF 24" RCP.

NOTES

1. WATERLINE LOCATION AND DEPTH TO BE VERIFIED.

2 1 0 2 4

SCALE: 1" = 2' (22"x34") PLOT
SCALE: 1" = 4' (11"x17") PLOT

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

CONSULTANTS

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

S. TRONCOSO NEW MEXICO 25311 REGISTERED PROFESSIONAL ENGINEER ZACHARY

8-24-2023

NO.	DATE	DESCRIPTION	BY:
		AS-BUILT INFORMATION	
		CONTRACTOR:	
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

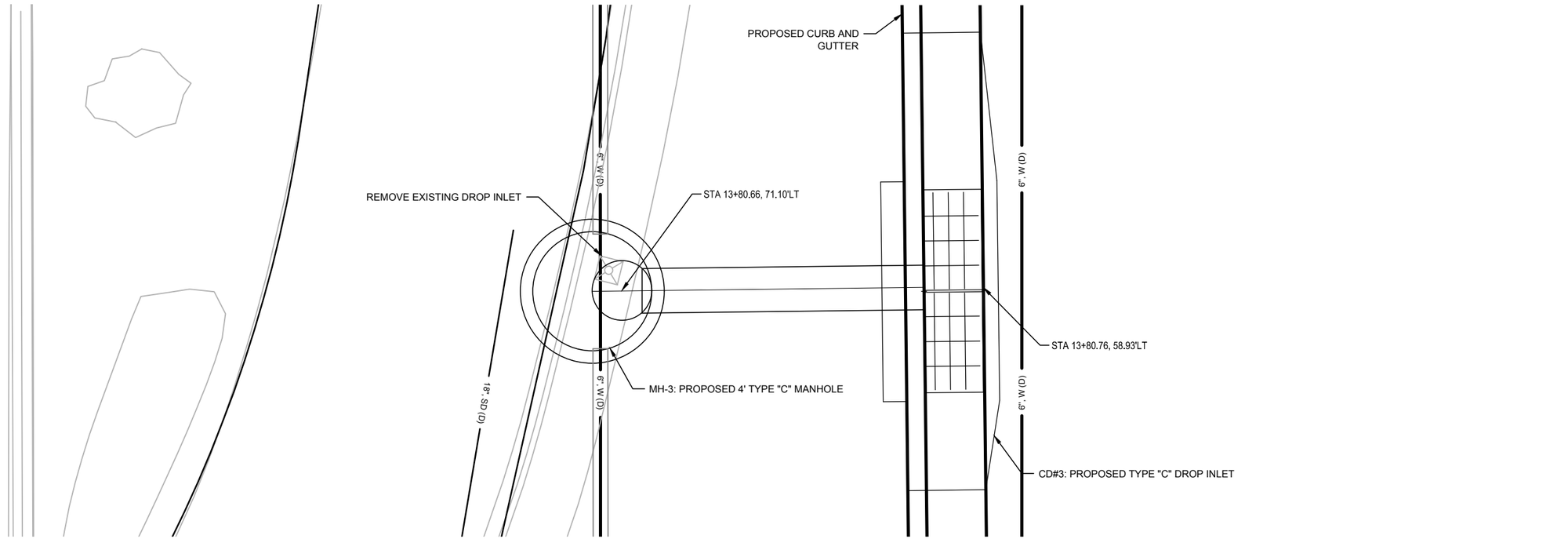
STORM DRAIN SECTIONS

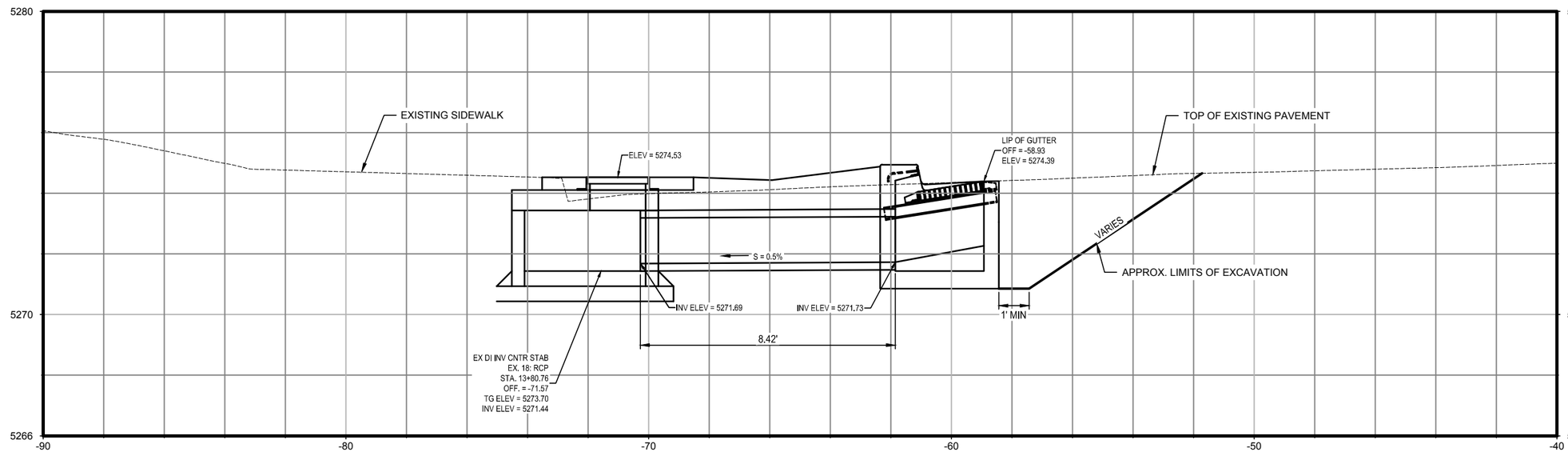
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
6-3





STA. 13+81

STA. 13+81, LOUISIANA BLVD
REMOVE EX INLET AND CONSTRUCT 4' MANHOLE (TYPE C) TO INTERCEPT EX 18" RCP.
CONSTRUCT NEW DOUBLE C INLET AND CONNECT TO MH WITH 8.42' OF 24" RCP.

NOTES

1. WATERLINE LOCATION AND DEPTH TO BE VERIFIED.

2 1 0 2 4

SCALE: 1" = 2' (22"x34") PLOT
SCALE: 1" = 4' (11"x17") PLOT

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

CONSULTANTS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

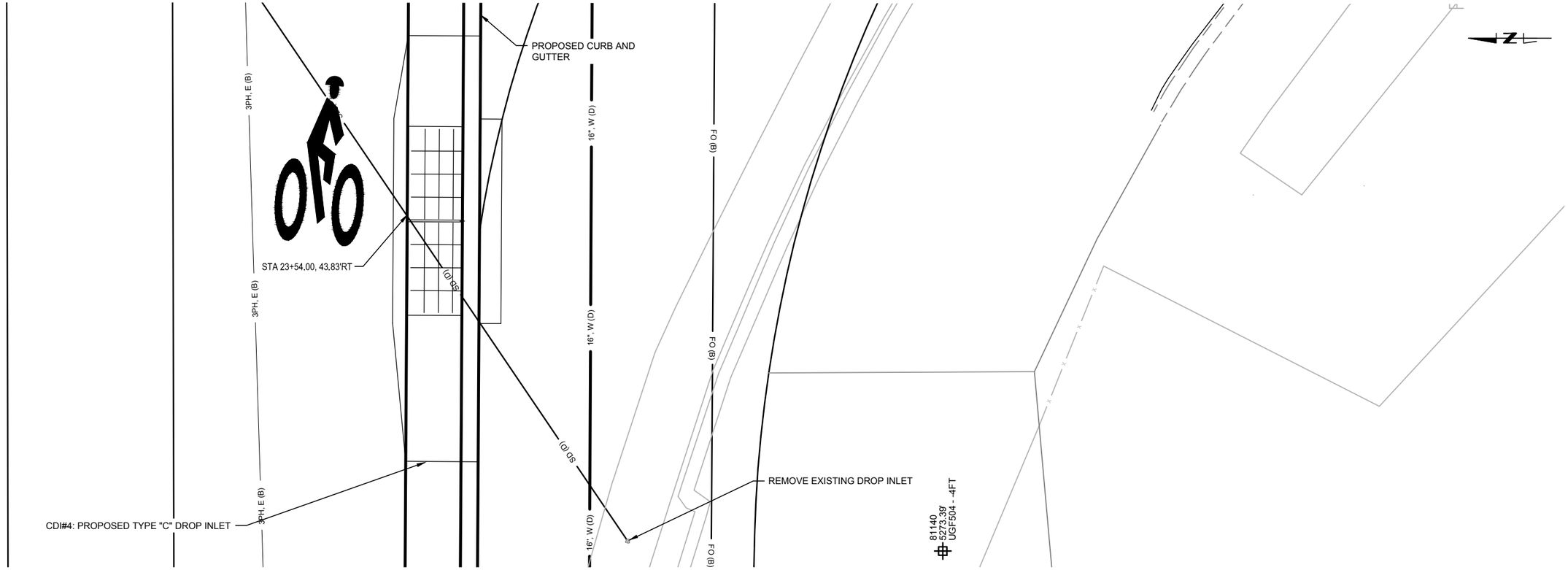
STORM DRAIN SECTIONS

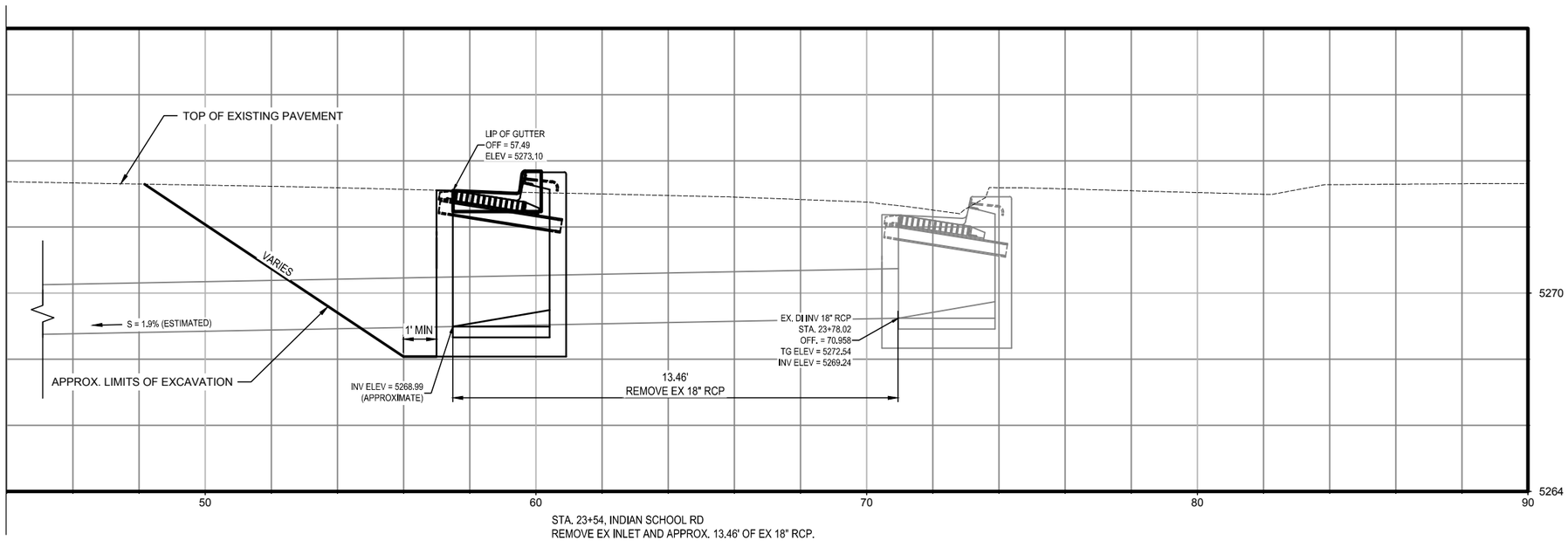
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
6-4





STA. 23+54, INDIAN SCHOOL RD
REMOVE EX INLET AND APPROX. 13.46' OF EX 18" RCP.
INTERCEPT EX 18" RCP W/ NEW DOUBLE C INLET.

NOTES

1. WATERLINE LOCATION AND DEPTH TO BE VERIFIED.

2 1 0 2 4

SCALE: 1" = 2' (22"x34") PLOT
SCALE: 1" = 4' (11"x17") PLOT

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DATUM: NAD 83
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Elev.=5283.222'

SEAL

S. TRONCOSO — NEW MEXICO — 25310 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
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811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

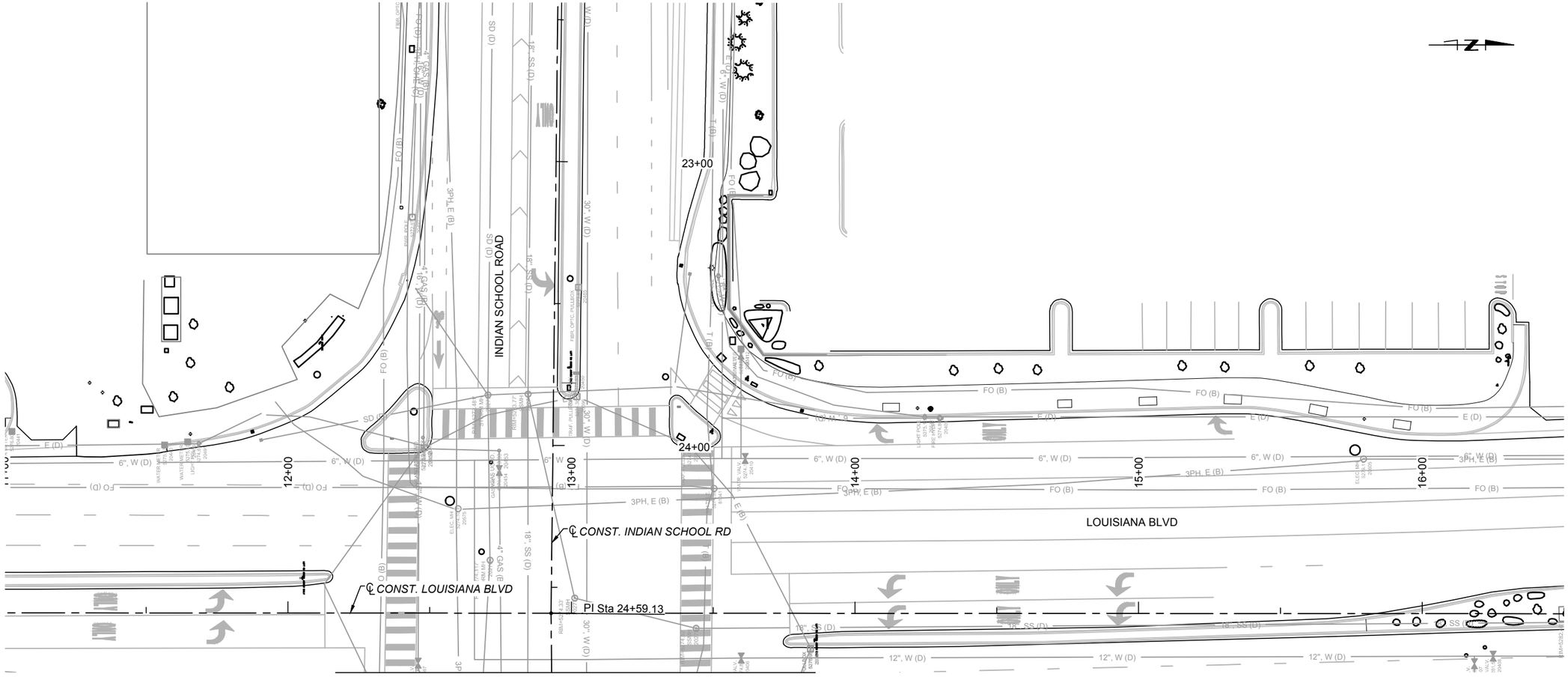
DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

STORM DRAIN SECTIONS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 6-5



LEGEND

- Electric Marker
- Electric Transformer
- Electric Box
- Electric Manhole
- Street Light
- Power Pole
- Service Pole
- Guy Anchor
- Electric Pull Box
- Traffic Signal Pull Box
- Traffic Signal
- Traffic Signal Man Hole
- Traffic Signal Mast Arm
- Water Meter
- Water Valve
- Fire Hydrant
- Water Well
- Monitor Well
- Water Manhole
- Water Test Station
- Water Faucet
- Irrigation Control Box
- Gas Meter
- Gas Valve
- Gas Regulator
- Gas Tank
- Gas Test Station
- Gas Marker
- Telephone/Fiber Optic Marker
- Telephone Pull Box
- Telephone Pedestal
- Telephone Manhole
- Telephone Pole
- Fiber Optic Pedestal
- Sanitary Sewer Manhole
- Storm Drain Manhole
- Drop Inlet
- Clean Out
- CATV Pedestal
- Tele Hand Hole
- FO Hand Hole
- Comm Hand Hole
- CATV Hand Hole
- Elec Hand Hole
- Existing Single Post Sign
- Existing Double Post Sign
- Existing Bollard

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1' = 40' (11"x17") PLOT

CALL NM ONE-CALL
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BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

NEW MEXICO — ZACHARY S. TRONCOSO — 25311 — REGISTERED PROFESSIONAL ENGINEER — 8-24-2023

NO.	DATE	DESCRIPTION	BY
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DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS
EXISTING UTILITIES

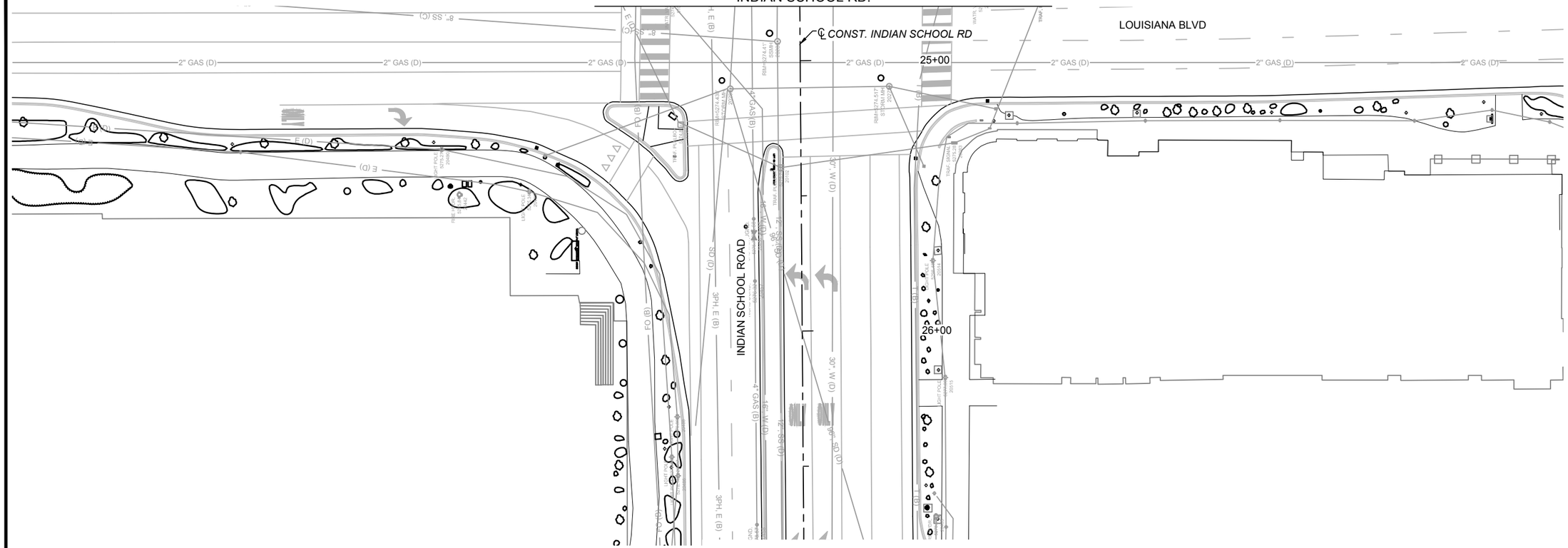
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
7-1

MATCHLINE STA. 24+80.00
INDIAN SCHOOL RD.



LEGEND

- Electric Marker
- E Electric Transformer
- E Electric Box
- E Electric Manhole
- Street Light
- Power Pole
- Service Pole
- Guy Anchor
- P Electric Pull Box
- TP Traffic Signal Pull Box
- Traffic Signal
- TS Traffic Signal Man Hole
- Traffic Signal Mast Arm
- Water Meter
- Water Valve
- Fire Hydrant
- Water Well
- Monitor Well
- W Water Manhole
- Water Test Station
- Water Faucet
- CV Irrigation Control Box
- GM Gas Meter
- Gas Valve
- Gas Regulator
- Gas Tank
- TS Gas Test Station
- Gas Marker
- Telephone/Fiber Optic Marker
- PB Telephone Pull Box
- T Telephone Pedestal
- T Telephone Manhole
- Telephone Pole
- FO Fiber Optic Pedestal
- SS Sanitary Sewer Manhole
- SD Storm Drain Manhole
- Drop Inlet
- Clean Out
- TV CATV Pedestal
- T Tele Hand Hole
- FO FO Hand Hole
- C Comm Hand Hole
- TV CATV Hand Hole
- E Elec Hand Hole
- Existing Single Post Sign
- Existing Double Post Sign
- Existing Bollard

20 10 0 20 40
SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1' = 40' (11"x17") PLOT

811
CALL NM ONE-CALL
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Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25314 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	DATE:
		CONTRACTOR:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:
DRAWN BY:
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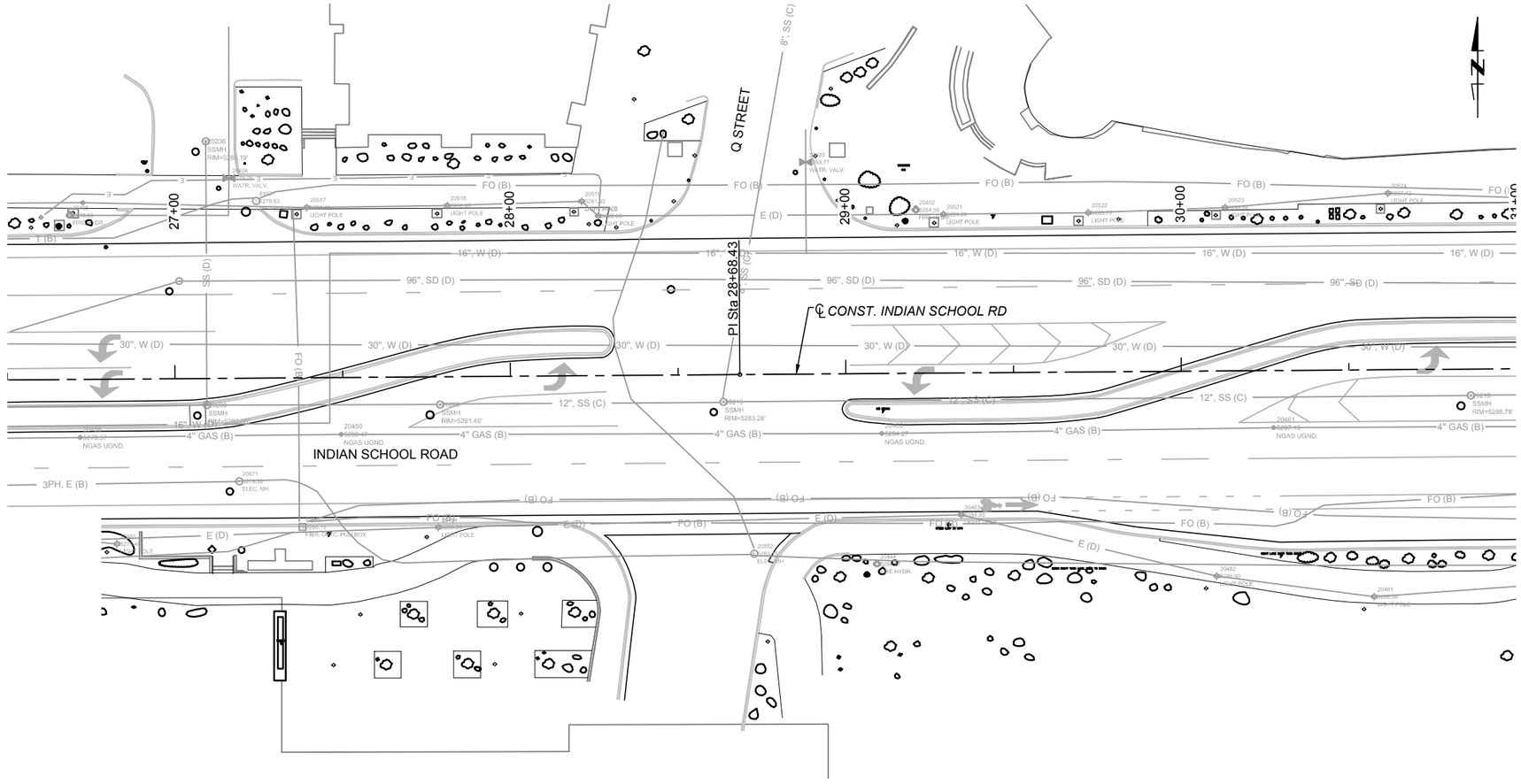
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS
EXISTING UTILITIES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19
CITY PROJECT NO.
6097.31
SHEET NO.
7-2



LEGEND

- Electric Marker
- Electric Transformer
- Electric Box
- Electric Manhole
- Street Light
- Power Pole
- Service Pole
- Guy Anchor
- Electric Pull Box
- Traffic Signal Pull Box
- Traffic Signal
- Traffic Signal Man Hole
- Traffic Signal Mast Arm
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- Fire Hydrant
- Water Well
- Monitor Well
- Water Manhole
- Water Test Station
- Water Faucet
- Irrigation Control Box
- Gas Meter
- Gas Valve
- Gas Regulator
- Gas Tank
- Gas Test Station
- Gas Marker
- Telephone/Fiber Optic Marker
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- Telephone Manhole
- Telephone Pole
- Fiber Optic Pedestal
- Sanitary Sewer Manhole
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- Drop Inlet
- Clean Out
- CATV Pedestal
- Tele Hand Hole
- FO Hand Hole
- Comm Hand Hole
- CATV Hand Hole
- Elec Hand Hole
- Existing Single Post Sign
- Existing Double Post Sign
- Existing Bollard

20 10 0 20 40

SCALE: 1" = 20' (22"x34") PLOT
SCALE: 1' = 40' (11"x17") PLOT

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BENCH MARKS

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DATUM: NAD 83
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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25312 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS
EXISTING UTILITIES

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
7-3

SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE 0:

- INSTALL ADVANCED BOP AND EOP CONSTRUCTION SIGNAGE.
- INSTALL TEMPORARY SIGNAL AS NEEDED.

PHASE 1A:

LOUISIANA BLVD. SOUTHBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE TWO OUTSIDE TRAVEL LANES AND CHANNELIZE SOUTHBOUND LOUISIANA TRAFFIC TO THE TWO INSIDE TRAVEL LANES.
- MAINTAIN SOUTHBOUND TRAFFIC ON THE EXISTING INSIDE THROUGH TRAVEL LANES THROUGH THE INDIAN SCHOOL INTERSECTION.
- MAINTAIN EXISTING LEFT TURN LANES AT THE INDIAN SCHOOL INTERSECTION.
- ALLOW BUSINESS ACCESS ALONG SOUTHBOUND LOUISIANA BLVD. THROUGH THE CONSTRUCTION ZONE.

INDIAN SCHOOL RD. WESTBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE OUTSIDE THRU/RIGHT TRAVEL LANE AND CHANNELIZE WESTBOUND INDIAN SCHOOL TRAFFIC TO THE INSIDE TRAVEL LANE.
- MAINTAIN WESTBOUND TRAFFIC ON THE EXISTING INSIDE THROUGH TRAVEL LANE THROUGH THE LOUISIANA BLVD. AND UPTOWN LOOP INTERSECTIONS.
- MAINTAIN EXISTING LEFT TURN LANES AT BOTH INTERSECTIONS.
- ALLOW BUSINESS ACCESS ALONG WESTBOUND INDIAN SCHOOL RD. THROUGH THE CONSTRUCTION ZONE.

LOUISIANA BLVD. NORTHBOUND
- CLOSE THE INSIDE LEFT TURN LANE AT THE LOUISIANA BLVD./INDIAN SCHOOL RD. INTERSECTION.
- MAINTAIN THE OUTSIDE LEFT TURN LANE AT THE LOUISIANA BLVD./INDIAN SCHOOL RD. INTERSECTION

PEDESTRIAN ACCESS EASTBOUND INDIAN SCHOOL RD:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./AMERICAS PKWY. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NW CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE SOUTH SIDE OF INDIAN SCHOOL RD.

PEDESTRIAN ACCESS WESTBOUND INDIAN SCHOOL RD:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./LOUISIANA BLVD. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NW CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE SOUTH SIDE OF INDIAN SCHOOL RD.

PEDESTRIAN ACCESS SOUTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AT THE LOUISIANA BLVD./AMERICAS PKWY. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NW CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE EAST SIDE OF LOUISIANA BLVD.

PEDESTRIAN ACCESS NORTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./LOUISIANA BLVD. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NW CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE EAST SIDE OF LOUISIANA BLVD.

WORK TO BE COMPLETED:
- REMOVE PORK CHOPS AND RELATED SIDEWALK, RAMPS, CURB & GUTTER, SIGNAL/ITS ITEMS
- CONSTRUCT: STANDARD CURB & GUTTER, CURB RAMPS, SIDEWALKS, DROP INLETS AND STORM DRAIN RELATED INFRASTRUCTURE.
- INSTALL ITS AND SIGNAL INFRASTRUCTURE (PED POLES, MASTARMS, CONDUIT, PULL BOXES, ETC.) C.)

PHASE 1C:

LOUISIANA BLVD. NORTHBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE OUTSIDE TRAVEL LANE AND CHANNELIZE NORTHBOUND LOUISIANA TRAFFIC TO THE THREE INSIDE TRAVEL LANES.
- MAINTAIN NORTHBOUND TRAFFIC ON THE EXISTING INSIDE THROUGH TRAVEL LANES THROUGH THE INDIAN SCHOOL INTERSECTION.
- MAINTAIN EXISTING LEFT TURN LANES AT THE INDIAN SCHOOL INTERSECTION.
- ALLOW BUSINESS ACCESS ALONG NORTHTHBOUND LOUISIANA BLVD. THROUGH THE CONSTRUCTION ZONE.

INDIAN SCHOOL RD. EASTBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE OUTSIDE THRU/RIGHT TRAVEL LANES AND CHANNELIZE EASTBOUND INDIAN SCHOOL TRAFFIC TO THE INSIDE TRAVEL LANE.
- MAINTAIN EASTBOUND TRAFFIC ON THE EXISTING INSIDE THROUGH TRAVEL LANE THROUGH THE LOUISIANA BLVD. AND INDIAN SCHOOL INTERSECTION.
- MAINTAIN EXISTING LEFT TURN LANES AT THE LOUISIANA BLVD. INTERSECTION.
- ALLOW BUSINESS ACCESS ALONG EASTBOUND INDIAN SCHOOL RD. THROUGH THE CONSTRUCTION ZONE.
- NORTH SIDE TARGET ENTRANCE MAY BE CLOSED WHEN CONSTRUCTION OF DRIVEWAY AND ASSOCIATED CURB RAMPS IS BEING DONE. ENTRANCE TO BE CLOSED NO MORE THAN 5 DAYS.

LOUISIANA BLVD. SOUTHBOUND
- CLOSE THE INSIDE LEFT TURN LANE AT THE LOUISIANA BLVD./INDIAN SCHOOL RD. INTERSECTION.
- MAINTAIN THE OUTSIDE LEFT TURN LANE AT THE LOUISIANA BLVD./INDIAN SCHOOL RD. INTERSECTION

PEDESTRIAN ACCESS EASTBOUND INDIAN SCHOOL:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./LOUISIANA BLVD. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE SE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE NORTH SIDE OF INDIAN SCHOOL RD.

PEDESTRIAN ACCESS WESTBOUND INDIAN SCHOOL RD:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./UPTOWN LOOP INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE SE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE NORTH SIDE OF INDIAN SCHOOL RD.

PEDESTRIAN ACCESS SOUTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AT THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE SE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE WEST SIDE OF LOUISIANA BLVD.

PEDESTRIAN ACCESS NORTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AT THE LOUISIANA BLVD./AMERICAS PKWY INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE SE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE WEST SIDE OF LOUISIANA BLVD.

WORK TO BE COMPLETED:
- REMOVE PORK CHOPS AND RELATED SIDEWALK, RAMPS, CURB & GUTTER, SIGNAL/ITS ITEMS
- CONSTRUCT: STANDARD CURB & GUTTER, CURB RAMPS, SIDEWALKS, DROP INLETS AND STORM DRAIN RELATED INFRASTRUCTURE.
- INSTALL ITS AND SIGNAL INFRASTRUCTURE (PED POLES, MASTARMS, CONDUIT, PULL BOXES, ETC.)

CONSULTANTS

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BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25351 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

SUGGESTED SEQUENCE OF CONSTRUCTION

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 9 - 0

SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE 1D:

LOUISIANA BLVD. NORTHBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE OUTSIDE TRAVEL LANE AND CHANNELIZE NORTHBOUND LOUISIANA TRAFFIC TO THE THREE INSIDE TRAVEL LANES.
- MAINTAIN NORTHBOUND TRAFFIC ON THE EXISTING INSIDE THROUGH TRAVEL LANES THROUGH THE INDIAN SCHOOL INTERSECTION.
- MAINTAIN EXISTING LEFT TURN LANES AT THE INDIAN SCHOOL INTERSECTION.
- ALLOW BUSINESS ACCESS ALONG NORTHBOUND LOUISIANA BLVD. THROUGH THE CONSTRUCTION ZONE.

INDIAN SCHOOL RD. WESTBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE OUTSIDE THRU/RIGHT TRAVEL LANE AND CHANNELIZE WESTBOUND INDIAN SCHOOL TRAFFIC TO THE INSIDE TRAVEL LANE.
- MAINTAIN WESTBOUND TRAFFIC ON THE EXISTING INSIDE THROUGH TRAVEL LANE THROUGH THE LOUISIANA BLVD. AND UPTOWN LOOP INTERSECTIONS.
- MAINTAIN EXISTING LEFT TURN LANES AT BOTH INTERSECTIONS.
- ALLOW BUSINESS ACCESS ALONG WESTBOUND INDIAN SCHOOL RD. THROUGH THE CONSTRUCTION ZONE.

PEDESTRIAN ACCESS EASTBOUND INDIAN SCHOOL:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./LOUISIANA BLVD. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE SOUTH SIDE OF INDIAN SCHOOL RD.

PEDESTRIAN ACCESS WESTBOUND INDIAN SCHOOL RD:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./UPTOWN LOOP INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE SOUTH SIDE OF INDIAN SCHOOL RD.

PEDESTRIAN ACCESS SOUTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AT THE LOUISIANA BLVD./AMERICAS PKWY INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE WEST SIDE OF LOUISIANA BLVD.

PEDESTRIAN ACCESS NORTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AT THE INDIAN SCHOOL RD./LOUISIANA BLVD. INTERSECTION TO INFORM PEDESTRIANS OF THE SIDEWALK CLOSURE AT THE NE CORNER OF THE LOUISIANA BLVD./INDIAN SCHOOL INTERSECTION.
- DETOUR PEDESTRIANS TO THE TO THE WEST SIDE OF LOUISIANA BLVD.

WORK TO BE COMPLETED:
- REMOVE SIDEWALK, RAMPS, CURB & GUTTER, SIGNAL/ITS ITEMS
- CONSTRUCT: STANDARD CURB & GUTTER, CURB RAMPS, SIDEWALKS, DROP INLETS AND STORM DRAIN RELATED INFRASTRUCTURE.
- INSTALL ITS AND SIGNAL INFRASTRUCTURE (PED POLES, MASTARMS, CONDUIT, PULL BOXES, ETC.)

PHASE 2:

INDIAN SCHOOL RD. WESTBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE INSIDE THROUGH TRAVEL LANE AND CHANNELIZE WESTBOUND INDIAN SCHOOL TRAFFIC TO THE OUTSIDE TRAVEL LANE.
- MAINTAIN WESTBOUND TRAFFIC ON THE EXISTING OUTSIDE THROUGH TRAVEL LANE THROUGH THE LOUISIANA BLVD. INTERSECTION.
- MAINTAIN EXISTING LEFT TURN LANE AT THE LOUISIANA BLVD. INTERSECTION.
- ALLOW BUSINESS ACCESS ALONG WESTBOUND INDIAN SCHOOL RD. THROUGH THE CONSTRUCTION ZONE.

INDIAN SCHOOL RD. EASTBOUND APPROACH:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO CLOSE OFF THE INSIDE THROUGH TRAVEL LANE AND CHANNELIZE EASTBOUND INDIAN SCHOOL TRAFFIC TO THE OUTSIDE TRAVEL LANE.
- MAINTAIN EASTBOUND TRAFFIC ON THE EXISTING OUTSIDE THROUGH TRAVEL LANE THROUGH THE LOUISIANA BLVD. AND UPTOWN LOOP INTERSECTIONS.
- MAINTAIN EXISTING LEFT TURN LANES AT BOTH INTERSECTIONS.
- ALLOW BUSINESS ACCESS ALONG EASTBOUND INDIAN SCHOOL RD. THROUGH THE CONSTRUCTION ZONE.

LOUISIANA BLVD. SOUTHBOUND
- CLOSE THE INSIDE LEFT TURN LANE AT THE LOUISIANA BLVD./INDIAN SCHOOL RD. INTERSECTION.
- MAINTAIN THE OUTSIDE LEFT TURN LANE AT THE LOUISIANA BLVD./INDIAN SCHOOL RD. INTERSECTION

WORK TO BE COMPLETED:
- REMOVAL OF NECESSARY MEDIANS.
- CONSTRUCT: MEDIAN CURB & GUTTER AND CURB RAMPS
- INSTALL ITS AND SIGNAL INFRASTRUCTURE (PED POLES, MASTARMS, CONDUIT, PULL BOXES, ETC.)

PHASE 3:

- ALL WORK TO BE COMPLETED IN 3 WEEKDAY NIGHTTIME CLOSURES BETWEEN 9PM AND 5AM.

NORTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO TEMPORARILY CLOSE INTERSECTION AT UPTOWN LOOP.
- DETOUR TRAFFIC ON UPTOWN LOOP RD.
- BUSINESS ACCESS ALONG LOUISIANA BLVD. TO BE CLOSED WITHIN THE PROJECTS LIMITS.

SOUTHBOUND LOUISIANA BLVD:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO TEMPORARILY CLOSE INTERSECTION AT UPTOWN BLVD.
- DETOUR TRAFFIC ON UPTOWN BLVD. THE ONTO AMERICAS PKWY
- BUSINESS ACCESS ALONG LOUISIANA BLVD. TO BE CLOSED WITHIN THE PROJECTS LIMITS.

WESTBOUND INDIAN SCHOOL RD:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO TEMPORARILY CLOSE INTERSECTION AT UPTOWN LOOP.
- DETOUR TRAFFIC ON UPTOWN LOOP RD.
- BUSINESS ACCESS ALONG INDIAN SCHOOL RD. TO BE CLOSED WITHIN THE PROJECTS LIMITS.

EASTBOUND INDIAN SCHOOL RD:
- PLACE ADVANCED WARNING SIGNAGE AND DEVICES TO TEMPORARILY CLOSE INTERSECTION AT AMERICAS PKWY.
- DETOUR TRAFFIC ONTO AMERICAS PKWY.
- BUSINESS ACCESS ALONG INDIAN SCHOOL RD. TO BE CLOSED WITHIN THE PROJECTS LIMITS.

WORK TO BE COMPLETED:
- MILL AND INLAY INTERSECTION AND ALONG INDIAN SCHOOL RD.
- STRIPE INTERSECTION

TRAFFIC CONTROL NOTES:

1. ALL CONSTRUCTION PHASING CHANGES WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE CITY OF ALBUQUERQUE PROJECT MANAGER FOR THE PROJECT.

2. CONTRACTOR SHALL MAINTAIN BUSINESS, RESIDENTIAL, AND OPEN SPACES ACCESS DURING CONSTRUCTION.

3. THE CONTRACTOR SHALL PROVIDE 7 DAYS ADVANCED NOTICE, AND COORDINATE CONSTRUCTION ACTIVITIES WITH THE LOCAL SCHOOL DISTRICT, EMERGENCY RESPONSE (POLICE, FIRE, AND RESCUE) SERVICES, AND THE LOCAL TRANSIT AUTHORITIES TO MINIMIZE CONSTRUCTION IMPACTS.

4. CONTRACTOR SHALL MAINTAIN CHANNEL FLOWS AND CONTINUITY BETWEEN EXISTING AND NEW DRAINAGE STRUCTURES DURING PHASE CONSTRUCTION. THIS WORK IS TO BE CONSIDERED INCIDENTAL TO AND PAID FOR UNDER "TRAFFIC CONTROL MANAGEMENT".

5. TURNOUTS SHALL BE CONSTRUCTED DURING THE RESPECTIVE AND ADJACENT PHASES FOR OUTSIDE LANE CONSTRUCTION. ALL DRUMS AND BARRICADES USED FOR CONSTRUCTION TRAFFIC WARNING OR CHANNELIZATION SHALL BE EQUIPPED WITH TYPE “C” STEADY-BURN WARNING LIGHTS AND SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF MUTCD. PAYMENT FOR THE TYPE “C” STEADY-BURN WARNING LIGHTS SHALL BE INCLUDED UNDER ITEM NO. 19.010, CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.

6. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION TRAFFIC CONTROL IN ACCORDANCE WITH CABQ TRAFFIC STANDARDS AND THE CURRENT EDITION OF MUTCD DURING ALL WORKING AND NON-WORKING HOURS.

7. WINTER SUSPENSION: THE CABQ ANTICIPATES THAT THE PROJECT CONSTRUCTION MAY EXTEND INTO OR THROUGH SEASONS OF COLD WEATHER. THE CONTRACTOR MAY REQUEST A PARTIAL OR FULL SUSPENSION OF THE PROJECT DUE TO CONSTRUCTION CONSTRAINTS CAUSED BY SEASONAL COLD WEATHER. THE CONTRACTOR'S REQUEST FOR SEASONAL COLD WEATHER SUSPENSION WILL BE SUBJECT TO APPROVAL BY THE PROJECT MANAGER. DURING COLD WEATHER SUSPENSION THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE, REPAIR, AND PROTECTION OF ALL WORK AS PER SECTION 104.05 MAINTENANCE OF TRAFFIC INCLUDING, BUT NOT LIMITED TO, TRAFFIC CONTROL, DRIVING SURFACES, CONSTRUCTION.

8. NO WORK TO BE COMPLETED FROM NOVEMBER 15TH THRU JANUARY 2ND.

9. FOR THE DURATION OF THE PROJECT, TEMPORARY BUS STOP RELOCATIONS WILL BE USED. SEE TRAFFIC CONTROL PLANS FOR RELOCATIONS.

10. USE OF A TEMPORARY SIGNAL AT THE INTERSECTION OF LOUISIANA BLVD. AND INDIAN SCHOOL RD. IS PAID UNDER ITEM NO. 431.320 TEMPORARY SPAN WIRE SIGNAL COMPL. ALL EQUIPEMENT REQUIRED FOR THE TEMPORARY SIGNAL IS INCIDENTAL TO THIS ITEM.

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CONSULTANTS

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BENCH MARKS
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Elev =5283.222'

SEAL

S. TROncoso — NEW MEXICO — 25312 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY — 8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
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DRAWN BY:
CHECKED BY:
DATE

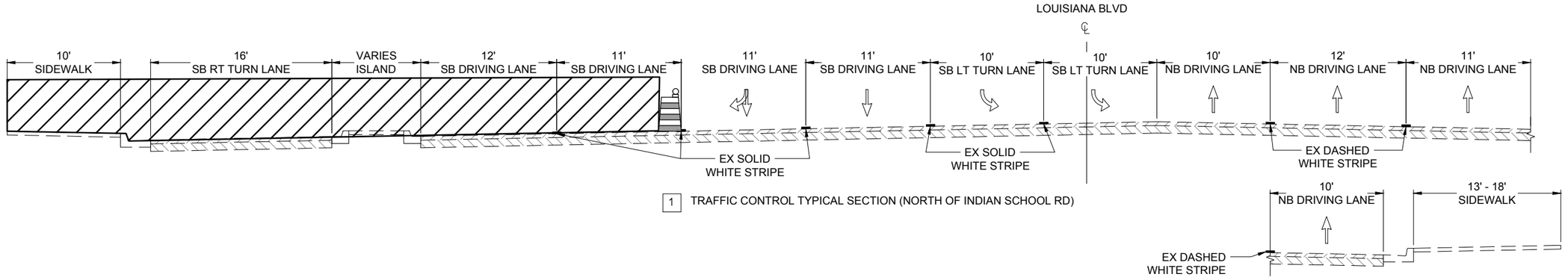
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

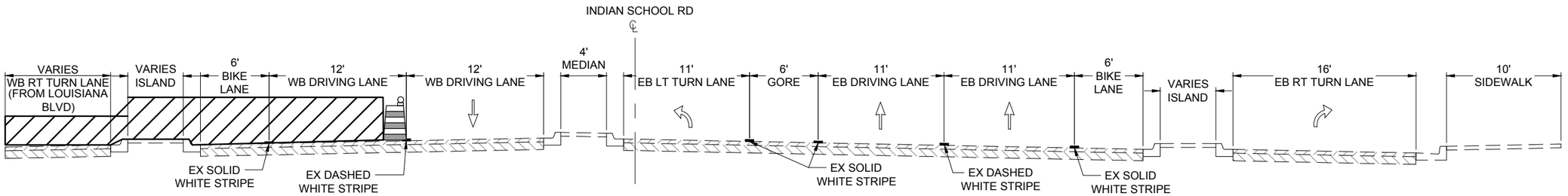
SUGGESTED SEQUENCE OF CONSTRUCTION

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

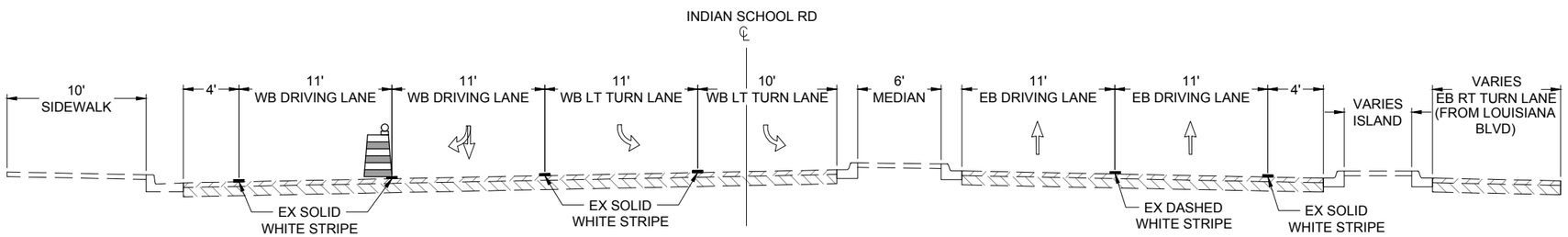
ZONE MAP NO. H-18, H-19, J-18, J-19
CITY PROJECT NO. 6097.31
SHEET NO. 9 - 1



1 TRAFFIC CONTROL TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)



2 TRAFFIC CONTROL TYPICAL SECTION (WEST OF LOUISIANA BLVD.)



3 TRAFFIC CONTROL TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

CONSULTANTS

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25376 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

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DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL
TYPICAL SECTIONS
PHASE 1A

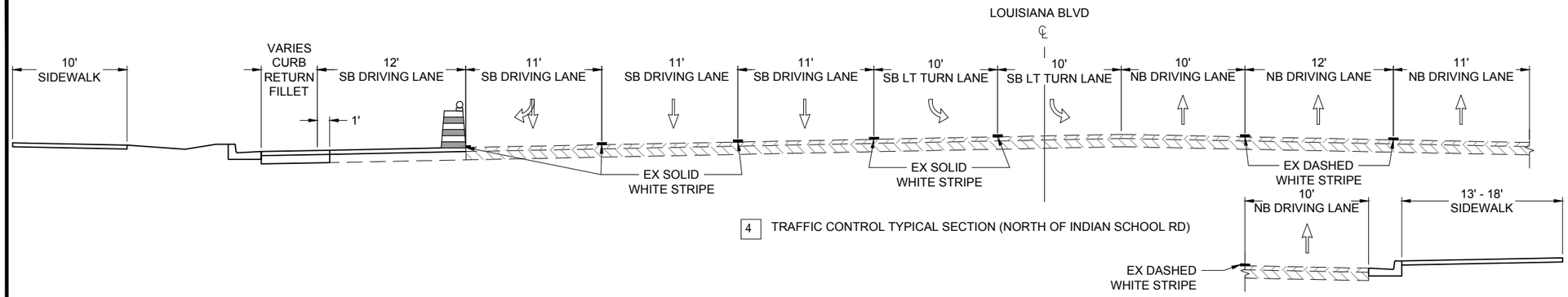
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

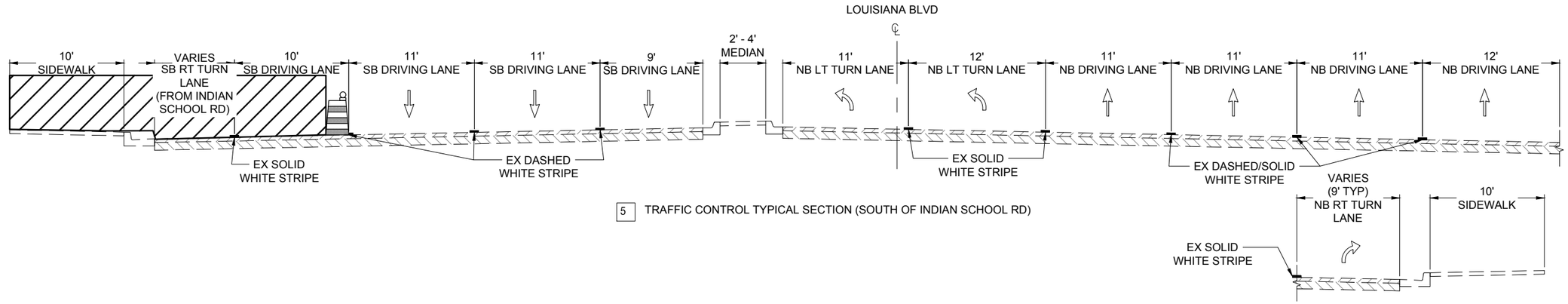
ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

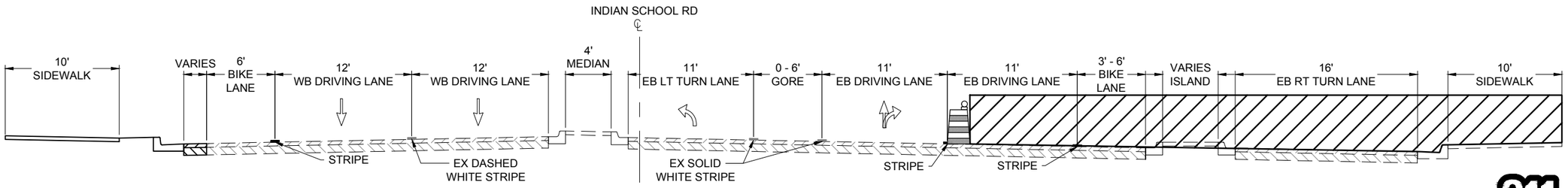
SHEET NO.
9 - 2



4 TRAFFIC CONTROL TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)



5 TRAFFIC CONTROL TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)



6 TRAFFIC CONTROL TYPICAL SECTION (WEST OF LOUISIANA BLVD.)

CONSULTANTS

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
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SEAL

S. TRONCOSO ZACHARY 25351 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
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811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

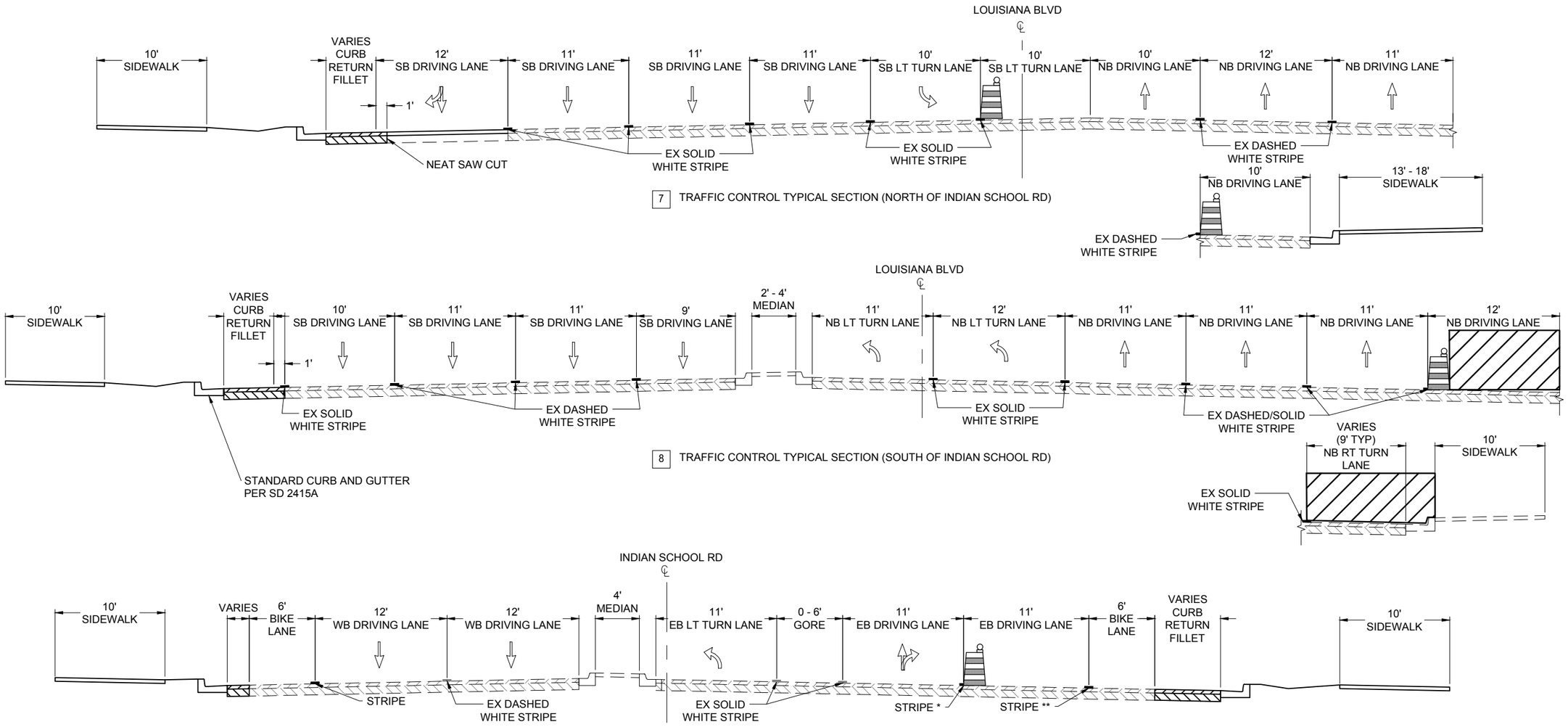
TRAFFIC CONTROL
TYPICAL SECTIONS
PHASE 1B

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 3



7 TRAFFIC CONTROL TYPICAL SECTION (NORTH OF INDIAN SCHOOL RD)

8 TRAFFIC CONTROL TYPICAL SECTION (SOUTH OF INDIAN SCHOOL RD)

9 TRAFFIC CONTROL TYPICAL SECTION (WEST OF LOUISIANA BLVD.)

10 TRAFFIC CONTROL TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

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SEAL
ZACHARY S. TRONCOSO — NEW MEXICO — 25316 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL
TYPICAL SECTIONS
PHASE 1C

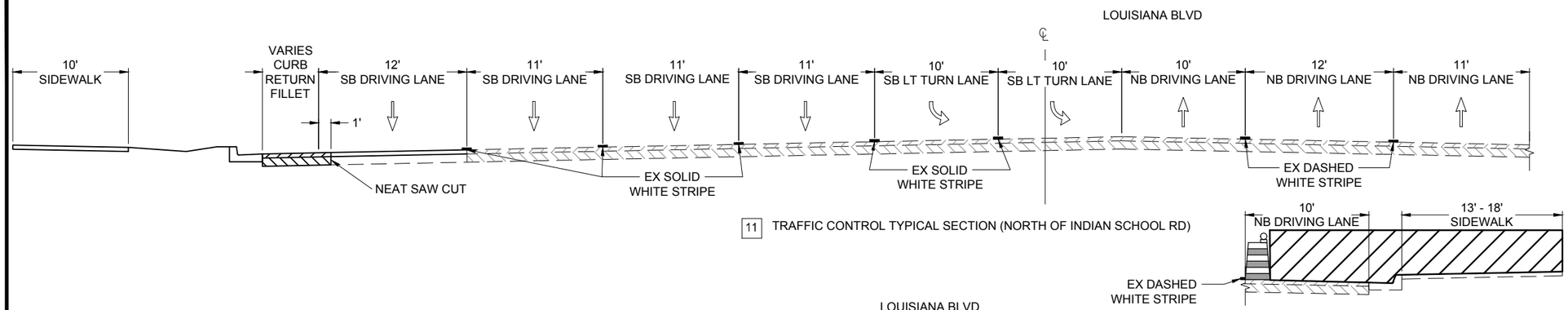
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

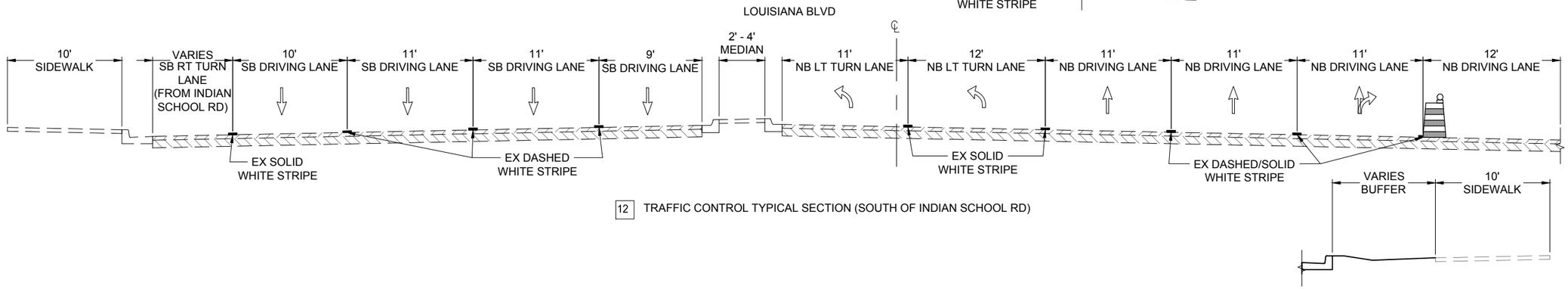
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

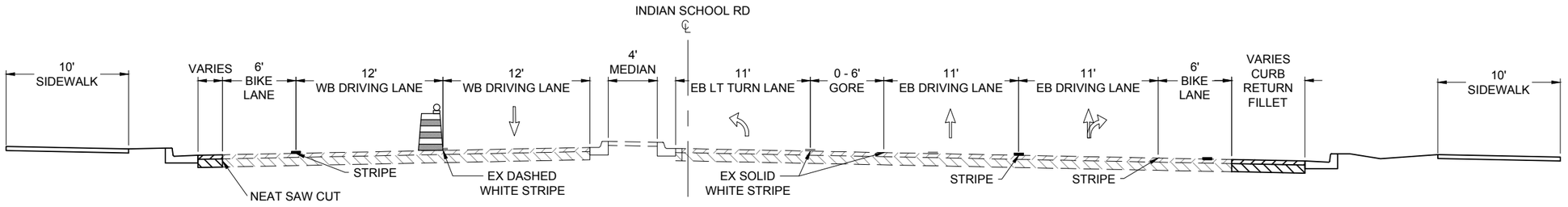
ZONE MAP NO.
H-18, H-19, J-18, J-19

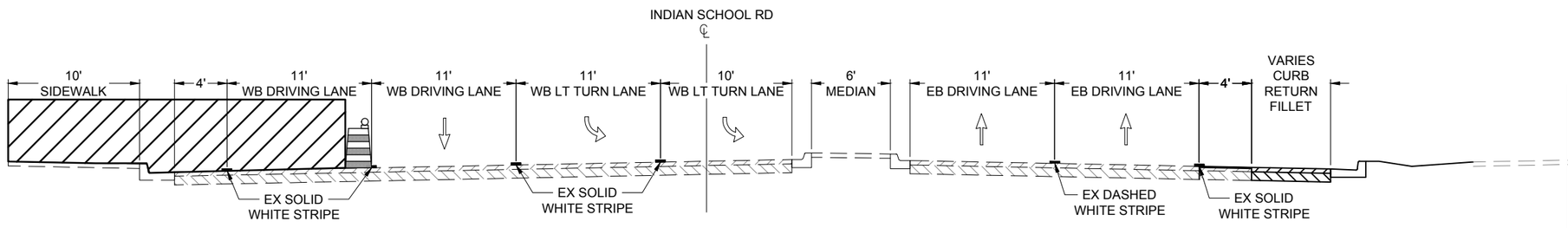
CITY PROJECT NO.
6097.31

SHEET NO.
9 - 4









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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev.=5283.222'

SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25310 REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL
TYPICAL SECTIONS
PHASE 1D

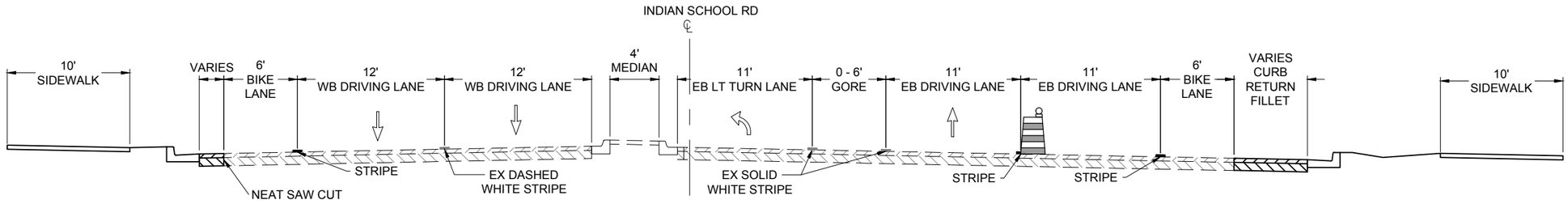
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

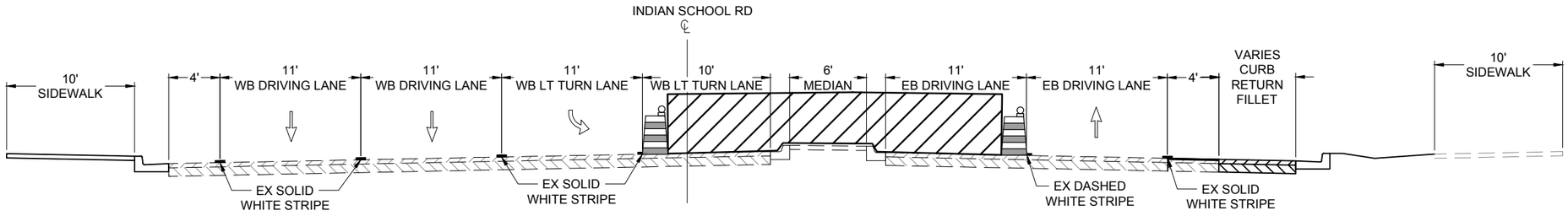
ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 5



15 TRAFFIC CONTROL TYPICAL SECTION (WEST OF LOUISIANA BLVD.)



16 TRAFFIC CONTROL TYPICAL SECTION (EAST OF LOUISIANA BLVD.)

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BENCH MARKS

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88), Elev.=5283.222'

SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25311 REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
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		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

811
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL
TYPICAL SECTIONS
PHASE 2

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 6

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

S. ZACHARY TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1A

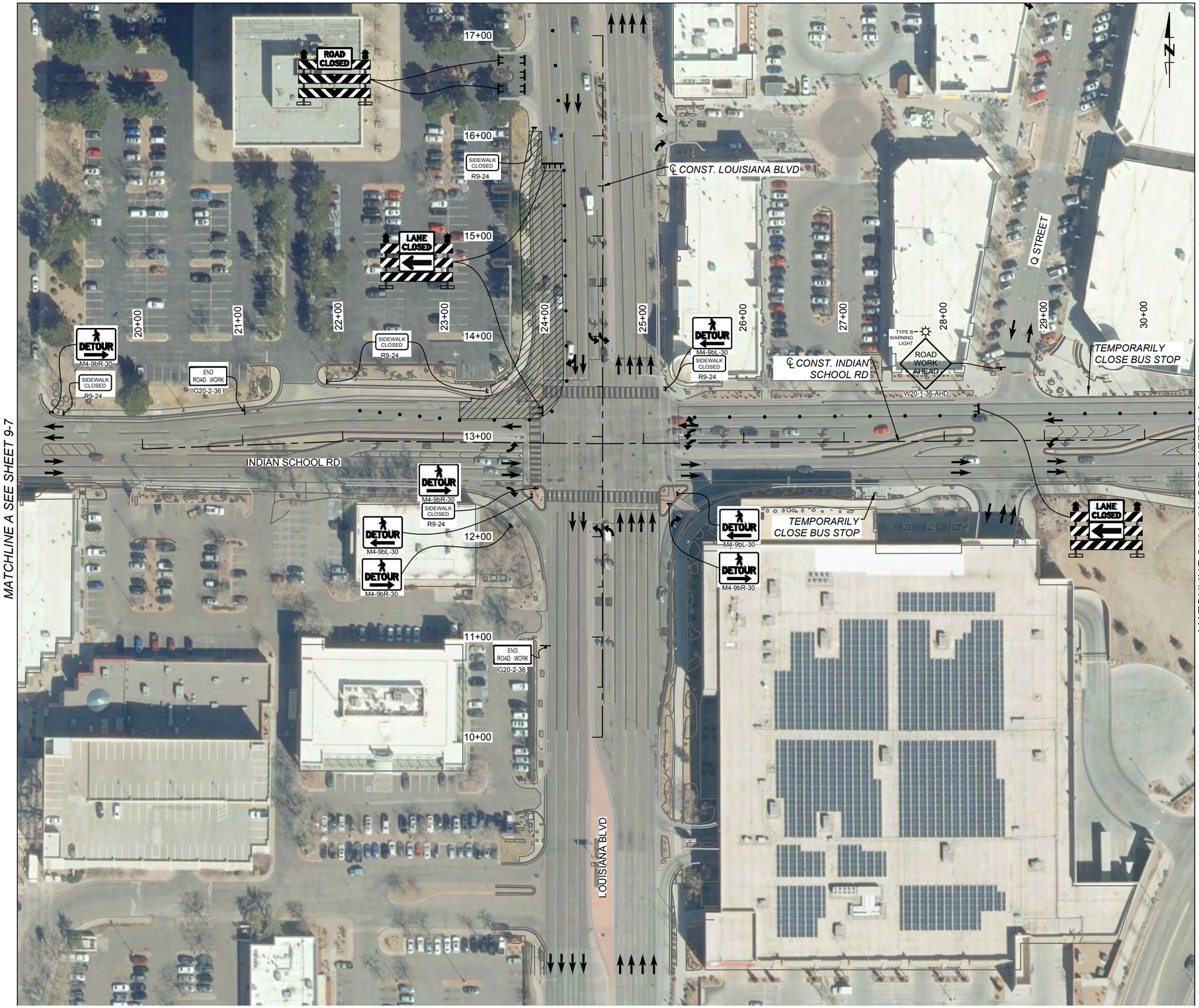
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 7

MATCHLINE B SEE SHEET 9-10



MATCHLINE A SEE SHEET 9-7

MATCHLINE C (30+50) SEE SHEET 9-9

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

S. TRONCOSO ZACHARY — NEW MEXICO — 25314 — REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	DATE:
		CONTRACTOR:	DATE:
		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
DATE	

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1A

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 9 - 8

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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

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DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

S. TRONCOSO — NEW MEXICO — 25321 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1A

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 9 - 9

MATCHLINE B SEE SHEET 9-8

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

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

CONSULTANTS

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DATUM: NAD 83
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Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25316 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION	BY:
	AS-BUILT INFORMATION	
	CONTRACTOR:	
	WORK STAKED BY:	DATE:
	INSPECTOR'S ACCEPTANCE BY:	DATE:
	FIELD VERIFICATION BY:	DATE:
	DRAWINGS CORRECTED BY:	DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1A

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 10

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

S. TROncoso · NEW MEXICO · 25314 · REGISTERED PROFESSIONAL ENGINEER · ZACHARY

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

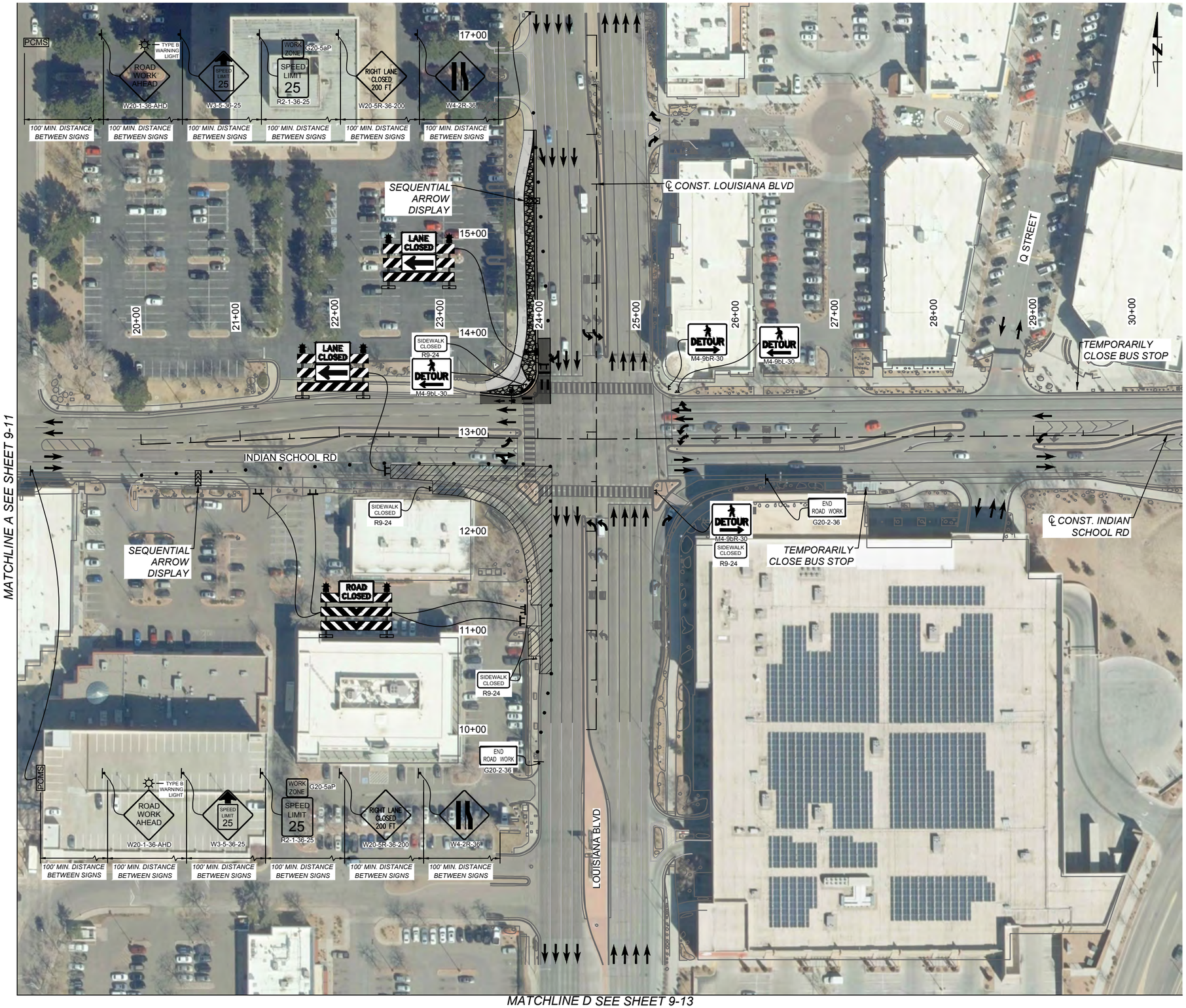
TRAFFIC CONTROL - PHASE 1B

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 11



LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

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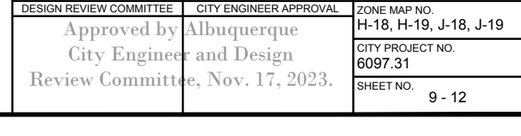
SEAL



8-24-2023

NO.	DATE	DESCRIPTION	BY
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		FIELD VERIFICATION BY: DATE:	
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1B

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 9 - 12

MATCHLINE D SEE SHEET 9-12

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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

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Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25337 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1B

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 13

MATCHLINE D SEE SHEET 9-15

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811
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CONSULTANTS

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Elev =5283.222'

SEAL

S. TRONCOSO — NEW MEXICO — 25351 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY
8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

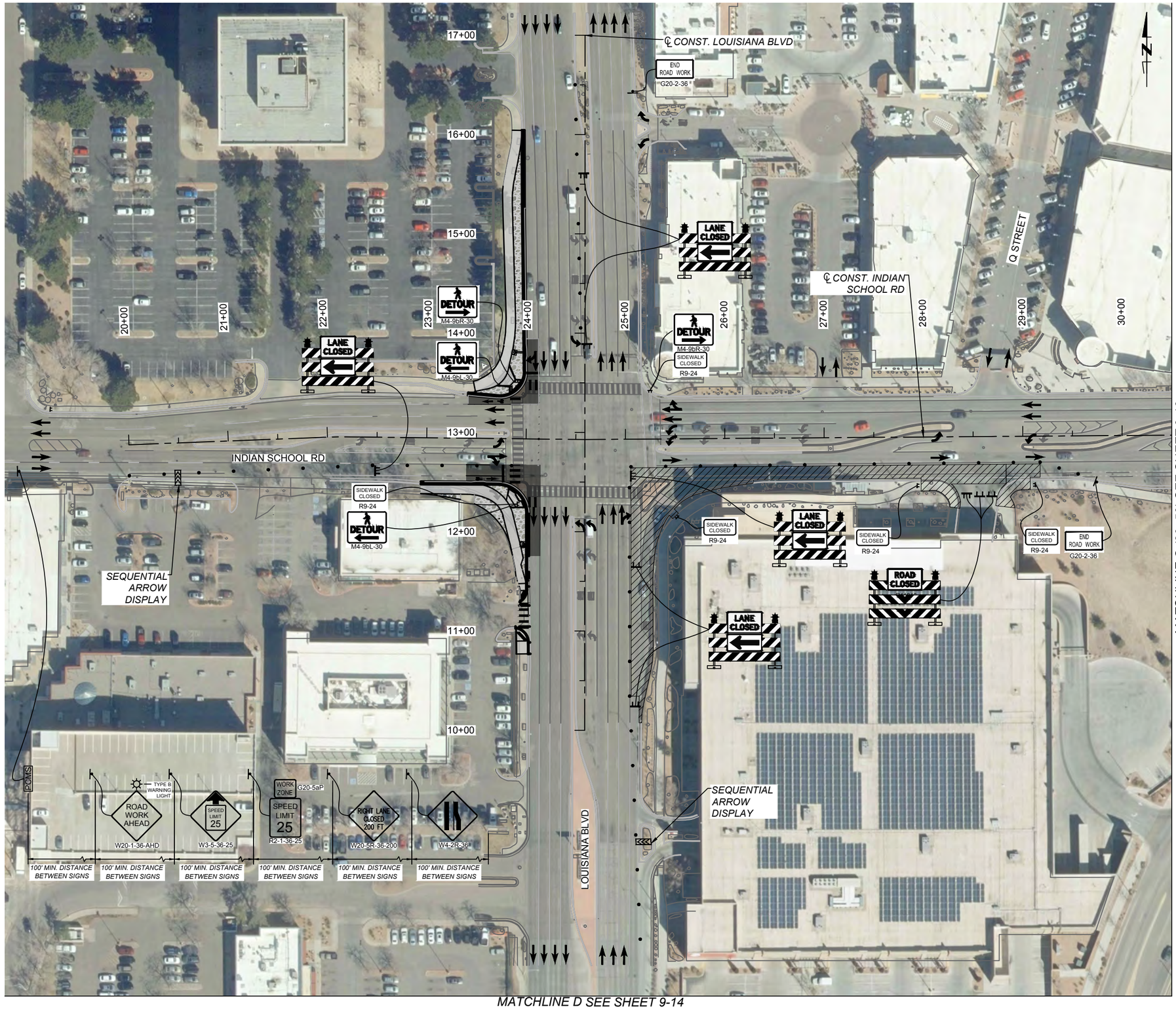
TRAFFIC CONTROL - PHASE 1C

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 14



LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
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50 25 0 50 100

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BENCH MARKS

THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 ¼ INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25310 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION	BY	DATE
	AS-BUILT INFORMATION		
	CONTRACTOR:		
	WORK STAKED BY:		DATE:
	INSPECTOR'S ACCEPTANCE BY:		DATE:
	FIELD VERIFICATION BY:		DATE:
	DRAWINGS CORRECTED BY:		DATE:

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1C

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 15

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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

CONSULTANTS

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SEAL

S. TRONCOSO ZACHARY — NEW MEXICO — 25351 — REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
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		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

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DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1C

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 16

MATCHLINE D SEE SHEET 9-18

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

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SEAL

S. TRONCOSO ZACHARY 25371 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

8-24-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR: DATE:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

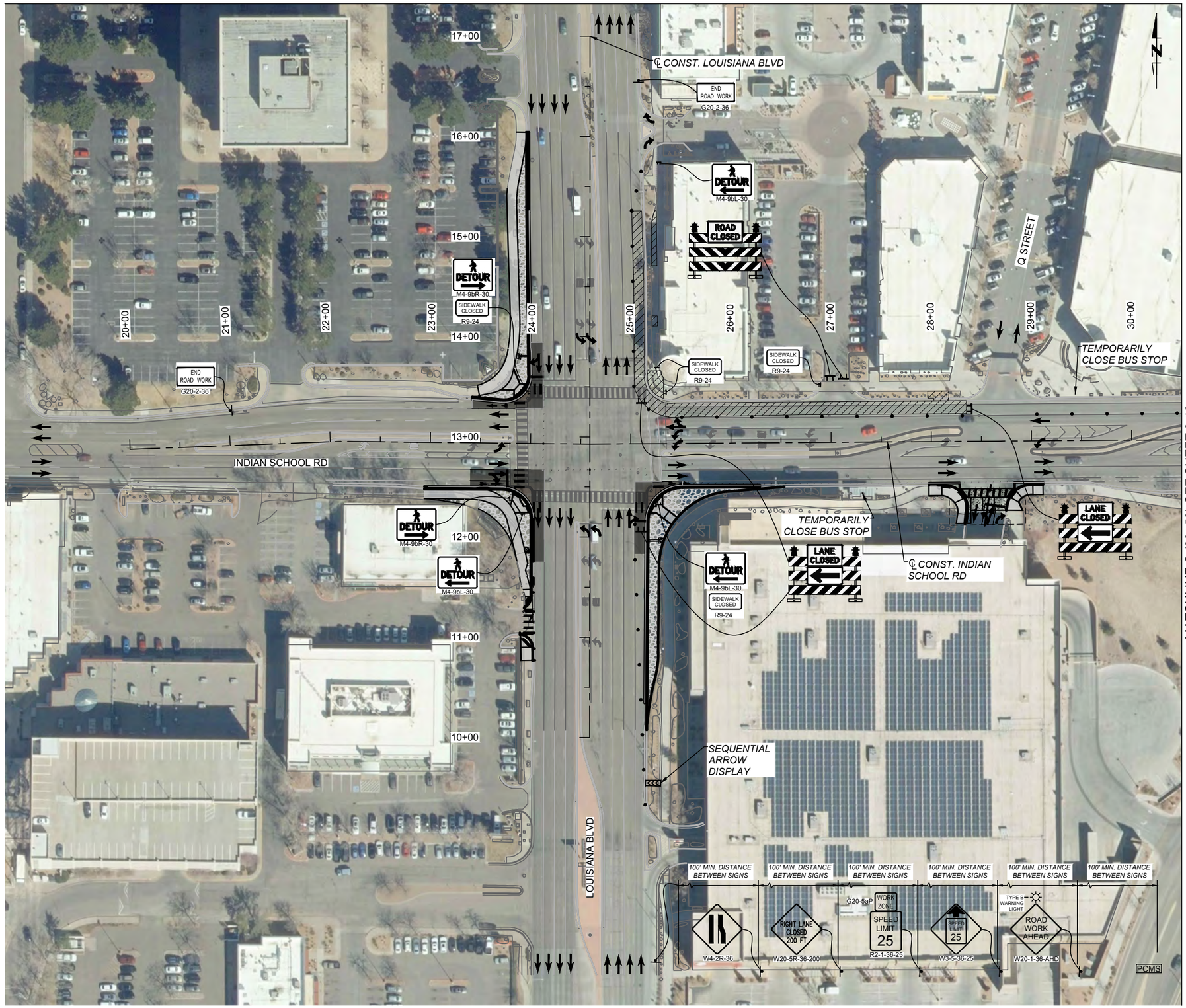
TRAFFIC CONTROL - PHASE 1D

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 17



LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1D

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 18

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25311 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION	BY
	DATE	
	AS-BUILT INFORMATION	
	WORK STAKED BY: DATE:	
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DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 1D

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 19

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

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SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25321 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DESCRIPTION	BY
	DATE	
	AS-BUILT INFORMATION	
	CONTRACTOR:	
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	FIELD VERIFICATION BY:	DATE:
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DESIGNED BY:
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CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

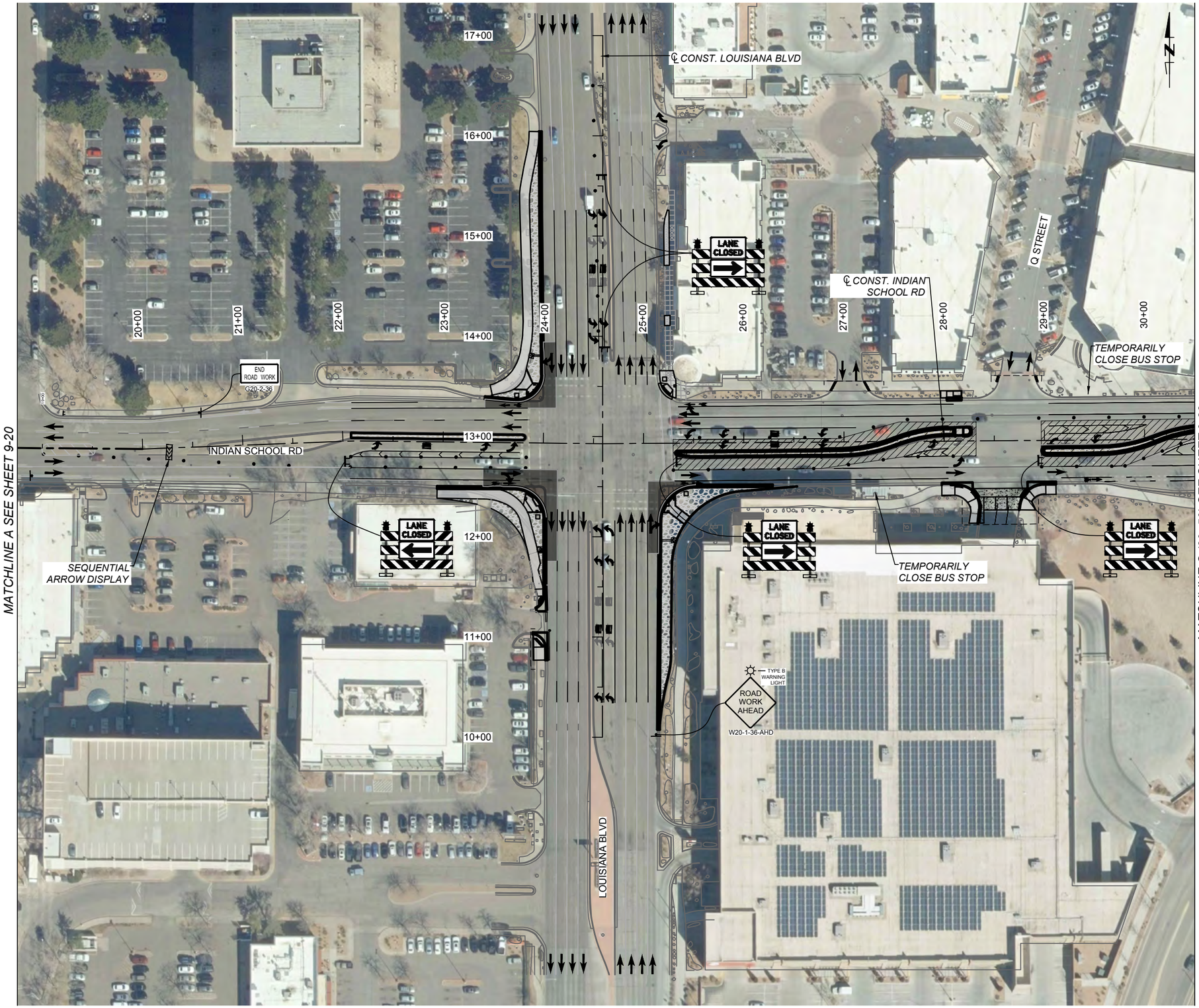
TRAFFIC CONTROL - PHASE 2

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 20



LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

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SEAL

S. TRONCOSO ZACHARY NEW MEXICO 25351 REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 2

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 9 - 21

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

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SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25370 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

NO.	DATE	DESCRIPTION	BY
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DESIGNED BY:
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DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 2

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 22

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811
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DATE	

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 3

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.		ZONE MAP NO. H-18, H-19, J-18, J-19
		CITY PROJECT NO. 6097.31
		SHEET NO. 9 - 23

MATCHLINE D SEE SHEET 9-26

MATCHLINE D SEE SHEET 9-25

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE
- SEQUENTIAL ARROW DISPLAY
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW DIRECTION

USE THE SIGNS & CHANNELIZING DEVICES SHOWN ON THIS SHEET (9-23) IN COMBINATION WITH THE SIGNS & CHANNELIZING DEVICES ON SHEET (9-22).

50 25 0 50 100

SCALE: 1" = 50' (22"x34") PLOT
SCALE: 1" = 100' (11"x17") PLOT

811

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

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ZACHARY S. TRONCOSO — NEW MEXICO — 25311 — REGISTERED PROFESSIONAL ENGINEER
8-24-2023

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CITY OF ALBUQUERQUE
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ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 3

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 24

MATCHLINE D SEE SHEET 9-23

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
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ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 3

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 25

MATCHLINE D SEE SHEET 9-23

LEGEND

- WORK ZONE
- DRUM
- TRAFFIC CONTROL SIGN
- TYPE III BARRICADE
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ZACHARY S. TRONCOSO — NEW MEXICO — 25371 — REGISTERED PROFESSIONAL ENGINEER

8-24-2023

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ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

TRAFFIC CONTROL - PHASE 3

DESIGN REVIEW COMMITTEE

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.

CITY ENGINEER APPROVAL

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 26

SUMMARY OF TRAFFIC CONTROL SIGNING & DEVICE QUANTITIES - FOR CONTRACTORS INFORMATION ONLY*

CONSTRUCTION SIGNING AND DEVICE QUANTITIES					CONSTRUCTION SIGNING		STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING							PORTABLE CHANGEABLE MESSAGE SIGN	SEQUENTIAL ARROW DISPLAY	BARRICADE, TYPE III 8'	PORTABLE SIGN SUPPORT	CHANNELIZATION DEVICE, TYPE DRUM
							MOUNTING REQUIREMENTS											
							POST LENGTHS				BASE POST		TOTAL POST LENGTH					
SIGN CODE	MESSAGE	WIDTH (IN.)	HEIGHT (IN.)	SIGN SIZE SQ. FT.	MAX USE	TOTAL SIGN AREA (SQ. FT.)	LEFT	CENTER	RIGHT	TOTAL LENGTH	NO.	TOTAL LENGTH						
														6	4	54	35	148
G20-2-36	END ROAD WORK	36	18	4.5	4	18.0		11.00		44.00	4	14.0	58.0					
G20-5aP	WORK ZONE PLACARD	24	18	3.0	4	12.0	(MOUNT ON COMMON POST)											
M4-8a	END DETOUR	24	18	3.0	4	12.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
M4-8-24	DETOUR	24	12	2.0	9	18.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
M6-3-21	STRAIGHT ARROW UPWARDS	21	15	2.2	8	17.5	(MOUNT ON PORTABLE SIGN SUPPORT)											
NM-BIL-96	BIPARTISAN INFRASTRUCTURE LAW	96	60	40.0	8	320.0	14.50	14.50	14.50	348.00	24	84.0	432.0					
R2-1-36-25	SPEED LIMIT 25	30	36	7.5	4	30.0		14.00		56.00	4	14.0	70.0					
R3-1-36	NO RIGHT TURN	36	36	9.0	6	54.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
R3-2-36	NO LEFT TURN	36	36	9.0	4	36.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
R3-7R-36	RIGHT LANE MUST TURN RIGHT	36	36	9.0	2	18.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
R11-2-48	ROAD CLOSED	48	30	10.0	52	520.0	(MOUNT ON BARRICADE TYPE III)											
R11-2-48	LANE CLOSED	48	30	10.0	8	80.0	(MOUNT ON BARRICADE TYPE III)											
SP-1	2 RIGHT LANES MUST TURN RIGHT	84	36	21.0	2	42.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
SP-2	2 LEFT LANES MUST TURN LEFT	84	36	21.0	2	42.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
SP-3	STREET SIGN LOUISIANA	54	12	21.0	5	105.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
SP-4	STREET SIGN INDIAN SCHOOL	66	12	21.0	4	84.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
W1-6L-48	LEFT ARROW	48	24	8.0	9	72.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
W4-2R-36	LANE ENDS RIGHT	36	36	9.0	3	27.0		11.50		34.50	3	10.5	45.0					
W20-1-36-AHD	ROAD WORK AHEAD	36	36	9.0	12	108.0		11.50		138.00	12	42.0	180.0					
W20-2-36-1000	DETOUR 1000 FT	36	36	9.0	1	9.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
W20-3-36-AHD	ROAD CLOSED AHEAD	36	36	9.0	4	36.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
W20-5aL-36	LEFT TWO LANES CLOSED AHEAD	36	36	9.0	1	9.0	(MOUNT ON PORTABLE SIGN SUPPORT)											
W20-5aR-36	RIGHT TWO LANES CLOSED AHEAD	36	36	9.0	1	9.0		11.50		11.50	1	3.5	15.0					
W20-5R-36-200	RIGHT LANE CLOSED 200 FT	36	36	9.0	2	18.0		11.50		23.00	2	7.0	30.0					
					PROJECT TOTAL	1806.5							910.5	6	4	54	35	148
					PROJECT USE	**1900**							**1000**	**6**	**4**	**55**	**40**	**150**

SUMMARY OF TRAFFIC CONTROL SIGNING & DEVICE QUANTITIES FOR PEDESTRIANS AND BICYLCISTS - FOR CONTRACTORS INFORMATION ONLY*

CONSTRUCTION SIGNING AND DEVICE QUANTITIES					CONSTRUCTION SIGNING		STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING						BARRICADE, TYPE II
							MOUNTING REQUIREMENTS						
							POST LENGTHS				BASE POST		
SIGN CODE	MESSAGE	WIDTH (IN.)	HEIGHT (IN.)	SIGN SIZE SQ. FT.	MAX USE	TOTAL SIGN AREA (SQ. FT.)	LEFT	CENTER	RIGHT	TOTAL LENGTH	NO.	TOTAL LENGTH	
M4-9bL-30	PEDESTRIAN DETOUR LEFT	30	24	5.0	7	35.0	(MOUNT ON BARRICADE, TYPE II)						7
M4-9bR-30	PEDESTRIAN DETOUR RIGHT	30	24	5.0	6	30.0	(MOUNT ON BARRICADE, TYPE II)						6
R9-11L	SIDEWALK CLOSED AHEAD LEFT	30	24	5.0	1	5.0	(MOUNT ON BARRICADE, TYPE II)						1
R9-11R	SIDEWALK CLOSED AHEAD RIGHT	30	24	5.0	2	10.0	(MOUNT ON BARRICADE, TYPE II)						2
R9-24	SIDEWALK CLOSED	24	12	2.0	6	12.0	(MOUNT ON BARRICADE, TYPE II)						6
					PROJECT TOTAL	92.0							22
					PROJECT USE	**100**							**22**

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

CONSULTANTS

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
5500 SAN MATEO BLVD. NE | ALBUQUERQUE, NM 87113
P 505.821.4700
WWW.PARAMETRIX.COM

BENCH MARKS
THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET FLUSH WITH THE TOP OF CURB AND STAMPED "20-H18 1989". THE STATION IS LOCATED 4.9 MILES NE OF DOWNTOWN ALBUQUERQUE, IN THE MEDIAN AT THE SOUTH SIDE OF THE INTERSECTION OF LOUISIANA BLVD AND UPTOWN BLVD NE.
DATUM: NAD 83
N=1493154.978, E=1545048.21 (BASED ON NAVD 88),
Elev =5283.222'

SEAL

ZACHARY S. TRONCOSO — NEW MEXICO — 25310 — REGISTERED PROFESSIONAL ENGINEER
10-6-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

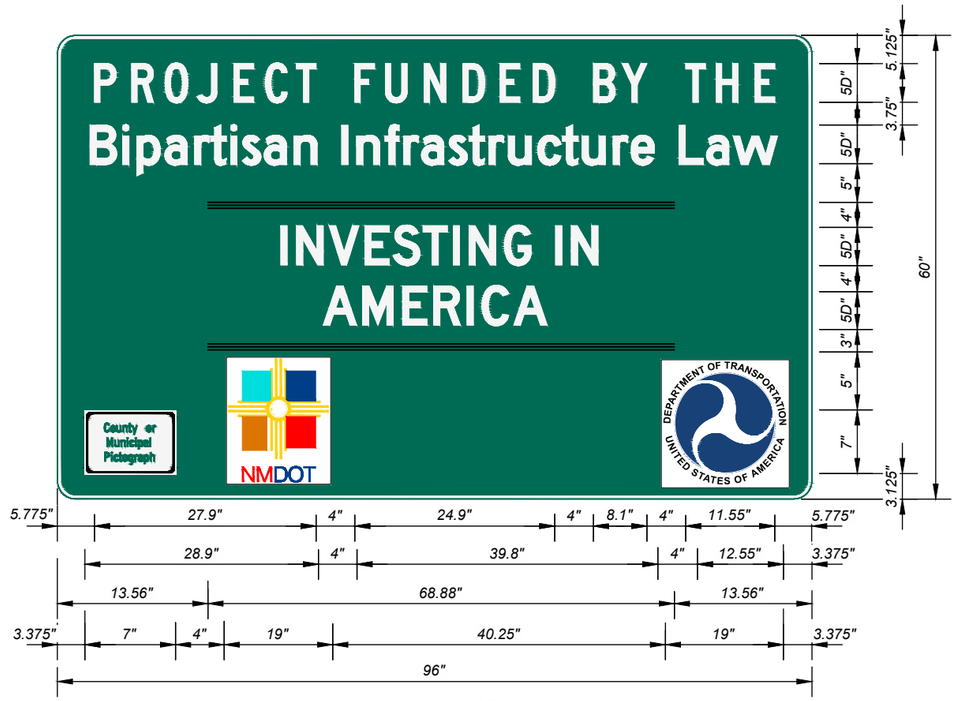
TRAFFIC CONTROL QUANTITIES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 17, 2023.	

ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9 - 27



NM-BIL-96
WHITE/GREEN

1. NM-BIL-96 (W/G) SHALL BE PLACED 250' DOWNSTREAM OF SP-3 AS SHOWN IN NMDOT STANDARD DRAWING 702-03-3/4, "PROJECT LIMIT SIGNING".

2. ON 2 LANE HIGHWAYS SIGN IS ONLY REQUIRED ON THE RIGHT SIDE OF THE HIGHWAY. ON 4 LANE HIGHWAYS AND INTERSTATES SIGNS SHALL BE PLACED ON BOTH THE LEFT AND RIGHT SIDES OF THE HIGHWAY.

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SEAL

S. TRONCOSO — NEW MEXICO — 25321 — REGISTERED PROFESSIONAL ENGINEER — ZACHARY
10-6-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
		FIELD VERIFICATION BY: DATE:	
		DRAWINGS CORRECTED BY: DATE:	

811
CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

UPTOWN INTERSECTION IMPROVEMENTS

BIPARTISAN INFRASTRUCTURE LAW SIGNING

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
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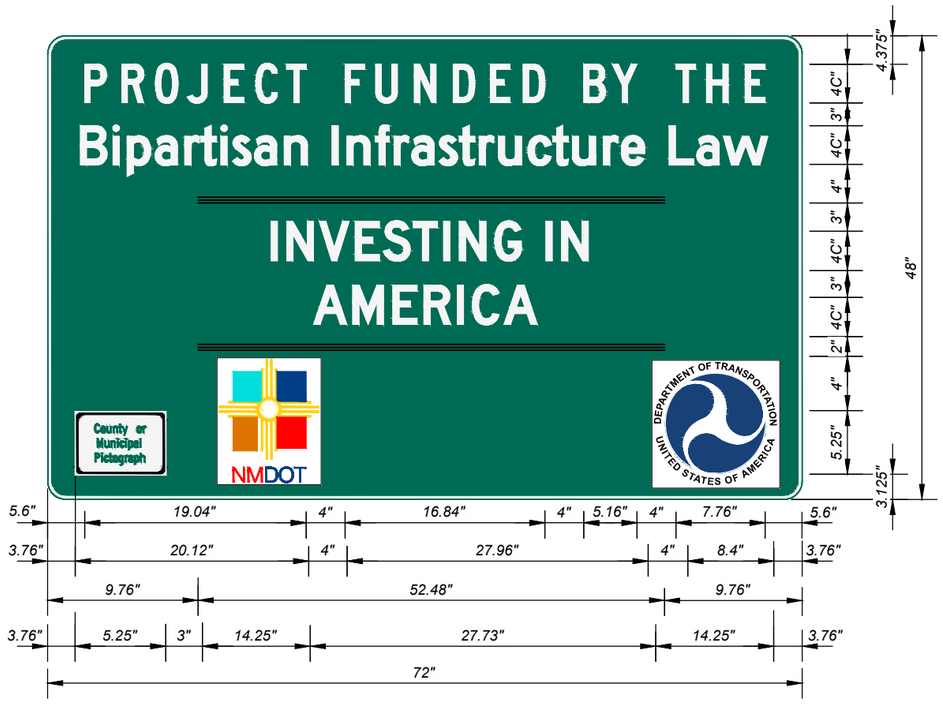
ZONE MAP NO.
H-18, H-19, J-18, J-19

CITY PROJECT NO.
6097.31

SHEET NO.
9-28



NM-BILa-72
WHITE/GREEN

1. NM-BILa-72 (W/G) SHALL BE USED IN PLACE OF NM-BIL-96 IN URBAN AREAS WITH LIMITED SPACE FOR INSTALLATION. APPROVAL FROM THE PROJECT MANAGER SHALL BE OBTAINED PRIOR TO USING NM-BILa-72 (W/G).

2. WHEN USED, NM-BILa-72 (W/G) SHALL BE PLACED 250' DOWNSTREAM OF SP-3 AS SHOWN IN NMDOT STANDARD DRAWING 702-03-3/4, "PROJECT LIMIT SIGNING".

3. ON 2 LANE HIGHWAYS SIGN IS ONLY REQUIRED ON THE RIGHT SIDE OF THE HIGHWAY. ON 4 LANE HIGHWAYS AND INTERSTATES SIGNS SHALL BE PLACED ON BOTH THE LEFT AND RIGHT SIDES OF THE HIGHWAY.

811
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S. TRONCOSO ZACHARY 25316 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
10-6-2023

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY: DATE:	
		INSPECTOR'S ACCEPTANCE BY: DATE:	
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		DRAWINGS CORRECTED BY: DATE:	

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9-29