

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS

BROADWAY BOULEVARD RECONSTRUCTION FROM DR. MARTIN LUTHER KING JR AVENUE TO LOMAS BOULEVARD COA PROJECT 6319.96

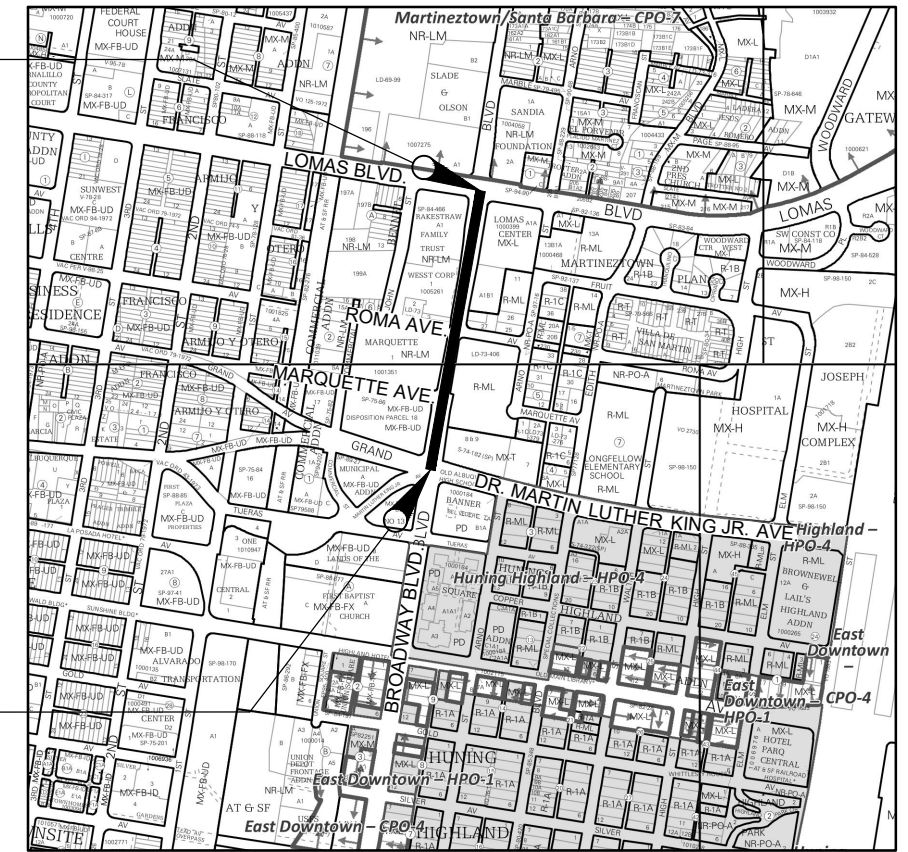
**DRAFT 60% PROGRESS PLANS
2/22/2024**



NOTE:
HALF SIZE PLAN SET. SCALES ARE BASED
OFF OF 22"X34" FULL SIZE SHEETS.

END OF PROJECT
STA. 23+96.76

BEGINNING OF PROJECT
STA. 10+45.77

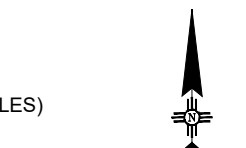


VICINITY MAP
ZONE ATLAS MAPS : K14, J14
SCALE 1"=500'
PROJECT LENGTH = 1350.99 FT (0.256 MILES)

PROJECT DESCRIPTION:
IMPLEMENTATION OF CABQ COMPLETE STREETS ORDINANCE, INCLUDING PAVEMENT RECONSTRUCTION, ADA SIDEWALK AND RAMP IMPROVEMENTS, PEDESTRIAN AND BICYCLIST AMENITIES, LANDSCAPED MEDIANS, TRAFFIC SIGNALS, LIGHTING, AND OTHER ANCILLARY IMPROVEMENTS.

PROJECT CONTACTS:

CABQ DMD PROJECT MANAGER: ABE BORTZ-JOHNSON (505) 228-1244
DESIGN ENGINEER (WSP USA): ANDREW SUTLIFF, PE (505) 878-6573



SHEET NO.	DESCRIPTION	GROUP	
1-1	COVER SHEET	GENERAL PROJECT INFORMATION	
1-2	GENERAL NOTES		
1-3	SUMMARY OF QUANTITIES (NOT INCLUDED IN DRAFT)		
1-4	ESTIMATED STRUCTURE QUANTITIES (NOT INCLUDED IN DRAFT)		
1-5	SURFACING SCHEDULE (NOT INCLUDED IN DRAFT)		
1-6 THRU 1-7	MISCELLANEOUS QUANTITIES (NOT INCLUDED IN DRAFT)		
1-8 THRU 1-10	REMOVAL PLANS		
1-11 THRU 1-12	EXISTING TYPICAL SECTIONS		
1-13 THRU 1-14	PROPOSED TYPICAL SECTIONS		
1-15	PROPOSED TYPICAL SECTION DETAILS		
SUBTOTAL=15			
2 SERIES	NOT USED		ROW DETAILS (NOT USED)
3-0	SURVEY CONTROL MAP		ROADWAY DETAILS
3-1	HORIZONTAL LAYOUT		
3-2 THRU 3-4	PLAN AND PROFILES		
3-5 THRU 3-8	CURB RAMP DETAILS		
3-9 TO 3-11	INTERSECTION DETAILS		
3-12	DRIVEPAD DETAILS		
SUBTOTAL=13			
4 SERIES	NOT USED	STRUCTURAL DETAILS	

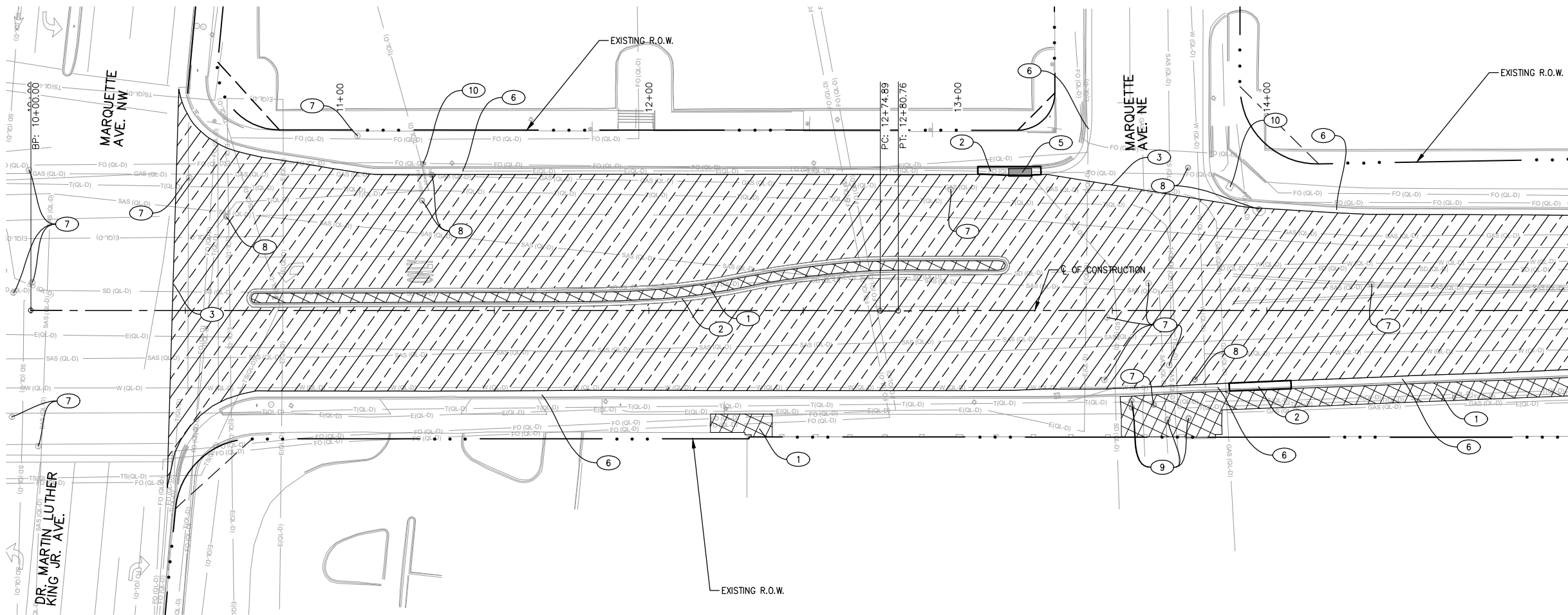
SHEET NO.	DESCRIPTION	GROUP	
5-1	PERMANENT SIGNING AND STRIPING NOTES AND QUANTITIES	TRAFFIC DETAILS	
5-2	PERMANENT SIGN FACE DETAILS		
5-3	PERMANENT STRIPING DETAILS		
5-4 THRU 5-6	PERMANENT SIGNING AND STRIPING PLANS		
5-7	LIGHTING NOTES AND QUANTITIES		
5-8 THRU 5-10	LIGHTING PLANS		
5-11 THRU 5-12	TRAFFIC SIGNAL NOTES AND QUANTITIES		
5-13 THRU 5-35	BROADWAY SIGNAL PLANS		
SUBTOTAL=35			
6 SERIES	NOT USED (NOT INCLUDED IN DRAFT)		DRAINAGE DETAILS
7-1 THRU 7-3	EXISTING UTILITY PLANS		UTILITY SHEETS
SUBTOTAL=3			
8-1 THRU 8-3	IRRIGATION PLAN		LANDSCAPING DETAILS
8-4	IRRIGATION DETAILS		
8-5 THRU 8-7	PLANTING / CONSTRUCTION PLAN		
8-8	CONSTRUCTION/ LANDSCAPE DETAILS		
SUBTOTAL=8			
13-1 THRU 13-7	ROADWAY CROSS SECTIONS	CROSS SECTIONS	
SUBTOTAL=7			
PLAN SET TOTAL=81			

60% SUBMITTAL
NOT FOR CONSTRUCTION

REV.	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE APPROVALS ENGINEER DATE *****						
			APPROVED FOR CONSTRUCTION			
City Engineer Date			City Engineer Date			
PROJECT NO. COA: 6319.96			SHEET 1-1			



<p>1. GENERAL THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.</p> <p>2. SPECIFICATIONS ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 2020 EDITION UPDATE 1 AND WILL BE REFERRED TO HEREIN AS 'STANDARD SPECIFICATIONS'.</p> <p>3. BUSINESS ACCESS THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AS WELL AS RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 48 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CITY ENGINEER. THIS WORK SHALL BE INCLUDED AND PAID FOR UNDER ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.).</p> <p>4. CONSTRUCTION SCHEDULE TEN (10) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A CONSTRUCTION SCHEDULE, THAT SHALL BE SUBMITTED AND UPDATED IN ACCORDANCE WITH THE CONTRACT, FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION SERVICES DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADING ENGINEER (505-924-3400) PRIOR TO OCCUPYING AN INTERSECTION. THIS WORK SHALL BE INCLUDED IN ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.).</p> <p>5. THE CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 AM NOR CONTINUE WORK AFTER 7:00 PM WITHOUT THE APPROVAL OF THE CITY CONSTRUCTION PROJECT MANAGER.</p> <p>6. NM ONE-CALL TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, (505) 260-1990, FOR LOCATION OF EXISTING UTILITIES.</p> <p>7. PERMITS CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. PERMITS SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED WORK PERFORMED.</p> <p>8. 24-HOUR CONSTRUCTION ALL WORK IMPACTING ARTERIAL ROADWAY MAY REQUIRE 24-HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY. THE CITY CONSTRUCTION PROJECT MANAGER SHALL DETERMINE IF 24-HOUR CONSTRUCTION IS REQUIRED AND COORDINATE WITH THE CONTRACTOR.</p> <p>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.</p> <p>10. OVERNIGHT PARKING OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.</p> <p>11. CONSTRUCTION CLEAR ZONE THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 3 FEET FROM THE FACE OF CURB. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY 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.).</p> <p>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.</p> <p>13. SURVEY MONUMENTS THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT THE CONTRACTOR'S EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.</p> <p>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. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.</p> <p>15. BUILDING DAMAGE IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ADJACENT TO THE PROJECT NOT BE DAMAGED DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL COSTS INCURRED IN RESTORING/REPAIRING SAID DAMAGE.</p> <p>16. 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. THIS WORK SHALL BE INCLUDED IN ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.).</p> <p>17. AS-BUILTS THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT ENGINEER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT ENGINEER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED AND ACCEPTED BY THE PROJECT ENGINEER PRIOR TO FINAL PAYMENT.</p> <p>18. GRAFFITI THE CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, FACILITIES, APPURTENANCES, AND ANY AND ALL BARRICADING AND SIGNAGE ASSOCIATED WITH THE PROJECT, WHETHER PERMANENT OR TEMPORARY. THIS WORK SHALL BE INCLUDED IN ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.).</p> <p>19. CONSTRUCTION SIGNING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT IS ACCEPTED BY THE CITY.</p> <p>20. 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.</p> <p>21. EXISTING TIE-IN CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.</p> <p>22. PULL BOX 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, CIP.). ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.</p> <p>23. CURB RAMPS BEFORE SCHEDULING DELIVERY OF CONCRETE, CONTRACTOR SHALL MEET WITH CITY INSPECTOR/CONSTRUCTION PROJECT MANAGER TO ENSURE THE CONCRETE FORMWORK IS CONSTRUCTED TO DIMENSIONS AND GRADES SHOWN ON PLANS AND MEETS PROWAG, 2011 TECHNICAL DESIGN CRITERIA. CONTRACTOR SHALL CALIBRATE 24" ELECTRONIC DIGITAL LEVEL PRIOR TO VERIFYING MEASUREMENTS. CONTRACTOR SHALL VERIFY MEASUREMENTS MEET REQUIREMENTS OR REQUIRE CORRECTION OF ALL DISCREPANCIES BEFORE SCHEDULING OF CONCRETE TO ENSURE THE FINISHED CONCRETE WILL MEET PROWAG REQUIREMENTS. WHEN ALL MEASUREMENTS MEET REQUIREMENTS THEN THE INSPECTOR SHALL PERMIT CONCRETE POUR. CONTRACTOR SHALL REPEAT THE PROCEDURE AFTER CONCRETE POUR TO ENSURE THE CURB RAMP MEETS PROWAG COMPLIANCE. FINAL ACCEPTANCE OF A CURB RAMP DOES NOT OCCUR UNTIL THE FINAL INSPECTION OF THE PROJECT. THIS PROCEDURE SHALL BE INCLUDED IN</p>	<p>ITEM 340.023 (WHEELCHAIR ACCESS RAMP, 4" PCC, STD. CURB, CIP. SD 2418).</p> <p>24. SAWCUT WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAWCUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS WORK SHALL BE PAID FOR UNDER ITEM 343.020 (EXISTING PAVEMENT, ASPHALT CONCRETE, UP TO 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.) OR ITEM 343.030 (EXISTING PAVEMENT, ASPHALT CONCRETE, MORE THAN 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.).</p> <p>25. FIELD VERIFICATION THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO FINISHED GRADE TO COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.</p> <p>26. DAMAGE REPAIR THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT STRIPING & MARKINGS, CURB AND GUTTER, DRIVEPADS, CURB RAMPS, SIGNAGE AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REMOVE AND REPLACE AS PER PROWAG STANDARDS AT THEIR OWN EXPENSE. DAMAGED PAVEMENT STRIPING & MARKINGS SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.</p> <p>27. REMOVALS THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT AS SHOWN ON REMOVAL PLAN SHEETS.</p> <p>28. CONCRETE REMOVAL WHEN REMOVAL OF EXISTING CURB AND GUTTER, VALLEY GUTTER, OR SIDEWALK IS REQUIRED, CONTRACTOR SHALL REMOVE TO NEAREST JOINT.</p> <p>29. 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. THIS WORK SHALL BE INCLUDED IN ITEM 201.010 (SITE CLEARING & GRUBBING, COMPL.).</p> <p>30. 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.</p> <p>31. EXISTING STRUCTURES THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES WITHIN THE CONSTRUCTION AREA THAT ARE TO REMAIN OPERATIONAL. ALL STRUCTURES (NEW AND EXISTING) SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK SHALL BE INCLUDED IN ITEM 201.010 (SITE CLEARING & GRUBBING, COMPL.).</p> <p>32. OSHA REQUIREMENTS EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR EMPLOYEES SAFETY.</p> <p>33. EXISTING UTILITIES IN PLAN ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, C.O.A. SYSTEMS, UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE THE CONTRACTORS 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.</p> <p>34. AVOIDING UTILITIES THE CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD THE CONTRACTOR BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.</p> <p>35. ADJUSTING UTILITIES ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS. THIS WORK SHALL BE COORDINATED WITH EACH UTILITY. A UTILITY COORDINATION MEETING SHALL BE SET UP BY THE CONTRACTOR A MINIMUM OF ONE (1) WEEK PRIOR TO ANY CONSTRUCTION ACTIVITY. COORDINATION OF UTILITY RELOCATION SCHEDULES SHALL BE DETAILED AT THIS MEETING. EACH UTILITY WILL BE RESPONSIBLE FOR THE COST OF THE WORK.</p> <p>36. 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 HAVE TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS.</p> <p>37. MATCHING EXISTING GRADES WHERE A PROFILE GRADE IS NOT PROVIDED IN THE PLANS, STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES. CROSS SECTION THE EXISTING GRADE PRIOR TO CONSTRUCTION AS NEEDED TO MATCH EXISTING (50' MIN.). MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE NECESSARY AND WILL BE DIRECTED BY THE PROJECT ENGINEER. MINOR ADJUSTMENTS TO THE STREET GRADES SHALL BE INCLUDED IN PAYMENT FOR RESPECTIVE PAVING ITEMS 336.021 ASPHALT CONCRETE, 1-1/2 INCH THICK, SUPERPAVE, OR 336.022 ASPHALT CONCRETE, 2 INCH THICK, SUPERPAVE. 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.</p> <p>38. HUMAN REMAINS IF HUMAN REMAINS ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE ALL WORK, AND CONTACT THE OFFICE OF MEDICAL EXAMINER FOR FURTHER INSTRUCTIONS.</p> <p>39. DROP-OFF POLICY IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT'S CURRENT "DROP-OFF-GUIDELINE" AS DESCRIBED IN SECTION 900.9.4 OF THE MARCH 2020 EDITION OF THE NMDOT DESIGN MANUAL. THIS WORK SHALL BE INCLUDED IN ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.).</p> <p>40. VIBRATION MONITORING AND DIGITAL VIDEO RECORDING SHALL BE PERFORMED IN AND AROUND ALL STRUCTURES AS SHOWN ON THE DRAWINGS (SEE SCHEDULE ON SHEET 1-X). "STRUCTURE" IS DEFINED AS BUILDINGS, RETAINING AND PRIVACY WALLS, END WALLS, DROP INLETS, CATCH BASINS, SEWER AND SERVICE PIPES, DRAINS AND OTHER FEATURES THAT MY 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 1600.001 (VIBRATION MONITORING AND DIGITAL VIDEO RECORDING). SEE NOTICE TO CONTRACTORS: VIBRATION MONITORING PRE-CONSTRUCTION REQUIREMENTS.</p> <p>41. 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.</p> <p>42. R-VALUE AN R-VALUE OF 55 HAS BEEN DETERMINED FOR THIS PROJECT. 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 ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.</p> <p>43. ABCWUA COORDINATION COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY FOURTEEN (14) DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://www.abcwua.org/info-for-business-water-shut-off-and-turn-on-procedures/.</p> <p>44. PUBLIC INFORMATION : COORDINATION WITH THE CITY OF ALBUQUERQUE PUBLIC INFORMATION OFFICE (PIO), WHO WILL ADVISE THE PUBLIC OF CONSTRUCTION FOR THE DURATION OF THE PROJECT. ANY IMPACT TO THE ACCESS OF BUSINESSES SHALL BE COORDINATED SEVEN (7) DAYS IN ADVANCE WITH THE CITY OF ALBUQUERQUE AND BUSINESSES.</p>	<p>45. 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 SHALL 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.</p> <p>46. 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, CONTRACTOR SHALL NOTIFY THE ENGINEER. IN THE EVENT AN UNPLANNED CONFLICT BETWEEN AN EXISTING, BUT PREVIOUSLY UNIDENTIFIED, UTILITY LINE AND NEW CONSTRUCTION ARISES, BOTH THE OWNER OF SUCH LINE AND THE ENGINEER WILL BE NOTIFIED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGES TO PUBLIC OR PRIVATE PROPERTY TO THE OWNER OF THE PROPERTY INVOLVED, AND TO THE ENGINEER.</p> <p>47. 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 (REFER TO LIGHTING NOTES ON SHEET 5-8 FOR MORE INFORMATION).</p> <p>48. TWO (2) WEEKS PRIOR TO CONSTRUCTION, CONTRACTOR TO NOTIFY ABQ RIDE TRANSIT DEPARTMENT TO DISCUSS THE TRAFFIC CONTROL PLAN. CONTACT PERSON ANDREW DEGARMO (505) 724-3109, EMAIL ADEGARMO@CABQ.GOV. EXISTING BUS SHELTERS TO BE REMOVED AND SALVAGED, SHALL BE TRANSPORTED TO THE DAYTONA FACILITY, OR A LOCATION DETERMINED BY THE CITY CONSTRUCTION PROJECT MANAGER. THIS WORK TO BE INCLUDED IN ITEM 2535.011 (BUS SHELTER, TYPE 'C', REMOVE & SALVAGE, COMPL.).</p>																																																	
		UTILITY CONTACTS:	<table border="1"> <tr> <td>Hoover, Robert</td> <td>Office phone: (505) 269-8967</td> <td>New Mexico Gas</td> </tr> <tr> <td>Quintana, JulieAnn</td> <td>Office phone: (505) 241-4583</td> <td>PNM - Electric</td> </tr> <tr> <td>Mortus, Mike</td> <td>Office phone: (505) 269-4006</td> <td>Comcast</td> </tr> <tr> <td>Lobos, Daniel</td> <td>Office phone: (505) 252-9472</td> <td>Century Link/Lumen/Terra Technologies</td> </tr> <tr> <td>Medina, Alejandro</td> <td>Office phone: (505) 315-6601</td> <td>ABCWUA</td> </tr> <tr> <td>Mang, Michael</td> <td>Office phone: (505) 328-6264</td> <td>ADB Companies</td> </tr> <tr> <td>Coria, Jeffrey</td> <td>Office phone: (505) 263-4938</td> <td>Verizon</td> </tr> <tr> <td>Hufnagel, John</td> <td>Office phone: (505) 301-9118</td> <td>United Private Networks</td> </tr> <tr> <td>Riley, Kenneth</td> <td>Office phone: (505) 234-0799</td> <td>Zayo</td> </tr> <tr> <td>Lopez, Willie</td> <td>Office phone: (505) 401-8147</td> <td>City of Albuquerque - Storm Drains</td> </tr> <tr> <td>Flores, Alfred</td> <td>Office phone: (505) 235-4382</td> <td>City of Albuquerque - Street Lighting Dept.</td> </tr> <tr> <td>Tran, Mike</td> <td>Office phone: (505) 857-8689</td> <td>City of Albuquerque</td> </tr> <tr> <td>Bailey, Courtney</td> <td>Office phone: (724) 416-0960</td> <td>Crown Castle</td> </tr> <tr> <td>Coria, Jeff</td> <td>Office phone: (505) 263-4938</td> <td>MCI Cable (owned by Verizon)</td> </tr> <tr> <td>Fukuzawa, Ty</td> <td>Office phone: (505) 241-4580</td> <td>PNM - Fiber</td> </tr> <tr> <td>Gonzalez, Hector</td> <td>Office phone: (505) 235-7121</td> <td>Unite Private Fiber (UPN)</td> </tr> </table>	Hoover, Robert	Office phone: (505) 269-8967	New Mexico Gas	Quintana, JulieAnn	Office phone: (505) 241-4583	PNM - Electric	Mortus, Mike	Office phone: (505) 269-4006	Comcast	Lobos, Daniel	Office phone: (505) 252-9472	Century Link/Lumen/Terra Technologies	Medina, Alejandro	Office phone: (505) 315-6601	ABCWUA	Mang, Michael	Office phone: (505) 328-6264	ADB Companies	Coria, Jeffrey	Office phone: (505) 263-4938	Verizon	Hufnagel, John	Office phone: (505) 301-9118	United Private Networks	Riley, Kenneth	Office phone: (505) 234-0799	Zayo	Lopez, Willie	Office phone: (505) 401-8147	City of Albuquerque - Storm Drains	Flores, Alfred	Office phone: (505) 235-4382	City of Albuquerque - Street Lighting Dept.	Tran, Mike	Office phone: (505) 857-8689	City of Albuquerque	Bailey, Courtney	Office phone: (724) 416-0960	Crown Castle	Coria, Jeff	Office phone: (505) 263-4938	MCI Cable (owned by Verizon)	Fukuzawa, Ty	Office phone: (505) 241-4580	PNM - Fiber	Gonzalez, Hector	Office phone: (505) 235-7121	Unite Private Fiber (UPN)
Hoover, Robert	Office phone: (505) 269-8967	New Mexico Gas																																																	
Quintana, JulieAnn	Office phone: (505) 241-4583	PNM - Electric																																																	
Mortus, Mike	Office phone: (505) 269-4006	Comcast																																																	
Lobos, Daniel	Office phone: (505) 252-9472	Century Link/Lumen/Terra Technologies																																																	
Medina, Alejandro	Office phone: (505) 315-6601	ABCWUA																																																	
Mang, Michael	Office phone: (505) 328-6264	ADB Companies																																																	
Coria, Jeffrey	Office phone: (505) 263-4938	Verizon																																																	
Hufnagel, John	Office phone: (505) 301-9118	United Private Networks																																																	
Riley, Kenneth	Office phone: (505) 234-0799	Zayo																																																	
Lopez, Willie	Office phone: (505) 401-8147	City of Albuquerque - Storm Drains																																																	
Flores, Alfred	Office phone: (505) 235-4382	City of Albuquerque - Street Lighting Dept.																																																	
Tran, Mike	Office phone: (505) 857-8689	City of Albuquerque																																																	
Bailey, Courtney	Office phone: (724) 416-0960	Crown Castle																																																	
Coria, Jeff	Office phone: (505) 263-4938	MCI Cable (owned by Verizon)																																																	
Fukuzawa, Ty	Office phone: (505) 241-4580	PNM - Fiber																																																	
Gonzalez, Hector	Office phone: (505) 235-7121	Unite Private Fiber (UPN)																																																	
		<p>NOT FOR SUBMITTAL FOR CONSTRUCTION</p>																																																	
		<table border="1"> <tr> <td colspan="2" style="text-align: center;">  <p>WSP USA Inc. 2440 LOUISIANA BLVD. NE SUITE 400 ALBUQUERQUE, NM 87110 TEL: +1 505.968.5357 WWW.WSP.COM</p> </td> <td colspan="2" style="text-align: center;"> <p>CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION</p> <p>BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. GENERAL NOTES</p> </td> </tr> <tr> <td>DESIGN REVIEW COMMITTEE</td> <td>CITY ENGINEER APPROVAL</td> <td>MO./DAY/YR.</td> <td>MO./DAY/YR.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">City Project No. COA: 6319.96</td> <td>Zone Map No. K14, J14</td> <td>Sheet 1-2</td> </tr> </table>	 <p>WSP USA Inc. 2440 LOUISIANA BLVD. NE SUITE 400 ALBUQUERQUE, NM 87110 TEL: +1 505.968.5357 WWW.WSP.COM</p>		<p>CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION</p> <p>BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. GENERAL NOTES</p>		DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.																	City Project No. COA: 6319.96		Zone Map No. K14, J14	Sheet 1-2																					
 <p>WSP USA Inc. 2440 LOUISIANA BLVD. NE SUITE 400 ALBUQUERQUE, NM 87110 TEL: +1 505.968.5357 WWW.WSP.COM</p>		<p>CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION</p> <p>BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. GENERAL NOTES</p>																																																	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.																																																
City Project No. COA: 6319.96		Zone Map No. K14, J14	Sheet 1-2																																																



LEGEND:

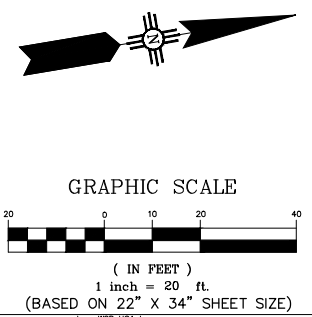
- REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT.
- REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK, DRIVEPAD, OR MEDIAN PAVEMENT.
- REMOVE AND DISPOSE EXISTING DRAINAGE STRUCTURE.
- REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT.
- REMOVE AND DISPOSE EXISTING STANDARD CURB AND GUTTER OR ESTATE CURB.

NOTE: SIGN REMOVALS ARE SHOWN ON SHEETS 5-1 TO 5-2. BOLD LINE TYPE INDICATES REMOVAL LIMITS. FOR SPECIFIC STATION LIMITS AND PAY ITEM INFORMATION, SEE REMOVALS SCHEDULES ON SHEETS 1-6 TO 1-10.

KEYED NOTES:

- ① REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK, DRIVEPAD, OR MEDIAN PAVEMENT TO NEAREST JOINT (AS APPLICABLE).
- ② REMOVE AND DISPOSE EXISTING STANDARD CURB AND GUTTER OR MEDIAN CURB AND GUTTER TO NEAREST JOINT (AS APPLICABLE).
- ③ SAWCUT, REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT.
- ④ REMOVE AND DISPOSE EXISTING TREE.
- ⑤ REMOVE AND DISPOSE EXISTING CURB DROP INLET.
- ⑥ EXISTING CURB AND GUTTER TO REMAIN, PROTECT IN PLACE.

- ⑦ EXISTING MANHOLE PROTECT IN PLACE.
- ⑧ EXISTING WATER VALVE BOX PROTECT IN PLACE.
- ⑨ EXISTING WATER METER BOX PROTECT IN PLACE.
- ⑩ EXISTING FIRE HYDRANT PROTECT IN PLACE.



WSP
 WSP USA, INC.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.5357
 WWW.WSP.COM

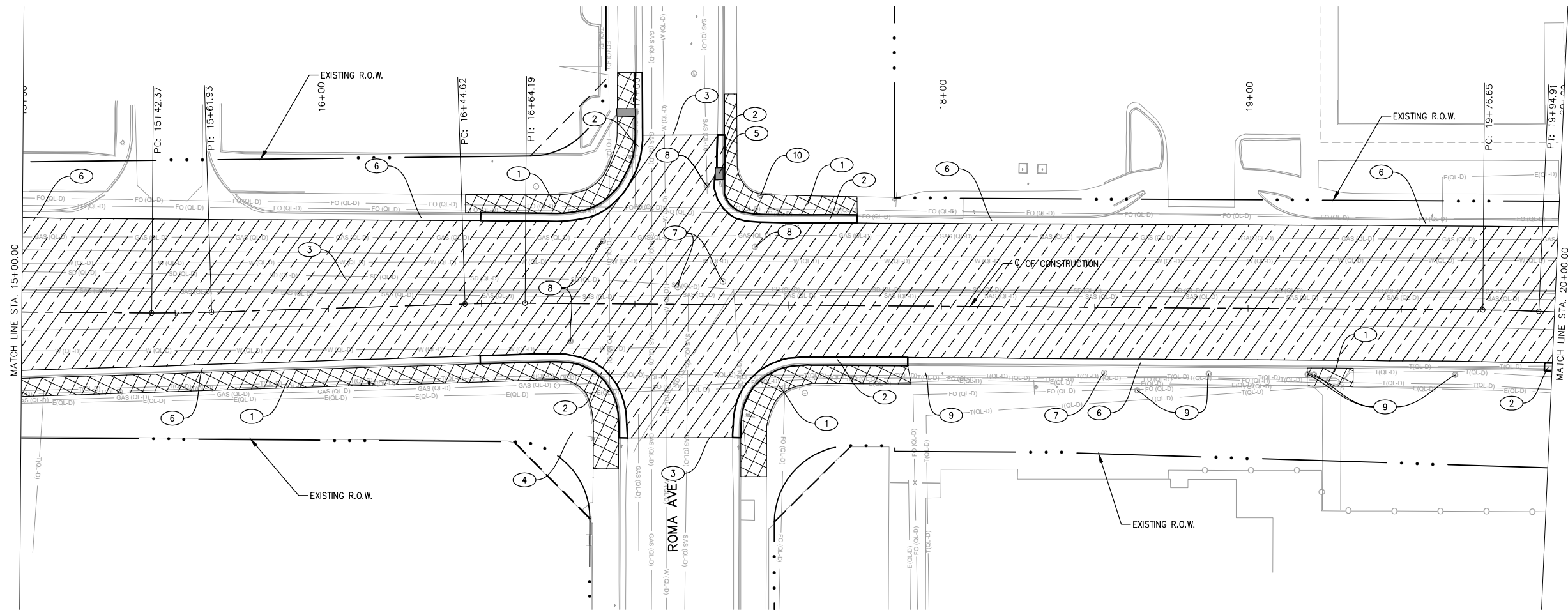
CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
REMOVAL PLANS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 1-8

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	BY	CONTRACTOR	WORK INSPECTED BY	DATE	DATE
				A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	CONTRACTOR'S ACCEPTANCE BY	DATE	DATE
				THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE	DATE	DATE
					DATE	DATE	DATE
					DATE	DATE	DATE
					DATE	DATE	DATE

**60% SUBMITTAL
NOT FOR CONSTRUCTION**



LEGEND:

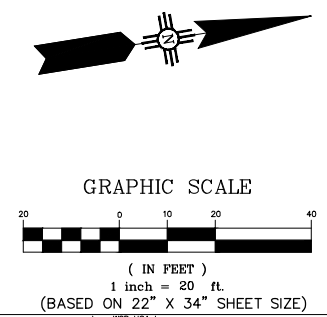
- REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT.
- REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK, MEDIAN PAVEMENT, OR DRIVEPAD.
- REMOVE AND DISPOSE EXISTING DRAINAGE STRUCTURE.
- REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT.
- REMOVE AND DISPOSE EXISTING STANDARD CURB AND GUTTER OR ESTATE CURB.

NOTE: SIGN REMOVALS ARE SHOWN ON SHEETS 5-1 TO 5-2. BOLD LINE TYPE INDICATES REMOVAL LIMITS. FOR SPECIFIC STATION LIMITS AND PAY ITEM INFORMATION, SEE REMOVALS SCHEDULES ON SHEETS 1-6 TO 1-10.

KEYED NOTES:

- ① REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK, DRIVEPAD, OR MEDIAN PAVEMENT TO NEAREST JOINT (AS APPLICABLE).
- ② REMOVE AND DISPOSE EXISTING STANDARD CURB AND GUTTER OR MEDIAN CURB AND GUTTER TO NEAREST JOINT (AS APPLICABLE).
- ③ SAWCUT, REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT.
- ④ REMOVE AND DISPOSE EXISTING TREE.
- ⑤ REMOVE AND DISPOSE EXISTING CURB DROP INLET.
- ⑥ EXISTING CURB AND GUTTER TO REMAIN, PROTECT IN PLACE.

- ⑦ EXISTING MANHOLE PROTECT IN PLACE.
- ⑧ EXISTING WATER VALVE BOX PROTECT IN PLACE.
- ⑨ EXISTING WATER METER BOX PROTECT IN PLACE.
- ⑩ EXISTING FIRE HYDRANT PROTECT IN PLACE.



WSP
 WSP USA, INC.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.5357
 WWW.WSP.COM

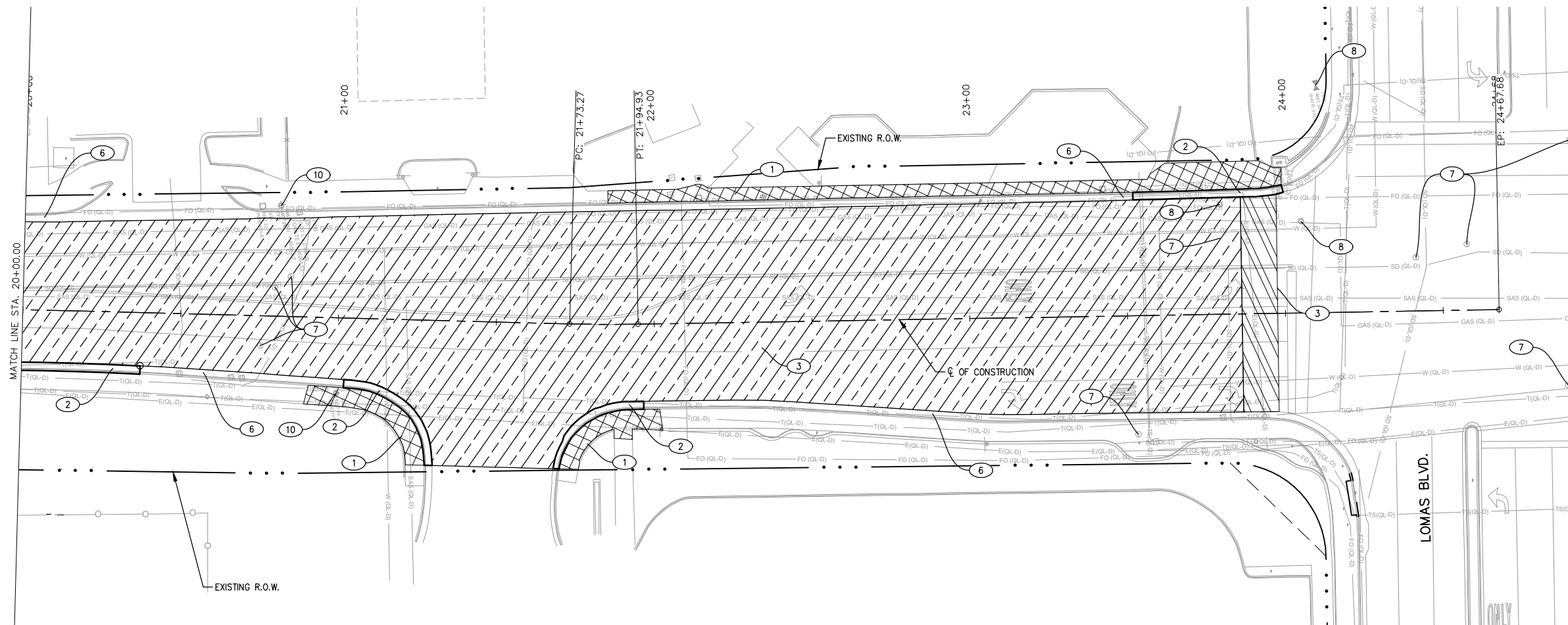
CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 REMOVAL PLANS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 1-9

NOT FOR SUBMITTAL FOR CONSTRUCTION

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	NO.	DATE	CONTRACTOR	WORK INSPECTED BY	DATE	DATE
				A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	WORK INSPECTED BY	DATE	DATE
				DATE STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	ACCEPTANCE BY	DATE	DATE
					VERIFICATION BY	DATE	DATE
					DRAWINGS CORRECTED BY	DATE	DATE
					MICRO-FILM INFORMATION	DATE	DATE
					RECORDED BY	DATE	NO.



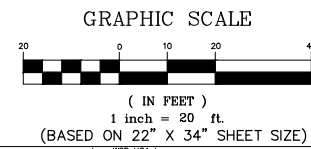
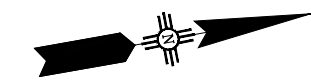
LEGEND:

- REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT.
- REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK, DRIVEPAD, OR MEDIAN PAVEMENT.
- REMOVE AND DISPOSE EXISTING DRAINAGE STRUCTURE.
- REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT.
- REMOVE AND DISPOSE EXISTING STANDARD CURB AND GUTTER OR ESTATE CURB.

NOTE: SIGN REMOVALS ARE SHOWN ON SHEETS 5-1 TO 5-2. BOLD LINE TYPE INDICATES REMOVAL LIMITS. FOR SPECIFIC STATION LIMITS AND PAY ITEM INFORMATION, SEE REMOVALS SCHEDULES ON SHEETS 1-6 TO 1-10.

KEYED NOTES:

- ① REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK, DRIVEPAD, OR MEDIAN PAVEMENT TO NEAREST JOINT (AS APPLICABLE).
- ② REMOVE AND DISPOSE EXISTING STANDARD CURB AND GUTTER OR MEDIAN CURB AND GUTTER TO NEAREST JOINT (AS APPLICABLE).
- ③ SAWCUT, REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT.
- ④ REMOVE AND DISPOSE EXISTING TREE.
- ⑤ REMOVE AND DISPOSE EXISTING CURB DROP INLET.
- ⑥ EXISTING CURB AND GUTTER TO REMAIN, PROTECT IN PLACE.
- ⑦ EXISTING MANHOLE PROTECT IN PLACE.
- ⑧ EXISTING WATER VALVE BOX PROTECT IN PLACE.
- ⑨ EXISTING WATER METER BOX PROTECT IN PLACE.
- ⑩ EXISTING FIRE HYDRANT PROTECT IN PLACE.



WSP USA, INC.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
REMOVAL PLANS

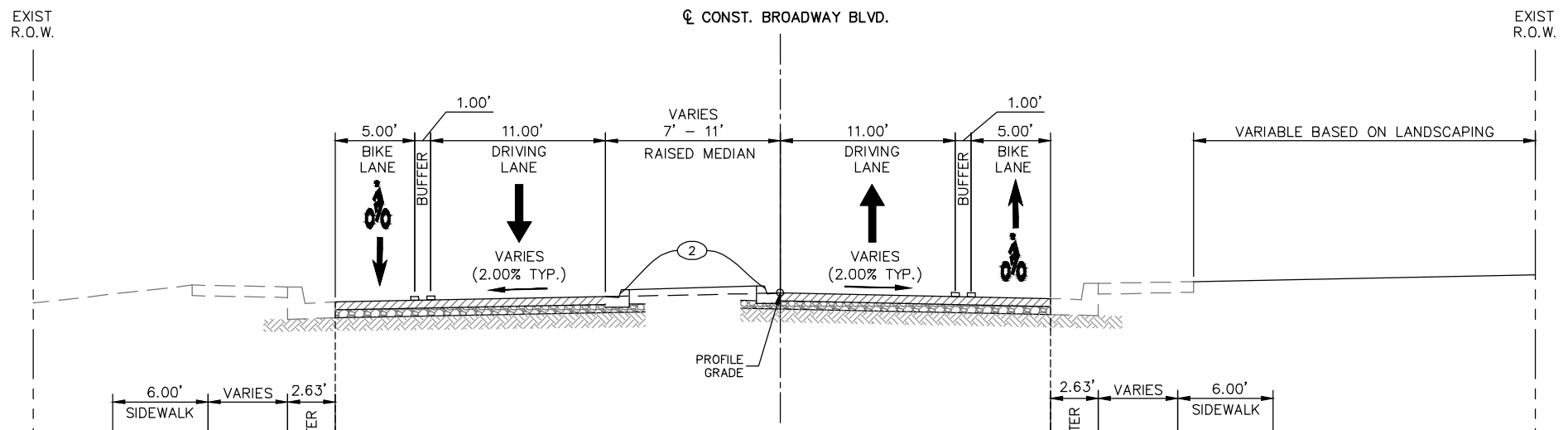
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 1-10

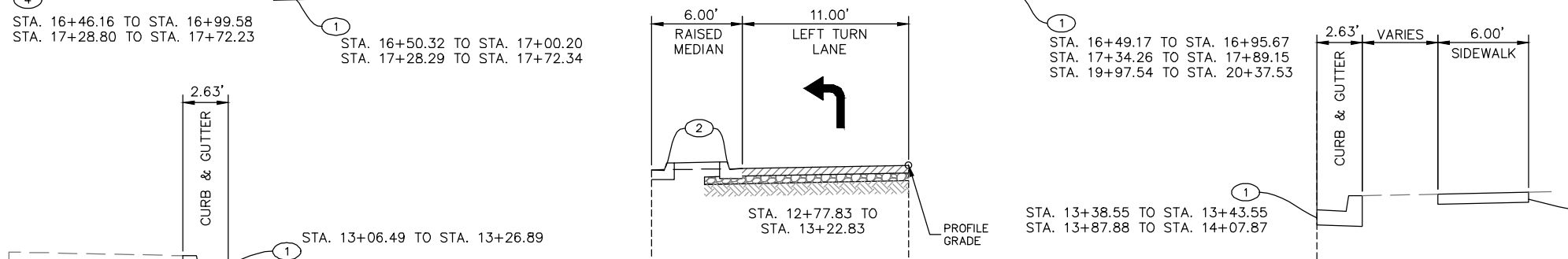
NOT FOR CONSTRUCTION

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	NO.	DATE	CONTRACTOR	WORK INSPECTED BY	DATE	DATE
				A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTOR'S ACCEPTANCE BY	DATE	DATE
					VERIFICATION BY	DATE	DATE
					DRAWINGS CORRECTED BY	DATE	DATE
					MICRO-FILM INFORMATION	DATE	DATE
					RECORDED BY	NO.	NO.

- KEYED NOTES:**
- ① BUILD STANDARD CURB & GUTTER, SEE STD. DWG. 2415A.
 - ② BUILD MEDIAN CURB & GUTTER, SEE STD. DWG. 2415A.
 - ③ BUILD CONCRETE CUT-OFF WALL, SEE DETAIL ON SHEET 1-15.
 - ④ BUILD 4" CONCRETE SIDEWALK, SEE STD. DWG. 2430.



PROPOSED TYPICAL SECTION #2
 MARQUETTE AVENUE TO MCDONALD'S ENTRANCE
 STA. 14+86.60 (BOP) TO STA. 20+76.78
 (LOOKING NORTH)



PROPOSED TYPICAL SECTION #1
 DR. MARTIN LUTHER KING JR. AVENUE TO MARQUETTE AVENUE
 STA. 10+45.77 (BOP) TO STA. 14+11.39
 (LOOKING NORTH)

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	NO.	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK,	DATE	FIELD NOTES	NO.	DATE	NO.
WORK PERFORMED BY	DATE	STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF	DATE	BY	BY	DATE	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	THE CONCRETE CURB RETURN, NNE QUADRANT OF	DATE			DATE	DATE
REVISION BY	DATE	BROADWAY BLVD. & GRAND AVE. NE.	DATE			DATE	DATE
DRAWINGS CORRECTED BY	DATE		DATE			DATE	DATE
MICRO-FILM INFORMATION	NO.		DATE			DATE	DATE
						DATE	DATE

**60% SUBMITTAL
 NOT FOR CONSTRUCTION**

wsp WSP USA Inc.
 2445 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.0387
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 PROPOSED TYPICAL SECTIONS

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

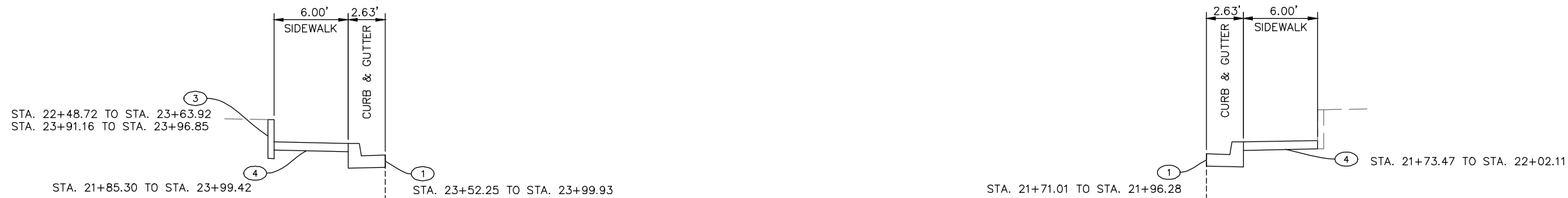
City Project No. COA: 6319.96

Zone Map No. K14, J14

Sheet 1-13

KEYED NOTES:

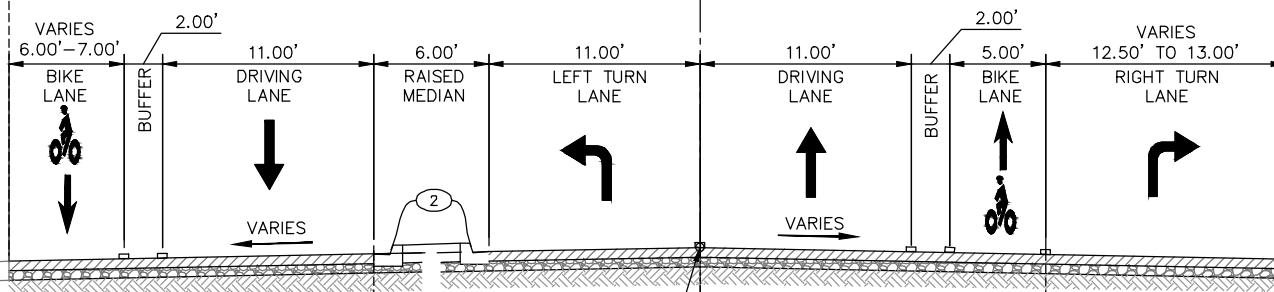
- ① BUILD STANDARD CURB & GUTTER, SEE STD. DWG. 2415A.
- ② BUILD MEDIAN CURB & GUTTER, SEE STD. DWG. 2415A.
- ③ BUILD CONCRETE CUT-OFF WALL, SEE DETAIL ON SHEET 1-15.
- ④ BUILD 4" CONCRETE SIDEWALK, SEE STD. DWG. 2430.



EXIST R.O.W.

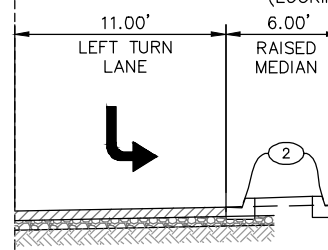
CL CONST. BROADWAY BLVD

EXIST R.O.W.



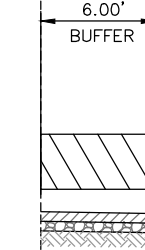
PROPOSED TYPICAL SECTION #3

MCDONALD'S ENTRANCE TO LOMAS BOULEVARD
STA. 21+92.37 TO STA. 23+96.76 (EOP)
(LOOKING NORTH)



STA. 21+92.37 TO STA. 22+37.37

PROFILE GRADE



STA. 21+92.37 TO STA. 22+34.53

PROFILE GRADE

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORK PERFORMED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
REVISIONS BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	DATE
BY	
NO.	

ENGINEER'S SEAL

60% SUBMITTAL
NOT FOR CONSTRUCTION

NO.	DATE	REMARKS
		DESIGN
	2/22/2024	DESIGNED BY: WSP
	2/22/2024	DRAWN BY: WSP
	2/22/2024	CHECKED BY: WSP



WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.0387
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

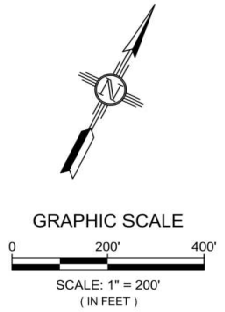
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
PROPOSED TYPICAL SECTIONS

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

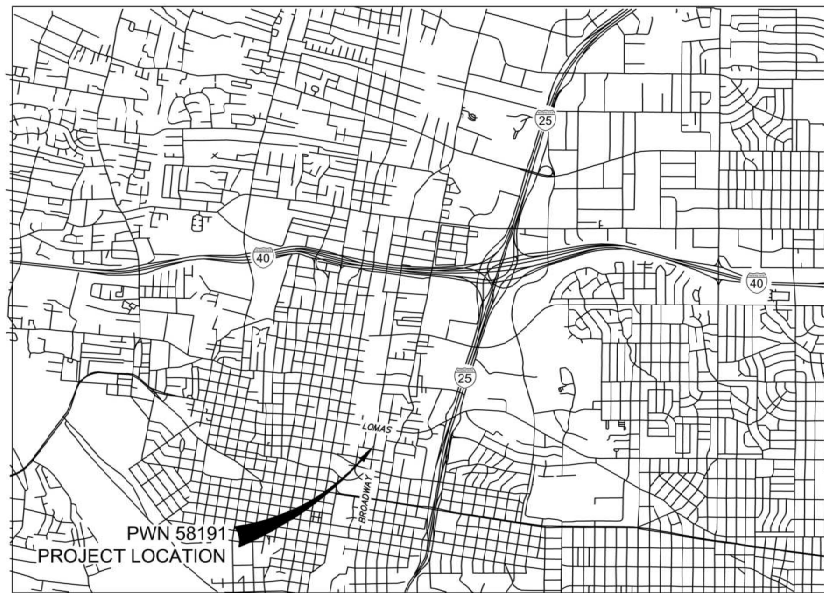
City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 1-14

GENERAL NOTES:

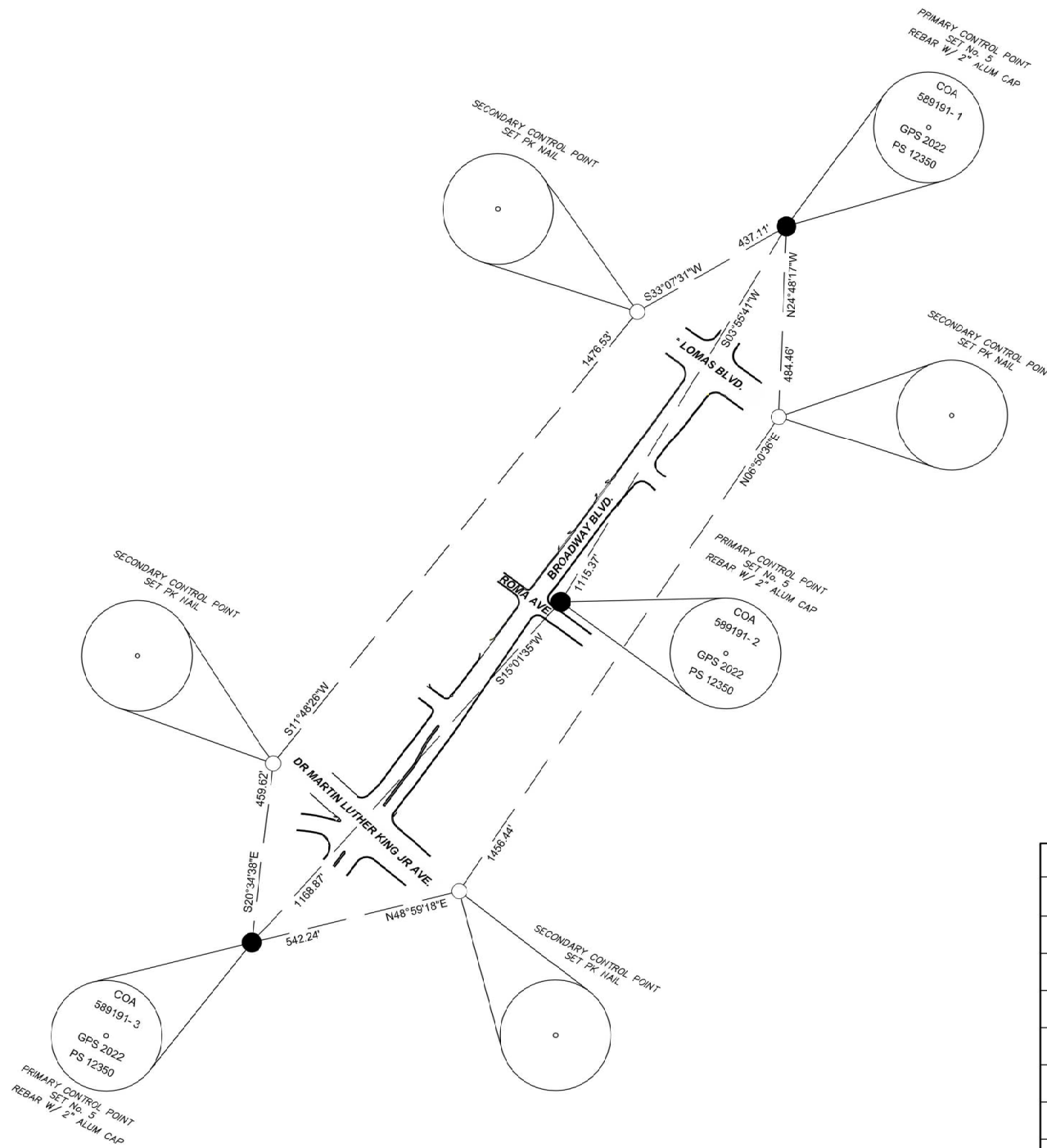
1. ALL SURVEY POINTS WERE FOUND OR SET BY THE COLLIER'S ENGINEERING & DESIGN SURVEY UNIT USING NMDOT STANDARDS AND SPECIFICATIONS IN DECEMBER 2022.
2. A \$1000 COST PENALTY WILL BE ASSESSED TO THE CONTRACTOR DURING CONSTRUCTION FOR ANY CONTROL MONUMENTS SHOWN HEREON THAT ARE DISTURBED OR DESTROYED. IF ANY MONUMENT MUST BE DISTURBED DURING CONSTRUCTION, REFER TO THE CURRENT EDITION OF THE N.M.D.O.T. STANDARDS & SPECIFICATIONS FOR HIGHWAY & BRIDGE CONSTRUCTION.
3. THE STATE PLANE COORDINATES SHOWN HEREON ARE REFERRED TO THE NEW MEXICO COORDINATE SYSTEM - CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983 AND WERE DERIVED USING GPS DIFFERENTIAL POSITIONING TECHNIQUES. THE FINAL STATE PLANE COORDINATES SHOWN HEREON ARE THE RESULT OF A NGS OPUS SOLUTION FULLY/MINIMALLY CONSTRAINED ADJUSTMENT HOLDING THE NGS CORS STATIONS *ZAB31* FIXED BOTH HORIZONTALLY AND VERTICALLY.
4. THE ELEVATIONS SHOWN HEREON ARE REFERRED TO NAVD 88. ELEVATIONS WERE DERIVED USING GPS ELLIPSOID HEIGHT DIFFERENCES COMBINED WITH THE NGS GEIOD MODELING PROGRAM 'GEIOD18'.
5. THE LOCAL PROJECT GROUND COORDINATES SHOWN HEREON WERE DERIVED USING THE FOLLOWING FORMULA:
6. THE FINAL ADJUSTED STATE PLANE GRID COORDINATES WERE SCALED TO THE SURFACE USING A PROJECT A SCALE FACTOR OF 1.0003441184 FROM *ZAB31* FIXED ORIGIN OF 0,0. ELEVATION ARE ADJUSTED TO ABQ CONTROL.
7. ALL DISTANCES SHOWN HEREON ARE CALCULATED GROUND DISTANCES USING THE INVERSED GRID DISTANCES AND THE PROJECT AVERAGE COMBINED GRID TO GROUND SCALE FACTOR.
8. THE FIELD DATA WAS COLLECTED USING TRIMBLE GPS RECEIVERS AND WAS ADJUSTED UTILIZING TRIMBLE BUSINESS CENTER SOFTWARE IN DECEMBER 2022.



CITY OF ALBUQUERQUE



VICINITY MAP



**GEODETTIC INFORMATION
GEOGRAPHIC/STATE PLANE (NAD83) COORDINATES**

STATION	NORTHING [USF]	EASTING [USF]	LONGITUDE	LATITUDE	Zone	Geoid [USF] Separation	ELLIPSOID HEIGHT [USF]
58919-1	1488784.166	1522775.425	W106° 38' 35.7591"	N035° 05' 28.9858"	NM C (3002)	-70.02	4866.38
58919-2	1487671.796	1522699.042	W106° 38' 35.6255"	N035° 05' 17.9800"	NM C (3002)	-70.01	4889.41
58919-3	1486543.260	1522366.101	W106° 38' 40.2172"	N035° 05' 06.8056"	NM C (3002)	-69.99	4855.84
502	1486898.981	1522805.121	W106° 38' 35.3122"	N035° 05' 10.3400"	NM C (3002)	-70.20	4903.83
507	1488344.551	1522978.600	W106° 38' 33.2932"	N035° 05' 24.6453"	NM C (3002)	-70.06	4867.84
509	1488418.219	1522536.638	W106° 38' 38.6153"	N035° 05' 25.3568"	NM C (3002)	-68.86	4867.84
514	1486973.425	1522234.615	W106° 38' 42.1810"	N035° 05' 11.0540"	NM C (3002)	-70.18	4904.03

LOCAL PROJECT GROUND COORDINATES

STATION	NORTHING [US FEET]	EASTING [US FEET]	ELEVATION	DESCRIPTION	LOCATION
58919-1	1489295.484	1523299.440	4956.40	NO.5 RB W/ 2 1/2" ALUM CAP	360' NORTH OF LOMAS BLVD CL, 51' WEST OF BROADWAY CL.
58919-2	1488183.731	1523223.031	4959.42	NO.5 RB W/ 2 1/2" ALUM CAP	NE CORNER OF ROMA AVE. AND BROADWAY BLVD.
58919-3	1487054.827	1522919.986	4965.83	NO.5 RB W/ 2 1/2" ALUM CAP	SW CORNER OF TIJERAS AVE. AND BROADWAY BLVD.
502	1487410.650	1523329.146	4974.03	FK NAIL	277' EAST OF BROADWAY BLVD. CL, LOCATED NEAR EAST BOUND BIKE LANE.
507	1488855.718	1523502.685	4957.70	FK NAIL	212' EAST OF BROADWAY BLVD. CL, LOCATED IN THE EAST BOUND TURNING LANE.
509	1488930.411	1523060.571	4956.50	FK NAIL	225' WEST OF BROADWAY BLVD. CL, LOCATED IN THE WEST BOUND TURNING LANE.
514	1487485.120	1522758.444	4974.21	FK NAIL	283' WEST OF BROADWAY BLVD. CL, LOCATED IN THE EAST BOUND NEAR CURB.

LEGEND

- SET 5/8" REBAR & 2" ALUMINUM CAP
- BRASS CAP SET
- BRASS CAP FOUND
- PK NAIL SET

NO.	DESCRIPTION	DATE	BY
4			
3			
2			
1			

REVISIONS (OR CHANGE NOTICES)



I, EDWARD RICOS, N.M.P.S.# 12350, DO HERBY CERTIFY THAT THIS CONTROL SURVEY MAP AND REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION BASED ON AN ACTUAL SURVEY ON THE GROUND AS DESCRIBED HEREIN. THAT I AM RESPONSIBLE FOR THIS SURVEY; AND THAT THE SURVEY AND REPORT MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

Edward Ricos
 01/19/2022
 EDWARD RICOS - N.M.P.S. # 12350 DATE
 COLLIER'S ENGINEERING & DESIGN
 2703 BROADBENT PARKWAY NE SUITE B
 ALBUQUERQUE, NM 87107
 PH # (505) 433-6383



BROADWAY BLVD.

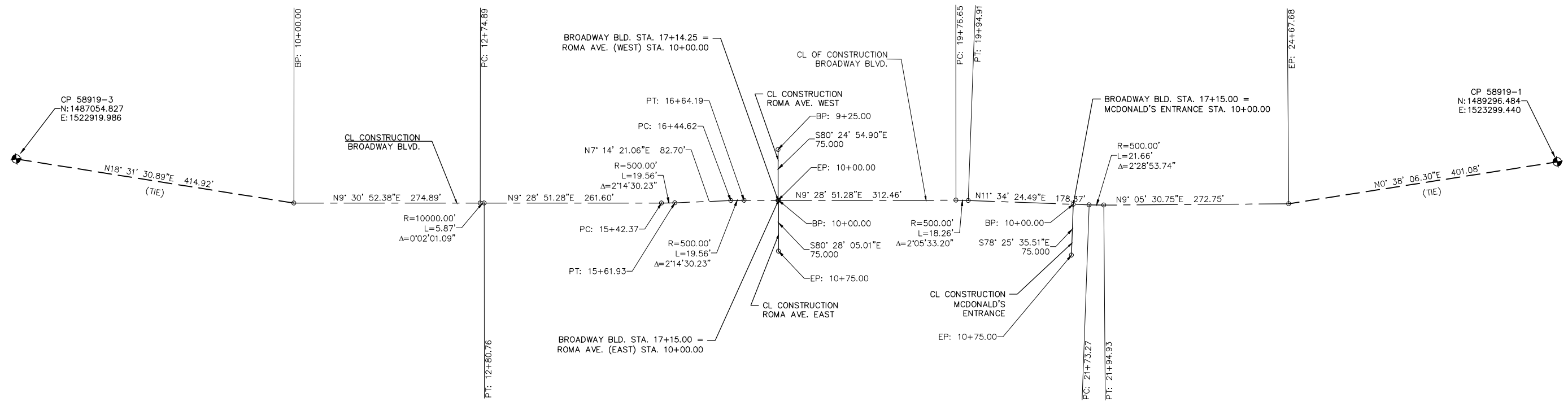
CITY OF ALBUQUERQUE
CONTROL MAP
 COA PUBLIC WORK NO.

589191

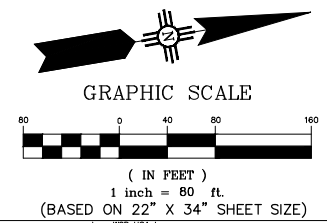
BERNALILLO COUNTY

SCALE 1" = 200"

SHEET 1 OF 1



- GENERAL NOTES:**
1. THE COORDINATES LISTED ARE LOCAL GROUND PROJECT VALUES
 2. CONTROL POINTS ARE BASED ON A FIELD SURVEY PERFORMED IN DECEMBER 2022. REFER TO SHEET 3-0, SURVEY CONTROL MAP BY COLLIER ENGINEERING & DESIGN.



WSP USA, INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.888.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

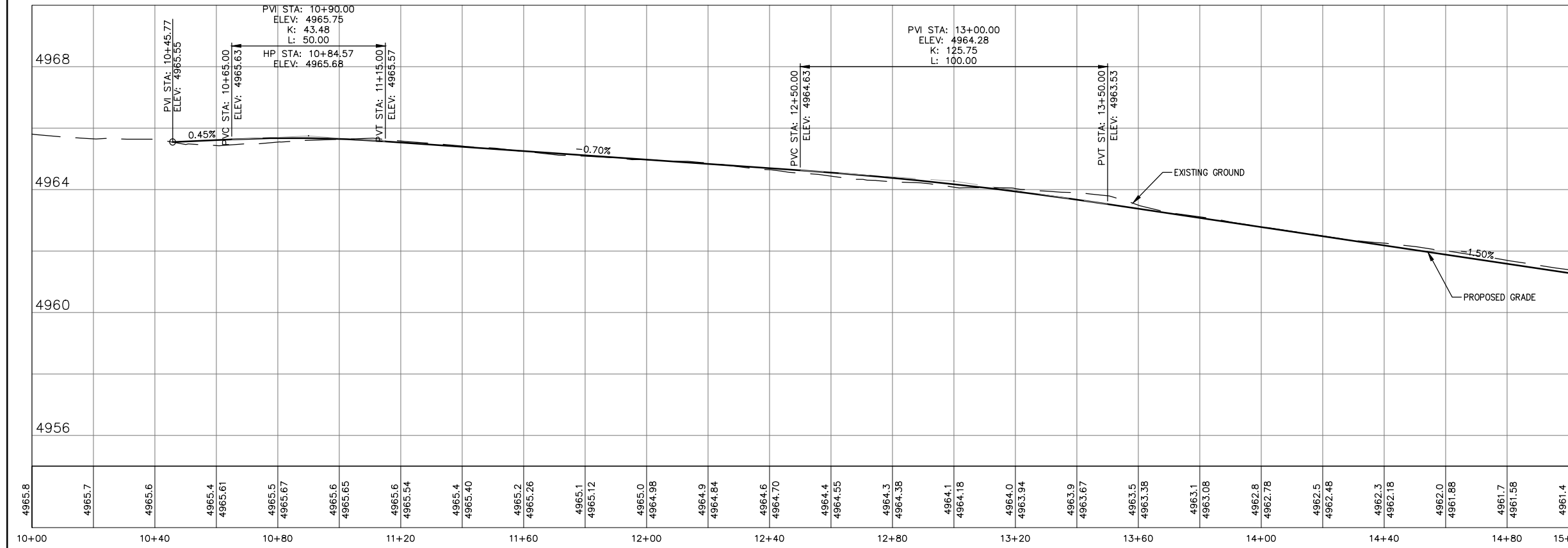
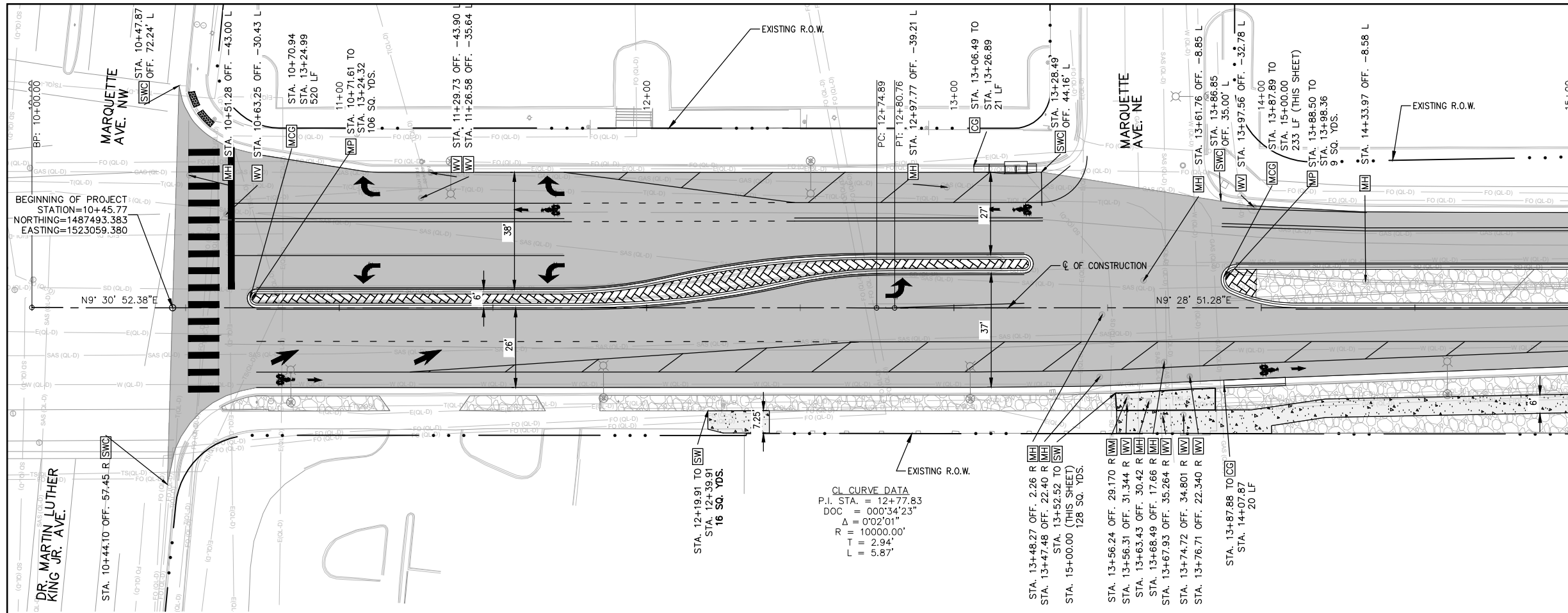
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
HORIZONTAL LAYOUT

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

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 3-1

ENGINEER'S SEAL
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES BY	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	WORK PERFORMED BY	DATE
				INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



GENERAL NOTES:

- STATIONS AND OFFSETS PROVIDED REFERENCE CL OF CONSTRUCTION BROADWAY BLVD. UNLESS OTHERWISE NOTED.
- STATION AND OFFSET FOR CURB AND GUTTER GIVEN TO FLOWLINE UNLESS OTHERWISE NOTED.
- ALL TIE POINTS SHALL TIE TO EXISTING CURB & GUTTER OR SIDEWALK AT NEAREST JOINT.
- SEE SECTION 6 DRAINAGE SHEETS FOR STORM DRAIN INFORMATION.

LEGEND:

- NEW ASPHALT PAVEMENT / DRIVEWAY
- NEW CONCRETE SIDEWALK / DRIVEWAY
- LANDSCAPED AREA, SEE 8 SERIES
- TEXTURED MEDIAN PAVEMENT

KEYED NOTES:

- CG BUILD STANDARD CURB AND GUTTER, SEE COA STD. DWG. 2415A.
- MCG BUILD MEDIAN CURB & GUTTER, SEE COA STD. DWG. 2415A.
- SW BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 2430.
- CR BUILD CURB RAMP, SEE DETAILS ON SHEETS 3-5 THRU 3-8.
- SWC SAWCUT LINE, MATCH EXISTING ASPHALT.
- MP BUILD TEXTURED MEDIAN PAVEMENT, SEE DETAIL ON SHEET 1-15.
- CW BUILD CONCRETE CUTOFF WALL, SEE DETAIL ON SHEET 1-15.
- MH ADJUST EXISTING MANHOLE TO GRADE, COA STD. DWG. 2460.
- WV ADJUST EXISTING WATER VALVE BOX TO GRADE, COA STD. DWG. 2460.
- WM ADJUST EXISTING WATER METER BOX TO GRADE, COA STD. DWGS. 2361, 2362, AND 2363.
- DW BUILD CONCRETE DRIVEWAY. SEE COA STD. DWG. 2425A.

GRAPHIC SCALE
 (IN FEET)
 1 inch = 20 ft.
 PROFILE VERTICAL SCALE: 1 inch = 2 ft.
 (BASED ON 22" x 34" SHEET SIZE)

60% SUBMITTAL NOT FOR CONSTRUCTION

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	NO.	DATE	CONTRACTOR	WORK PERFORMED BY	DATE

REMARKS

NO.	DATE	REMARKS

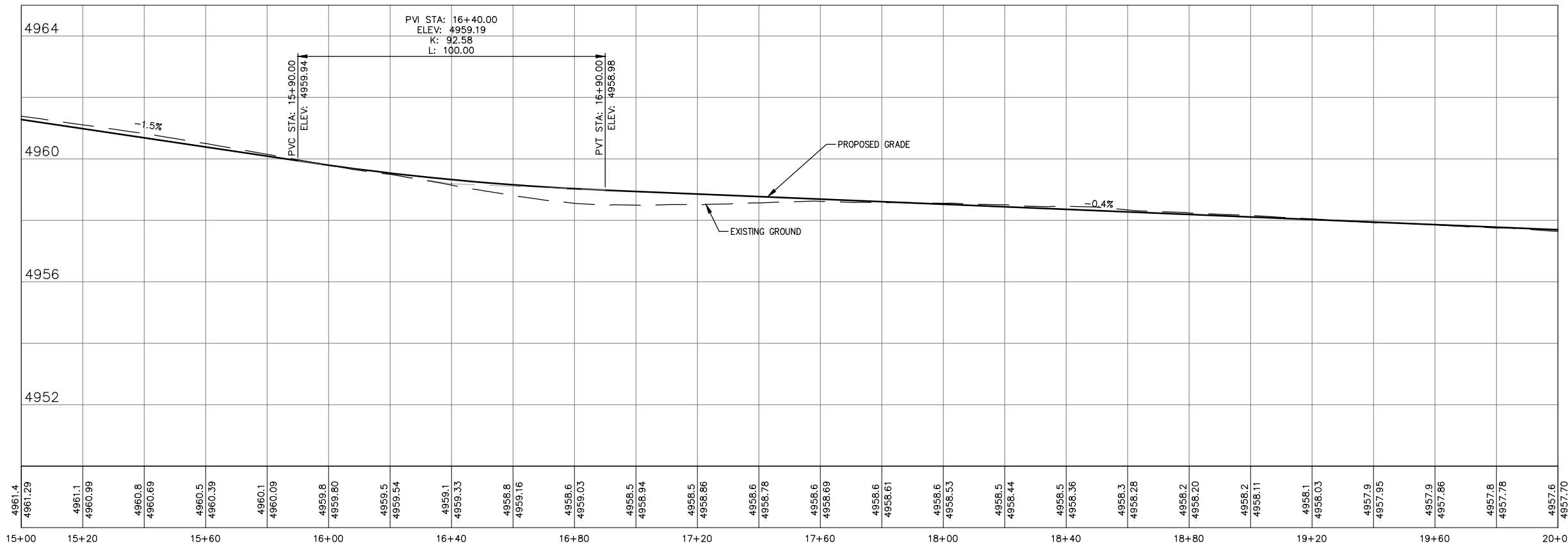
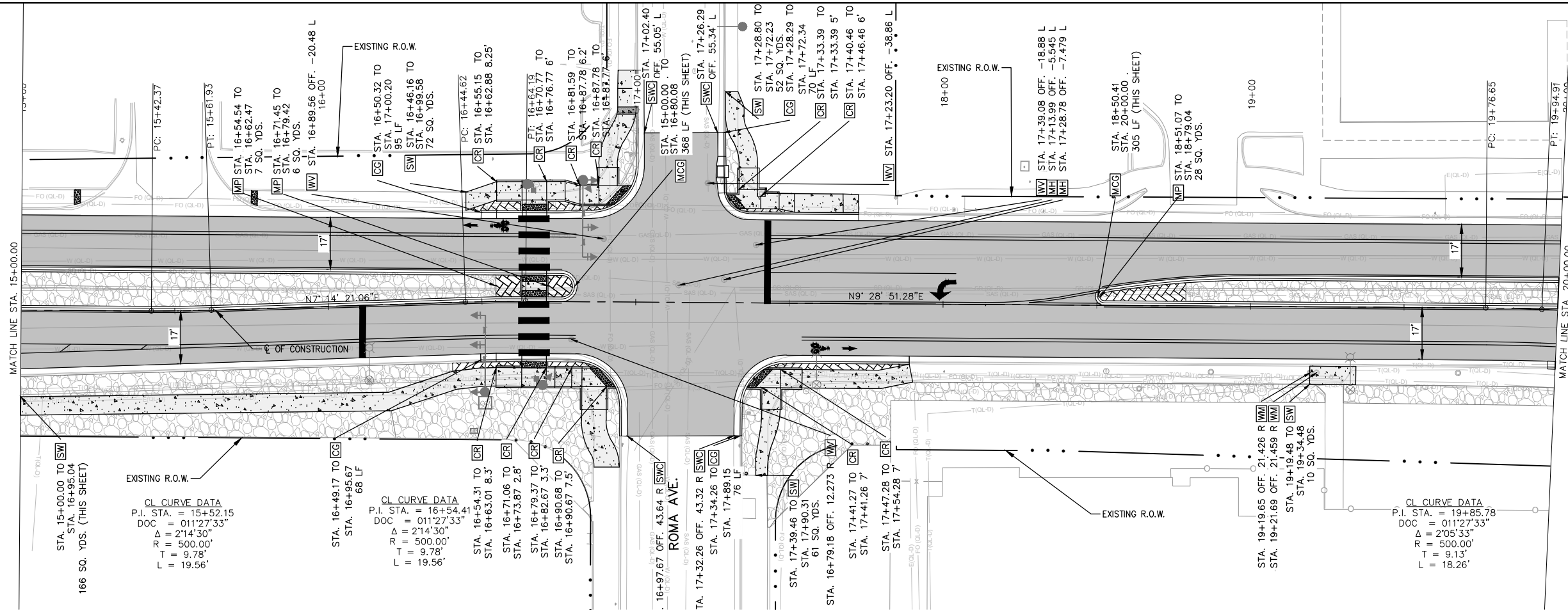
DESIGNED BY: WSP
DRAWN BY: WSP
CHECKED BY: WSP

DATE: 2/22/2024
DATE: 2/22/2024
DATE: 2/22/2024

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 PLAN AND PROFILES

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

City Project No. COA:6319.96
 Zone Map No. K14, J14
 Sheet 3-2



- GENERAL NOTES:**
- STATIONS AND OFFSETS PROVIDED REFERENCE CL OF CONSTRUCTION BROADWAY BLVD. UNLESS OTHERWISE NOTED.
 - STATION AND OFFSET FOR CURB AND GUTTER GIVEN TO FLOWLINE UNLESS OTHERWISE NOTED.
 - ALL TIE POINTS SHALL TIE TO EXISTING CURB & GUTTER OR SIDEWALK AT NEAREST JOINT.
 - SIGNAL AND LIGHTING LOCATIONS ARE SHOWN FOR REFERENCE. DETAILS WILL BE PROVIDED AT 60%.

- LEGEND:**
- NEW ASPHALT PAVEMENT / DRIVEWAY
 - NEW CONCRETE SIDEWALK / DRIVEWAY
 - LANDSCAPED AREA, SEE 8 SERIES
 - TEXTURED MEDIAN PAVEMENT

- KEYED NOTES:**
- CG BUILD STANDARD CURB AND GUTTER, SEE COA STD. DWG. 2415A.
 - MCG BUILD MEDIAN CURB & GUTTER, SEE COA STD. DWG. 2415A.
 - SW BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 2430.
 - CR BUILD CURB RAMP, SEE DETAILS ON SHEETS 3-5 THRU 3-8.
 - SWC SAWCUT LINE, MATCH EXISTING ASPHALT.
 - MP BUILD TEXTURED MEDIAN PAVEMENT, SEE DETAIL ON SHEET 1-15.
 - CW BUILD CONCRETE CUTOFF WALL, SEE DETAIL ON SHEET 1-15.
 - MH ADJUST EXISTING MANHOLE TO GRADE, COA STD. DWG. 2460.
 - WV ADJUST EXISTING WATER VALVE BOX TO GRADE, COA STD. DWG. 2460.
 - WM ADJUST EXISTING WATER METER BOX TO GRADE, COA STD. DWGS. 2361, 2362, AND 2363.
 - DW BUILD CONCRETE DRIVEWAY. SEE COA STD. DWG. 2425A.

ENGINEER'S SEAL

60% SUBMITTAL NOT FOR CONSTRUCTION

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.
PROFILE VERTICAL SCALE: 1 inch = 2 ft.
(BASED ON 22" X 34" SHEET SIZE)

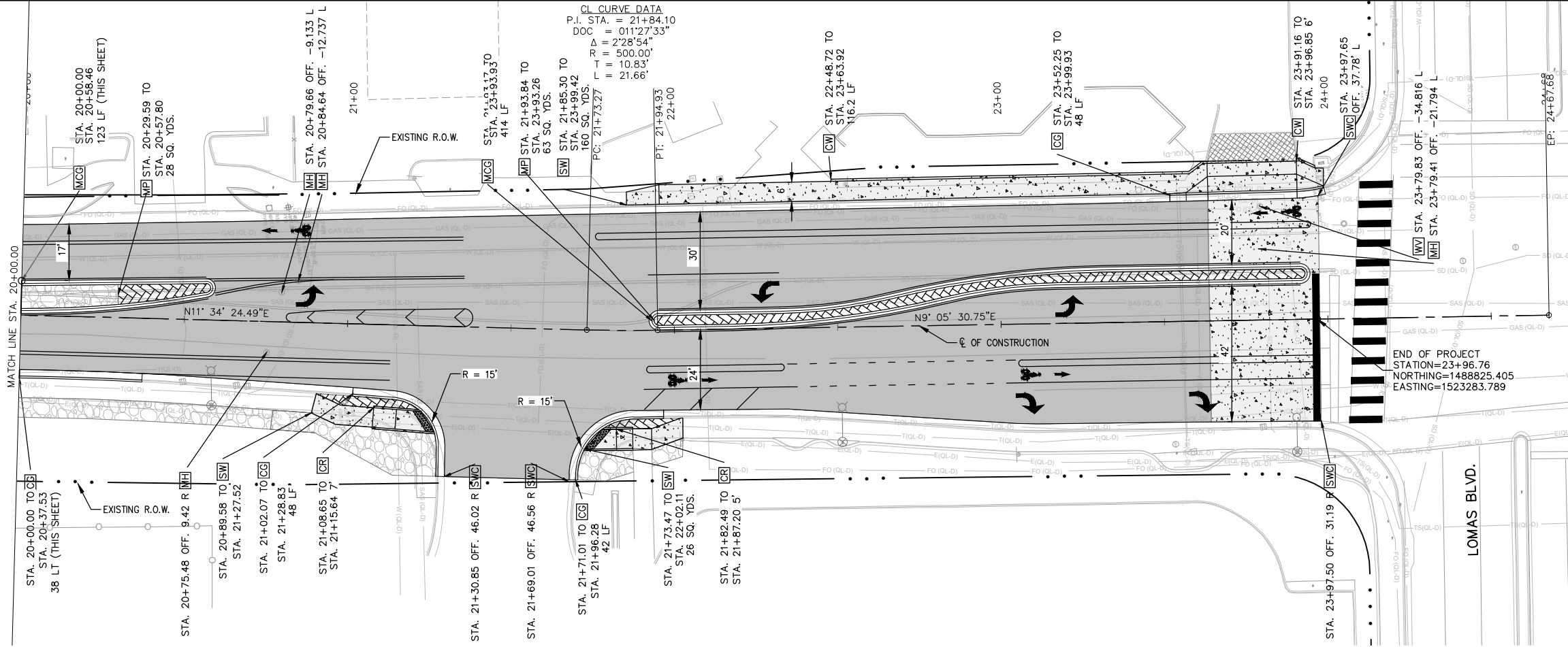
DESIGNED BY: WSP DATE: 2/22/2024
DRAWN BY: WSP DATE: 2/22/2024
CHECKED BY: WSP DATE: 2/22/2024

WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.888.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
PLAN AND PROFILES

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

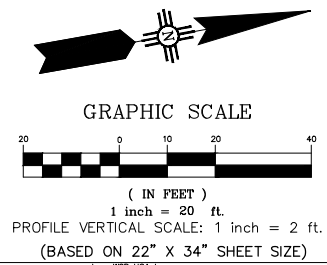
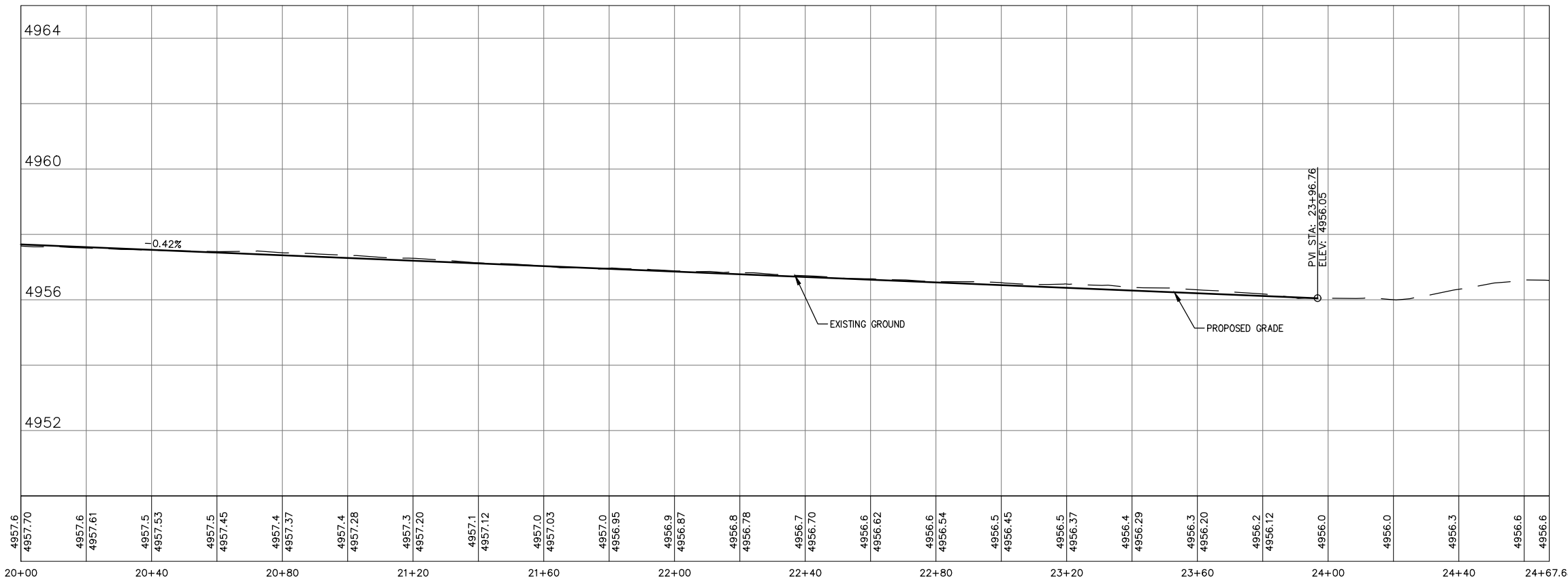
City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 3-3



- GENERAL NOTES:**
- STATIONS AND OFFSETS PROVIDED REFERENCE CL OF CONSTRUCTION BROADWAY BLVD. UNLESS OTHERWISE NOTED.
 - STATION AND OFFSET FOR CURB AND GUTTER GIVEN TO FLOWLINE UNLESS OTHERWISE NOTED.
 - ALL TIE POINTS SHALL TIE TO EXISTING CURB & GUTTER OR SIDEWALK AT NEAREST JOINT.
 - SIGNAL AND LIGHTING LOCATIONS ARE SHOWN FOR REFERENCE. DETAILS WILL BE PROVIDED AT 60%.

- LEGEND:**
- NEW ASPHALT PAVEMENT / DRIVEWAY
 - NEW CONCRETE SIDEWALK / DRIVEWAY
 - LANDSCAPED AREA, SEE 8 SERIES
 - TEXTURED MEDIAN PAVEMENT

- KEYED NOTES:**
- CG BUILD STANDARD CURB AND GUTTER, SEE COA STD. DWG. 2415A.
 - MCG BUILD MEDIAN CURB & GUTTER, SEE COA STD. DWG. 2415A.
 - SW BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 2430.
 - CR BUILD CURB RAMP, SEE DETAILS ON SHEETS 3-5 THRU 3-8.
 - SWC SAWCUT LINE, MATCH EXISTING ASPHALT.
 - MP BUILD TEXTURED MEDIAN PAVEMENT, SEE DETAIL ON SHEET 1-15.
 - CW BUILD CONCRETE CUTOFF WALL, SEE DETAIL ON SHEET 1-15.
 - MH ADJUST EXISTING MANHOLE TO GRADE, COA STD. DWG. 2460.
 - WV ADJUST EXISTING WATER VALVE BOX TO GRADE, COA STD. DWG. 2460.
 - WM ADJUST EXISTING WATER METER BOX TO GRADE, COA STD. DWGS. 2361, 2362, AND 2363.
 - DW BUILD CONCRETE DRIVEWAY. SEE COA STD. DWG. 2425A.



WSP
 WSP USA, INC.
 2445 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505 888-5357
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 PLAN AND PROFILES

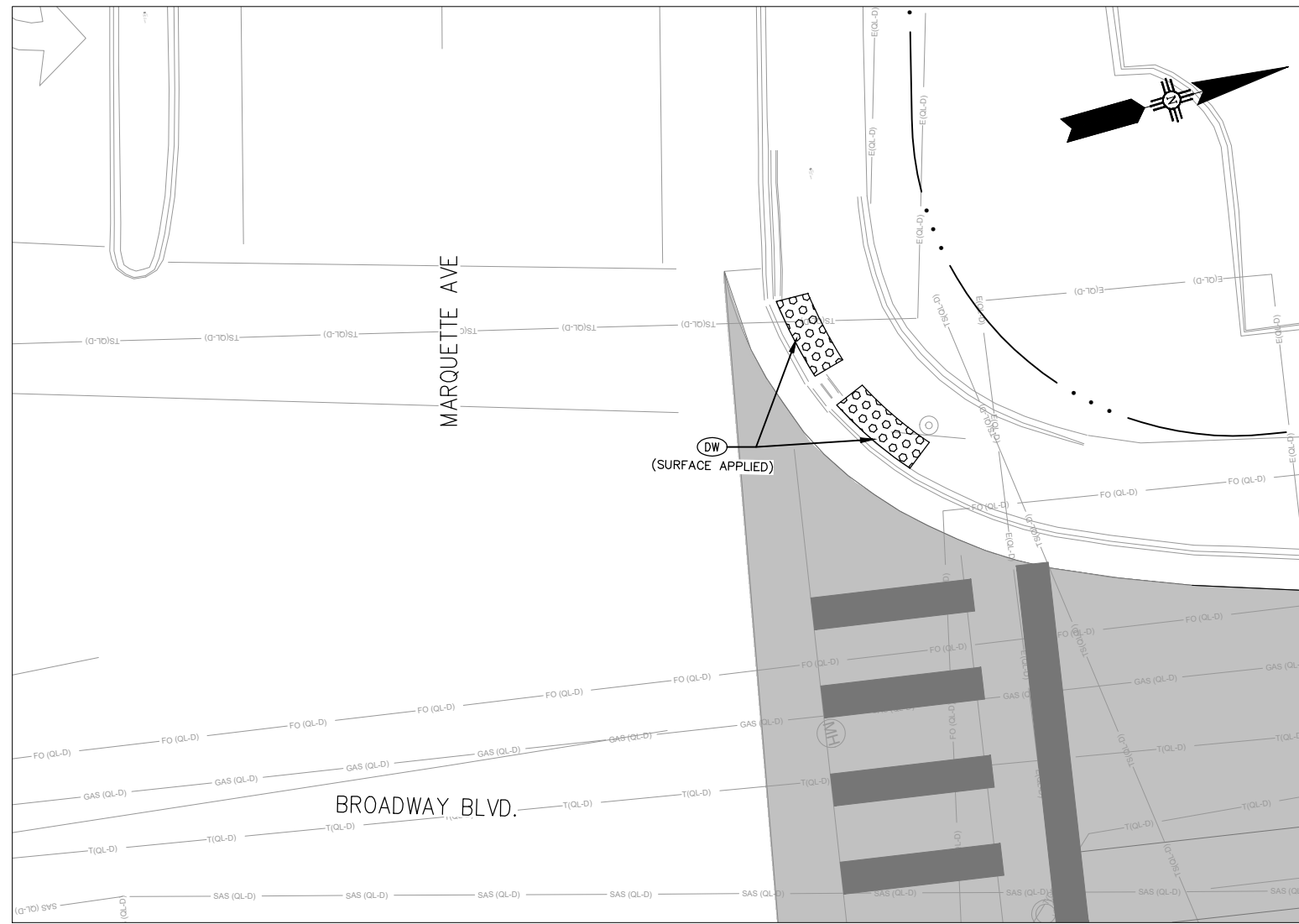
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

DESIGNED BY: WSP DATE: 2/21/2024
 DRAWN BY: WSP DATE: 2/21/2024
 CHECKED BY: WSP DATE: 2/21/2024

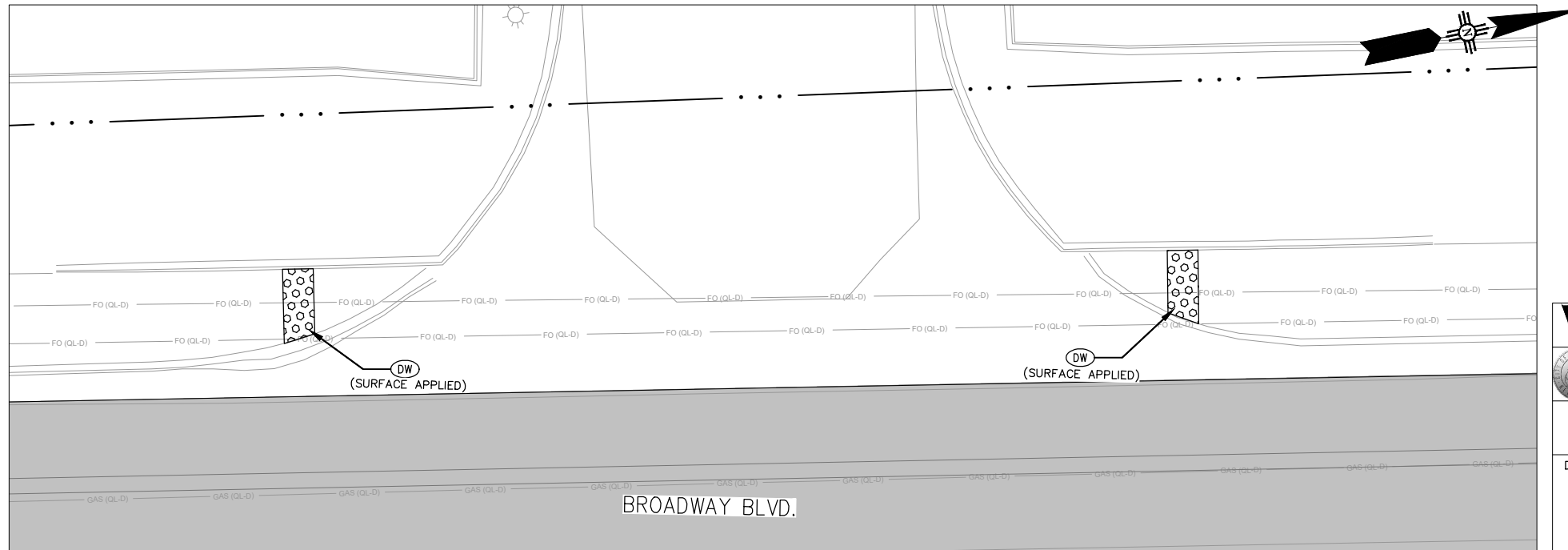
City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 3-4

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	BY	DATE	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXYED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	WORKED BY	DATE

60% SUBMITTAL
NOT FOR CONSTRUCTION



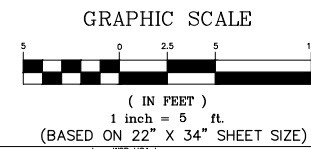
BROADWAY BLVD. AND DR. MARTIN LUTHER KING JR. AVE. (WEST)



BUREAU OF RECLAMATION ENTRANCE

KEYED NOTES:

- (DW) INSTALL 2' WIDE DETECTABLE WARNING SURFACE, SEE COA STD. DWG. 2446.
- (CR) BUILD RAMP. RUNNING SLOPES OF CURB RAMP SHALL BE 7.5% TYP. (8.3% MAX). CROSS SLOPES SHALL BE 1.5% TYP. (2.0% MAX).
- (LL) BUILD LEVEL LANDING, RUNNING AND CROSS SLOPES OF CURB RAMP LANDING SHALL BE 1.5% TYP. (2.0% MAX.) IN ALL DIRECTIONS.
- (IC) BUILD INTEGRAL CURB, SEE DETAIL SHEET 1-11.
- (SC) SLOPE CURB TO MATCH RAMP SLOPE.
- (SW) BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 24360. SIDEWALK CROSS SLOPE SHALL BE 1.5% TYP. (2.0% MAX.).
- (GR) GUTTER AT CURB ACCESS RAMP, SEE COA STD. DWG. 2415B.
- (CG) 8" CURB & GUTTER, SEE COA STD. DWG. 2415A.



WSP USA INC.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
CURB RAMP DETAILS

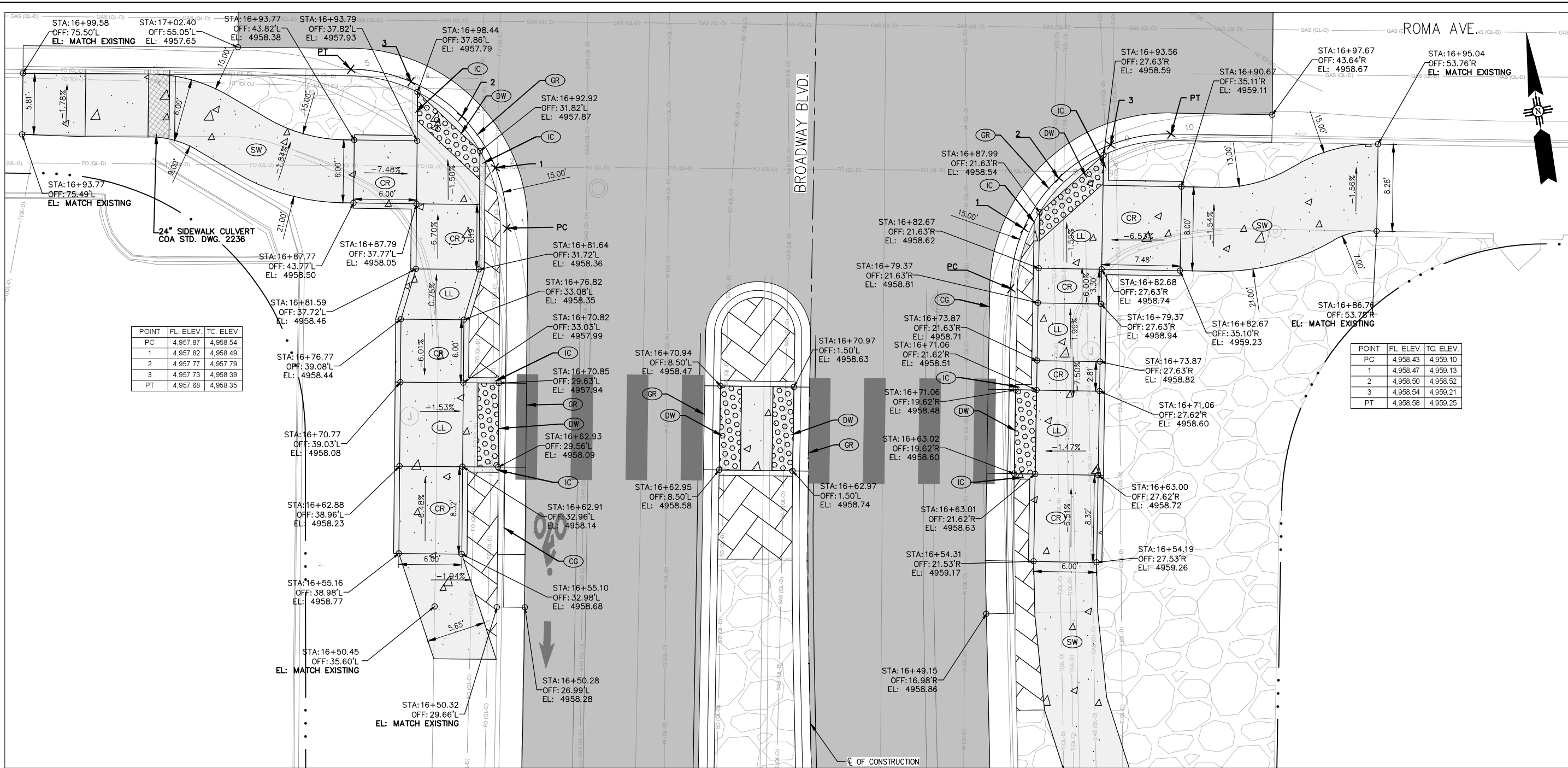
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 3-5

ENGINEER'S SEAL
 SURVEY INFORMATION
 FIELD NOTES
 NO. BY DATE
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

AS BUILT INFORMATION

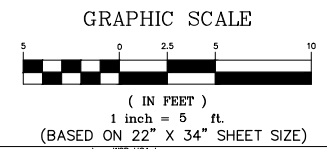
CONTRACTOR	DATE
WORK INSPECTED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
REVISIONS BY	DATE
DATE	DATE
CORRECTED BY	DATE
RECORDED BY	DATE
NO.	NO.



POINT	FL ELEV.	TC ELEV.
PC	4,957.87	4,958.54
1	4,957.82	4,958.49
2	4,957.77	4,957.79
3	4,957.73	4,958.39
PT	4,957.68	4,958.35

POINT	FL ELEV.	TC ELEV.
PC	4,958.43	4,959.10
1	4,958.47	4,959.13
2	4,958.50	4,958.52
3	4,958.54	4,959.21
PT	4,958.58	4,959.25

- KEYED NOTES:**
- (DW) INSTALL 2' WIDE DETECTABLE WARNING SURFACE, SEE COA STD. DWG. 2446.
 - (CR) BUILD RAMP. RUNNING SLOPES OF CURB RAMPS SHALL BE 7.5% TYP. (8.3% MAX). CROSS SLOPES SHALL BE 1.5% TYP. (2.0% MAX).
 - (LL) BUILD LEVEL LANDING, RUNNING AND CROSS SLOPES OF CURB RAMP LANDING SHALL BE 1.5% TYP. (2.0% MAX.) IN ALL DIRECTIONS.
 - (IC) BUILD INTEGRAL CURB, SEE DETAIL SHEET 1-11.
 - (SC) SLOPE CURB TO MATCH RAMP SLOPE.
 - (SW) BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 24360. SIDEWALK CROSS SLOPE SHALL BE 1.5% TYP. (2.0% MAX.).
 - (GR) GUTTER AT CURB ACCESS RAMP, SEE COA STD. DWG. 2415B.
 - (CG) 8" CURB & GUTTER, SEE COA STD. DWG. 2415A.



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	A CITY OF ALBUQUERQUE 1 1/2" ALUMINUM DISK.	DATE	DATE	NO.	BY	NO.	BY
WORK PERFORMED BY	THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE	DATE	NO.	BY	NO.	BY
ACCEPTANCE BY		DATE	DATE	NO.	BY	NO.	BY
REVISION BY		DATE	DATE	NO.	BY	NO.	BY
DRAWINGS CORRECTED BY		DATE	DATE	NO.	BY	NO.	BY
MICRO-FILM INFORMATION		DATE	DATE	NO.	BY	NO.	BY
RECORDED BY		DATE	DATE	NO.	BY	NO.	BY

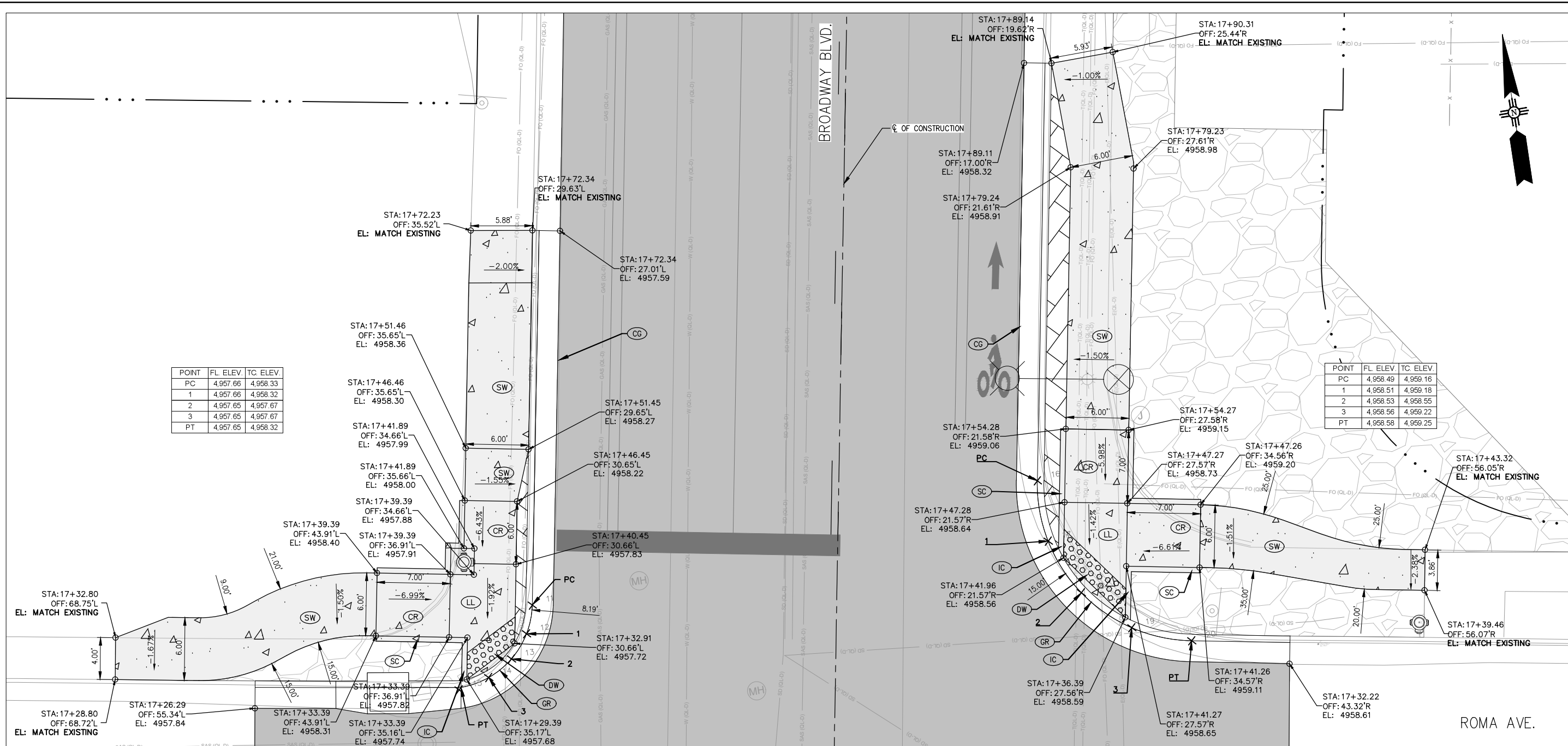
NOT FOR CONSTRUCTION
 60% SUBMITTAL

WSP USA INC.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505 888 5357
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 CURB RAMP DETAILS

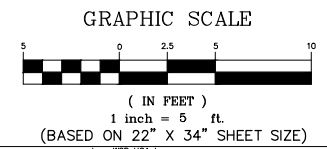
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet **3-6**



BROADWAY BLVD. AND ROMA AVE. (NORTH)

- KEYED NOTES:**
- (DW) INSTALL 2' WIDE DETECTABLE WARNING SURFACE, SEE COA STD. DWG. 2446.
 - (CR) BUILD RAMP. RUNNING SLOPES OF CURB RAMPS SHALL BE 7.5% TYP. (8.3% MAX). CROSS SLOPES SHALL BE 1.5% TYP. (2.0% MAX).
 - (LL) BUILD LEVEL LANDING, RUNNING AND CROSS SLOPES OF CURB RAMP LANDING SHALL BE 1.5% TYP. (2.0% MAX.) IN ALL DIRECTIONS.
 - (IC) BUILD INTEGRAL CURB, SEE DETAIL SHEET 1-11.
 - (SC) SLOPE CURB TO MATCH RAMP SLOPE.
 - (SW) BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 24360. SIDEWALK CROSS SLOPE SHALL BE 1.5% TYP. (2.0% MAX.).
 - (GR) GUTTER AT CURB ACCESS RAMP, SEE COA STD. DWG. 2415B.
 - (CG) 8" CURB & GUTTER, SEE COA STD. DWG. 2415A.



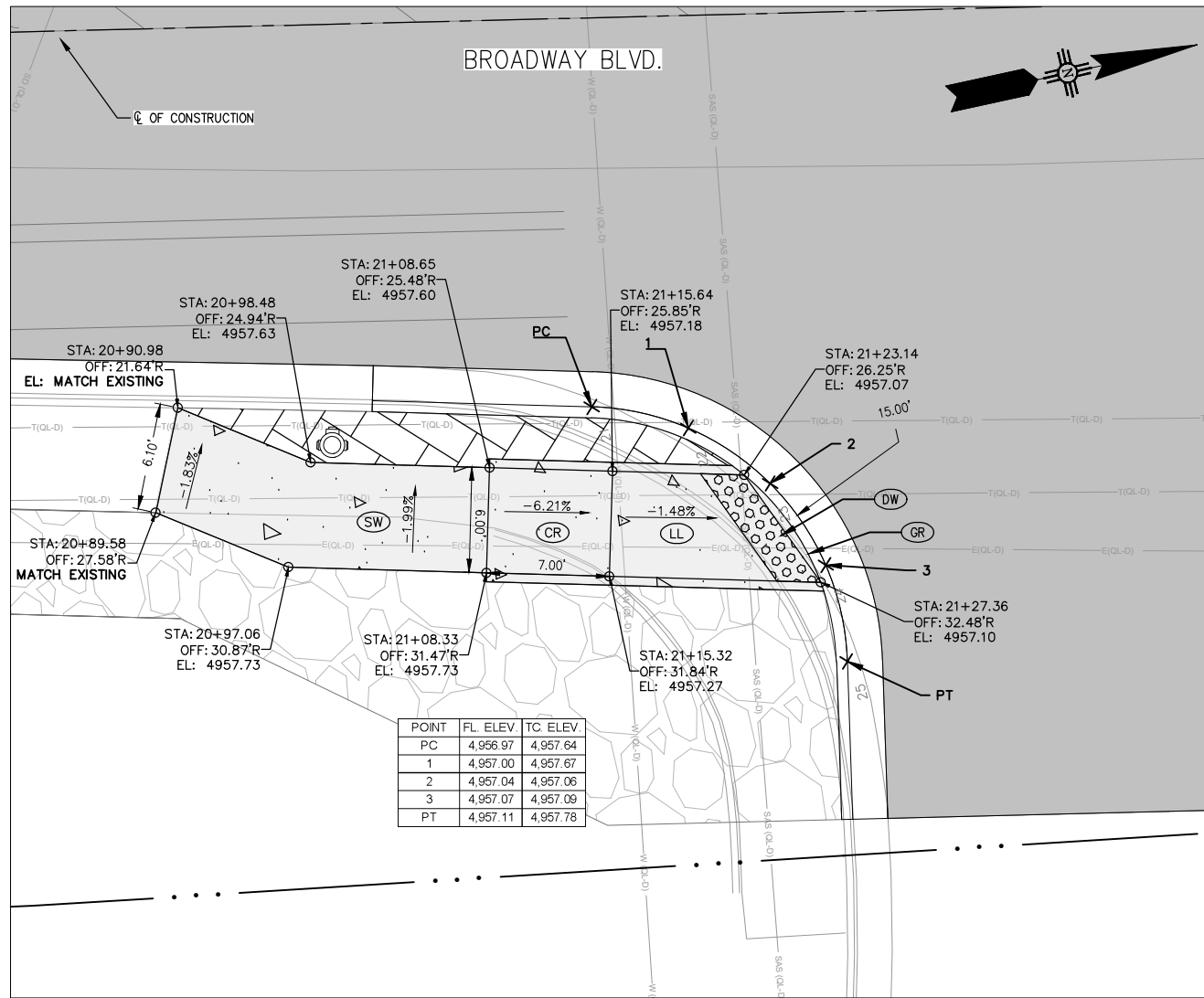
wsp
 WSP USA, INC.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.868.5357
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 CURB RAMP DETAILS

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

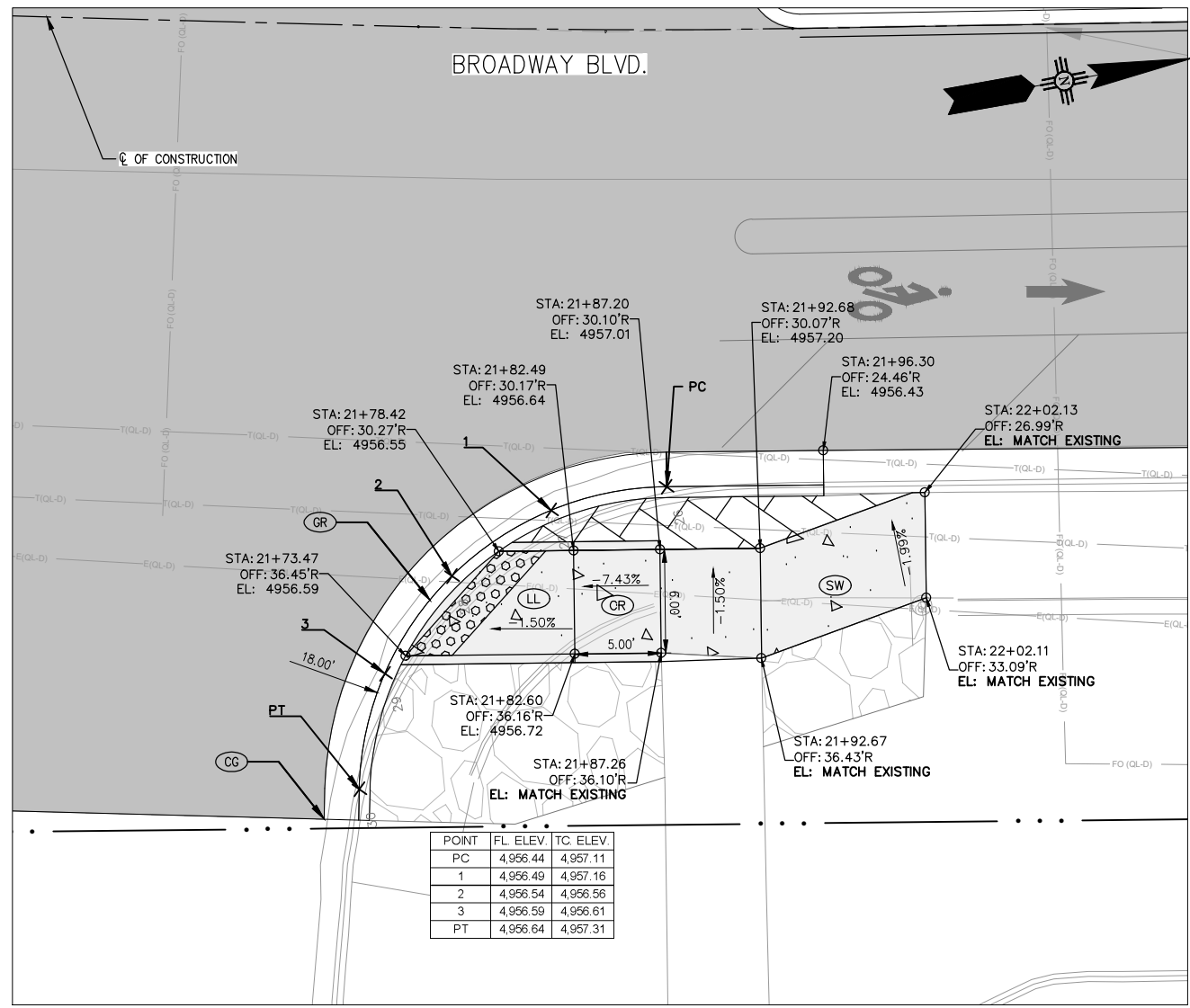
City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 3-7

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	NO.	DATE	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	WORK PERFORMED BY	DATE
REMARKS		FIELD NOTES		CORRECTED BY		MICRO-FILM INFORMATION	
NOT FOR CONSTRUCTION							
	DESIGN		2/22/2024				
	DRAWN BY:		2/22/2024				
	CHECKED BY:		2/22/2024				



POINT	FL. ELEV.	TC. ELEV.
PC	4,956.97	4,957.64
1	4,957.00	4,957.67
2	4,957.04	4,957.06
3	4,957.07	4,957.09
PT	4,957.11	4,957.78

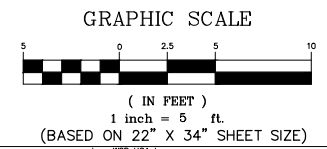
SOUTH MCDONALDS ENTRANCE



POINT	FL. ELEV.	TC. ELEV.
PC	4,956.44	4,957.11
1	4,956.49	4,957.16
2	4,956.54	4,956.56
3	4,956.59	4,956.61
PT	4,956.64	4,957.31

NORTH MCDONALDS ENTRANCE

- KEYED NOTES:**
- (DW) INSTALL 2' WIDE DETECTABLE WARNING SURFACE, SEE COA STD. DWG. 2446.
 - (CR) BUILD RAMP. RUNNING SLOPES OF CURB RAMP SHALL BE 7.5% TYP. (8.3% MAX). CROSS SLOPES SHALL BE 1.5% TYP. (2.0% MAX).
 - (LL) BUILD LEVEL LANDING, RUNNING AND CROSS SLOPES OF CURB RAMP LANDING SHALL BE 1.5% TYP. (2.0% MAX.) IN ALL DIRECTIONS.
 - (IC) BUILD INTEGRAL CURB, SEE DETAIL SHEET 1-11.
 - (SC) SLOPE CURB TO MATCH RAMP SLOPE.
 - (SW) BUILD CONCRETE SIDEWALK, SEE COA STD. DWG. 24360. SIDEWALK CROSS SLOPE SHALL BE 1.5% TYP. (2.0% MAX.).
 - (GR) GUTTER AT CURB ACCESS RAMP, SEE COA STD. DWG. 2415B.
 - (CG) 8" CURB & GUTTER, SEE COA STD. DWG. 2415A.



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

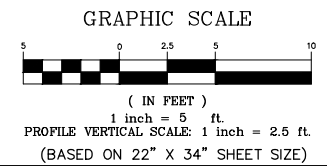
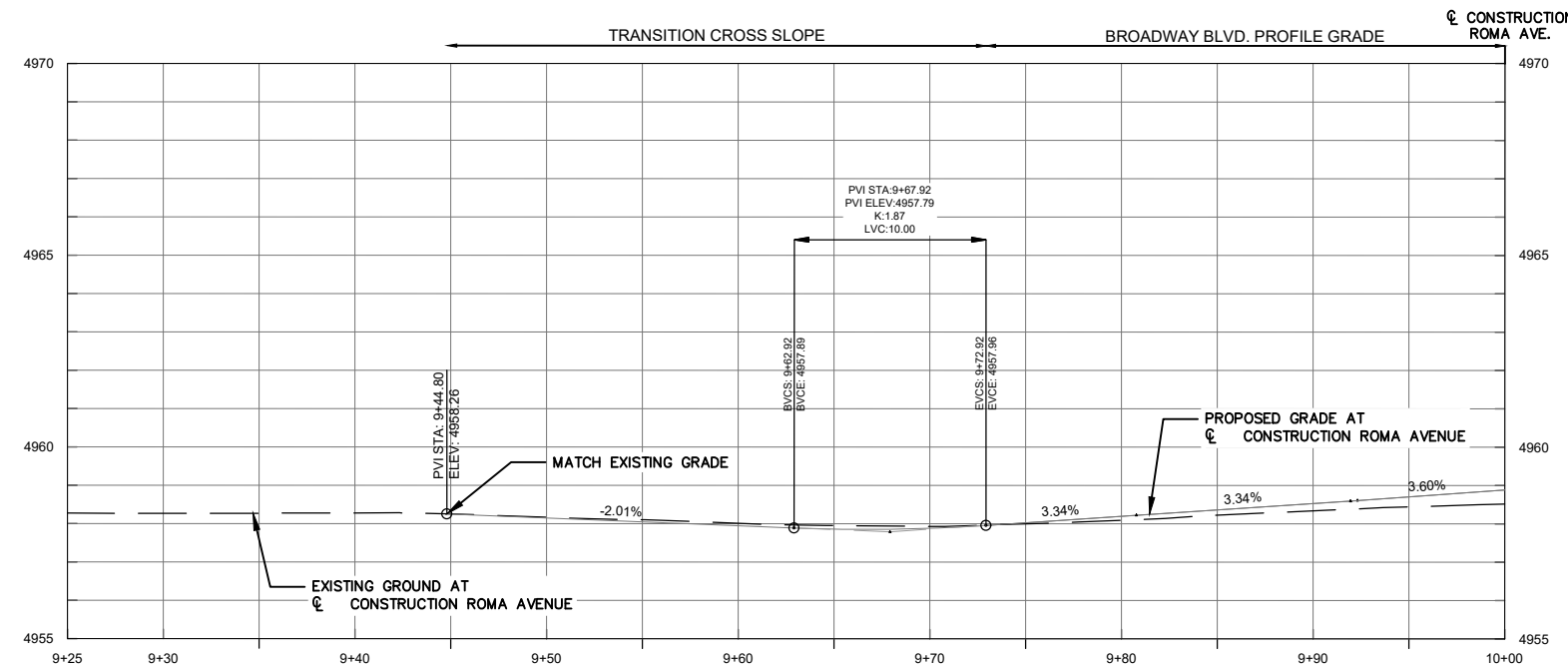
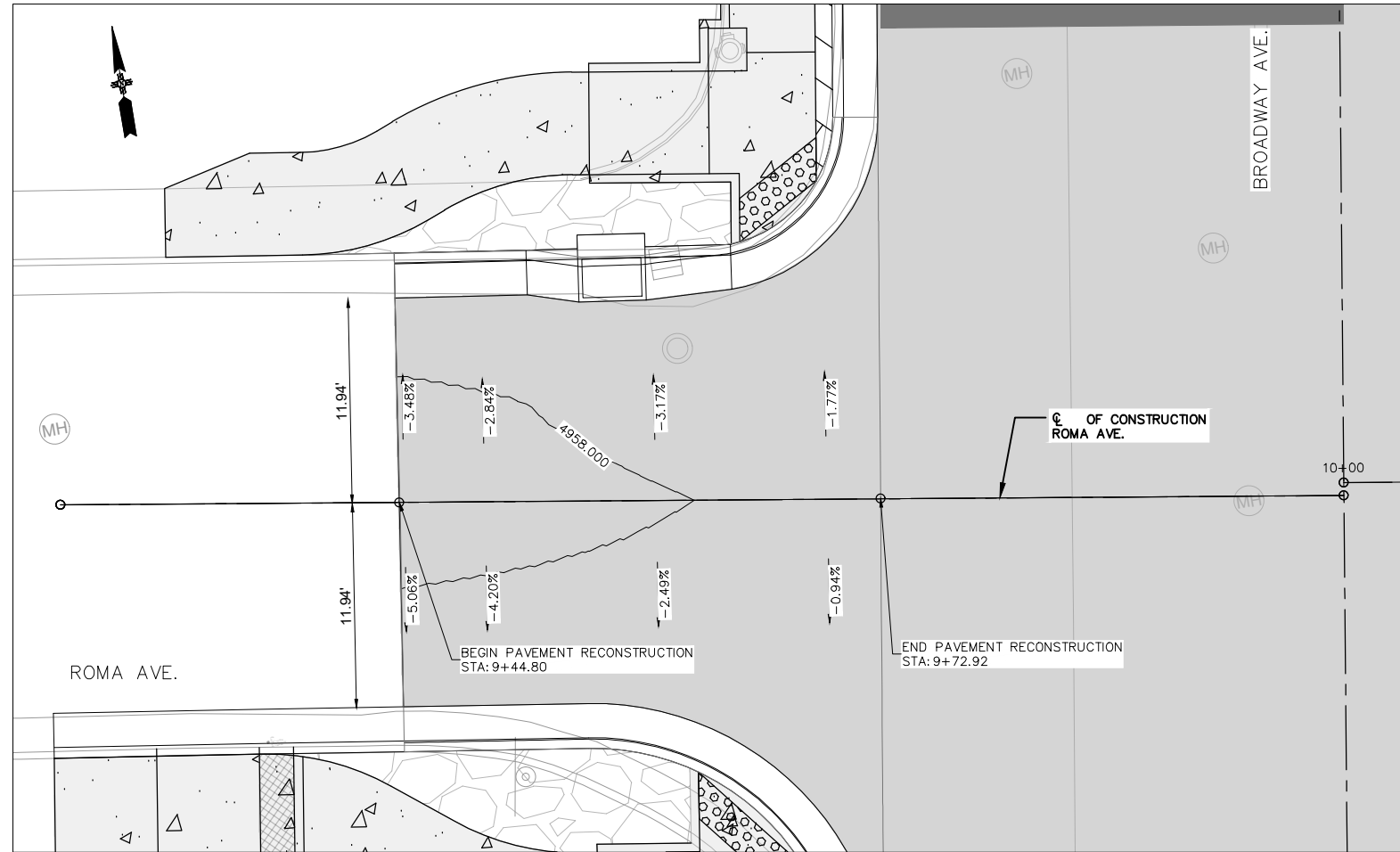
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
CURB RAMP DETAILS

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

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 3-8

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK PERFORMED BY	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE				
REVISIONS BY	DATE						
DRAWINGS CORRECTED BY	DATE						
MICRO-FILM INFORMATION	RECORDED BY						
	NO.						

60% SUBMITTAL NOT FOR CONSTRUCTION



WSP USA, INC.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

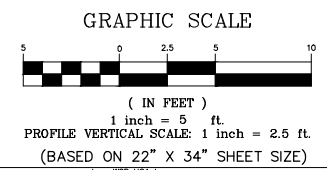
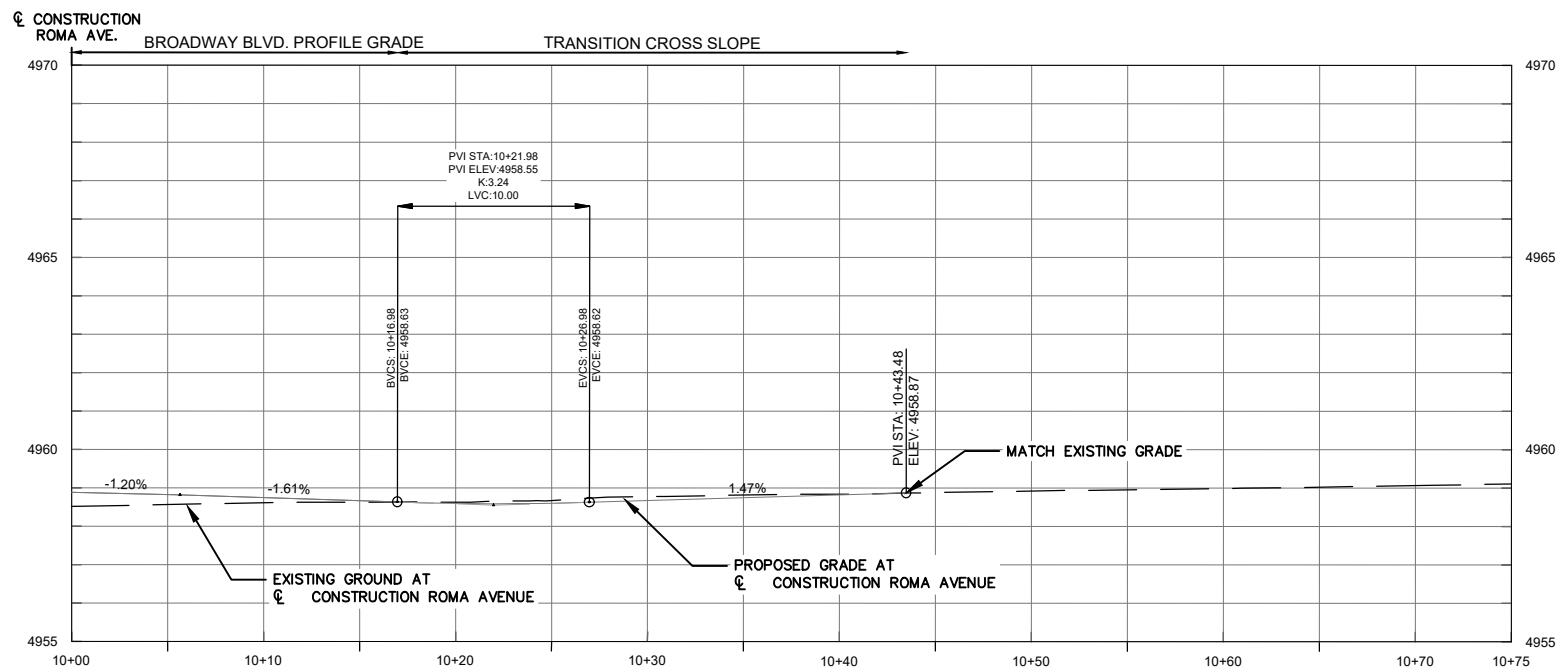
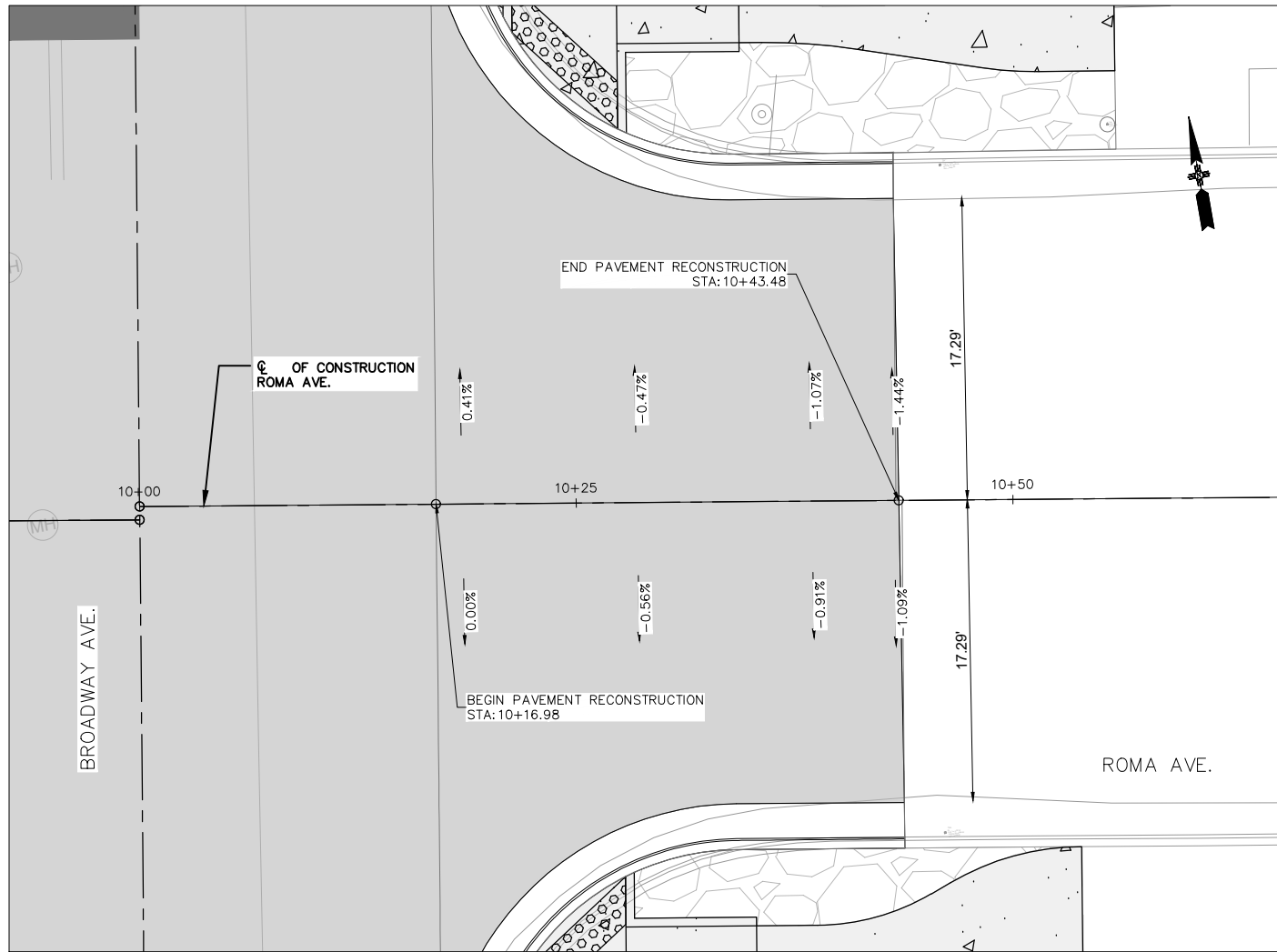
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
INTERSECTION DETAILS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 3-9

ENGINEER'S SEAL
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK PERFORMED BY	DATE
			A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTED BY	DATE
				ACCEPTANCE BY	DATE
				REVISIONS BY	DATE
				CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



WSP USA, INC.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.888.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

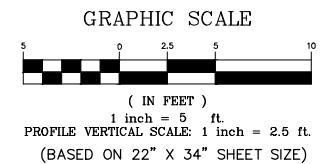
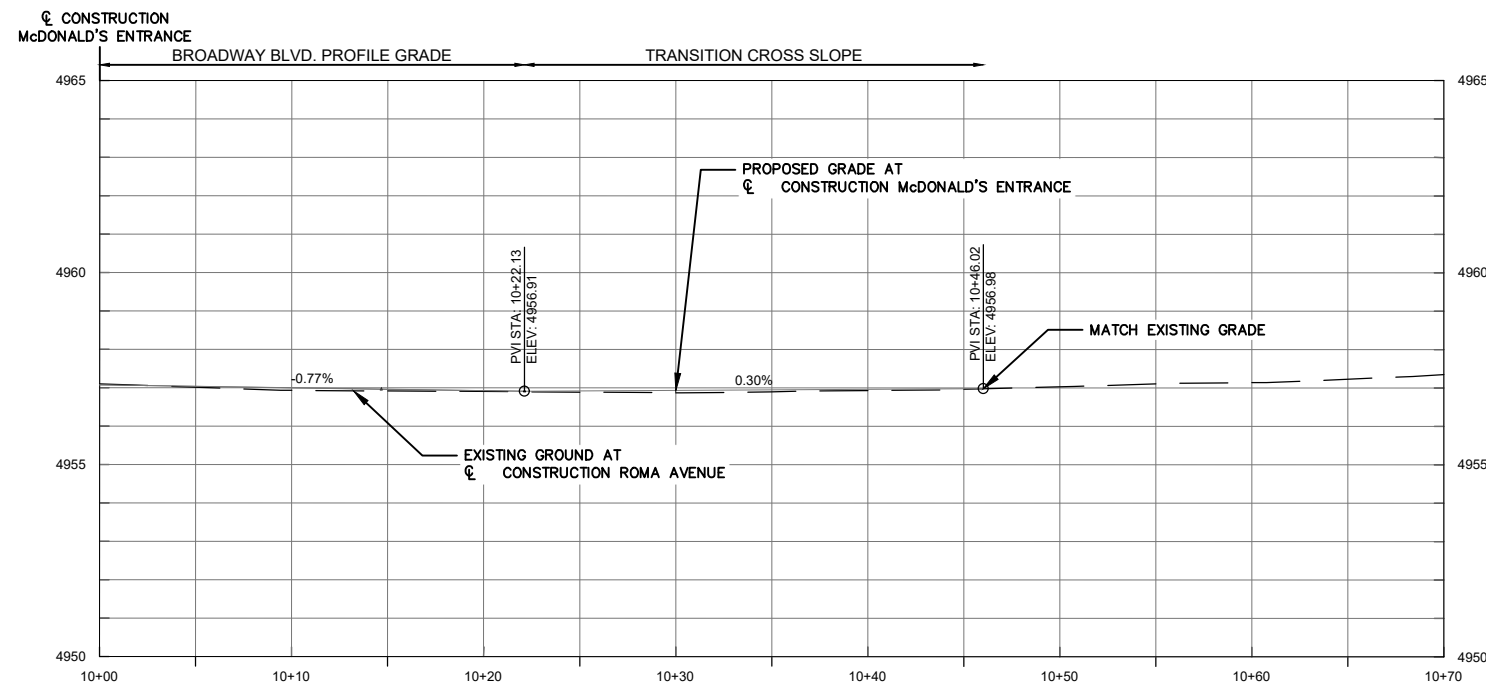
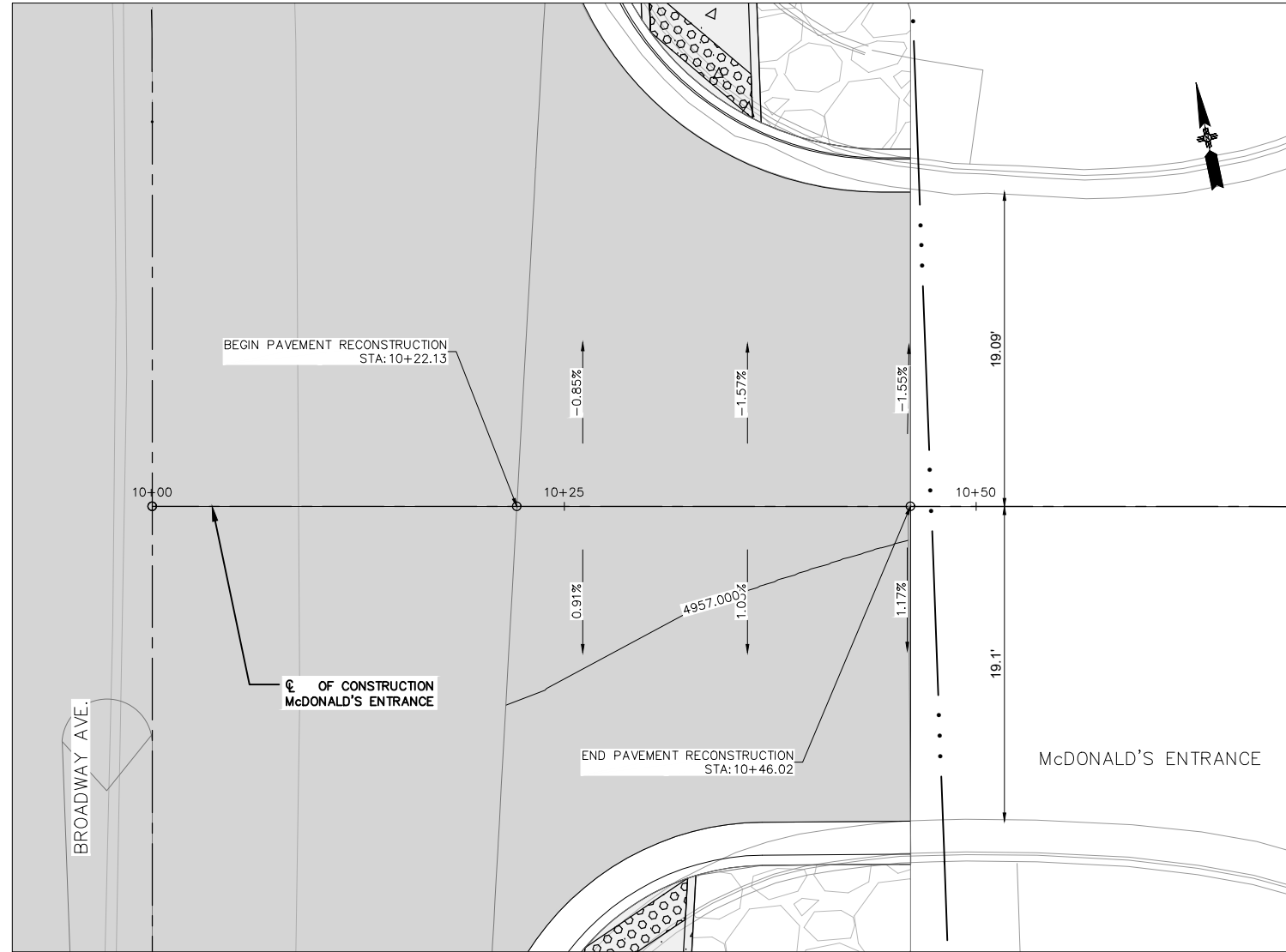
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
INTERSECTION DETAILS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 3-10

ENGINEER'S SEAL
 SURVEY INFORMATION
 FIELD NOTES
 NO. BY DATE
 AS BUILT INFORMATION
 CONTRACTOR
 WORK INSPECTED BY
 DATE
 ACCEPTANCE BY
 DATE
 VERIFICATION BY
 DATE
 DRAWINGS BY
 DATE
 CORRECTED BY
 DATE
 MICRO-FILM INFORMATION
 RECORDED BY
 DATE
 NO.

60% SUBMITTAL
 NOT FOR CONSTRUCTION



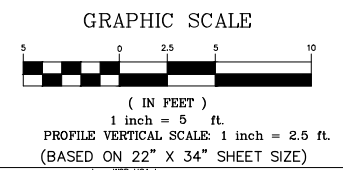
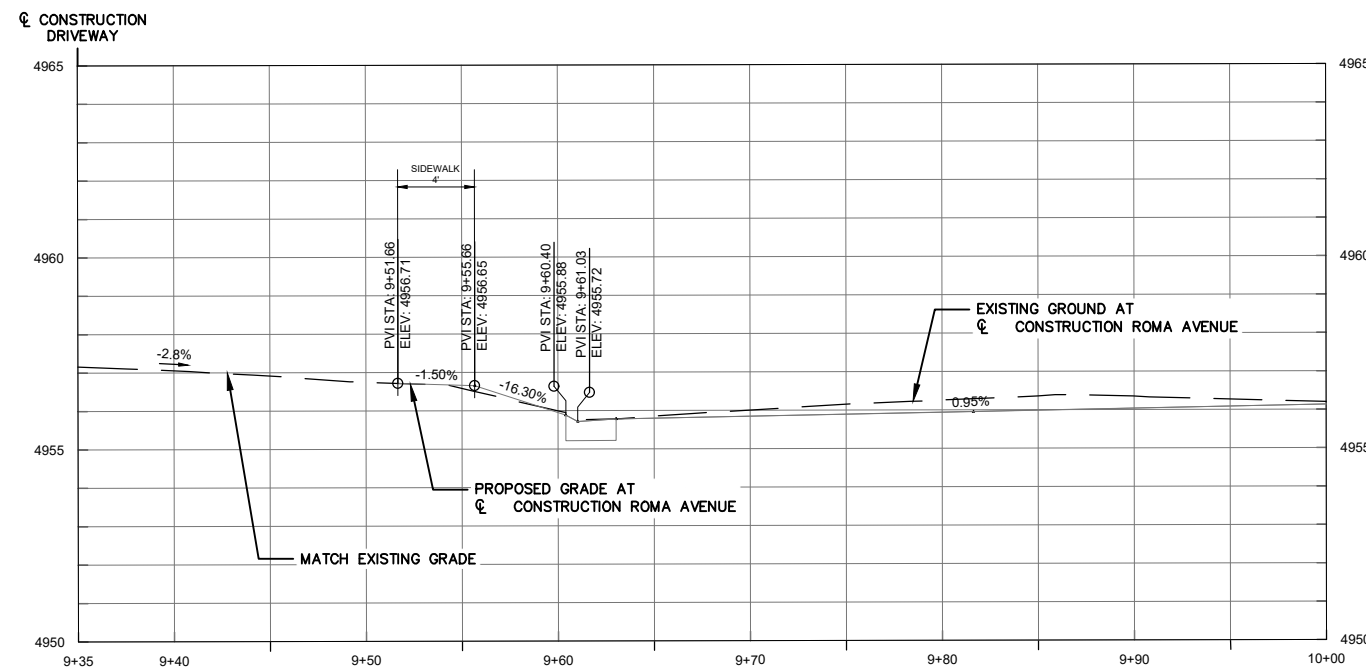
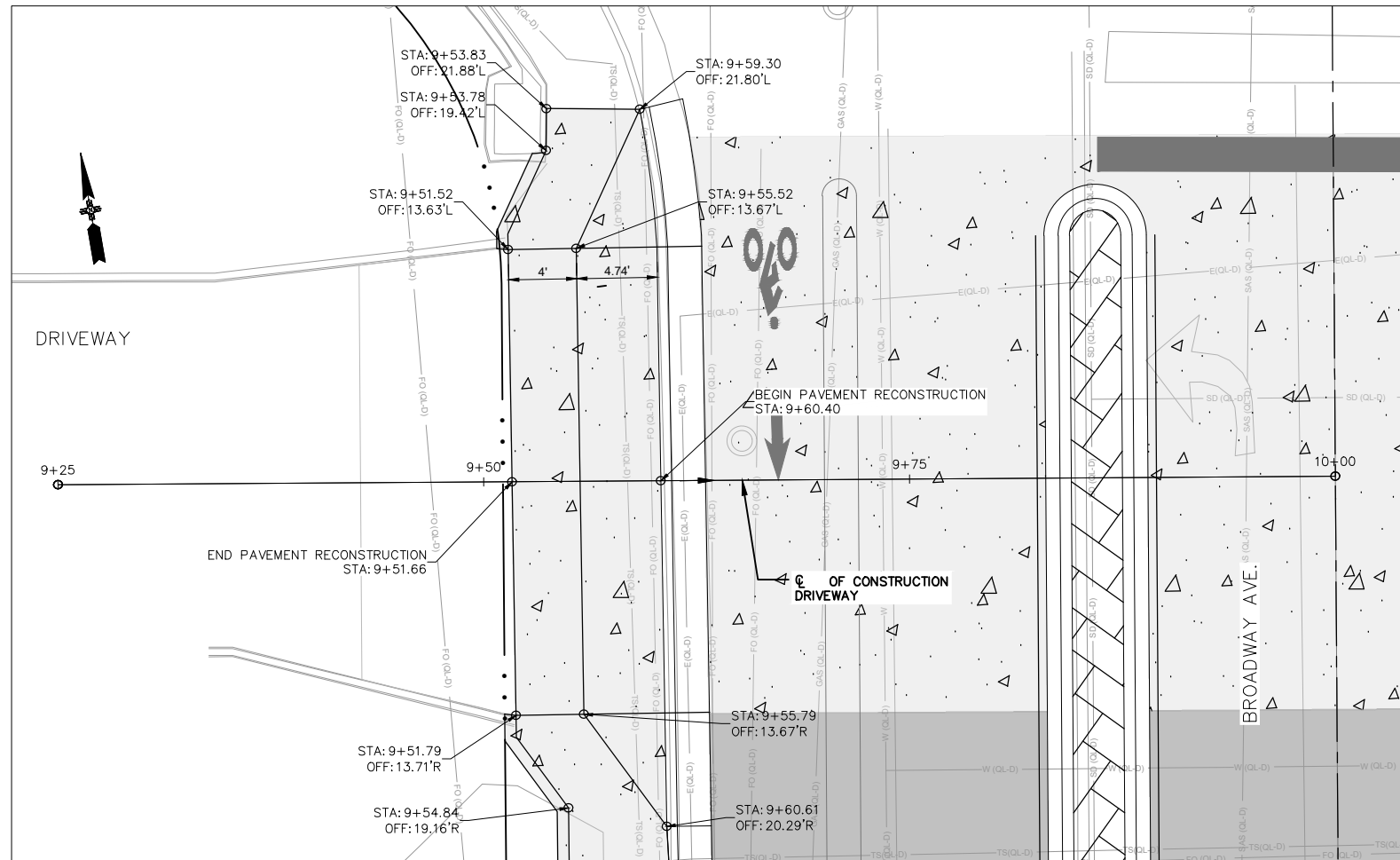
WSP USA, INC.
 2445 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.5357
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 INTERSECTION DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 3-11	

ENGINEER'S SEAL
 SURVEY INFORMATION
 FIELD NOTES
 NO. BY DATE
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORK PERFORMED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE
REPLICATION BY	DATE
DRAWINGS	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE



WSP USA, INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.888.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
DRIVEPAD DETAILS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 3-12

ENGINEER'S SEAL
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	NO.	CONTRACTOR	DATE
				WORK PERFORMED BY	DATE
				INSPECTOR'S ACCEPTANCE BY	DATE
				THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE
				REPLICATION BY	DATE
				DRAWINGS	DATE
				CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.

GENERAL NOTES FOR PAVEMENT MARKINGS:

- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, STANDARD DETAILS (SECTION 2600) AND THE CURRENT EDITION OF THE MUTCD (WITH REVISIONS).
- ALL REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION 443 OF THE COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION. PAINTING OVER EXISTING DOES NOT CONSTITUTE APPROVED REMOVAL OR OBLITERATION.
- THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE PROJECT MANAGER.
- THE CONTRACTOR MAY BE REQUIRED BY THE PROJECT MANAGER TO PREPARE AS-BUILT DRAWINGS OF THE EXISTING STRIPING AND PAVEMENT MARKINGS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF THE PAVEMENT MARKINGS ON FINAL SURFACE COURSE FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED. THE LAYOUT OF ALL PAVEMENT MARKINGS SHALL BE APPROVED BY THE PROJECT MANAGER PRIOR TO THE APPLICATION OF MATERIALS.
- ALL LANE DIMENSIONS ARE FROM CENTER OF LANE STRIPE, CENTER OF DOUBLE LANE STRIPE, LIP OF GUTTER, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE FINAL PAVEMENT MARKINGS AND LONGITUDINAL STRIPING SHALL BE 120 MIL. (0.120") THICK PLASTIC RETROREFLECTORIZED STRIPING PLACED WITHIN 14 TO 30 CALENDAR DAYS AFTER COMPLETION OF THE FINAL PAVEMENT SURFACE, OR AS DIRECTED BY THE PROJECT MANAGER. TEMPORARY STRIPING SHALL BE PAINT UNLESS OTHERWISE NOTED.
- ALL FINAL TRANSVERSE MARKINGS SHALL BE 120 MIL (0.120") PLASTIC RETROREFLECTORIZED STRIPING. ALL PAVEMENT ARROWS AND LEGENDS SHALL BE A RETROREFLECTORIZED PREFORMED PLASTIC PAVEMENT MARKING.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FINAL SURFACE COURSE IS PLACED SO THAT THE STRIPING IS OFFSET ONE (1) FOOT CLEAR OF THE PAVEMENT CONSTRUCTION JOINT, UNLESS OTHERWISE DIRECTED BY THE CONSTRUCTION ENGINEER.
- THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE PROJECT MANAGER BY SWEEPING AND AIR-JET BLOWING IMMEDIATELY PRIOR TO THE PLACEMENT OF ALL PAVEMENT MARKINGS. THE TEMPERATURE SHALL NOT BE LESS THAN 50°F FOR THE PLACEMENT OF THERMOPLASTIC STRIPING, AND 40°F FOR THE PLACEMENT OF RAISED PAVEMENT MARKERS (RPM'S).
- THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS AND STANDARDS WHEN INSTALLING STRIPING, PAVEMENT MARKINGS AND MARKERS.
- ALL VERTICAL CURBS AT RAMPS AND OTHER LOCATIONS NOTED IN THE PLANS SHALL BE PAINTED YELLOW WITH RETROREFLECTIVE GLASS BEADS (PAID FOR AS ITEM 440.015 REFLECTORIZED PAINT FOR MEDIAN NOSE, CIP), SEE PAINTED CURB MARKING DETAIL ON SHEET 5-3.
- THE TEMPERATURE SHALL BE AT LEAST 50°F AND RISING FOR INSTALLATION OF STRIPING.

GENERAL NOTES FOR PERMANENT SIGNS:

- ALL NEW SIGNS SHALL MEET THE MINIMUM REQUIREMENTS SPECIFIED IN THE CITY OF ALBUQUERQUE STANDARD DETAILS (SECTION 2600) AND THE CURRENT EDITION OF THE MUTCD (WITH REVISIONS).
- ALL EXISTING SIGNS TO REMAIN, EXCEPT AS SHOWN ON PLANS OR AS DIRECTED BY THE PROJECT MANAGER.
- ALL REMOVED SIGNS TO BE SALVAGED TO CITY OF ALBUQUERQUE PINO YARDS.
- ALL EXISTING SIGNS SHALL BE CLEANED AND FREE OF GRAFFITI, DIRT, OR OTHER OBSTRUCTIONS. THIS WORK SHALL BE INCLUDED AND PAID FOR UNDER ITEM 19.010 (CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPL.) AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.
- ANY EXISTING SIGNS CONFLICTING WITH THE INTERSECTION OPERATION OR OTHER SIGNS SHALL BE REMOVED AS DIRECTED BY THE PROJECT MANAGER.
- CONTACT CITY OF ALBUQUERQUE TRAFFIC ENGINEERING AT (505) 857-8000 FOR HANDLING ARRANGEMENTS OF EXISTING SIGNS THAT ARE INDICATED TO BE REMOVED AND SALVAGED.
- CONTRACTOR SHALL INSTALL A CORRESPONDINGLY SIZED 30 INCH LONG BASE POST WITH AN 18 INCH LONG BASE POST SLEEVE. SIGN POSTS SHOULD BE INSERTED 6 INCHES INTO THE BASE POST OR PER MANUFACTURER'S RECOMMENDATION.
- LOCATIONS OF ALL SIGNS AND POSTS ARE SCHEMATIC. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT SIGN LOCATIONS PRIOR TO INSTALLATION.


INCIDENTAL ITEMS (TO CONSTRUCTION)

- CLEANING AND REMOVAL OF DEBRIS FOR EXISTING SIGNS TO REMAIN PER GENERAL NOTE 4 (SIGNS).
- AS-BUILT DRAWINGS OF THE EXISTING STRIPING AND PAVEMENT MARKINGS PER GENERAL NOTE 4 (PAVEMENT MARKINGS).

ITEM NO.	BID ITEM	UNITS	TOTAL
440.015	REFLECTORIZED PAINT FOR MEDIAN NOSE, CIP.	S.F.	300
441.001	RETROREFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP.	L.F.	6,300
441.005	RETROREFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH CIP.	L.F.	700
441.010	RETROREFLECTORIZED PLASTIC ARROW, RIGHT, CIP.	EA	4
441.011	RETROREFLECTORIZED PLASTIC ARROW, LEFT, CIP.	EA	7
441.031	RETROREFLECTORIZED PLASTIC SYMBOL, BICYCLE, CIP.	EA.	10
441.040	RETROREFLECTORIZED PLASTIC MARKING, ARROW, SYMBOL, OR WORD, CIP. (LEFT LANE DROP AND BICYCLE ARROW)	EA.	12
450.001	ALUMINUM PANEL SIGN, CIP.	S.F.	80
450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP.	L.F.	180

60% SUBMITTAL NOT FOR CONSTRUCTION

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	BY	DATE
WORKED BY	DATE	THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE				
INSPECTOR'S ACCEPTANCE BY	DATE						
REPLICATION BY	DATE						
DRAWINGS CORRECTED BY	DATE						
MICRO-FILM INFORMATION	DATE						
RECORDED BY	NO.						



WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
PERMANENT SIGNING AND STRIPING NOTES AND QUANTITIES

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.		MO./DAY/YR.	
		DESIGNED BY: WSP	DATE: 2/21/2024		
		DRAWN BY: WSP	DATE: 2/21/2024		
		CHECKED BY: WSP	DATE: 2/21/2024		

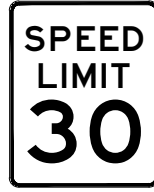
City Project No.
COA: 6319.96

Zone Map No.
K14, J14

Sheet
5-1



R1-1-30
W/R
30" x 30"



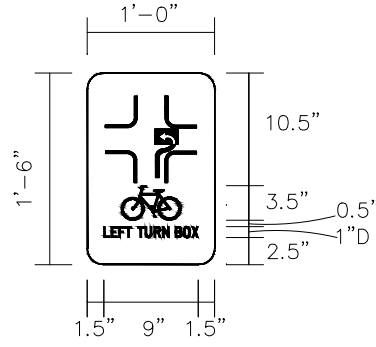
R2-1-24-30
B/W
24" x 30"



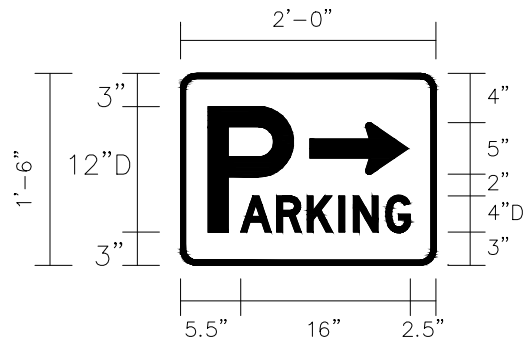
R3-7R-30
B/W
30" x 30"



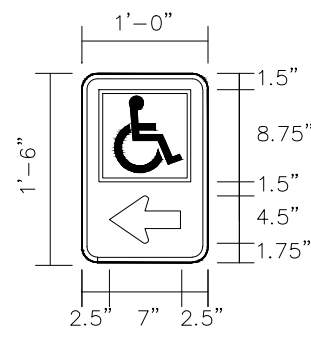
R12-3-24-3
B/W
24" x 36"



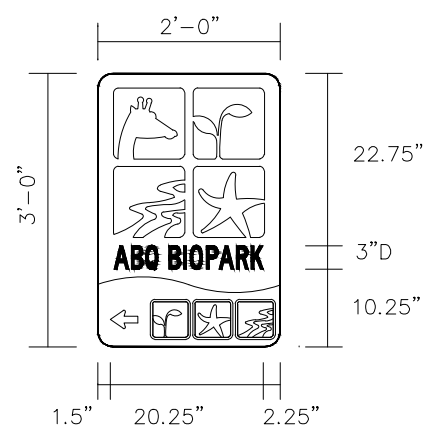
SP-101-12
(BIKE LEFT TURN BOX)
G/W
12" x 18"



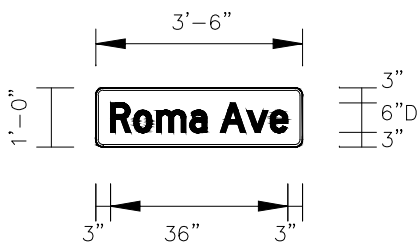
SP-102-24
(PARKING RIGHT ARROW)
W/G
24" x 18"



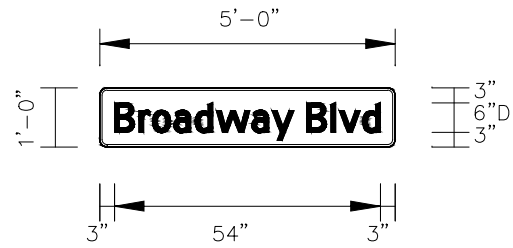
SP-103-12
(HANDICAP LEFT ARROW)
BL/W
12" x 18"



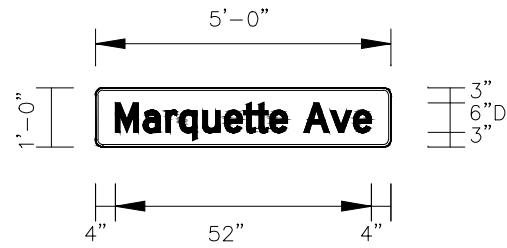
SP-104-24
(ABQ BIOPARK)
MULTI-COLORED
24" x 36"



D3-1-42
(ROMA AVE)
G/W
42" x 12"



D3-1-60
(BROADWAY BLVD)
G/W
60" x 12"



D3-1-60
(MARQUETTE AVE)
G/W
60" x 12"

BUS STOP

243-RIDE(7433)
WWW.CABQ.GOV/ABORIDE

ALBUQUERQUE

SP-105-12
(BUS STOP)

16
BROADWAY
BLVD

SP-106-6
(BUS STOP
LOCATION)

*SIGN TO BE PROVIDED
BY ABQ RIDE

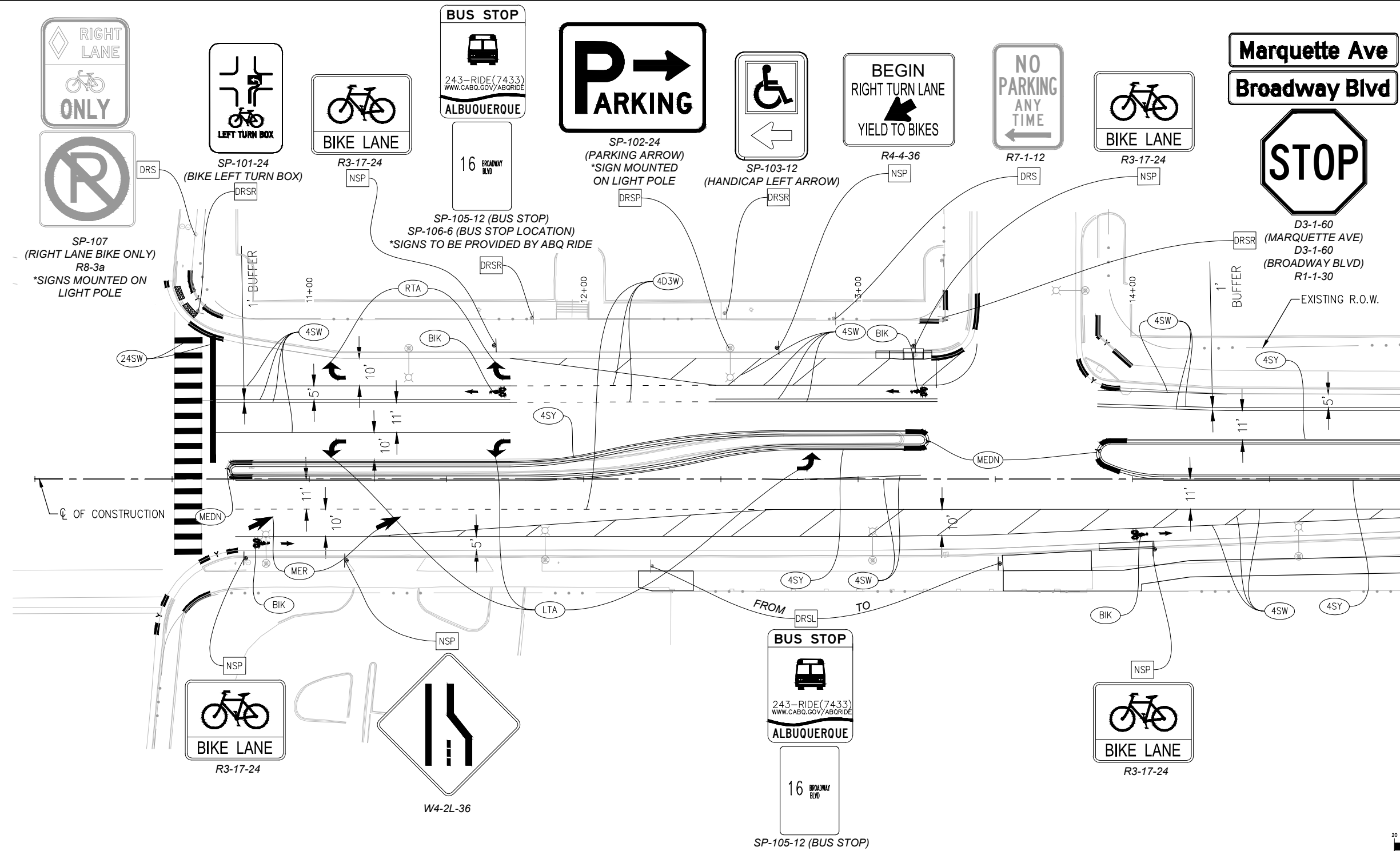


WSP USA, Inc.
2440 LOUISIANA BLVD, NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION			
BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. PERMANENT SIGN FACE DETAILS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-2	

60% SUBMITTAL
 NOT FOR CONSTRUCTION

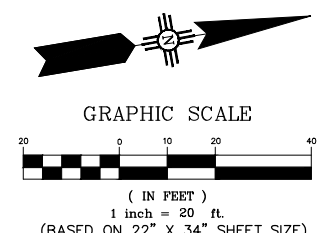
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, DATE STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	WORK PERFORMED BY	DATE
			INSPECTOR'S ACCEPTANCE BY	DATE	DATE
			REVISIONS BY	DATE	DATE
			CORRECTED BY	DATE	DATE
			MICRO-FILM INFORMATION		
			RECORDED BY		
			NO.		



Marquette Ave
Broadway Blvd

STOP

D3-1-60 (MARQUETTE AVE)
D3-1-60 (BROADWAY BLVD)
R1-1-30



- GENERAL NOTES:**
- SEE SHEET 5-1 FOR PERMANENT SIGNING AND STRIPING NOTES.
- SIGNING NOTES:**
- DRSR** REMOVE AND SALVAGE EXISTING SIGN AND POST. REPLACE WITH NEW SIGN AND POST.
 - DRSL** REMOVE AND SALVAGE EXISTING SIGN AND POST. REPLACE WITH NEW SIGN AND POST IN NEW LOCATION.
 - DRSP** REMOVE AND SALVAGE EXISTING SIGN. REPLACE WITH NEW SIGN ON UTILITY POLE OR WITH NEW POST.
 - DRS** REMOVE AND SALVAGE EXISTING SIGN AND POST.
 - NSP** INSTALL NEW SIGN AND POST.
 - PIP** EXISTING SIGN AND POST TO REMAIN.
 - NSU** INSTALL NEW SIGN ON UTILITY POLE.

- STRIPING NOTES:**
- #PC** = REFLECTORIZED PAINT
 - STRIPING COLOR
 - W = WHITE
 - Y = YELLOW
 - G = GREEN
 - STRIPING PATTERN
 - S = SOLID
 - B = BROKEN
 - D2 = DOTTED TWO FOOT STRIPE / FOUR FOOT GAP
 - D3 = DOTTED THREE FOOT STRIPE / NINE FOOT GAP
 - STRIPING WIDTH (INCHES)
 - 4 = FOUR INCHES
 - 6 = SIX INCHES
 - 8 = EIGHT INCHES
 - 12 = TWELVE INCHES
 - 24 = TWENTY FOUR INCHES

- LEGEND:**
- LTA** = REFLECTORIZED PAINTED ARROW, LEFT
 - RTA** = REFLECTORIZED PAINTED ARROW, RIGHT
 - BIK** = REFLECTORIZED PLASTIC SYMBOL, BICYCLE WITH ARROW
 - MER** = REFLECTORIZED PAINTED SYMBOL, LEFT LANE DROP ARROW
 - MEDN** = REFLECTORIZED PAINTED MEDIAN NOSE (SEE DETAIL ON SHEET 5-3)

LEGEND:

Y EXISTING CURB FACE PAINT, SOLID YELLOW.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	BY	NO.
WORK PERFORMED BY	DATE	STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF	DATE				
INSPECTOR'S ACCEPTANCE BY	DATE	THE CONCRETE CURB RETURN, INNE QUADRANT OF	DATE				
REVISIONS BY	DATE	BROADWAY BLVD. & GRAND AVE. NE.	DATE				
DRAWINGS CORRECTED BY	DATE		DATE				
MICRO-FILM INFORMATION	DATE		DATE				
RECORDED BY	NO.		DATE				

60% SUBMITTAL
NOT FOR CONSTRUCTION

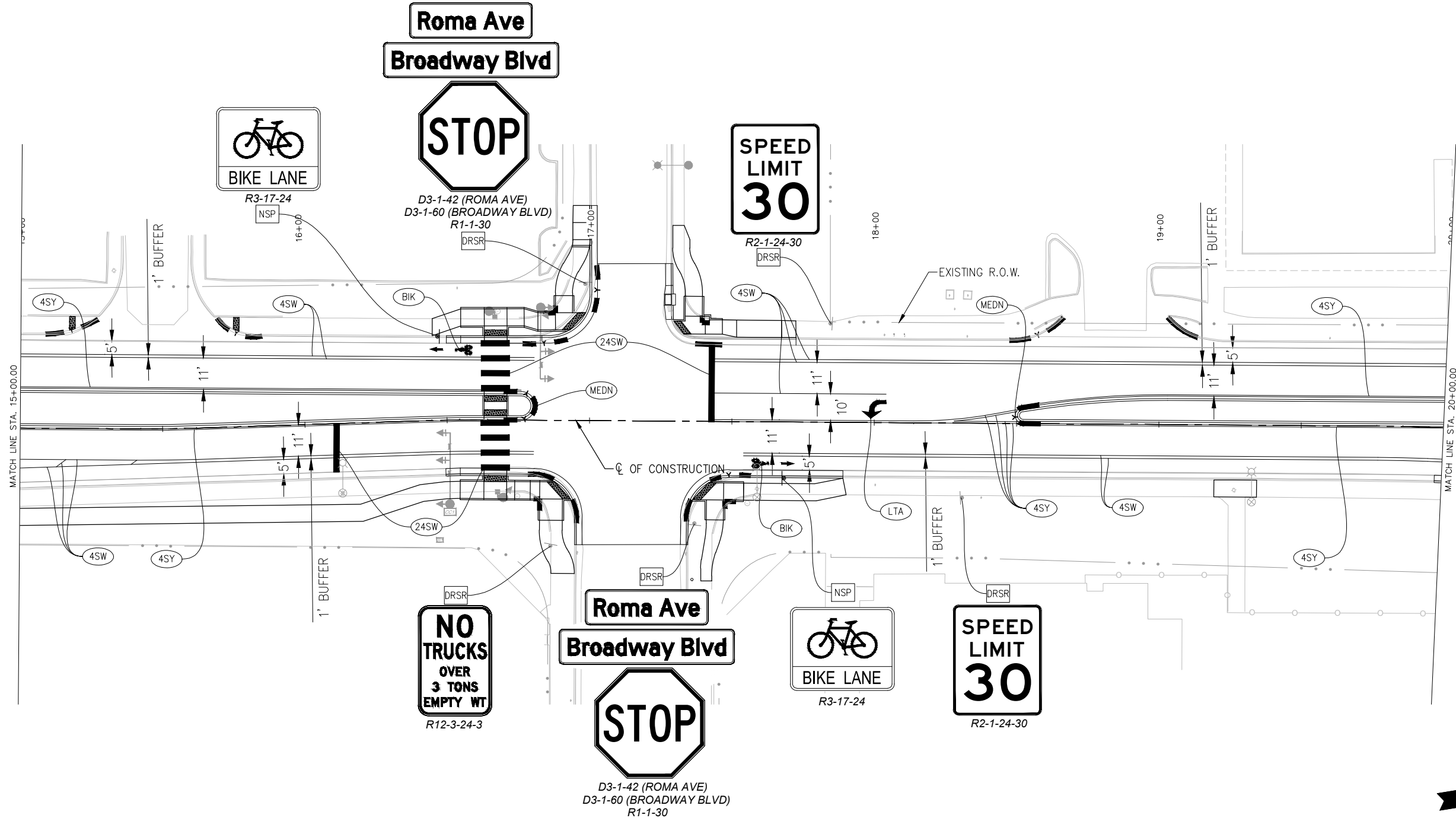
NO.	DATE	REMARKS	DESIGN
	2/22/2024		WSP
	2/22/2024		WSP
	2/22/2024		WSP

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
PERMANENT SIGNING AND STRIPING PLANS

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

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 5-4



Roma Ave
Broadway Blvd



D3-1-42 (ROMA AVE)
D3-1-60 (BROADWAY BLVD)
R1-1-30



R2-1-24-30



R12-3-24-3

Roma Ave
Broadway Blvd



D3-1-42 (ROMA AVE)
D3-1-60 (BROADWAY BLVD)
R1-1-30



R3-17-24



R2-1-24-30

GENERAL NOTES:

- SEE SHEET 5-1 FOR PERMANENT SIGNING AND STRIPING NOTES.
- SIGNING NOTES:**
- DRSR** REMOVE AND SALVAGE EXISTING SIGN AND POST. REPLACE WITH NEW SIGN AND POST.
 - DRSL** REMOVE AND SALVAGE EXISTING SIGN AND POST. REPLACE WITH NEW SIGN AND POST IN NEW LOCATION.
 - DRSP** REMOVE AND SALVAGE EXISTING SIGN. REPLACE WITH NEW SIGN ON UTILITY POLE OR WITH NEW POST.
 - DRS** REMOVE AND SALVAGE EXISTING SIGN AND POST.
 - NSP** INSTALL NEW SIGN AND POST.
 - PIP** EXISTING SIGN AND POST TO REMAIN.
 - NSU** INSTALL NEW SIGN ON UTILITY POLE.

STRIPING NOTES:

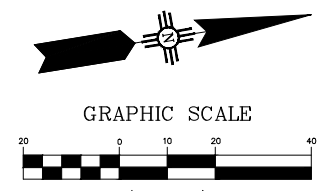
- #PC** = REFLECTORIZED PAINT
- STRIPING COLOR
 - W = WHITE
 - Y = YELLOW
 - G = GREEN
- STRIPING PATTERN
 - S = SOLID
 - B = BROKEN
 - D2 = DOTTED TWO FOOT STRIPE / FOUR FOOT GAP
 - D3 = DOTTED THREE FOOT STRIPE / NINE FOOT GAP
- STRIPING WIDTH (INCHES)
 - 4 = FOUR INCHES
 - 6 = SIX INCHES
 - 8 = EIGHT INCHES
 - 12 = TWELVE INCHES
 - 24 = TWENTY FOUR INCHES

LEGEND:

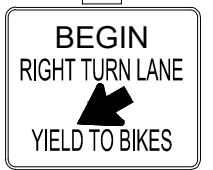
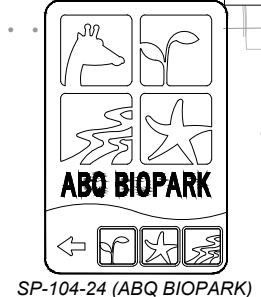
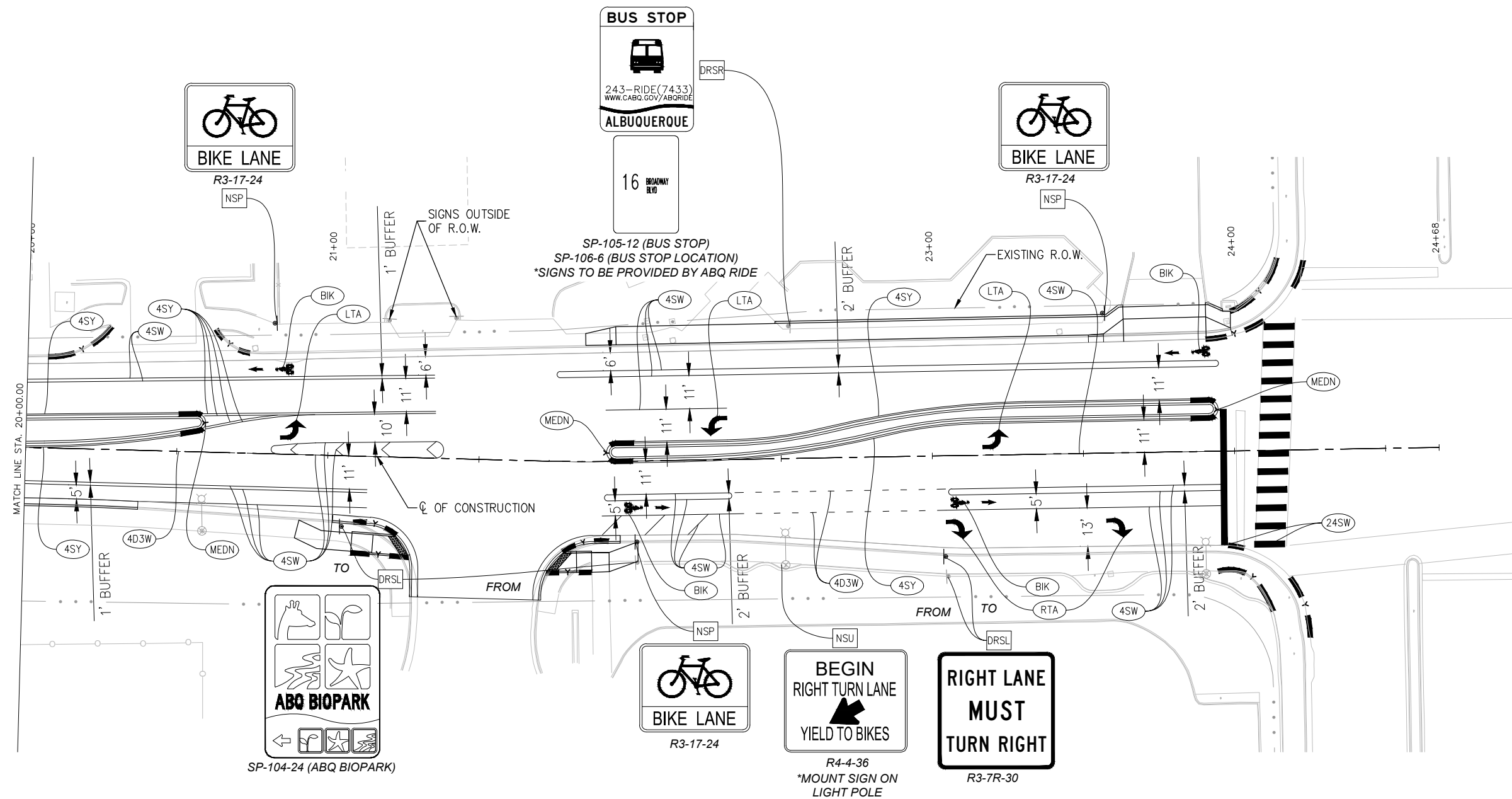
- LTA** = REFLECTORIZED PAINTED ARROW, LEFT
- RTA** = REFLECTORIZED PAINTED ARROW, RIGHT
- BIK** = REFLECTORIZED PLASTIC SYMBOL, BICYCLE WITH ARROW
- MER** = REFLECTORIZED PAINTED SYMBOL, LEFT LANE DROP ARROW
- MEDN** = REFLECTORIZED PAINTED MEDIAN NOSE (SEE DETAIL ON SHEET 5-3)

LEGEND:

- Y** EXISTING CURB FACE PAINT, SOLID YELLOW.



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	BY	NO.	DATE	NO.	DATE
NOT FOR CONSTRUCTION 60% SUBMITTAL		A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.		CONTRACTOR	DATE	WORKED BY	DATE
		INSPECTOR'S ACCEPTANCE BY	DATE	INSPECTOR'S ACCEPTANCE BY	DATE	INSPECTOR'S ACCEPTANCE BY	DATE
		REVISIONS	DATE	REVISIONS	DATE	REVISIONS	DATE
DESIGNED BY: WSP		DATE: 2/22/2024		RECORDED BY:		DATE:	
DRAWN BY: WSP		DATE: 2/22/2024		CHECKED BY: WSP		DATE: 2/22/2024	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION		BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. PERMANENT SIGNING AND STRIPING PLANS		DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL	
City Project No. COA:6319.96		Zone Map No. K14, J14		Sheet 5-5			



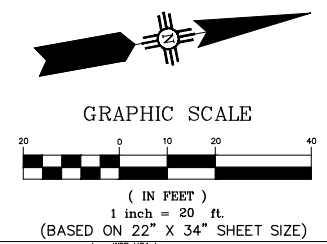
- GENERAL NOTES:**
- SEE SHEET 5-1 FOR PERMANENT SIGNING AND STRIPING NOTES.
- SIGNING NOTES:**
- DRSR** REMOVE AND SALVAGE EXISTING SIGN AND POST. REPLACE WITH NEW SIGN AND POST.
 - DRSL** REMOVE AND SALVAGE EXISTING SIGN AND POST. REPLACE WITH NEW SIGN AND POST IN NEW LOCATION.
 - DRSP** REMOVE AND SALVAGE EXISTING SIGN. REPLACE WITH NEW SIGN ON UTILITY POLE OR WITH NEW POST.
 - DRS** REMOVE AND SALVAGE EXISTING SIGN AND POST.
 - NSP** INSTALL NEW SIGN AND POST.
 - PIP** EXISTING SIGN AND POST TO REMAIN.
 - NSU** INSTALL NEW SIGN ON UTILITY POLE.

- STRIPING NOTES:**
- #PC** = REFLECTORIZED PAINT
 - STRIPING COLOR
 - W = WHITE
 - Y = YELLOW
 - G = GREEN
 - STRIPING PATTERN
 - S = SOLID
 - B = BROKEN
 - D2 = DOTTED TWO FOOT STRIPE / FOUR FOOT GAP
 - D3 = DOTTED THREE FOOT STRIPE / NINE FOOT GAP
 - STRIPING WIDTH (INCHES)
 - 4 = FOUR INCHES
 - 6 = SIX INCHES
 - 8 = EIGHT INCHES
 - 12 = TWELVE INCHES
 - 24 = TWENTY FOUR INCHES

- LEGEND:**
- LTA** = REFLECTORIZED PAINTED ARROW, LEFT
 - RTA** = REFLECTORIZED PAINTED ARROW, RIGHT
 - BIK** = REFLECTORIZED PLASTIC SYMBOL, BICYCLE WITH ARROW
 - MER** = REFLECTORIZED PAINTED SYMBOL, LEFT LANE DROP ARROW
 - MEDN** = REFLECTORIZED PAINTED MEDIAN NOSE (SEE DETAIL ON SHEET 5-3)

LEGEND:

— Y — EXISTING CURB FACE PAINT, SOLID YELLOW.



WSP USA, INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION		BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. PERMANENT SIGNING AND STRIPING PLANS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-6	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	BY	DATE		CONTRACTOR	
						WORK PERFORMED BY	DATE
						INSPECTOR'S ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWINGS CORRECTED BY	DATE
						MICRO-FILM INFORMATION	DATE
						RECORDED BY	NO.

NOT FOR SUBMITTAL
 FOR CONSTRUCTION

LIGHTING NOTES

- THE CONTRACTOR SHALL COORDINATE WITH THE TRAFFIC ENGINEERING CONSULTANT AND PROVIDE THE COA WITH A SET OF AS-BUILT DRAWINGS OF THE STREET LIGHTING PRIOR TO PROJECT ACCEPTANCE.
- LOCATIONS OF CONDUIT, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES AND TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- LIGHT STANDARDS SHALL HAVE A BREAKAWAY SYSTEM AND SHALL BE LOCATED ON 6:1 SLOPES OR FLATTER. BREAKAWAY SYSTEMS WILL BE CONSIDERED INCIDENTAL TO THE LIGHTING STANDARD.
- ALL ROADWAY LIGHTING CIRCUITS ON THIS PROJECT SHALL BE 240 VOLTS.
- CONTRACTOR SHALL REMOVE EXISTING CONDUITS AND PULL BOXES THROUGHOUT THE PROJECT AS DIRECTED BY PROJECT MANAGER AND SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- EACH CIRCUIT FOR ROADWAY LIGHTING SHALL BE INSTALLED IN SEPARATE CONDUITS UNLESS APPROVED OTHERWISE.
- EACH TIME A ROADWAY LUMINAIRE IS TURNED ON OR OFF, THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:
 - PNM
 - CITY OF ALBUQUERQUE TRAFFIC SECTION
- POWER SHALL NEITHER BE TURNED ON OR OFF UNTIL RESPONSIBLE PARTIES FOR THE LIGHTING SYSTEM HAVE BEEN NOTIFIED.
- RESPONSIBILITY AND MAINTENANCE OF LIGHTING SYSTEMS INSTALLED AS PART OF THIS PROJECT SHALL BE AS FOLLOWS:
 - ROADWAY LIGHTING SYSTEM SHALL BE ACCEPTED AND MAINTAINED BY THE CITY OF ALBUQUERQUE. THE CONTRACTOR SHALL PROVIDE THE CITY OF ALBUQUERQUE FIVE (5) WORKING DAYS NOTICE IN ADVANCE OF TURNING ON THE SYSTEM TO ALLOW THE CITY OF ALBUQUERQUE AND PNM TO INSPECT AND APPROVE THE SYSTEM BEFORE IT IS TURNED ON.
- THE CONTRACTOR SHALL PAY FOR COSTS FOR PNM TO PROVIDE POWER SERVICE. THESE COSTS WILL BE MEASURED AND PAID UNDER CONTRACT ITEM 421.016 - SERVICE CONNECTION (LIGHTING), CIP.
- ALL LUMINAIRES SHALL INCLUDE PHOTO ELECTRIC CELLS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL B2-U0-G3 BUG, 13,400 LUMENS, LED LUMINAIRES WITH INDIVIDUAL PHOTO CELLS TO CONFORM WITH THE NEW MEXICO NIGHT SKY PROTECTION ACT.
- THE CONTRACTOR SHALL ARRANGE A NIGHT INSPECTION OF THE LIGHTING SYSTEM WITH THE CITY OF ALBUQUERQUE PROJECT MANAGER AND CITY OF ALBUQUERQUE TRAFFIC SECTION TO ENSURE COMPLIANCE WITH THE NEW MEXICO NIGHT SKY PROTECTION ACT AND PROPER LEVELING OF LUMINAIRE HEADS.

LIGHTING NOTES (CONTINUED)

- LIGHTING CONTROL CABINETS SHALL BE OF THE FOLLOWING TYPE:
 - 2 CIRCUIT - UNMETERED
- THE CONTRACTOR SHALL REMOVE EXISTING SERVICE RISERS, SERVICE POLES, CONTROL CABINETS, AND EXISTING WIRING AS REQUIRED BY PNM AND AS DIRECTED BY THE PROJECT MANAGER AND SHALL BE CONSIDERED AS INCIDENTAL TO CONSTRUCTION.
- LIGHTING STANDARDS SHALL BE LOCATED AS FOLLOWS (UNLESS SHOWN OTHERWISE IN PLANS):
 - ON SECTIONS WITH CURB, GUTTER, AND SIDEWALK, PLACE FOUNDATIONS DIRECTLY BEHIND SIDEWALK
- PNM WILL ASSIST WITH IDENTIFICATION OF EXISTING CIRCUITS. CONTRACTOR SHALL BE REQUIRED TO TIE THE NEW CIRCUITS INTO EXISTING CIRCUITS. CONTRACTOR SHALL USE APPROPRIATE CAUTION WHEN INTERCEPTING EXISTING CIRCUITS.
- LIGHTS NEAR EXISTING OVERHEAD TRANSMISSION LINES MUST MAINTAIN VERTICAL CLEARANCE AND HORIZONTAL CLEARANCE FROM THE CLOSEST PHASE CONDUCTOR. PNM WILL ASSIST IN MEASUREMENT AND DETERMINATION OF CLEARANCE.
- LIGHTING WILL BE COMPLETED WITH CONSTRUCTION PHASING. NEW LIGHTING SHALL BE OPERATIONAL PRIOR TO OPENING ROADWAY TO TRAFFIC.
- ALL CONDUIT INSTALLED IN A TRENCH SHALL BE A MINIMUM OF 30" DEEP AND FLAGGED WITH CAUTION TAPE ONE FOOT ABOVE THE CONDUIT.
- ALL WIRE ON THIS PROJECT SHALL BE ALUMINUM EXCEPT WHERE COPPER WIRING IS USED TO MAINTAIN A CONNECTION TO EXISTING CIRCUIT. INTERNAL GROUNDING SHALL BE TIED TO THE GROUND ROD USING #6 COPPER GROUND WIRE.
- CONTRACTOR SHALL COORDINATE WITH PROJECT MANAGER FOR ALUMINUM WIRING LABEL TO BE INSTALLED NEAR HAND HOLE ON ALL LIGHTING STANDARDS.
- SERVICE CONNECTION METER PEDESTAL AND SERVICE RISER SHALL BE COMBINATION TYPE. QUANTITIES DEFINED IN SIGNAL QUANTITIES. SEE SHEET 5-7.

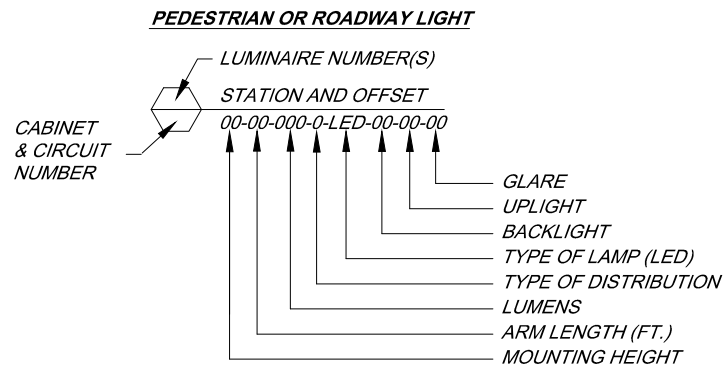
LIGHTING INCIDENTAL ITEMS

- ANCHOR BOLTS FOR FOUNDATIONS.
- GROUND RODS FOR FOUNDATIONS.
- CONCRETE FOUNDATION FOR LIGHTING CONTROL CABINETS INCLUDING EXCAVATION, BACKFILL, CONCRETE, GROUND RODS, AND ANCHOR BOLTS.
- REWIRING OF ANY EXISTING LUMINAIRES TO REMAIN OR BE RESET.
- COSTS FOR PNM TO PROVIDE POWER SERVICE.
- BREAKAWAY SYSTEMS FOR LIGHTING STANDARDS.
- FUSES AT EACH LIGHTING STANDARD.
- COSTS FOR APPLICATION FOR ELECTRICAL SERVICE.
- 2 - #10 AWG CONDUCTORS FOR LUMINAIRE FROM BASE TO LUMINAIRE.
- BARE NO. 8 AWG COPPER CONDUCTOR FOR NONMETALLIC CONDUIT INSTALLATION.

LIGHTING LEGEND

NEW	EXISTING	ITEM
----	----	CONDUIT RUN
■	□	PULL BOX
LC	LC	LIGHTING CONTROL CABINET
●	○	LIGHTING STANDARD WITH SINGLE LUMINAIRE

LIGHTING QUANTITIES			
ITEM NO	ITEM	UNIT	TOTAL
421.016	SERVICE CONNECTION (LIGHTING), CIP.	EA	
421.011	METER PEDESTAL (LIGHTING), CIP.	EA	
421.006	SERVICE RISER (LIGHTING), CIP.	EA	
421.022	LIGHTING CONTROL CABINET, TWO CIRCUIT, UNMETERED, CIP.	EA	
422.03	STREET LIGHT STANDARD, SINGLE ARM, 30', (TYPE V,DAVIT), CIP.	EA	1
423.02	LUMINAIRE FOUNDATION FOR LUMINAIRE HEIGHT OF 40' OR LESS, CIP.	EA	
424.005	ELECTRICAL CONDUIT, 2", INCL. TRENCHING, BACKFILL, & PATCHING, CIP.	LF	0
425.002	ELECTRICAL PULL BOX, (STANDARD), CIP.	EA	6
426.001	SINGLE CONDUCTOR, #2, cjp.	LF	400
426.004	SINGLE CONDUCTOR, #8, cjp.	LF	0
432.00X	LED ROADWAY LUMINAIRE	EA	



AS BUILT INFORMATION		BENCH MARKS		ENGINEER'S SEAL		SURVEY INFORMATION		FIELD NOTES		REMARKS		DESIGN	
CONTRACTOR	DATE	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK INSPECTED BY	DATE		ACCEPTANCE BY	DATE									
REVISIONS	DATE		CORRECTED BY	DATE									
MICRO-FILM INFORMATION	DATE		RECORDED BY	DATE									

NOT FOR CONSTRUCTION

DESIGNED BY: WSP DATE 2/19/2024
DRAWN BY: WSP DATE 2/19/2024
CHECKED BY: WSP DATE 2/19/2024

wsp

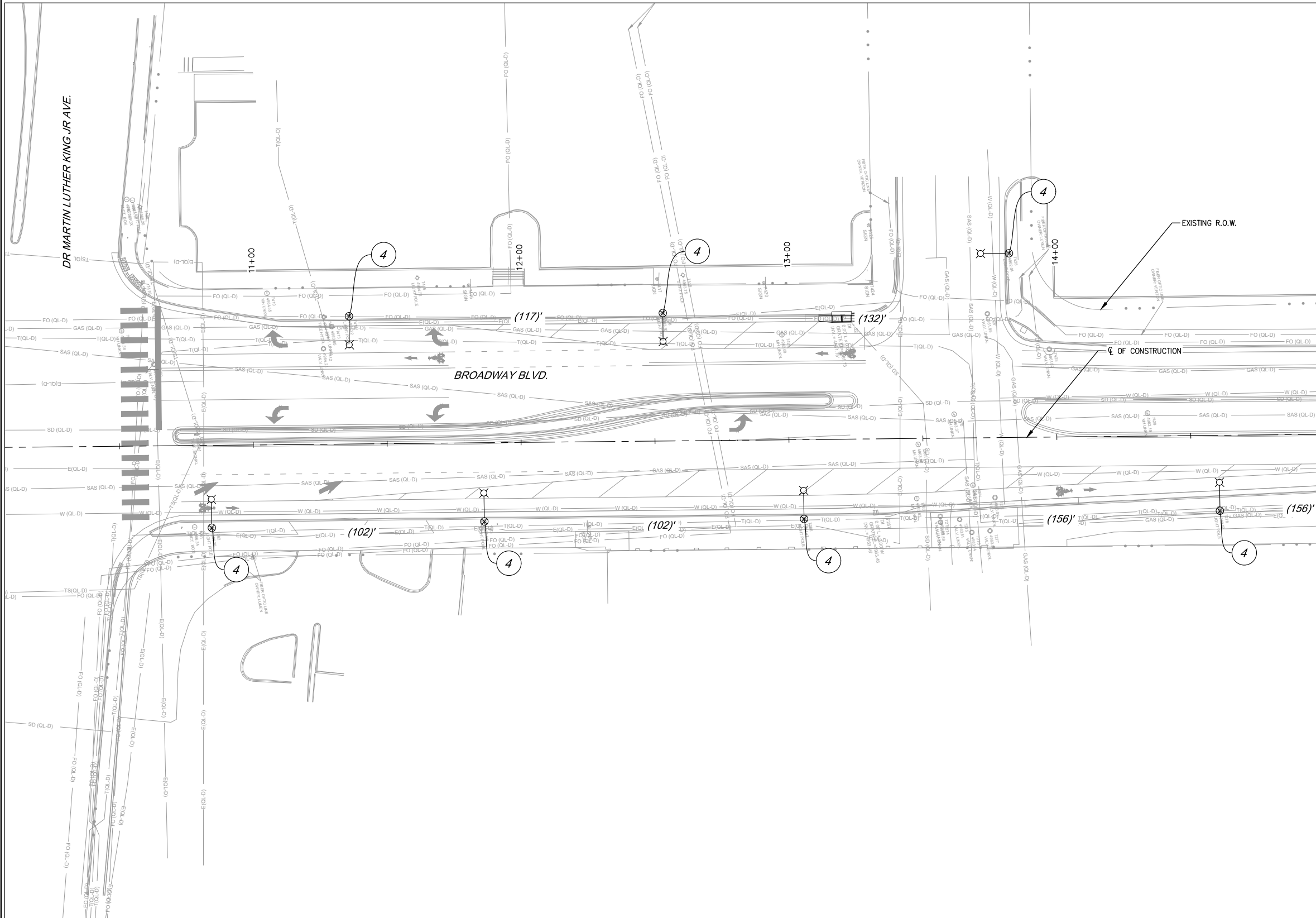
WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.888.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
LIGHTING NOTES & QUANTITIES

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

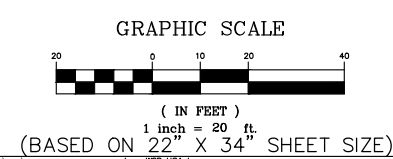
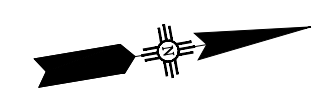
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-7
----------------------------------	--------------------------	--------------



- NOTES**
- SEE SHEET 5-7 FOR LIGHTING NOTES.
 - STATIONS AND OFFSETS REFERENCE BROADWAY ROAD ALIGNMENT.

- LIGHTING KEYED NOTES**
- INSTALL NEW 40' LIGHT STANDARD, LED LUMINAIRE, AND FOUNDATION.
 - NEW ELECTRICAL PULL BOX (STANDARD).
 - REMOVE AND RESET EXISTING TYPE V LIGHT POLE ON NEW FOUNDATION. CONNECT TO EXISTING CIRCUIT. REMOVE AND DISPOSE EXISTING FOUNDATION.
 - EXISTING LIGHT POLE TO REMAIN.
 - INSTALL 2" REC WITH 2 - #2 AWG CONDUCTORS AND 1 - #6 AWG CONDUCTOR. SPLICE CONDUCTORS AT LIGHT POLE OR AT PULL BOX AS REQUIRED.

MATCH LINE STA. 15+00.00



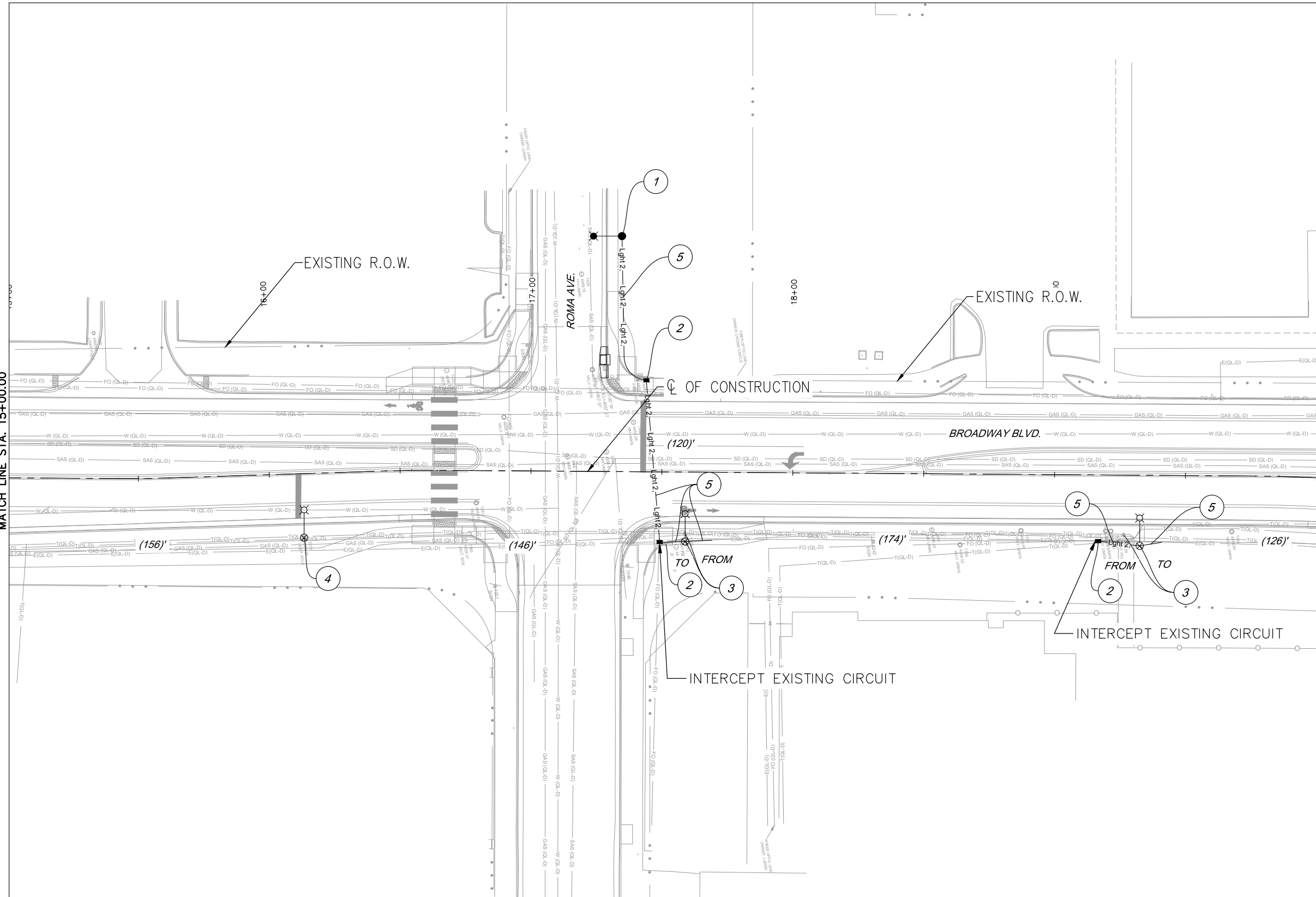
WSP USA INC.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
LIGHTING PLANS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-8	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
<p style="text-align: center; font-size: 24pt; font-weight: bold;">NOT FOR SUBMITTAL FOR CONSTRUCTION</p>		NO.	BY	DATE	CONTRACTOR	WORKED BY	DATE
		REMARKS	DESIGN	DATE	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTOR'S ACCEPTANCE BY	DATE
NO. DATE	REMARKS	DESIGN	DATE	DATE	VERIFICATION BY	DATE	DATE
DESIGNED BY: WSP	DATE	2/21/2024			DRAWINGS CORRECTED BY	DATE	DATE
DRAWN BY: WSP	DATE	2/21/2024			MICRO-FILM INFORMATION	NO.	DATE
CHECKED BY: WSP	DATE	2/21/2024					

MATCH LINE STA. 15+00.00



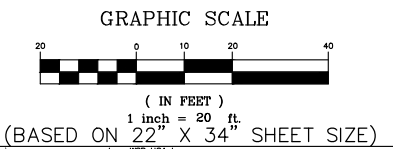
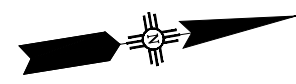
NOTES

1. SEE SHEET 5-7 FOR LIGHTING NOTES.
2. STATIONS AND OFFSETS REFERENCE BROADWAY ROAD ALIGNMENT.

LIGHTING KEYED NOTES

1. INSTALL NEW 40' LIGHT STANDARD, LED LUMINAIRE, AND FOUNDATION.
2. NEW ELECTRICAL PULL BOX (STANDARD).
3. REMOVE AND RESET EXISTING TYPE V LIGHT POLE ON NEW FOUNDATION. CONNECT TO EXISTING CIRCUIT. REMOVE AND DISPOSE EXISTING FOUNDATION.
4. EXISTING LIGHT POLE TO REMAIN.
5. INSTALL 2" REC WITH 2 - #2 AWG CONDUCTORS AND 1 - #6 AWG CONDUCTOR. SPLICE CONDUCTORS AT LIGHT POLE OR AT PULL BOX AS REQUIRED.

MATCH LINE STA. 20+00.00



WSP USA INC.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
LIGHTING PLANS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-9

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK PERFORMED BY	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE				
VERIFICATION BY	DATE						
DRAWINGS CORRECTED BY	DATE						
MICRO-FILM INFORMATION	NO.						

NOT FOR SUBMITTAL
 FOR CONSTRUCTION

TRAFFIC SIGNAL NOTES:

- ALL TRAFFIC SIGNAL EQUIPMENT SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, STANDARD DETAILS (SECTION 2500) AND THE CURRENT EDITION OF THE MUTCD (WITH REVISIONS).
- THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE FOR APPROVED PRODUCTS LISTING FOR TRAFFIC SIGNAL COMPONENTS.
- LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
- MASTARMS SHALL BE PLACED 90° TO THE CENTERLINE UNLESS OTHERWISE NOTED.
- SPLICING OF OPTICAL DETECTOR, VIDEO, AND RADAR DETECTION CABLES WILL NOT BE PERMITTED FROM THE OPTICAL DETECTOR, VIDEO CAMERA, OR RADAR DETECTORS TO THE CONTROLLER CABINET.
- ALL OPTICAL DETECTOR, VIDEO, AND RADAR CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE FIVE (5) WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING PERSONNEL MUST BE PRESENT WHEN SIGNALS ARE SHUT OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE LOCAL MAINTAINING AGENCY EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE TWO (2) WEEKS PRIOR TO TURNING ON NEW SIGNALS.
- THE CONTRACTOR SHALL NOTIFY PNM THIRTY (30) DAYS IN ADVANCE OF ANTICIPATED POWER SERVICE CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WITH PNM TO ESTABLISH ELECTRICAL SERVICE IN THE CITY OF ALBUQUERQUE'S NAME. THE CONTRACTOR SHALL PAY PNM ALL COSTS TO PROVIDE ELECTRICAL SERVICE. THIS WORK WILL BE PAID THROUGH ITEM #421.015, SERVICE CONNECTION.
- THE CONTRACTOR SHALL REMOVE ALL CONFLICTING SIGNING AND DELIVER TO THE CITY OF ALBUQUERQUE WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
- FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATION CABLES, THE REQUIREMENTS FOR SINGLE CONDUCTOR COPPER #6 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRIC CODE.
- EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
- THE CONTRACTOR SHALL ARRANGE TO HAVE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN NEW SIGNALS ARE PLACED INTO OPERATION OR WHEN EXISTING SIGNALS ARE TEMPORARILY SHUT OFF. CITY OF ALBUQUERQUE TRAFFIC WILL NOT DO THE INITIAL INSPECTION WITHOUT POLICE PRESENCE. OFF-DUTY POLICE OFFICERS FOR TRAFFIC CONTROL WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH FOUNDATION ELEVATIONS TO THE PROJECT MANAGER FOR APPROVAL BEFORE INSTALLATION. THE CONTRACTOR SHALL GRADE AROUND THE FOUNDATIONS TO PROVIDE TRAVERSABLE SLOPES AS DIRECTED BY THE PROJECT MANAGER. THE CONTRACTOR SHALL SUBMIT CROSS-SECTIONS FOR APPROVAL BASED ON ACTUAL FIELD ELEVATIONS. ALL EXCAVATION AND/OR EMBANKMENT REQUIRED WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- ALL CONDUIT SHALL BE BORED.
- ALL NEW SIGNAL CONSTRUCTION SHALL BE ADA COMPLIANT INCLUDING LOCATION OF MASTARMS, PEDESTAL POLES, AND PUSH BUTTONS.
- SIGNAL HEADS SHALL BE COVERED WHEN NECESSARY WITH AN APPROVED BLACK NON-TRANSPARENT SIGNAL COVER.
- THE CONTRACTOR IS HEREBY ADVISED THAT THE INTERSECTION SIGNALS SHALL NOT BE TURNED ON UNTIL THE SIGNAL IS COMPLETELY INSTALLED, INCLUDING FULLY ACTUATED OPERATION (PRE-EMPTION, AND ALL PUSH BUTTON WIRING SHALL BE OPERATIONAL).
- THE CONTRACTOR SHALL INSTALL ALL POLE MOUNT TRAFFIC SIGNALS AND PEDESTRIAN SIGNALS ON THE BACKSIDE OF THE POLE IN REFERENCE TO THE ROAD IN ORDER TO AVOID TRUCK TURNING TRAFFIC.
- ALL SIGNAL CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE CITY OF ALBUQUERQUE PRIOR TO LETTING.
- CAP UNUSED WIRING.
- ALL MASTARMS SHALL HAVE GALVANIZED STEEL FINISH.
- THE CONTRACTOR SHALL ENSURE THAT ALL MASTARM SIGNAL HEADS ARE LOCATED AS NEAR AS POSSIBLE TO THE CENTER OF THE LANE SERVED. ALL VERTICAL POLE MOUNTED DISPLAYS SHALL BE DIRECTED TOWARD THE LANE(S) SERVED.
- ALL STREET NAME SIGNS SHALL BE INSTALLED WITH THE TRAILING EDGE OF THE SIGN ALIGNED WITH THE FACE OF CURB, OR AS CLOSE AS POSSIBLE.
- ALL VEHICLE DISPLAYS SHALL BE LED TYPE APPROVED BY THE CITY OF ALBUQUERQUE.
- THE CONTRACTOR SHALL PROVIDE THE CITY OF ALBUQUERQUE TRAFFIC WITH GIS SHAPEFILES FOR ALL NEW TRAFFIC SIGNAL AND ITS UTILITIES.
- SERVICE RISER, METER PEDESTAL AND SERVICE CONNECTION SHALL BE COMBINATION TYPE FOR SIGNALS AND LIGHTING. ITEMS ARE IDENTIFIED AND PAID FOR IN SIGNAL QUANTITIES.
- A RADAR PRESENCE DETECTOR SHALL INCLUDE A RADAR PRESENCE DETECTOR SENSOR, SENSOR MOUNT, SENSOR CABLE, SPLICE BOX, PREASSEMBLED BACK PLATES(S), AND SECOUND/OK 4 CHANNEL DETECTOR CARD(S) FOR INTERFACE TO THE TRAFFIC SIGNAL CONTROLLER.

TRAFFIC SIGNAL EQUIPMENT REQUIREMENTS:

- THIS PROJECT IS A NEW SIGNAL SYSTEM. THEREFORE THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
 - ALL NEW TRAFFIC SIGNAL CONTROLLERS ON THIS PROJECT SHALL BE ECONOLITE COBALT, TS2/NTCIP ACTUATED CONTROLLER AS DIRECTED BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DEPARTMENT.
 - ALL EIGHT PHASE DUAL RING CONTROLLER CABINETS SUPPLIED FOR THIS PROJECT SHALL BE TS2, "P" SIZE CABINETS WIRED FOR FULL EIGHT PHASE SYSTEM OPERATION, TELEMETRY BOARDS, "1T" TRANSIENT VOLTAGE SURGE SUPPRESSER AND ALL CONNECTING HARNESSSES. THESE CABINETS SHALL BE CAPABLE OF LOOP DETECTION.
- EMERGENCY VEHICLE PRE-EMPT EQUIPMENT SHALL BE 3M "OPTICOM" MODEL 762 (OR MOST CURRENT ACCEPTABLE MODEL). PHASE SELECTORS MOUNTED ON 3M OPTICOM MODEL 760 RACKS, OR APPROVED EQUAL. ALL RACKS SHALL BE CAPABLE OF PROVIDING FOUR CHANNELS OF DETECTION. PHASE SELECTOR MODULES SHALL BE CAPABLE OF TWO CHANNELS OF DETECTION EACH. A MANUFACTURERS REPRESENTATIVE SHALL ASSIST THE CONTRACTOR IN THE FIELD AS WORK PROGRESSES TO COMPLETE THE INSTALLATION OF ALL PRE-EMPTION EQUIPMENT AND TO ASSIST IN SETTING UP, TURNING ON, PROGRAMMING AND FIELD TESTING PREEMPTION EQUIPMENT INCLUDING EMITTERS TO INSURE THAT THE EQUIPMENT IS OPERATIONAL.
- THE VEHICLE DETECTION SYSTEM SHALL BE AN ECONOLITE EVO RADAR SIGNAL DETECTOR SYSTEM. EXISTING LOOP DETECTION TO REMAIN AS INDICATED IN PLANS.

TRAFFIC SIGNAL INTERCONNECT REQUIREMENTS:

- THE CONTRACTOR SHALL PROVIDE SPLICE VAULT AND INTERCONNECT CONDUIT WITH #6 AWG TRACER WIRE AND PULL STRING. INTERCONNECT CONDUIT SHALL BE STUBBED AND CAPPED AT THE PROJECT LIMITS.
- SIGNAL CONDUCTORS SHALL NOTE SPARE CONDUIT OR PULL BOXES WITH INTERCONNECT COMMUNICATION CABLE, INTERCONNECT COMMUNICATION CABLE SHALL BE INSTALLED IN SEPARATE CONDUIT AND PULL BOXES.
- SPLICING OF COMMUNICATION CABLE WILL NOT BE PERMITTED IN PULL BOXES OR SPLICE VAULTS. SPLICING OF COMMUNICATION (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINETS. SPLICE VAULTS WITH SPLICE CLOSURES, OR CONTROLLER CABINETS WITH SPLICE BLOCKS.
- FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATION CABLES OR FIBER OPTIC COMMUNICATION CABLE, AN INSULATED SINGLE CONDUCTOR COPPER #6 AWG WILL BE USED AS A TRACER WIRE.
- COIL 25 FEET OF SLACK FIBER OPTIC CABLE IN EACH PULL BOX.

TRAFFIC SIGNAL INCIDENTAL ITEMS:

- CABLE TESTING AND DIAGRAMS.
- BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVEPADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, AND CURB AND GUTTER FOR INSTALLATION OF PULL BOXES, CONDUITS, AND SIGNAL FOUNDATIONS, EXCEPT AS NOTED ON THE PLANS.
- LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING OF GAS LINES WHEN BORING.
- DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL.
- APPRISSING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
- LEAN FILL FOR CONDUIT TRENCHES.
- REMOVAL AND REPLACEMENT IN KIND OR BETTER OF LANDSCAPING INCLUDING SPRINKLERS, FOR INSTALLATION OF PULL BOXES, CONDUITS AND SIGNAL FOUNDATIONS.
- 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.
- LOCATOR WIRES INSTALLED WITH FIBER OPTIC CABLE. THESE LOCATOR WIRES SHALL BE #16 AWG.
- FAN-OUT KITS, PATCH CORDS, TEST CONNECTOR TERMINALS, AND ALL MISCELLANEOUS FIBER OPTIC CABLE HARDWARE CONNECTIONS AND HARDWARE NOT SPECIFIED ARE INCIDENTAL TO CONSTRUCTION. THESE ITEMS ARE SUBJECT TO APPROVAL BY THE CITY OF ALBUQUERQUE.
- FIELD SPLICES.
- CRIMP CLAMPS (CLOSED END CONNECTORS) ON ALL UNUSED CONDUCTORS.
- GEL FILLED WIRE NUTS FOR ALL FIELD SPLICES.
- OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL, TRAFFIC SIGNAL NOTE 13.
- EXCAVATION AND/OR EMBANKMENT AROUND FOUNDATIONS, TRAFFIC SIGNAL NOTE 14.
- REQUIRED EQUIPMENT FOR ADA COMPLIANCE, TRAFFIC SIGNAL PLAN NOTE 16.

NOT FOR SUBMITTAL
FOR CONSTRUCTION

WSP USA Inc. 2440 LOUISIANA BLVD. NE SUITE 400 ALBUQUERQUE, NM 87110 TEL: +1 505.868.5357 WWW.WSP.COM			
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION BROADWAY BLVD. RECONSTRUCTION COAL AVE. TO LOMAS BLVD. TRAFFIC SIGNAL NOTES			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-11	

TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	ITEM
		PULL BOX
		SERVICE POLE
		METER PEDESTAL
		CONTROLLER CABINET
		SPLICE CABINET
		CONDUIT RUN
		2" CONDUIT RUN - SIGNAL
		3" CONDUIT RUN - SIGNAL
		4" CONDUIT RUN - SIGNAL
		2" CONDUIT RUN - LIGHTING
		TRAFFIC SIGNAL PEDESTAL POLE
		CONDUIT RUN NUMBER (SIGNAL)
		TYPE III STANDARD W/MASTARM SIGNAL, BACKPLATE, LUMINAIRE & OPTICAL DETECTOR
		PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		TRAFFIC MANHOLE
		CONDUIT RUN ID (POWER SERVICE)
		CONDUIT RUN ID (LIGHTING SERVICE)
		CCTV CAMERA
		TYPE II STANDARD W/MASTARM SIGNAL, BACKPLATE, & OPTICAL DETECTOR
		RADAR PRESENCE DETECTOR (RPD)

TRAFFIC SIGNAL & ITS QUANTITIES

TRAFFIC SIGNAL QUANTITIES				
NUMBER	ITEM	UNIT	TOTAL	USE / PROJECT TOTAL
502036	DRILLED SHAFT FOUNDATION 36" DIAMETER	L.F.	0	0
502042	DRILLED SHAFT FOUNDATION 42" DIAMETER	L.F.	0	0
511000	STRUCTURAL CONCRETE, CLASS A	C.Y.	0.00	0
540060	REINFORCING BARS GRADE 60	LB	0	0
690050	"NO RIGHT TURN" RR SIGN (BLANKOUT TYPE)	EACH	0	0
706200	METER PEDESTAL (SIGNAL)	EACH	2	2
706230	METER PEDESTAL (COMBINATION)	EACH	0	0
706240	UNINTERRUPTED POWER SUPPLY (UPS)	EACH	0	0
706350	POWER SERVICE INSTALLATION	LS	0	0
707010	TYPE I STANDARD, 10'	EACH	0	0
707012	TYPE I STANDARD, 12'	EACH	2	2
707013	TYPE I STANDARD, 13'	EACH	6	6
707015	TYPE I STANDARD, 15'	EACH	0	0
707225	TYPE II STANDARD, 25' ARM	EACH	2	2
707230	TYPE II STANDARD, 30' ARM	EACH	1	1
707235	TYPE II STANDARD, 35' ARM	EACH	2	2
707240	TYPE II STANDARD, 40' ARM	EACH	3	3
707245	TYPE II STANDARD, 45' ARM	EACH	3	3
707250	TYPE II STANDARD, 50' ARM	EACH	2	2
707255	TYPE II STANDARD, 55' ARM	EACH	1	1
707260	TYPE II STANDARD, 60' ARM	EACH	1	1
707325	TYPE III STANDARD, 25' ARM	EACH	0	0
707330	TYPE III STANDARD, 30' ARM	EACH	0	0
707335	TYPE III STANDARD, 35' ARM	EACH	0	0
707345	TYPE III STANDARD, 45' ARM	EACH	0	0
707350	TYPE III STANDARD, 50' ARM	EACH	0	0
709020	RIGID ELECTRICAL CONDUIT 2" (DIA.)	L.F.	6,063	6,100
709030	RIGID ELECTRICAL CONDUIT 3" (DIA.)	L.F.	5,394	5,400
710000	ELECTRICAL PULL BOX (STANDARD)	EACH	58	58
710010	ELECTRICAL PULL BOX (LARGE)	EACH	0	0
710400	TRAFFIC SIGNAL MANHOLE	EACH	0	0
711005	MULTI CONDUCTOR CABLE 5	L.F.	0	0
711007	MULTI CONDUCTOR CABLE 7	L.F.	0	0
711020	MULTI CONDUCTOR CABLE 20	L.F.	0	0
711102	SINGLE CONDUCTOR 2	L.F.	0	0
711106	SINGLE CONDUCTOR 6	L.F.	0	0
711108	SINGLE CONDUCTOR 8	L.F.	0	0
711110	SINGLE CONDUCTOR 10	L.F.	0	0
712021	2 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	0	0
712031	3 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	48	48
712041	4 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	0	0
712051	5 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	12	12
712202	PEDESTRIAN COUNTDOWN SIGNAL (LED)	EACH	34	34
712320	2 SECTION BACKPLATE	EACH	0	0
712330	3 SECTION BACKPLATE	EACH	34	34
712340	4 SECTION BACKPLATE	EACH	0	0
712350	5 SECTION BACKPLATE	EACH	6	11
713025	ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON STATION	EACH	19	19
713030	LOOP DETECTOR WIRE	L.F.	0	0
713250	LOOP LEAD-IN CABLE	L.F.	0	0
713300	DETECTOR SAW CUT	L.F.	0	0
713420	PHASE SELECTOR RACK, 2 CHANNEL	EACH	0	0
713430	PHASE SELECTOR MODULE	EACH	0	0
713511	OPTICAL DETECTOR, 1 DIRECTION, 1 CHANNEL	EACH	0	0
713600	OPTICAL DETECTOR CABLE	L.F.	0	0
714000	TRAFFIC ACTUATED CONTROLLER	EACH	0	0
714280	8 PHASE DOUBLE RING CONTROLLER CABINET	EACH	6	6
716301	INTERNALLY ILLUMINATED SIGN	EACH	0	0
716701	LED ROADWAY LUMINAIRE	EACH	0	0

PLACEHOLDER ESTIMATES FOR 60% SUBMITTAL - NOT QUANTIFIED AS PART OF 60%

60% SUBMITTAL
 NOT FOR CONSTRUCTION

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK ORDER NO.	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
REVISIONS BY	DATE
REVISIONS BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	DATE

BENCH MARKS	
A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE
NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	BY
NO.	DATE

ENGINEER'S SEAL

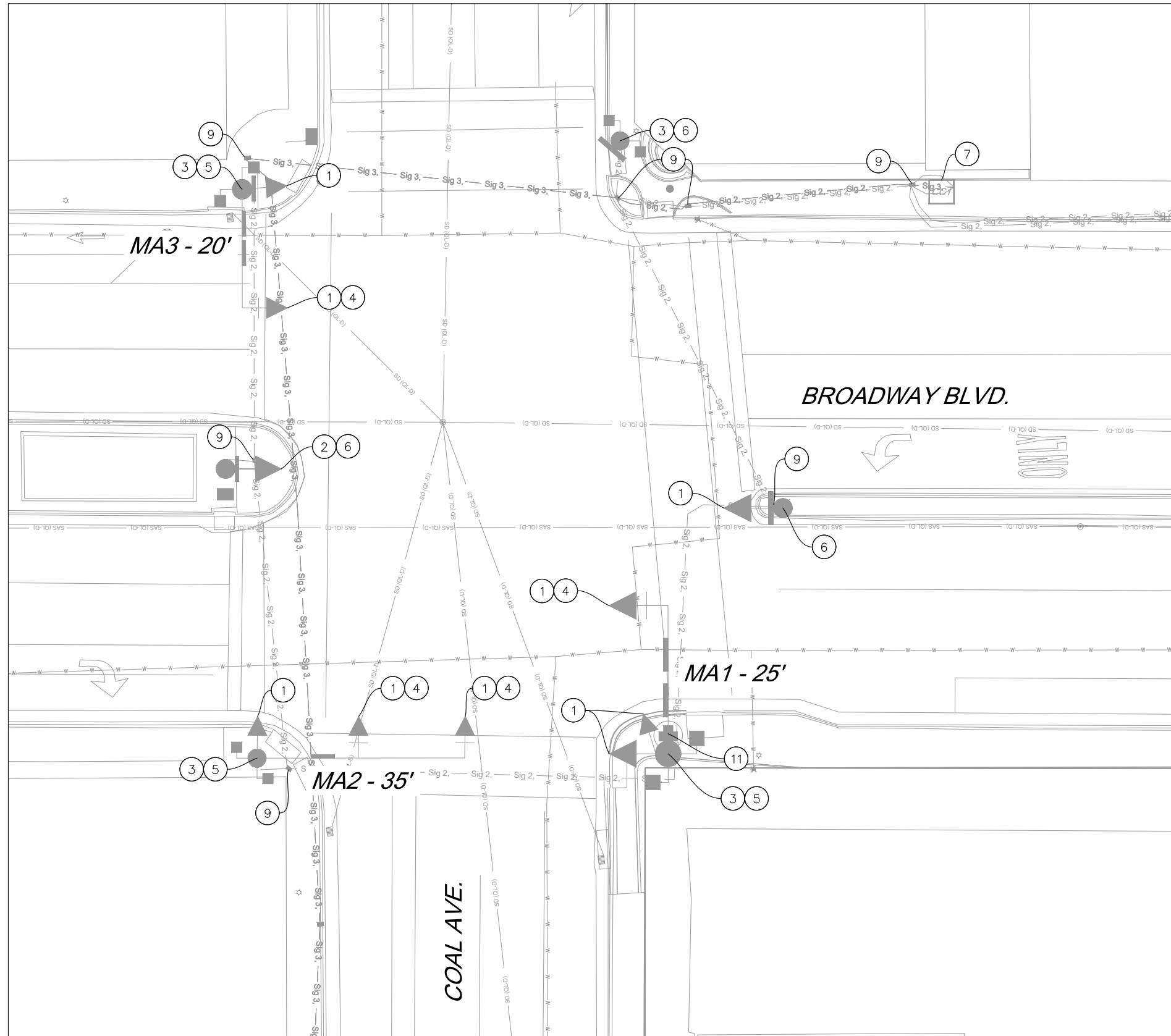
REMARKS	DATE
DESIGN	2/21/2024
DRAWN BY: WSP	DATE 2/21/2024
CHECKED BY: WSP	DATE 2/21/2024

WSP USA Inc.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.5357
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 TRAFFIC SIGNAL LEGEND AND QUANTITIES

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-12



BROADWAY BLVD. AND COAL AVE. INTERSECTION



KEYED NOTES

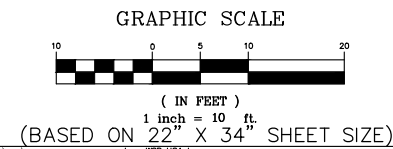
1. REMOVE AND SALVAGE EXISTING 3-SECTION TRAFFIC SIGNAL ASSEMBLY.
2. REMOVE AND SALVAGE EXISTING 5-SECTION TRAFFIC SIGNAL ASSEMBLY.
3. REMOVE AND SALVAGE EXISTING PEDESTRIAN SIGNAL ASSEMBLIES.
4. REMOVE AND SALVAGE EXISTING BACKPLATE.
5. REMOVE AND SALVAGE EXISTING TYPE II MASTARM POLE. REMOVE AND DISPOSE FOUNDATION.
6. REMOVE AND SALVAGE EXISTING TYPE I PEDESTAL POLE. REMOVE AND DISPOSE FOUNDATION.
7. REMOVE AND SALVAGE EXISTING CONTROLLER CABINET. REMOVE AND DISPOSE FOUNDATION.
8. REMOVE AND SALVAGE EXISTING METER. REMOVE AND DISPOSE FOUNDATION.
9. REMOVE AND DISPOSE EXISTING PULL BOX.
10. REMOVE AND SALVAGE EXISTING OPTICAL DETECTOR.
11. REMOVE AND SALVAGE EXISTING CCTV.
12. EXISTING SPLICE CABINET TO REMAIN.
13. REMOVE AND DISPOSE EXISTING MANHOLE, SALVAGE COVER.
14. REMOVE AND SALVAGE EXISTING 4-SECTION TRAFFIC SIGNAL ASSEMBLY.

EQUIPMENT SALVAGE LIST

- 9 EA 3-SECTION TRAFFIC SIGNAL ASSEMBLY
- 1 EA 5-SECTION TRAFFIC SIGNAL ASSEMBLY
- 8 EA PEDESTRIAN SIGNAL ASSEMBLY
- 4 EA BACKPLATE
- 3 EA TYPE II MASTARM
- 3 EA TYPE I PEDESTAL POLE
- 1 EA CONTROLLER CABINET
- 1 EA CCTV

SALVAGE NOTES

1. THE SALVAGE PLAN IS SCHEMATIC IN NATURE AND FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE TRAFFIC OPERATIONS SECTION FOR EQUIPMENT TO BE SALVAGED FROM THE TRAFFIC SIGNAL.
2. ALL EQUIPMENT, EXCEPT FOUNDATIONS WHICH SHALL BE DISPOSED OF, SHALL BE SALVAGED TO THE TRAFFIC SIGNAL SHOP AT 7701 PINO AVE NE.



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

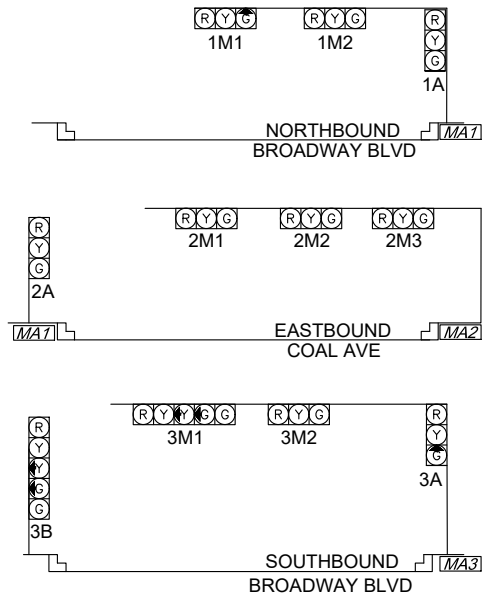
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & COAL AVE SALVAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-13	

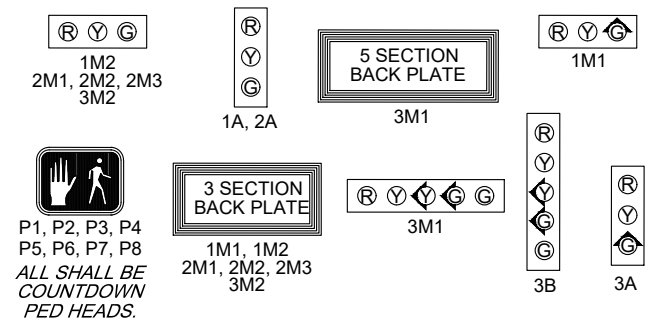
ENGINEER'S SEAL
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

SURVEY INFORMATION		AS BUILT INFORMATION	
NO.	FIELD NOTES BY	CONTRACTOR	DATE
		WORK PERFORMED BY	DATE
		INSPECTOR'S ACCEPTANCE BY	DATE
		DATE OF VERIFICATION BY	DATE
		DRAWINGS CORRECTED BY	DATE
		MICRO-FILM INFORMATION	DATE
		RECORDED BY	NO.

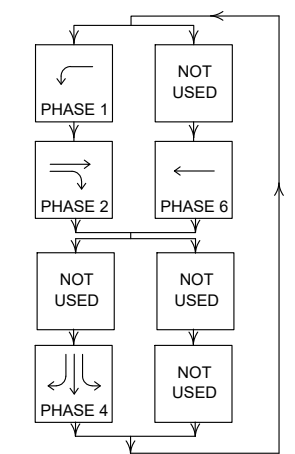
TRAFFIC SIGNAL CONFIGURATION BY APPROACH



TYPICAL SIGNAL FACE LENS ARRANGEMENTS



SIGNAL PHASING



ABBREVIATIONS

- MA1 MASTARM #
- CC CONTROLLER CABINET #
- PB1 PULL BOX # (SIGNALS)
- EPB1 EXISTING PULL BOX # (SIGNALS)
- 3A SIGNAL HEAD #
- CAM VIDEO CAMERA
- LUM LUMINAIRE
- P1 PEDESTRIAN SIGNAL #
- RPD RADAR PRESENCE DETECTOR #

SYMBOL KEY

- MAX SIGNAL ID
- PP1 PEDESTAL POLE NO.
- CONDUIT RUN ID
- CONDUIT RUN ID (POWER SERVICE)
- M METER

FLASH CONDITION

- RED BALL 1M1, 1M2, 1A, 3M1, 3M2, 3M3
- YELLOW BALL 2M1, 2M2, 2M3, 2M4, 2A

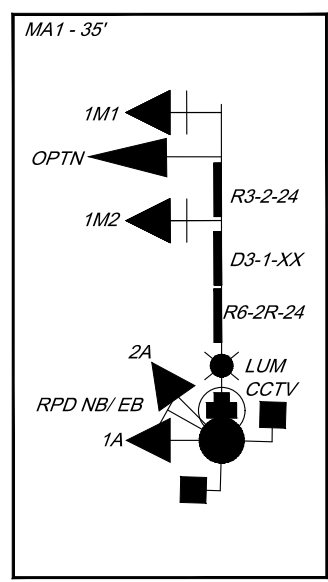
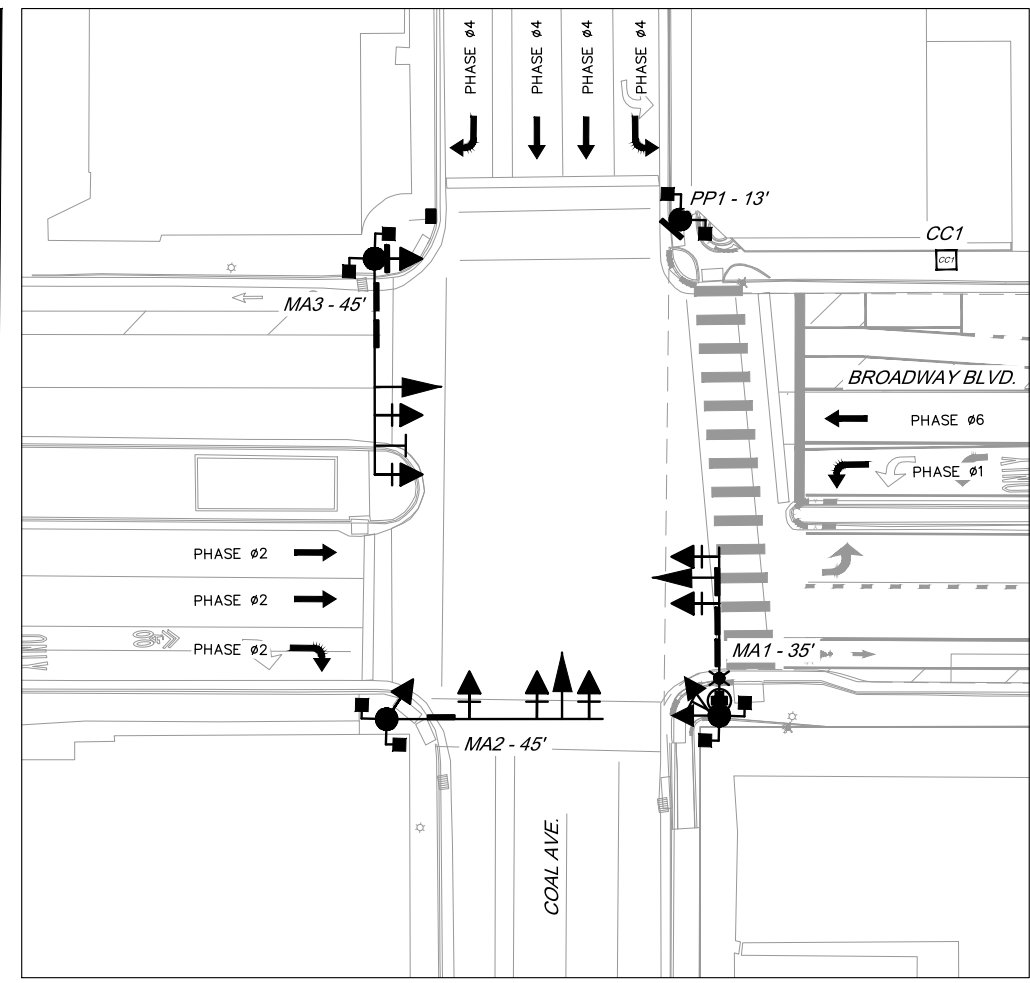
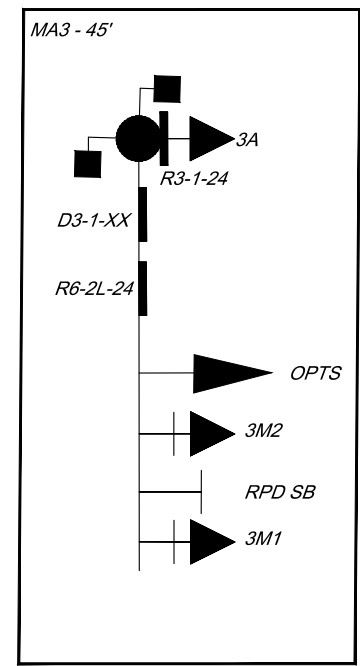
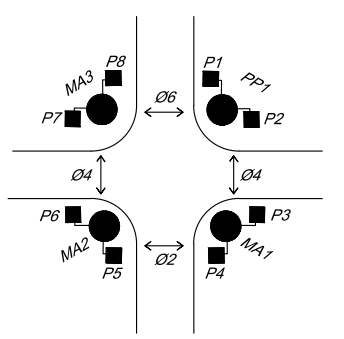
INITIALIZATION

ALL RED, THEN PHASES 2 AND 6 GREEN

NOTES:

1. ALL EQUIPMENT SHALL BE CONSTRUCTED WITHIN THE COA RIGHT-OF-WAY.
2. ALL SIGNAL POLE AND MASTARM LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY PROJECT MANAGER.
3. ADJUST SIGN PLACEMENT ON MASTARM PER COA TRAFFIC ENGINEER.

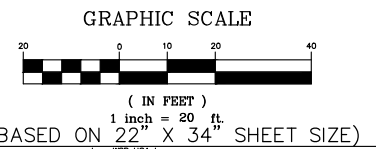
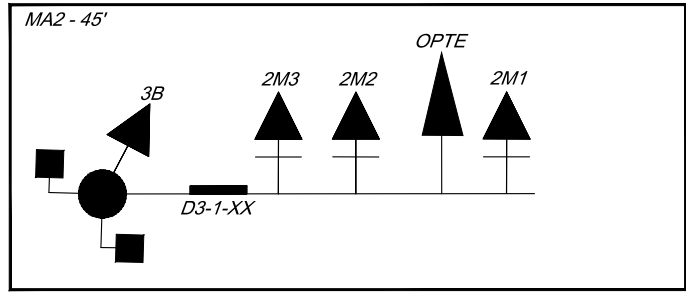
PEDESTRIAN SIGNAL IDENTIFICATION



BROADWAY BLVD. AND COAL AVE. INTERSECTION

ID #	TYPE	STATION	OFFSET	LUMINAIRE ARM	MOUNTING HEIGHT
MA1	TYPE III STANDARD - 35'			10'	35'
MA2	TYPE II STANDARD - 45'				
MA3	TYPE II STANDARD - 45'				
PP1	TYPE I STANDARD - 13'				

STATION AND OFFSETS REFERENCE BROADWAY



wsp WSP USA INC. 2440 LOUISIANA BLVD. NE SUITE 400 ALBUQUERQUE, NM 87110 TEL: +1 505.881.5357 WWW.WSP.COM

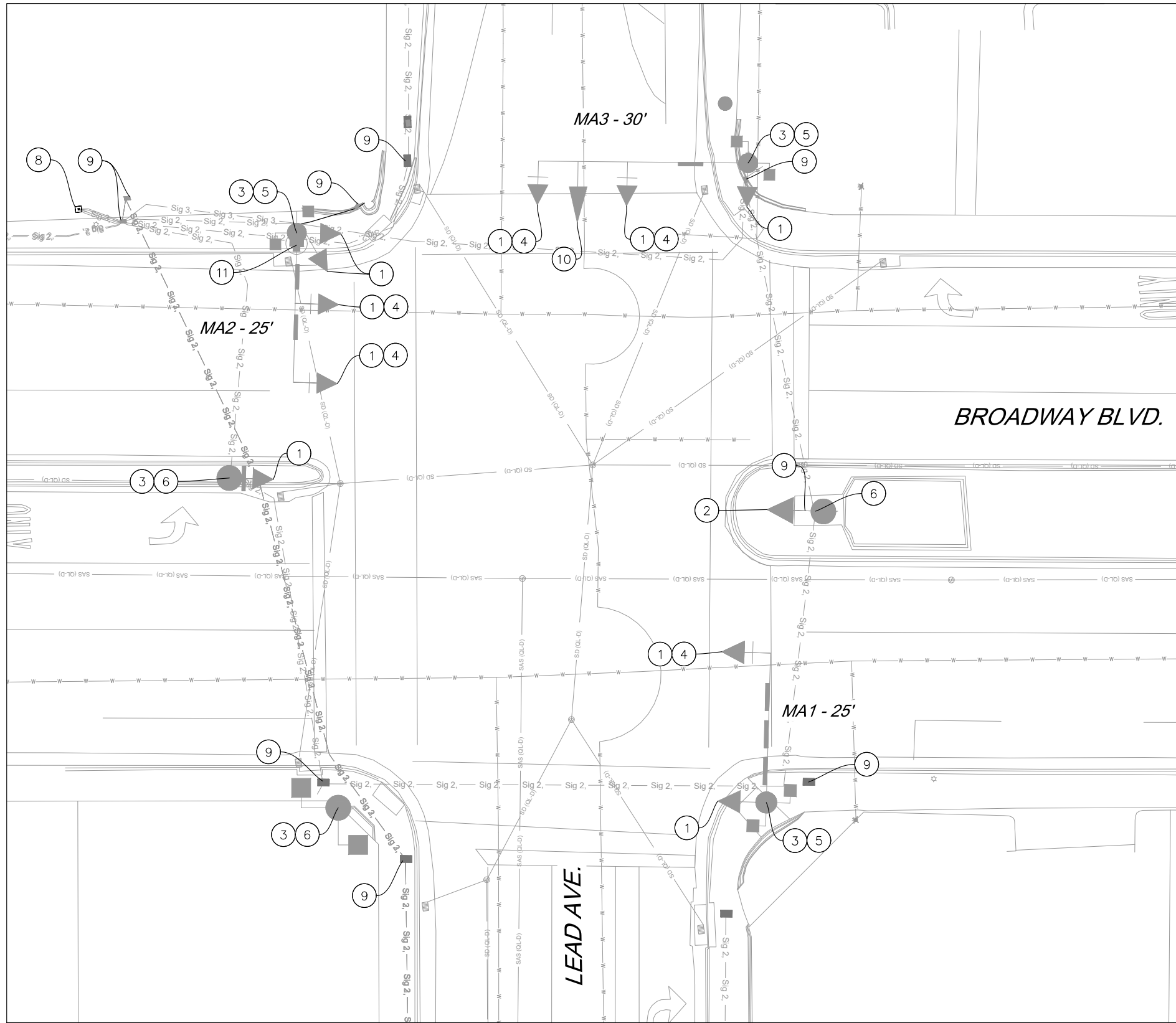
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & COAL AVE SIGNAL PLAN

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

DESIGNED BY: WSP DATE: 2/21/2024
DRAWN BY: WSP DATE: 2/21/2024
CHECKED BY: WSP DATE: 2/21/2024

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-14

60% SUBMITTAL NOT FOR CONSTRUCTION



BROADWAY BLVD. AND LEAD AVE. INTERSECTION

KEYED NOTES

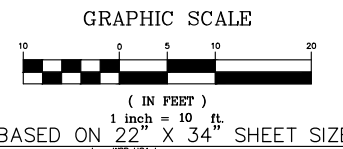
1. REMOVE AND SALVAGE EXISTING 3-SECTION TRAFFIC SIGNAL ASSEMBLY.
2. REMOVE AND SALVAGE EXISTING 5-SECTION TRAFFIC SIGNAL ASSEMBLY.
3. REMOVE AND SALVAGE EXISTING PEDESTRIAN SIGNAL ASSEMBLIES.
4. REMOVE AND SALVAGE EXISTING BACKPLATE.
5. REMOVE AND SALVAGE EXISTING TYPE II MASTARM POLE. REMOVE AND DISPOSE FOUNDATION.
6. REMOVE AND SALVAGE EXISTING TYPE I PEDESTAL POLE. REMOVE AND DISPOSE FOUNDATION.
7. REMOVE AND SALVAGE EXISTING CONTROLLER CABINET. REMOVE AND DISPOSE FOUNDATION.
8. REMOVE AND SALVAGE EXISTING METER. REMOVE AND DISPOSE FOUNDATION.
9. REMOVE AND DISPOSE EXISTING PULL BOX.
10. REMOVE AND SALVAGE EXISTING OPTICAL DETECTOR.
11. REMOVE AND SALVAGE EXISTING CCTV.
12. EXISTING SPLICE CABINET TO REMAIN.
13. REMOVE AND DISPOSE EXISTING MANHOLE, SALVAGE COVER.
14. REMOVE AND SALVAGE EXISTING 4-SECTION TRAFFIC SIGNAL ASSEMBLY.

EQUIPMENT SALVAGE LIST

- 10 EA 3-SECTION TRAFFIC SIGNAL ASSEMBLY
- 1 EA 5-SECTION TRAFFIC SIGNAL ASSEMBLY
- 8 EA PEDESTRIAN SIGNAL ASSEMBLY
- 5 EA BACKPLATE
- 3 EA TYPE II MASTARM
- 3 EA TYPE I PEDESTAL POLE
- 1 EA METER
- 1 EA OPTICAL DETECTOR
- 1 EA CCTV

SALVAGE NOTES

1. THE SALVAGE PLAN IS SCHEMATIC IN NATURE AND FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE TRAFFIC OPERATIONS SECTION FOR EQUIPMENT TO BE SALVAGED FROM THE TRAFFIC SIGNAL.
2. ALL EQUIPMENT, EXCEPT FOUNDATIONS WHICH SHALL BE DISPOSED OF, SHALL BE SALVAGED TO THE TRAFFIC SIGNAL SHOP AT 7701 PINO AVE NE.



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & LEAD AVE SALVAGE PLAN

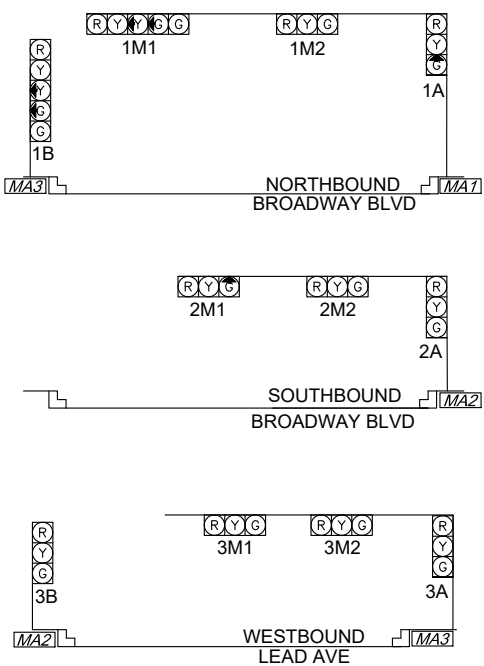
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-18

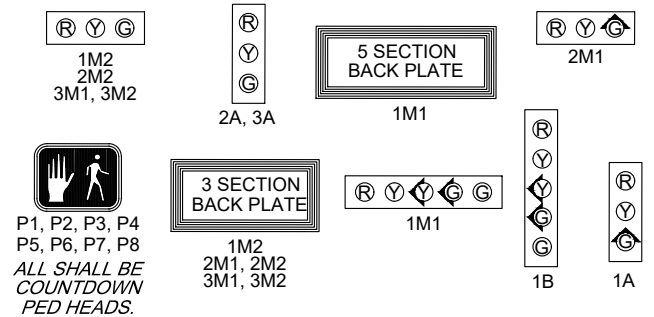
**60% SUBMITTAL
NOT FOR CONSTRUCTION**

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK PERFORMED BY	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE	NO.	BY	DATE	REMARKS
INSPECTOR'S ACCEPTANCE BY	DATE						
VERIFICATION BY	DATE						
DRAWINGS CORRECTED BY	DATE						
MICRO-FILM INFORMATION	RECORDED BY						
	NO.						

TRAFFIC SIGNAL CONFIGURATION BY APPROACH

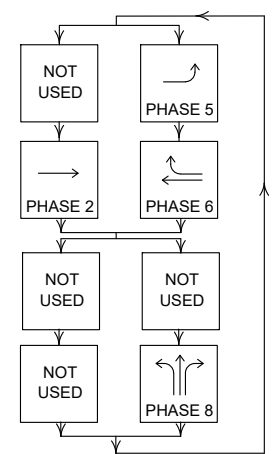


TYPICAL SIGNAL FACE LENS ARRANGEMENTS



P1, P2, P3, P4
P5, P6, P7, P8
ALL SHALL BE
COUNTDOWN
PED HEADS.

SIGNAL PHASING



ABBREVIATIONS

- MA1 MASTARM #
- CC CONTROLLER CABINET #
- PB1 PULL BOX # (SIGNALS)
- EPB1 EXISTING PULL BOX # (SIGNALS)
- 3A SIGNAL HEAD #
- CAM VIDEO CAMERA
- LUM LUMINAIRE
- P1 PEDESTRIAN SIGNAL #
- RPD RADAR PRESENCE DETECTOR #

SYMBOL KEY

- MAX SIGNAL ID
- PP1 PEDESTAL POLE NO.
- CONDUIT RUN ID
- CONDUIT RUN ID (POWER SERVICE)

FLASH CONDITION

- RED BALL 1M1, 1A, 2M1
- YELLOW BALL 3M1, 3M2

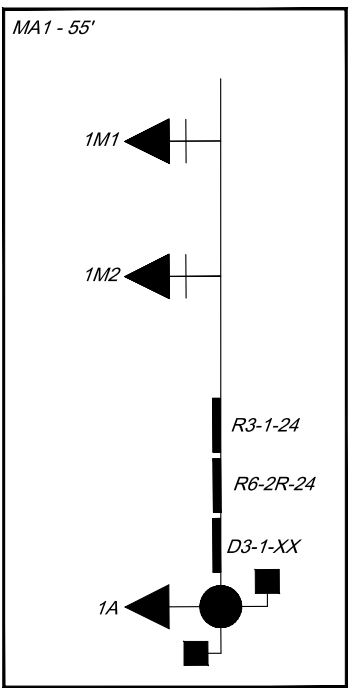
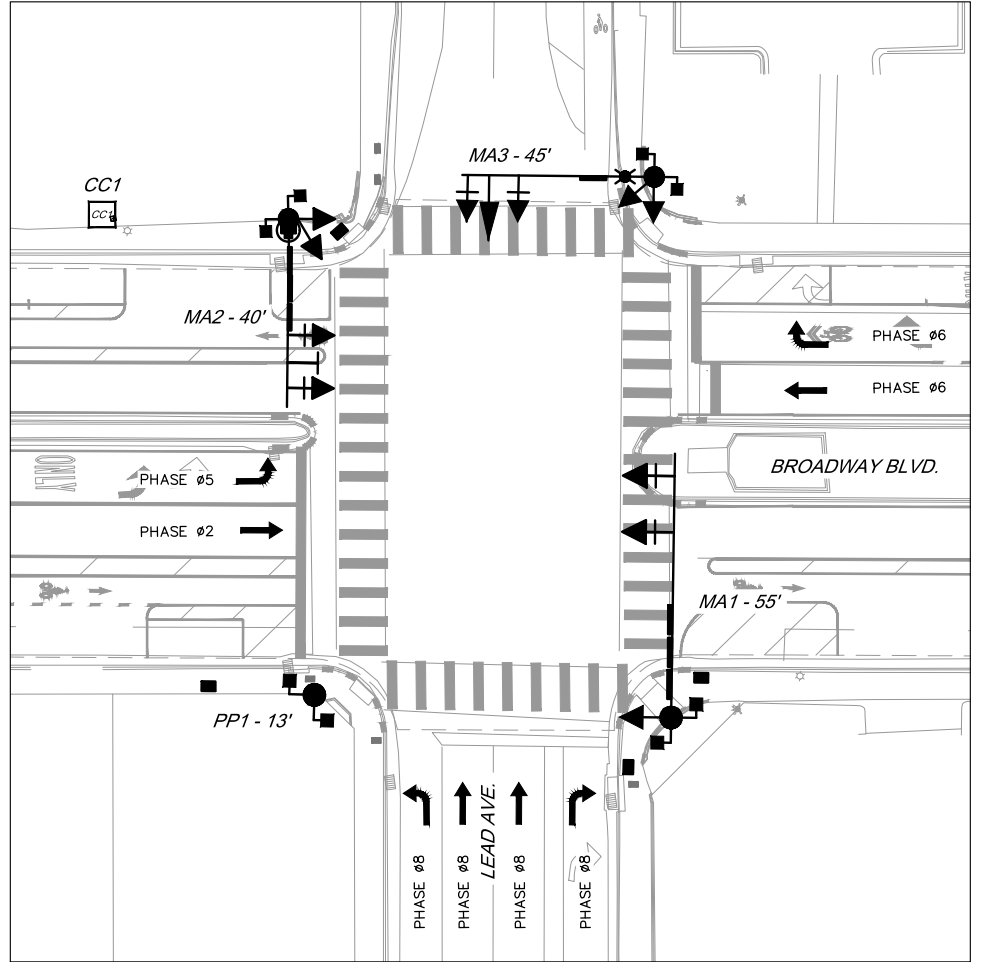
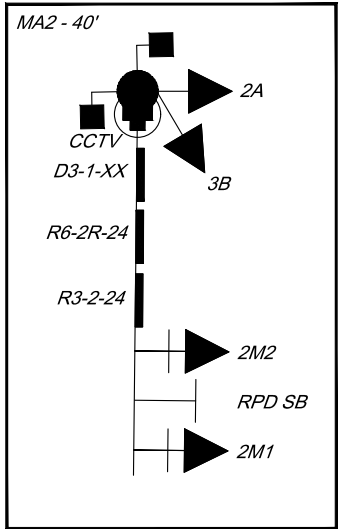
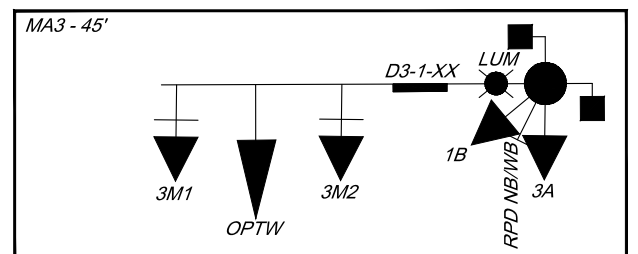
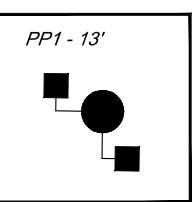
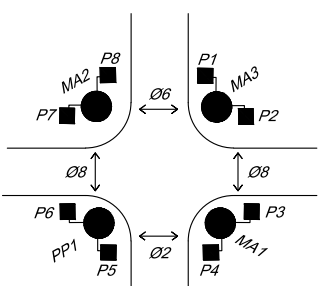
INITIALIZATION

ALL RED, THEN PHASES 2 AND 6 GREEN

NOTES:

1. ALL EQUIPMENT SHALL BE CONSTRUCTED WITHIN THE COA RIGHT-OF-WAY.
2. ALL SIGNAL POLE AND MASTARM LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY PROJECT MANAGER.
3. ADJUST SIGN PLACEMENT ON MASTARM PER COA TRAFFIC ENGINEER.

PEDESTRIAN SIGNAL IDENTIFICATION

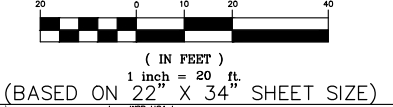


BROADWAY BLVD. AND LEAD AVE. INTERSECTION

ID #	TYPE	STATION	OFFSET	LUMINAIRE ARM	MOUNTING HEIGHT
MA1	TYPE II STANDARD - 55'				
MA2	TYPE II STANDARD - 40'				
MA3	TYPE III STANDARD - 45'			10'	35'
PP1	TYPE I STANDARD - 13'				

*STATION AND OFFSETS REFERENCE BROADWAY

GRAPHIC SCALE



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.861.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & LEAD AVE SIGNAL PLAN

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

City Project No. COA: 6319.96
Zone Map No. K14, J14
Sheet 5-19

60% SUBMITTAL
NOT FOR CONSTRUCTION

AS-BUILT INFORMATION	
CONTRACTOR	NO.
WORK PERFORMED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
DATE OF VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	NO.

SURVEY INFORMATION	
FIELD NOTES	BY
NO.	

ENGINEER'S SEAL	
REMARKS	DATE
DESIGN	2/21/2024
DRAWN BY: WSP	DATE 2/21/2024
CHECKED BY: WSP	DATE 2/21/2024

NOT INCLUDED IN 60%



WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

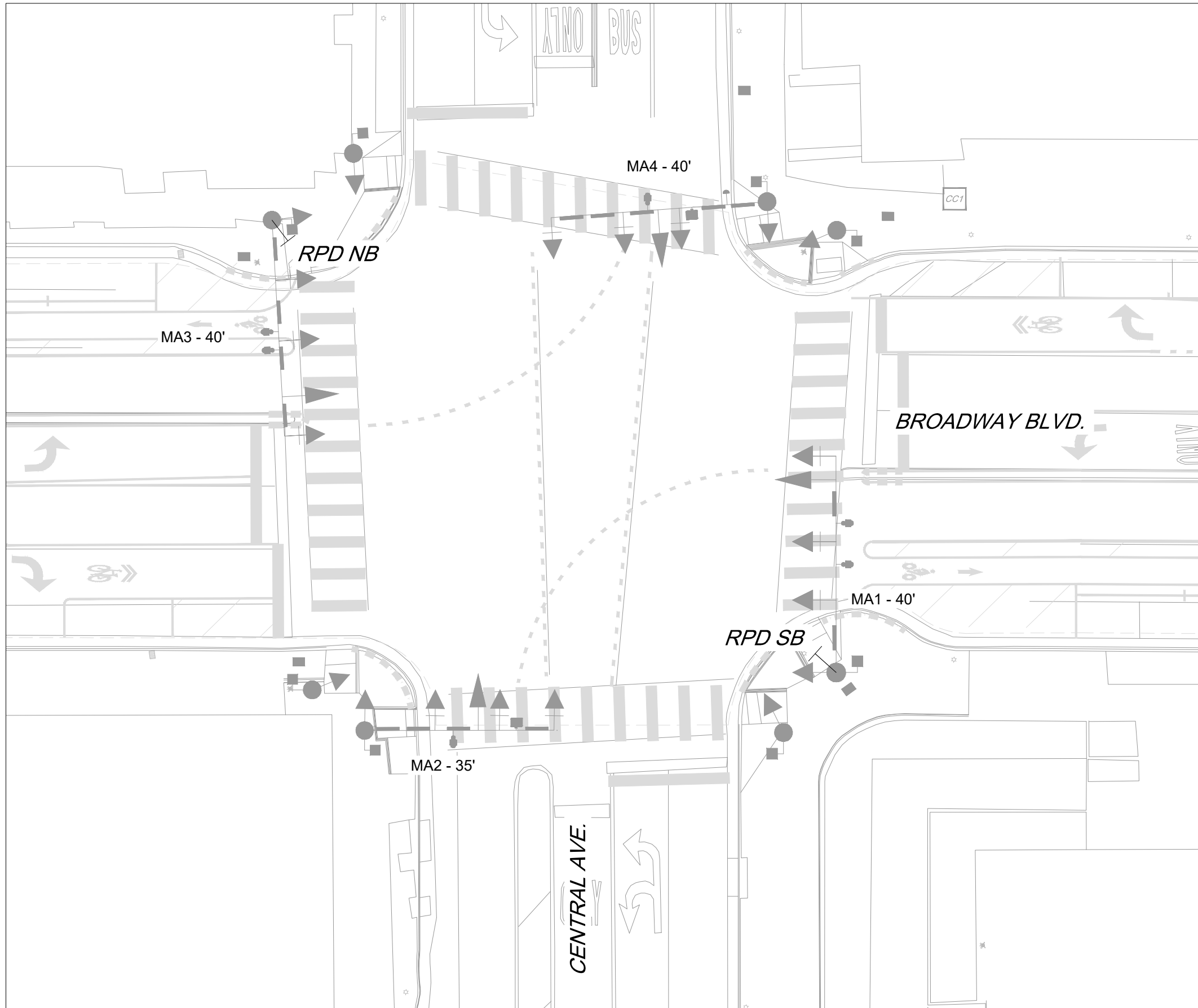
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & LEAD AVE FUNCTIONS AND DETECTORS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-21

60% SUBMITTAL
NOT FOR CONSTRUCTION

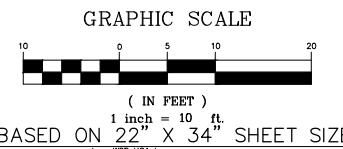
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	BY	DESCRIPTION	CONTRACTOR	WORK PERFORMED BY	DATE
					A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK.	CONTRACTOR	DATE
					STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF	INSPECTOR'S ACCEPTANCE BY	DATE
					THE CONCRETE CURB RETURN, NNE QUADRANT OF	VERIFICATION BY	DATE
					BROADWAY BLVD. & GRAND AVE. NE.	DRAWINGS CORRECTED BY	DATE
						RECORDED BY	DATE
						NO.	DATE



BROADWAY BLVD. AND CENTRAL AVE. RADAR PRESENCE DETECTION ADDITION FOR BROADWAY BOULEVARD

NOTES:

1. INSTALL EVO RADAR SIGNAL DETECTION ON THE EXTENSIONS OF MASTARM 1 AND MASTARM 3 FOR BROADWAY RADAR DETECTION.
2. INSTALL RADAR AT 30-FOOT MAXIMUM HEIGHT.
3. EXISTING DETECTION FOR CENTRAL AVENUE TO REMAIN.
4. ALL OTHER EXISTING TRAFFIC SIGNAL INFRASTRUCTURE TO REMAIN.



WSP USA, INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

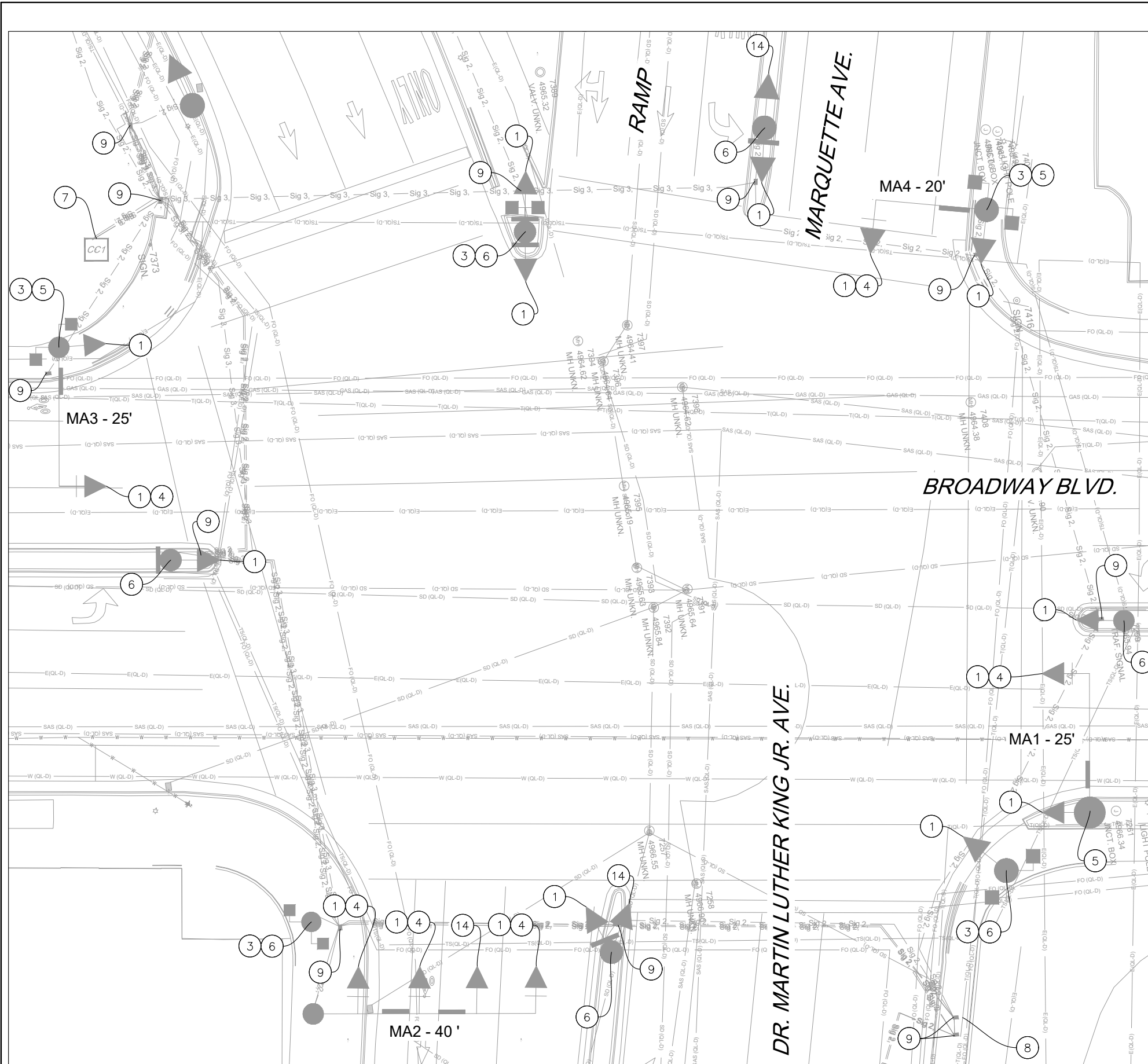
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & CENTRAL AVE PROPOSED

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

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 5-23

**60% SUBMITTAL
NOT FOR CONSTRUCTION**

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	NO.	DATE	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	WORK PERFORMED BY	DATE
						INSPECTOR'S ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWINGS CORRECTED BY	DATE
						MICRO-FILM INFORMATION	DATE
						RECORDED BY	NO.



BROADWAY BLVD. AND DR. MARTIN LUTHER KING JR. AVE. INTERSECTION

KEYED NOTES

1. REMOVE AND SALVAGE EXISTING 3-SECTION TRAFFIC SIGNAL ASSEMBLY.
2. REMOVE AND SALVAGE EXISTING 5-SECTION TRAFFIC SIGNAL ASSEMBLY.
3. REMOVE AND SALVAGE EXISTING PEDESTRIAN SIGNAL ASSEMBLIES.
4. REMOVE AND SALVAGE EXISTING BACKPLATE.
5. REMOVE AND SALVAGE EXISTING TYPE II MASTARM POLE. REMOVE AND DISPOSE FOUNDATION.
6. REMOVE AND SALVAGE EXISTING TYPE I PEDESTAL POLE. REMOVE AND DISPOSE FOUNDATION.
7. REMOVE AND SALVAGE EXISTING CONTROLLER CABINET. REMOVE AND DISPOSE FOUNDATION.
8. REMOVE AND SALVAGE EXISTING METER. REMOVE AND DISPOSE FOUNDATION.
9. REMOVE AND DISPOSE EXISTING PULL BOX.
10. REMOVE AND SALVAGE EXISTING OPTICAL DETECTOR.
11. REMOVE AND SALVAGE EXISTING CCTV.
12. EXISTING SPLICE CABINET TO REMAIN.
13. REMOVE AND DISPOSE EXISTING MANHOLE, SALVAGE COVER.
14. REMOVE AND SALVAGE EXISTING 4-SECTION TRAFFIC SIGNAL ASSEMBLY.

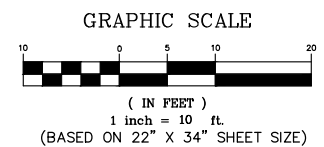
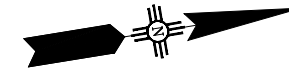
EQUIPMENT SALVAGE LIST

- 16 EA 3-SECTION TRAFFIC SIGNAL ASSEMBLY
- 3 EA 4-SECTION TRAFFIC SIGNAL ASSEMBLY
- 10 EA PEDESTRIAN SIGNAL ASSEMBLY
- 6 EA BACKPLATE
- 3 EA TYPE II MASTARM
- 7 EA TYPE I PEDESTAL POLE
- 1 EA CONTROLLER CABINET
- 1 EA METER

NOTE: FLASHING BEACONS ALONG DR. MARTIN LUTHER KING JR AVE. TO REMAIN IN PLACE

SALVAGE NOTES

1. THE SALVAGE PLAN IS SCHEMATIC IN NATURE AND FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE TRAFFIC OPERATIONS SECTION FOR EQUIPMENT TO BE SALVAGED FROM THE TRAFFIC SIGNAL.
2. ALL EQUIPMENT, EXCEPT FOUNDATIONS WHICH SHALL BE DISPOSED OF, SHALL BE SALVAGED TO THE TRAFFIC SIGNAL SHOP AT 7701 PINO AVE NE.



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD. & MLK JR AVE. EXISTING SIGNAL PLAN

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

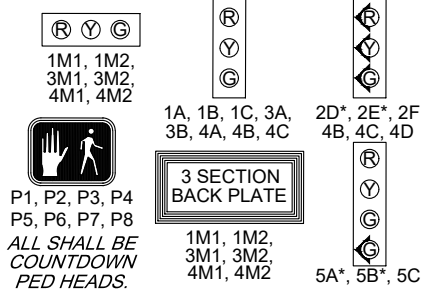
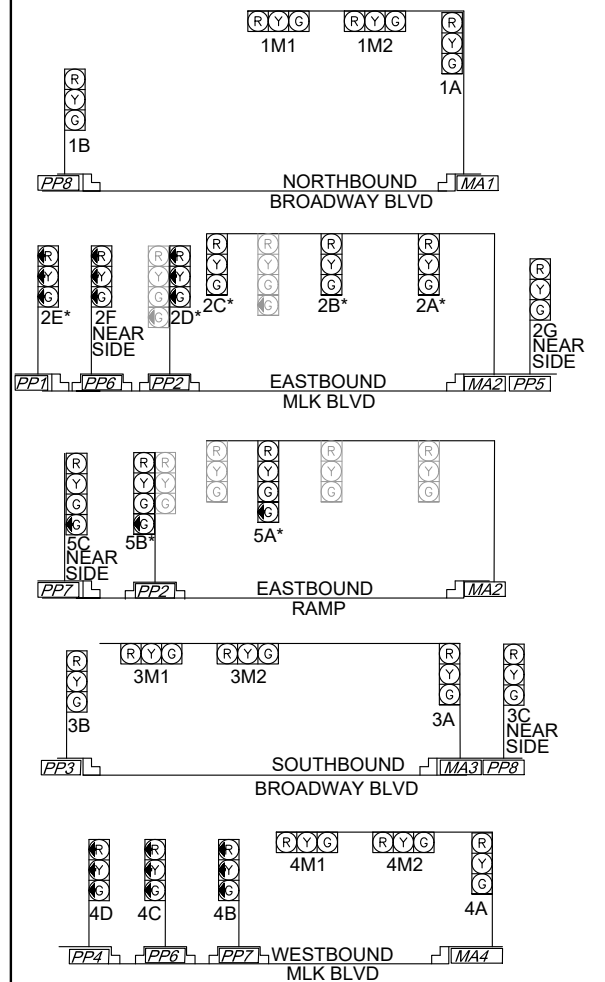
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-24
----------------------------------	--------------------------	---------------

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK PERFORMED BY	A CITY OF ALBUQUERQUE 1 7/8" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	STAMPED "ACS BM, 22-K14", EPOXYED ON TOP OF	DATE				
VERIFICATION BY	DATE	THE CONCRETE CURB RETURN, INNE QUADRANT OF	DATE				
DRAWINGS CORRECTED BY	DATE	BROADWAY BLVD. & GRAND AVE. NE.	DATE				
MICRO-FILM INFORMATION	DATE		NO.				
RECORDED BY	NO.						

NOT FOR SUBMITTAL FOR CONSTRUCTION

TRAFFIC SIGNAL CONFIGURATION BY APPROACH

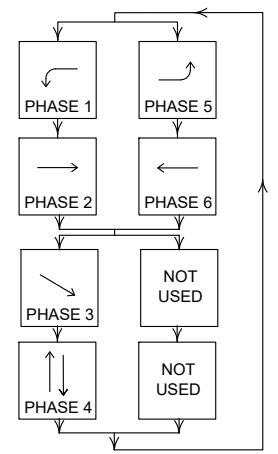
TYPICAL SIGNAL FACE LENS ARRANGEMENTS



P1, P2, P3, P4
P5, P6, P7, P8
ALL SHALL BE COUNTDOWN PED HEADS.

* GEOMETRICALLY PROGRAMMED LOUVER (GLP)

SIGNAL PHASING



ABBREVIATIONS

- MA1 MASTARM #
- CC CONTROLLER CABINET #
- PB1 PULL BOX # (SIGNALS)
- EPB1 EXISTING PULL BOX # (SIGNALS)
- 3A SIGNAL HEAD #
- CAM VIDEO CAMERA
- LUM LUMINAIRE
- P1 PEDESTRIAN SIGNAL #
- PPB1 PEDESTRIAN PUSH BUTTON #
- RPD RADAR PRESENCE DETECTION #

SYMBOL KEY

- MAX SIGNAL ID
- PP1 PEDESTAL POLE NO.
- CONDUIT RUN ID
- CONDUIT RUN ID (POWER SERVICE)
- M METER

FLASH CONDITION

- RED BALL 1M1, 1M2, 1A, 1B, 1C, 3M1, 3M2, 3M2, 3A, 3B
- YELLOW BALL 2A, 2B, 2C, 2D, 2E, 2F, 2G, 4M1, 4M2, 4A, 4B, 4C, 4D, 4E, 4F, 4G

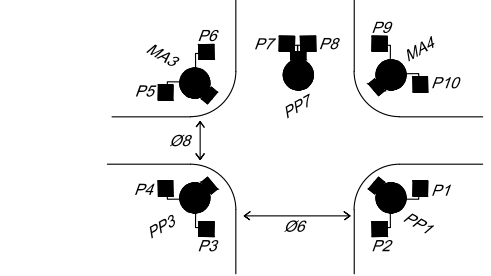
INITIALIZATION

ALL RED, THEN PHASES 2 AND 6 GREEN

NOTES:

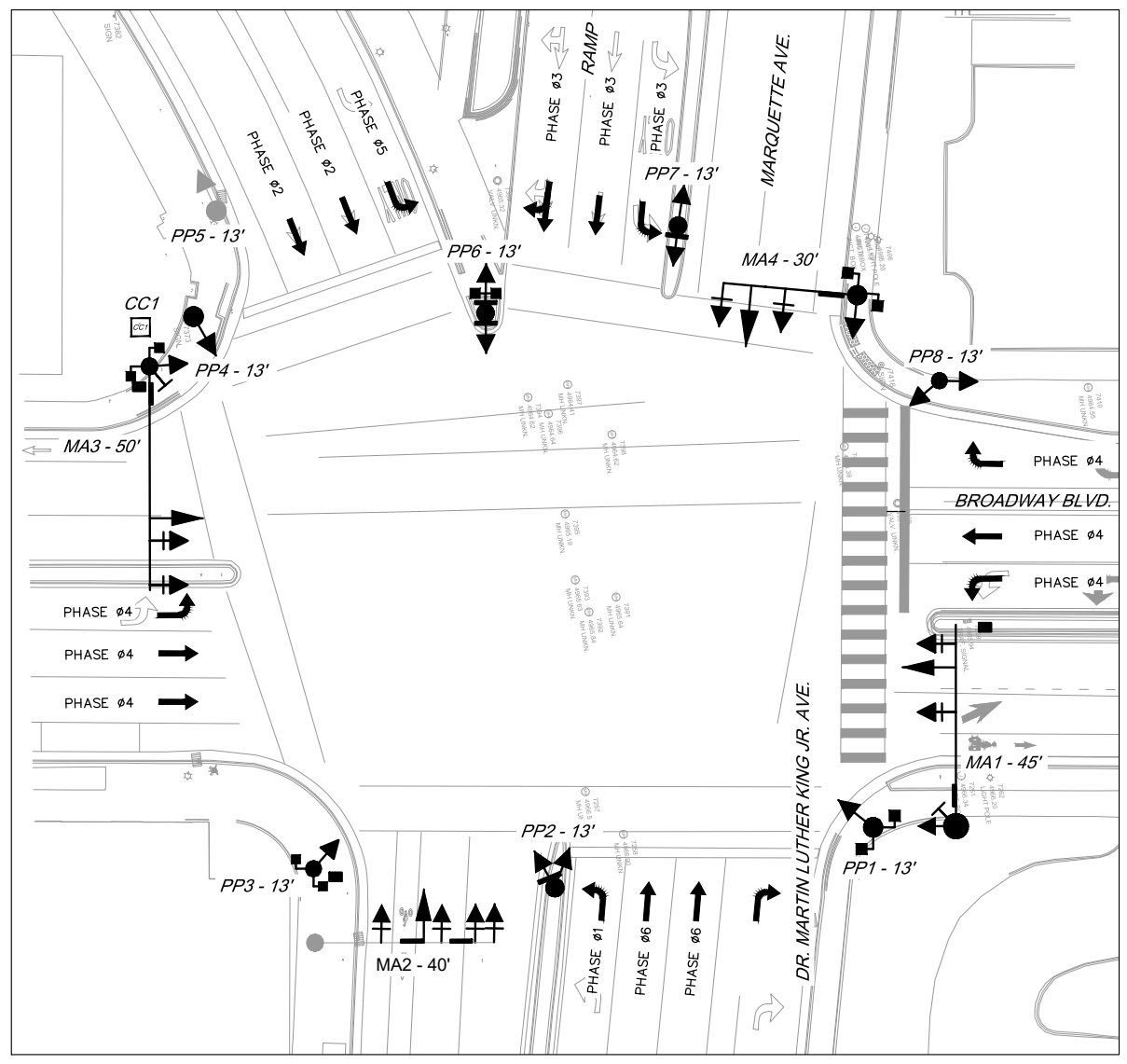
- ALL EQUIPMENT SHALL BE CONSTRUCTED WITHIN THE COA RIGHT-OF-WAY.
- ALL SIGNAL POLE AND MASTARM LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY PROJECT MANAGER.
- ADJUST SIGN PLACEMENT ON MASTARM PER COA TRAFFIC ENGINEER.
- THE PEDESTRIAN PUSH BUTTON MUST BE WITHIN 10" OF LEVEL LANDING. IF THIS IS NOT FEASIBLE THEN A PUSH BUTTON EXTENSION ARM SHALL BE INSTALLED. THE LENGTH OF THE EXTENSION ARM SHALL NOT EXCEED 12'. THE PROJECT MANAGER SHALL USE ENGINEERING JUDGEMENT WHEN INSTALLING EXTENSION ARMS TO AVOID HAZARDS AND/OR EQUIPMENT DAMAGE.

PEDESTRIAN SIGNAL & PUSH BUTTON IDENTIFICATION

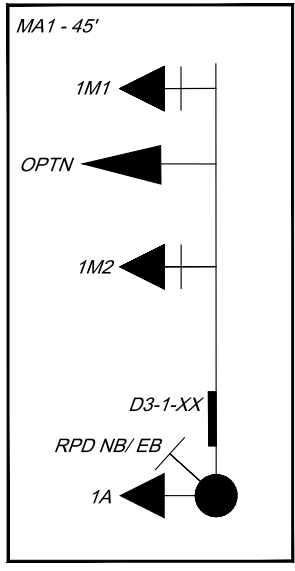
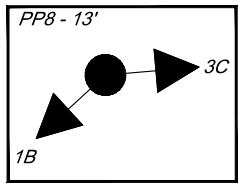
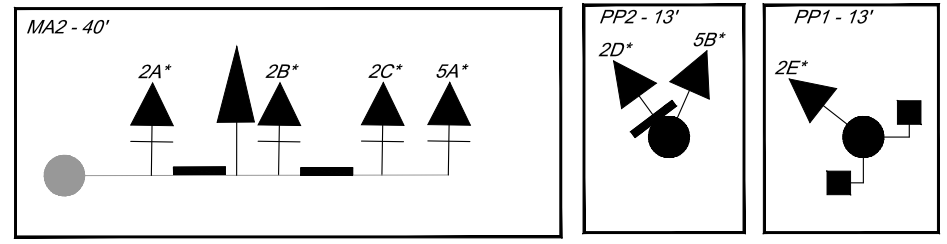


ID #	TYPE	STATION	OFFSET	LUMINAIRE ARM	MOUNTING HEIGHT
MA1	TYPE III STANDARD - 45'				35'
MA2	TYPE II STANDARD - 40'				
MA3	TYPE III STANDARD - 50'				35'
MA4	TYPE II STANDARD - 30'				
PP1	TYPE I STANDARD - 13'				
PP2	TYPE I STANDARD - 13'				
PP3	TYPE I STANDARD - 13'				
PP4	TYPE I STANDARD - 13'				
PP5	TYPE I STANDARD - 13'				
PP6	TYPE I STANDARD - 13'				
PP7	TYPE I STANDARD - 13'				
PP8	TYPE I STANDARD - 13'				

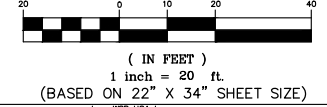
*STATION AND OFFSETS REFERENCE BROADWAY



BROADWAY BLVD. AND DR. MARTIN LUTHER KING JR. AVE. INTERSECTION



GRAPHIC SCALE



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505 881-0357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & DR MARTIN LUTHER KING JR AVE

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

City Project No. COA: 6319.96
Zone Map No. K14, J14
Sheet 5-25

NOT FOR CONSTRUCTION

(BASED ON 22" X 34" SHEET SIZE)



WSP USA, INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & DR MARTIN LUTHER KING JR AVE FUNTIONS

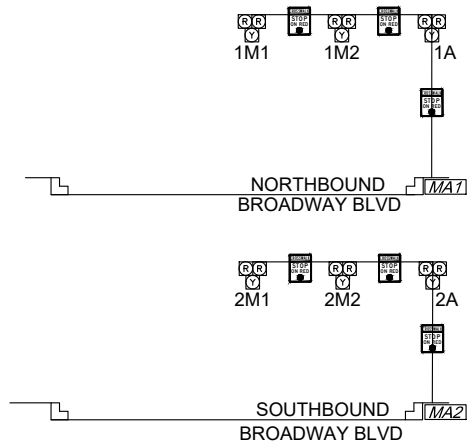
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-27
----------------------------------	--------------------------	---------------

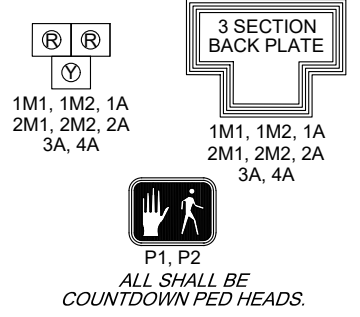
**60% SUBMITTAL
NOT FOR CONSTRUCTION**

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	BY	DESCRIPTION	CONTRACTOR	WORK RECORDED BY	DATE
					A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.		
						INSPECTOR'S ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWINGS CORRECTED BY	DATE
						MICRO-FILM INFORMATION	
						RECORDED BY	DATE
						NO.	

TRAFFIC SIGNAL CONFIGURATION BY APPROACH



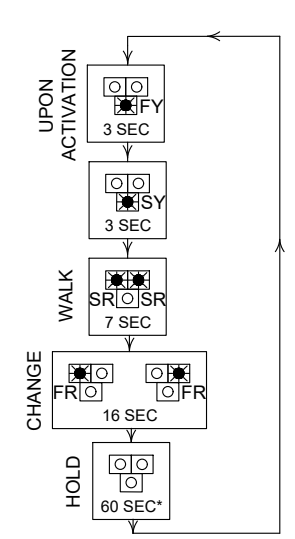
HYBRID BEACON SIGNAL FACE LENS ARRANGEMENTS



P1, P2
ALL SHALL BE
COUNTDOWN PED HEADS.

DISCUSS POWER SOURCE
- HARDWIRE
- SOLAR

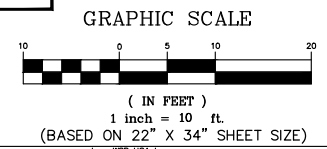
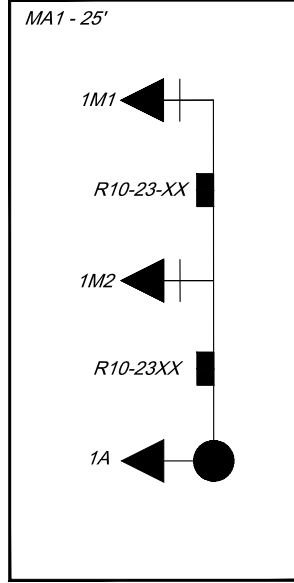
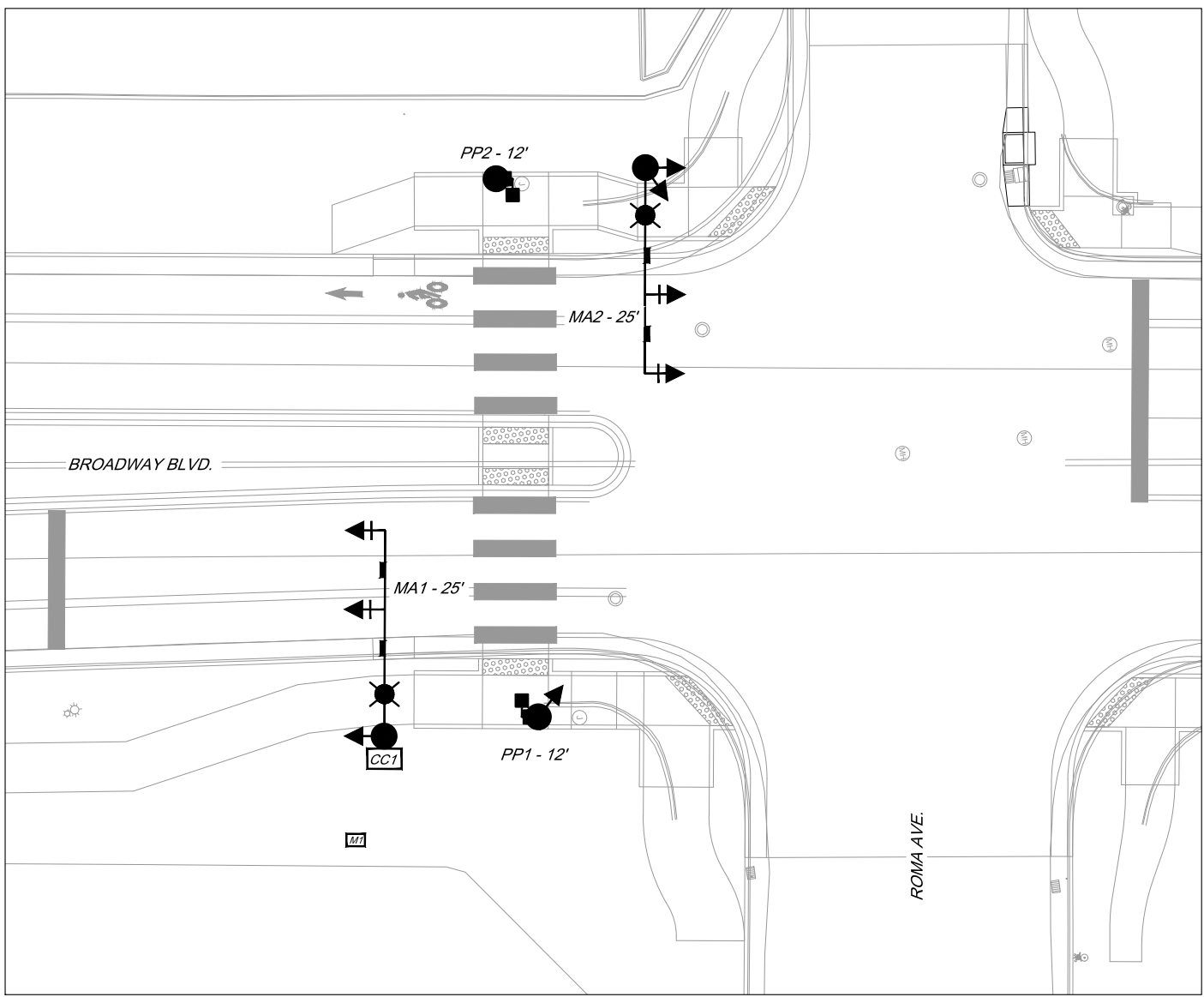
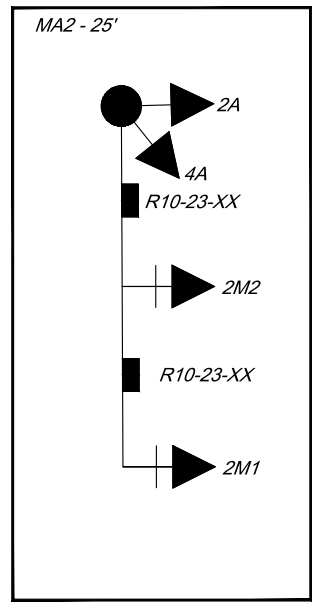
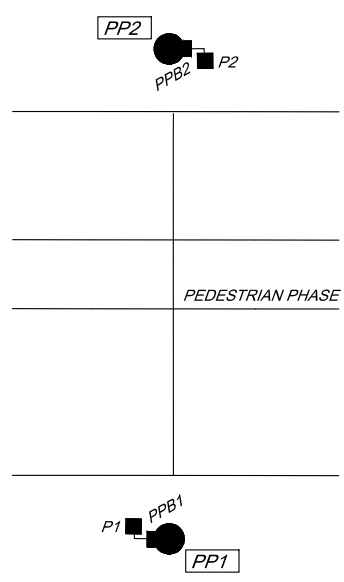
SIGNAL PHASING



*MINIMUM TIME BETWEEN ACTIVATIONS



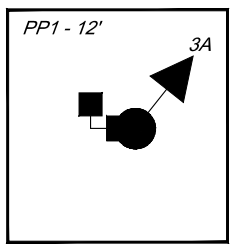
PEDESTRIAN SIGNAL & PUSH BUTTON IDENTIFICATION



ID #	TYPE	STATION	OFFSET	EXT
MA1	TYPE III STANDARD - 25'		10'	40'
MA2	TYPE III STANDARD - 25'		10'	40'
PP1	TYPE I STANDARD - 12'			
PP2	TYPE I STANDARD - 12'			

*STATION AND OFFSETS REFERENCE BROADWAY

BROADWAY BLVD. AND ROMA AVE. PEDESTRIAN HYBRID BEACON



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	NO.	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	NO.	FIELD NOTES	NO.	REMARKS	NO.
WORK INSPECTED BY	DATE	INSPECTOR'S ACCEPTANCE BY	DATE	DATE	DATE	DATE	DATE
DRAWINGS VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE	DESIGN	DESIGN	DESIGN	DESIGN
MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION	
RECORDED BY	DATE	RECORDED BY	DATE	DESIGNED BY: WSP	DATE: 2/21/2024	DRAWN BY: WSP	DATE: 2/21/2024
				CHECKED BY: WSP	DATE: 2/21/2024		

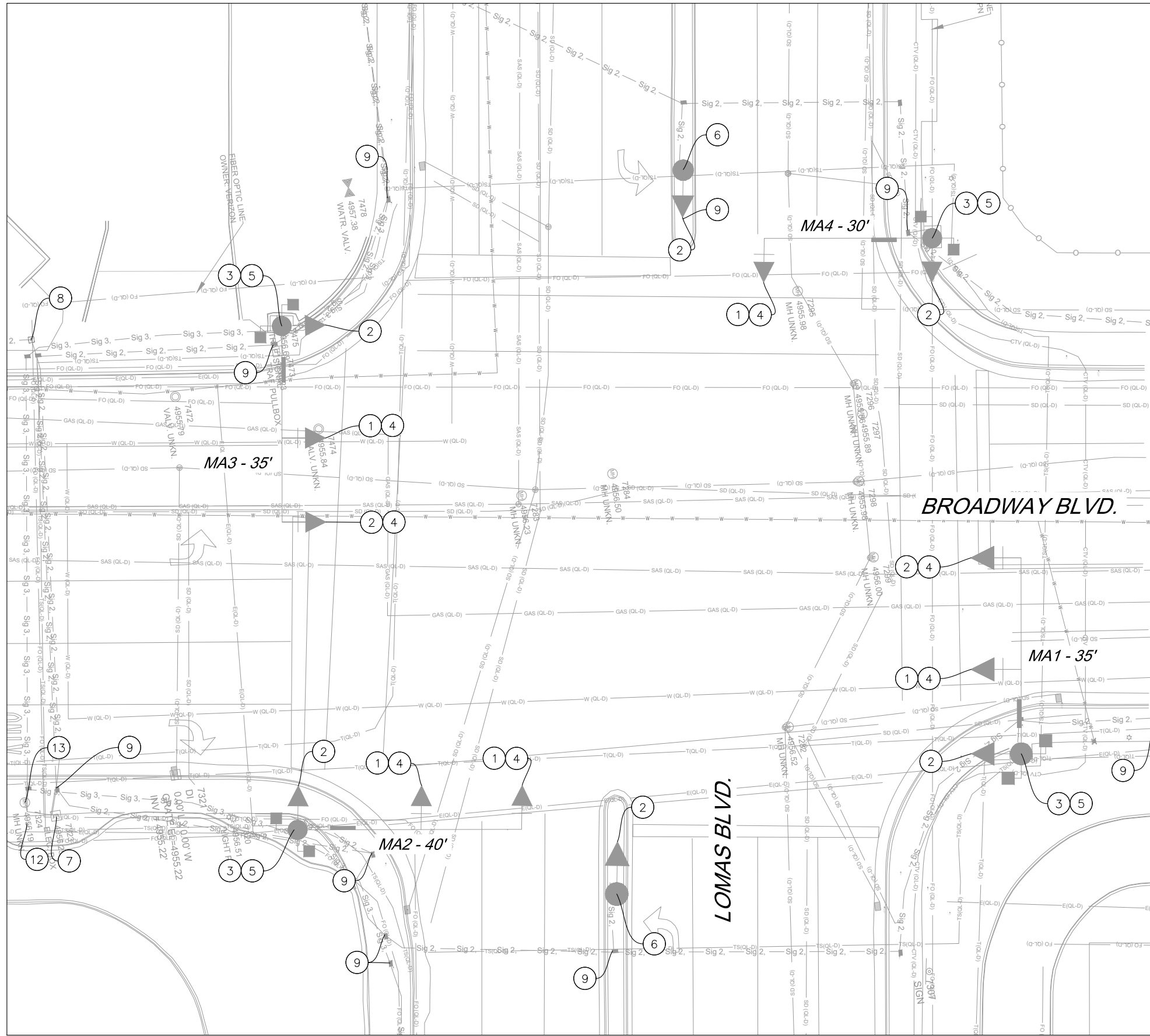
60% SUBMITTAL
NOT FOR CONSTRUCTION

WSP
WSP USA, INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & ROMA AVE PROPOSED

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-29



BROADWAY BLVD. AND LOMAS BLVD. INTERSECTION

KEYED NOTES

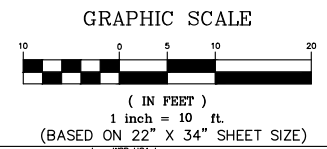
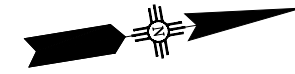
1. REMOVE AND SALVAGE EXISTING 3-SECTION TRAFFIC SIGNAL ASSEMBLY.
2. REMOVE AND SALVAGE EXISTING 5-SECTION TRAFFIC SIGNAL ASSEMBLY.
3. REMOVE AND SALVAGE EXISTING PEDESTRIAN SIGNAL ASSEMBLIES.
4. REMOVE AND SALVAGE EXISTING BACKPLATE.
5. REMOVE AND SALVAGE EXISTING TYPE II MASTARM POLE. REMOVE AND DISPOSE FOUNDATION.
6. REMOVE AND SALVAGE EXISTING TYPE I PEDESTAL POLE. REMOVE AND DISPOSE FOUNDATION.
7. REMOVE AND SALVAGE EXISTING CONTROLLER CABINET. REMOVE AND DISPOSE FOUNDATION.
8. REMOVE AND SALVAGE EXISTING METER. REMOVE AND DISPOSE FOUNDATION.
9. REMOVE AND DISPOSE EXISTING PULL BOX.
10. REMOVE AND SALVAGE EXISTING OPTICAL DETECTOR.
11. REMOVE AND SALVAGE EXISTING CCTV.
12. EXISTING SPLICE CABINET TO REMAIN.
13. REMOVE AND DISPOSE EXISTING MANHOLE, SALVAGE COVER.
14. REMOVE AND SALVAGE EXISTING 4-SECTION TRAFFIC SIGNAL ASSEMBLY.

EQUIPMENT SALVAGE LIST

- 5 EA 3-SECTION TRAFFIC SIGNAL ASSEMBLY
- 8 EA 5-SECTION TRAFFIC SIGNAL ASSEMBLY
- 8 EA PEDESTRIAN SIGNAL ASSEMBLY
- 7 EA BACKPLATE
- 4 EA TYPE II MASTARM
- 2 EA TYPE I PEDESTAL POLE
- 1 EA CONTROLLER CABINET
- 1 EA METER

SALVAGE NOTES

1. THE SALVAGE PLAN IS SCHEMATIC IN NATURE AND FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE TRAFFIC OPERATIONS SECTION FOR EQUIPMENT TO BE SALVAGED FROM THE TRAFFIC SIGNAL.
2. ALL EQUIPMENT, EXCEPT FOUNDATIONS WHICH SHALL BE DISPOSED OF, SHALL BE SALVAGED TO THE TRAFFIC SIGNAL SHOP AT 7701 PINO AVE NE.



WSP USA INC.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.5357
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD. & LOMAS BLVD. EXISTING SIGNAL PLAN

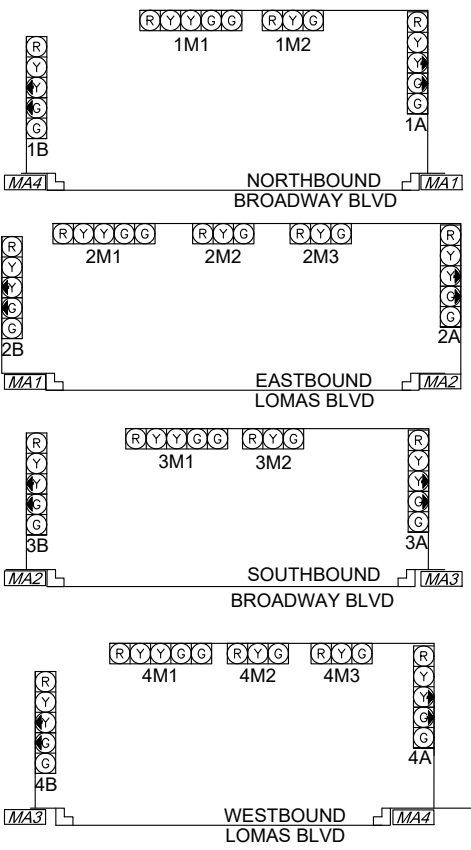
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-31

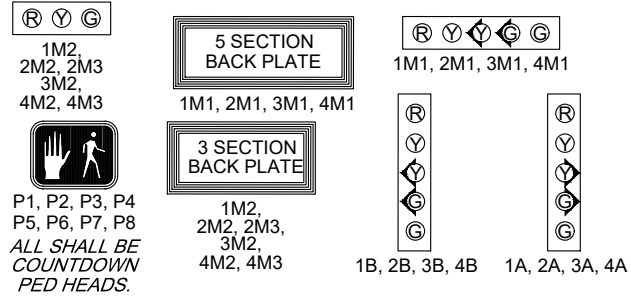
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK PERFORMED BY	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, INNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	DATE				
DRAWINGS VERIFICATION BY	DATE						
MICRO-FILM INFORMATION	RECORDED BY						
	NO.						

NOT FOR SUBMITTAL FOR CONSTRUCTION

TRAFFIC SIGNAL CONFIGURATION BY APPROACH

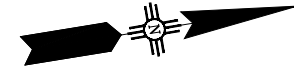
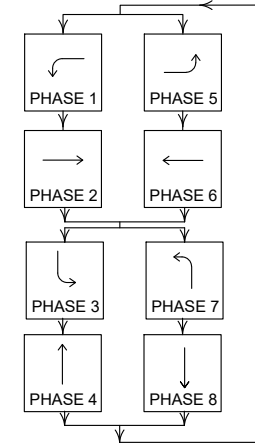


TYPICAL SIGNAL FACE LENS ARRANGEMENTS



P1, P2, P3, P4
P5, P6, P7, P8
ALL SHALL BE
COUNTDOWN
PED HEADS.

SIGNAL PHASING



ABBREVIATIONS

- MA1 MASTARM #
- CC CONTROLLER CABINET #
- PB1 PULL BOX # (SIGNALS)
- EPB1 EXISTING PULL BOX # (SIGNALS)
- 3A SIGNAL HEAD #
- CAM VIDEO CAMERA
- LUM LUMINAIRE
- P1 PEDESTRIAN SIGNAL #
- PPB1 PEDESTRIAN PUSH BUTTON #
- RPD RADAR PRESENCE DETECTION #

SYMBOL KEY

- MAX SIGNAL ID
- PP1 PEDESTAL POLE NO.
- X CONDUIT RUN ID
- SX CONDUIT RUN ID (POWER SERVICE)
- M METER
- SV VAULT

FLASH CONDITION

- RED BALL 2M1, 2M2, 2M3, 2A, 2B, 4M1, 4M2, 4M3, 4A, 4B
- YELLOW BALL 1M1, 1M2, 1A, 1B, 3M1, 3M2, 3A, 3B

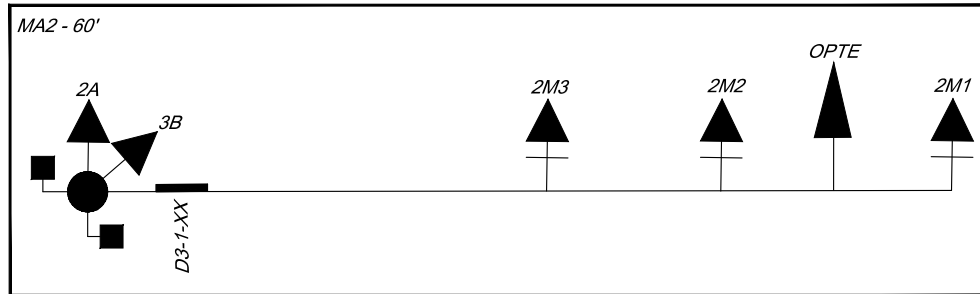
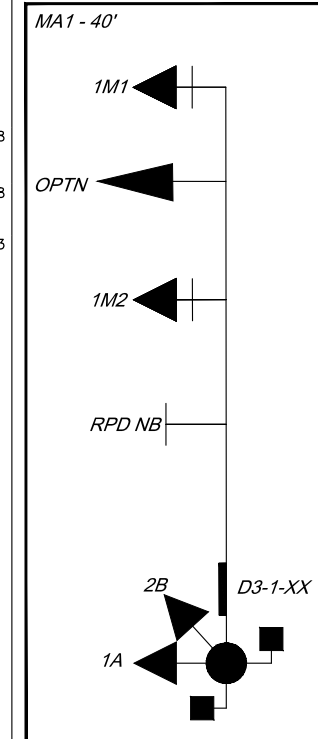
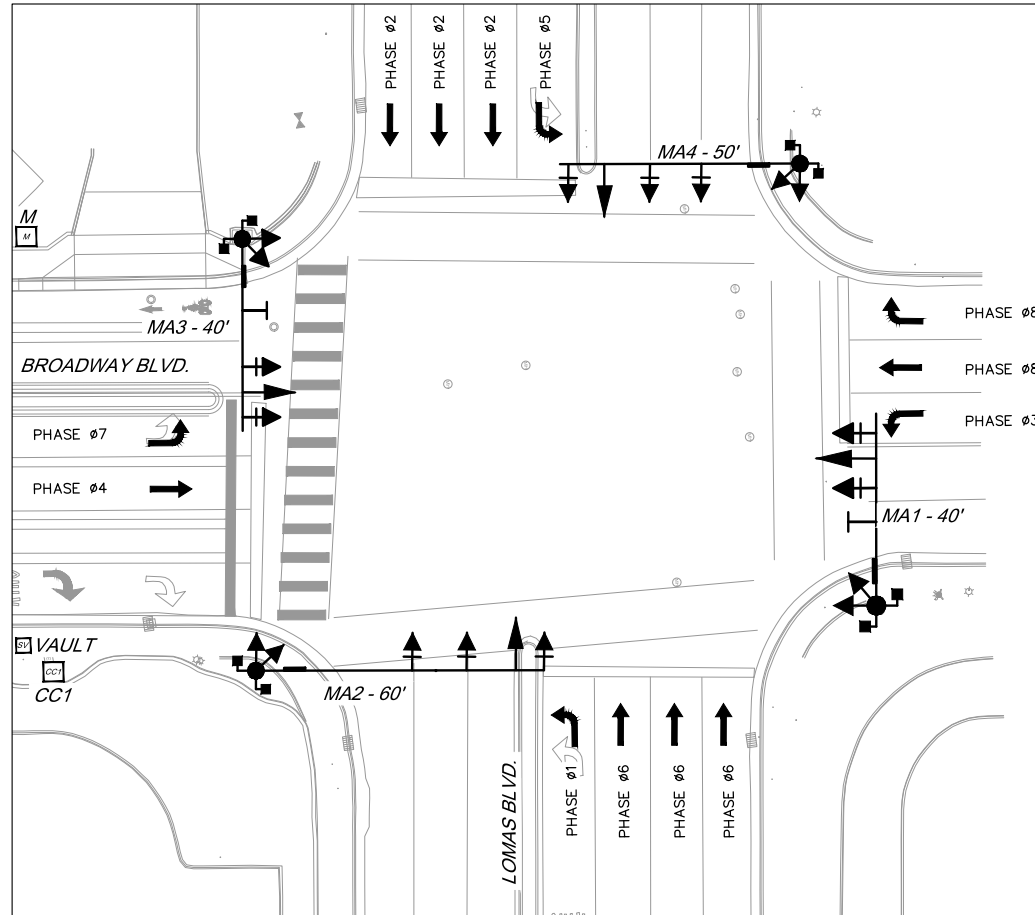
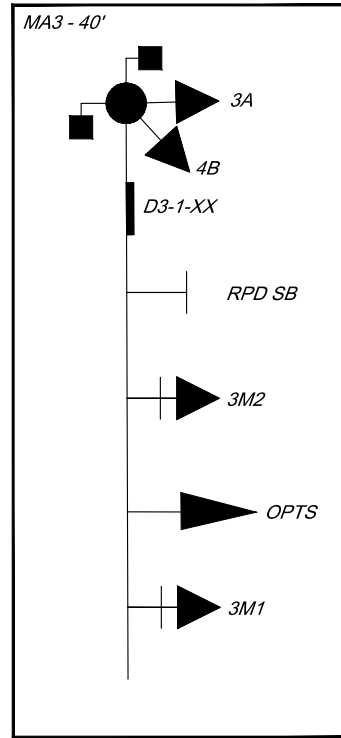
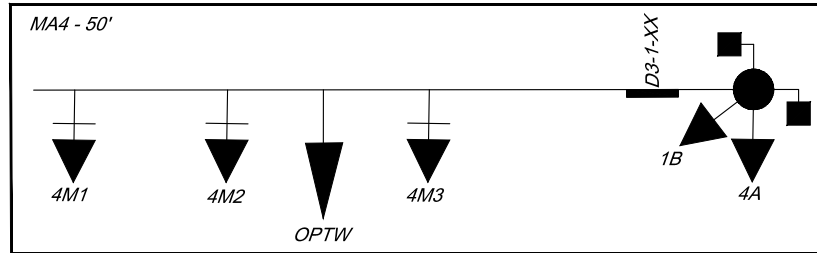
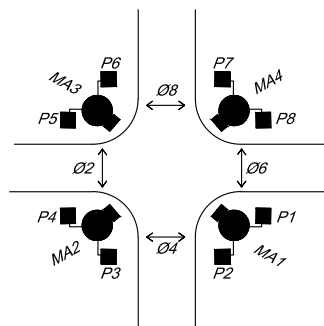
INITIALIZATION

ALL RED, THEN PHASES 2 AND 6 GREEN

NOTES:

- ALL EQUIPMENT SHALL BE CONSTRUCTED WITHIN THE COA RIGHT-OF-WAY.
- ALL SIGNAL POLE AND MASTARM LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY PROJECT MANAGER.
- ADJUST SIGN PLACEMENT ON MASTARM PER COA TRAFFIC ENGINEER.
- THE PEDESTRIAN PUSH BUTTON MUST BE WITHIN 10" OF LEVEL LANDING. IF THIS IS NOT FEASIBLE THEN A PUSH BUTTON EXTENSION ARM SHALL BE INSTALLED. THE LENGTH OF THE EXTENSION ARM SHALL NOT EXCEED 12'. THE PROJECT MANAGER SHALL USE ENGINEERING JUDGEMENT WHEN INSTALLING EXTENSION ARMS TO AVOID HAZARDS AND/OR EQUIPMENT DAMAGE.
- EXISTING LOOP DETECTION FOR LOMAS LEFT-TURN LANES TO REMAIN.

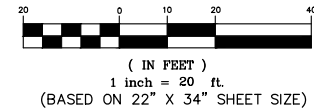
PEDESTRIAN SIGNAL & PUSH BUTTON IDENTIFICATION



ID #	TYPE	STATION	OFFSET	LUMINAIRE ARM	MOUNTING HEIGHT
MA1	TYPE II STANDARD - 40'				
MA2	TYPE II STANDARD - 60'				
MA3	TYPE II STANDARD - 40'				
MA4	TYPE II STANDARD - 50'				

*STATION AND OFFSETS REFERENCE BROADWAY

GRAPHIC SCALE



WSP USA INC.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505 881-5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & LOMAS BLVD PROPOSED

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-32	

60% SUBMITTAL
NOT FOR CONSTRUCTION

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK PERFORMED BY	DATE
INSPECTED BY	DATE
ACCEPTANCE BY	DATE
REVISIONS BY	DATE
DATE	DATE
CORRECTED BY	DATE
RECORDED BY	DATE
NO.	

BENCH MARKS

A CITY OF ALBUQUERQUE 1" ALUMINUM DISK.	DATE
STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF	DATE
THE CONCRETE CURB RETURN, INNE QUADRANT OF	DATE
BROADWAY BLVD. & GRAND AVE. NE.	DATE

ENGINEER'S SEAL

NO.	DATE

SURVEY INFORMATION

FIELD NOTES	BY	DATE

REMARKS

DESIGN	DATE
DESIGNED BY: WSP	2/21/2024
DRAWN BY: WSP	2/21/2024
CHECKED BY: WSP	2/21/2024

NOT INCLUDED IN 60%



WSP USA Inc.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & LOMAS BLVD CONDUITS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 5-33

60% SUBMITTAL
NOT FOR CONSTRUCTION

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	BY	DESCRIPTION	CONTRACTOR	WORK PERFORMED BY	DATE
					A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK.	CONTRACTOR	DATE
					STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF	INSPECTED BY	DATE
					THE CONCRETE CURB RETURN, NNE QUADRANT OF	ACCEPTANCE BY	DATE
					BROADWAY BLVD. & GRAND AVE. NE.	REPLICATION BY	DATE
						DRAWINGS	DATE
						CORRECTED BY	DATE
						MICRO-FILM INFORMATION	DATE
						RECORDED BY	DATE
						NO.	DATE

NOT INCLUDED IN 60%



WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.5357
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

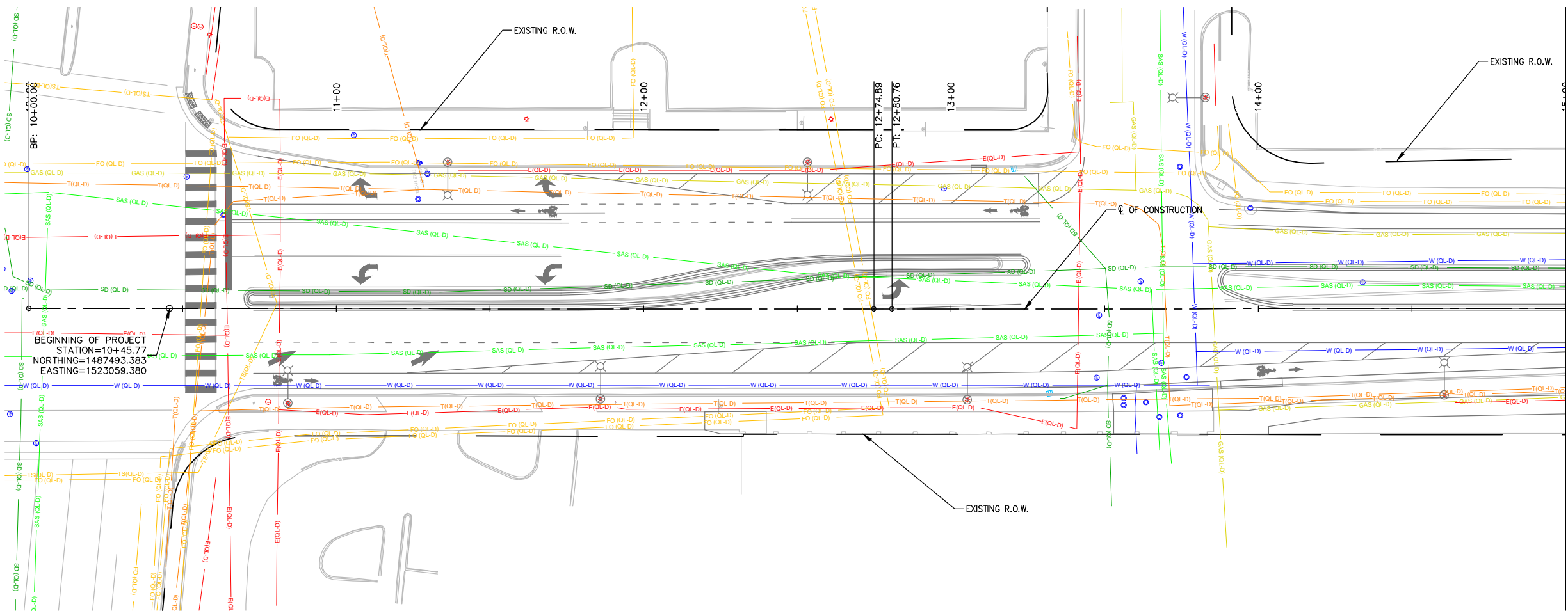
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
BROADWAY BLVD & LOMAS BLVD DETECTORS

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

City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 5-35
----------------------------------	--------------------------	---------------

60% SUBMITTAL
NOT FOR CONSTRUCTION

ENGINEER'S SEAL	SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION
	NO.	DATE	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK.	CONTRACTOR
	BY	DATE	STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	WORK PERFORMED BY
	REMARKS	DATE	THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTOR'S ACCEPTANCE BY
DESIGNED BY: WSP	DATE	2/21/2024	DRAWN BY: WSP	DATE
DRAWN BY: WSP	DATE	2/21/2024	CHECKED BY: WSP	DATE
CHECKED BY: WSP	DATE	2/21/2024	RECORDED BY	DATE
			MICRO-FILM INFORMATION	NO.



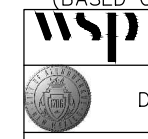
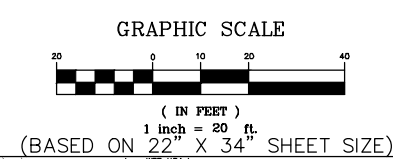
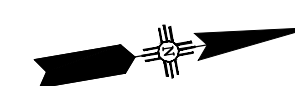
BEGINNING OF PROJECT STATION=10+45.77
 NORTHING=1487493.383
 EASTING=1523059.380

GENERAL NOTES:

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

LEGEND:

- | | | | |
|--|----------------------|--|-----------------------|
| | U/G CABLE TV LINE | | POLE MOUNTED LIGHT |
| | U/G FIBER OPTIC LINE | | UTILITY POLE |
| | U/G TELEPHONE LINE | | GUY WIRE |
| | U/G ELECTRIC LINE | | TRANSFORMER |
| | OVERHEAD WIRE | | TRAFFIC PULL BOX |
| | WATER MAIN | | FIRE HYDRANT |
| | GAS MAIN | | WATER VALVE |
| | SAN. SEWER LATERAL | | GAS VALVE |
| | STORM PIPE | | STORM DROP INLET |
| | ELECTRICAL MANHOLE | | UNKNOWN VALVE |
| | WATER MANHOLE | | TRAFFIC SIGNAL |
| | TELEPHONE MANHOLE | | ELECTRIC JUNCTION BOX |
| | UNKNOWN MANHOLE | | ELECTRIC BOX |
| | SANITARY MANHOLE | | |
| | DRAINAGE MANHOLE | | |



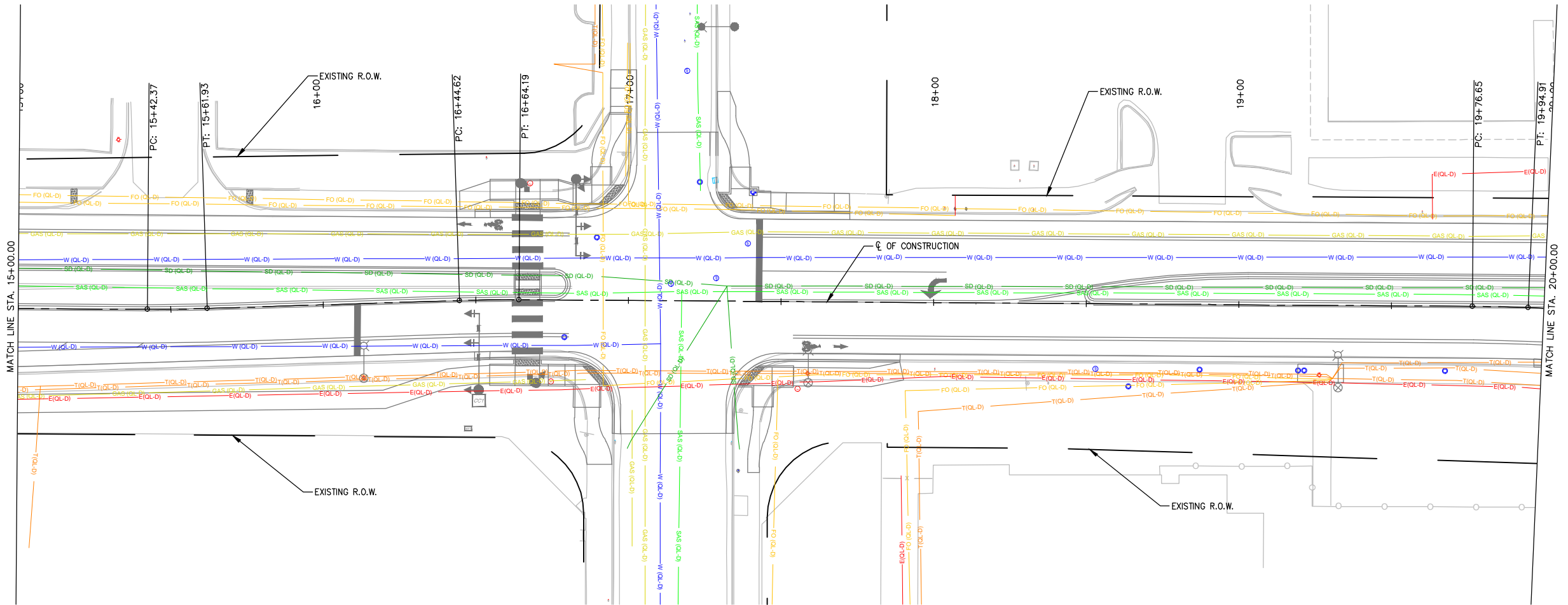
WSP USA Inc.
 2445 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.891.0307
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 EXISTING UTILITY PLANS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 7-1	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	CONTRACTOR	WORK	DATE	DATE
	BY	A CITY OF ALBUQUERQUE 1" ALUMINUM DISK,	INSPECTED BY		
		STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF	ACCEPTANCE BY		
		THE CONCRETE CURB RETURN, NNE QUADRANT OF	DATE		
		BROADWAY BLVD. & GRAND AVE. NE.	DATE		
			DATE		
			DATE		
			DATE		
			DATE		
			DATE		

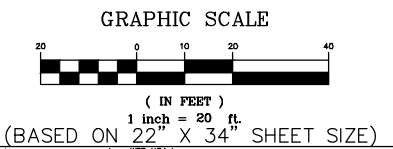


GENERAL NOTES:

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

LEGEND:

CTV (QL-D)	U/G CABLE TV LINE	POLE MOUNTED LIGHT
FO (QL-D)	U/G FIBER OPTIC LINE	UTILITY POLE
T(QL-D)	U/G TELEPHONE LINE	GUY WIRE
E(QL-D)	U/G ELECTRIC LINE	TRANSFORMER
OVERHEAD WIRE		TRAFFIC PULL BOX
W (QL-D)	WATER MAIN	FIRE HYDRANT
GAS (QL-D)	GAS MAIN	WATER VALVE
SAS (QL-D)	SAN. SEWER LATERAL	GAS VALVE
SD (QL-D)	STORM PIPE	STORM DROP INLET
E	ELECTRICAL MANHOLE	UNKNOWN VALVE
W	WATER MANHOLE	TRAFFIC SIGNAL
T	TELEPHONE MANHOLE	ELECTRIC JUNCTION BOX
M	UNKNOWN MANHOLE	ELECTRIC BOX
S	SANITARY MANHOLE	
D	DRAINAGE MANHOLE	



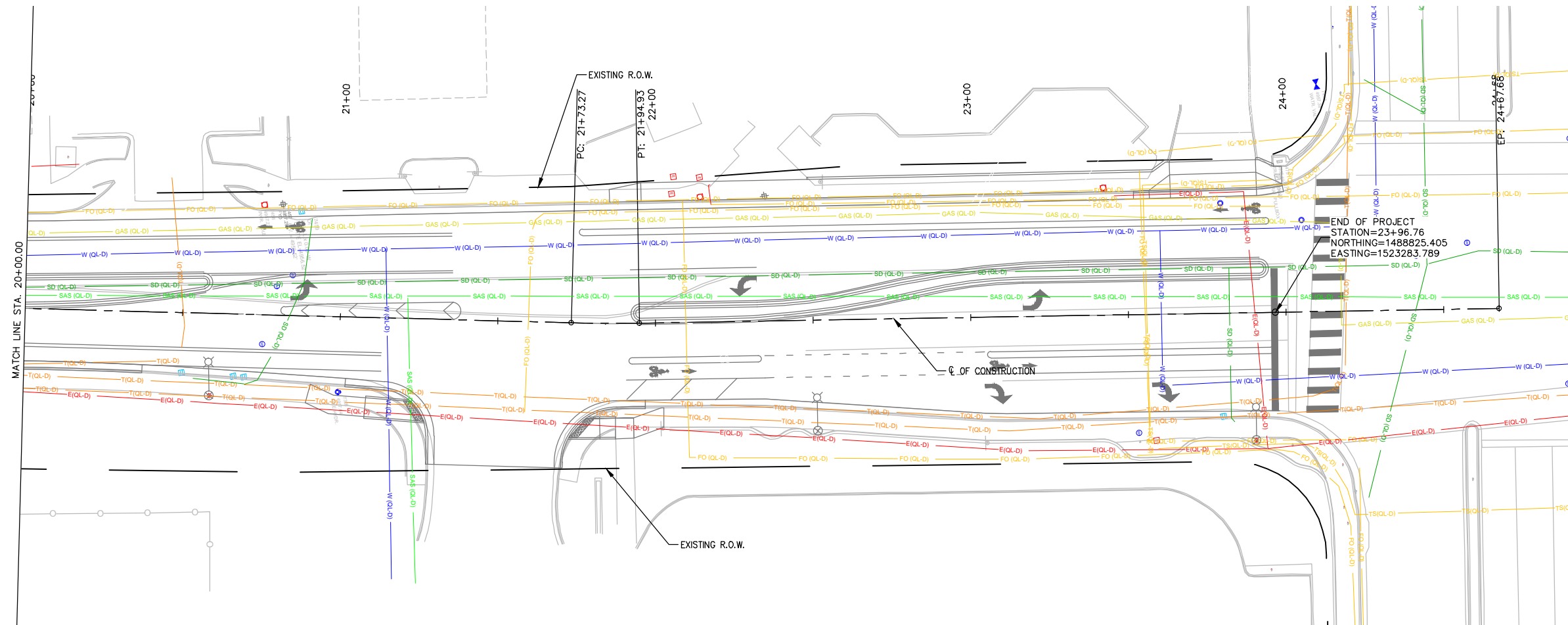
wsp WSP USA Inc. 2440 LOUISIANA BLVD. NE SUITE 400 ALBUQUERQUE, NM 87110 TEL: +1 505.861.5357 WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
EXISTING UTILITY PLANS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 7-2

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NOT FOR SUBMITTAL FOR CONSTRUCTION		FIELD NOTES		A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.		CONTRACTOR	
NO.	DATE	BY	REMARKS	NO.	DATE	WORKED BY	DATE
						INSPECTOR'S ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWINGS CORRECTED BY	DATE
						MICRO-FILM INFORMATION	DATE
						RECORDED BY	NO.

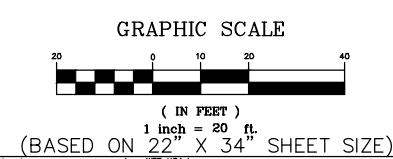
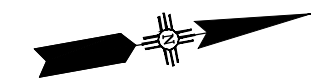


GENERAL NOTES:

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

LEGEND:

- | | | | |
|--|----------------------|--|-----------------------|
| | U/G CABLE TV LINE | | POLE MOUNTED LIGHT |
| | U/G FIBER OPTIC LINE | | UTILITY POLE |
| | U/G TELEPHONE LINE | | GUY WIRE |
| | U/G ELECTRIC LINE | | TRANSFORMER |
| | OVERHEAD WIRE | | TRAFFIC PULL BOX |
| | WATER MAIN | | FIRE HYDRANT |
| | GAS MAIN | | WATER VALVE |
| | SAN. SEWER LATERAL | | GAS VALVE |
| | STORM PIPE | | STORM DROP INLET |
| | ELECTRICAL MANHOLE | | UNKNOWN VALVE |
| | WATER MANHOLE | | TRAFFIC SIGNAL |
| | TELEPHONE MANHOLE | | ELECTRIC JUNCTION BOX |
| | UNKNOWN MANHOLE | | ELECTRIC BOX |
| | SANITARY MANHOLE | | |
| | DRAINAGE MANHOLE | | |



wsp WSP USA Inc.
2445 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.818.5357
WWW.WSP.COM

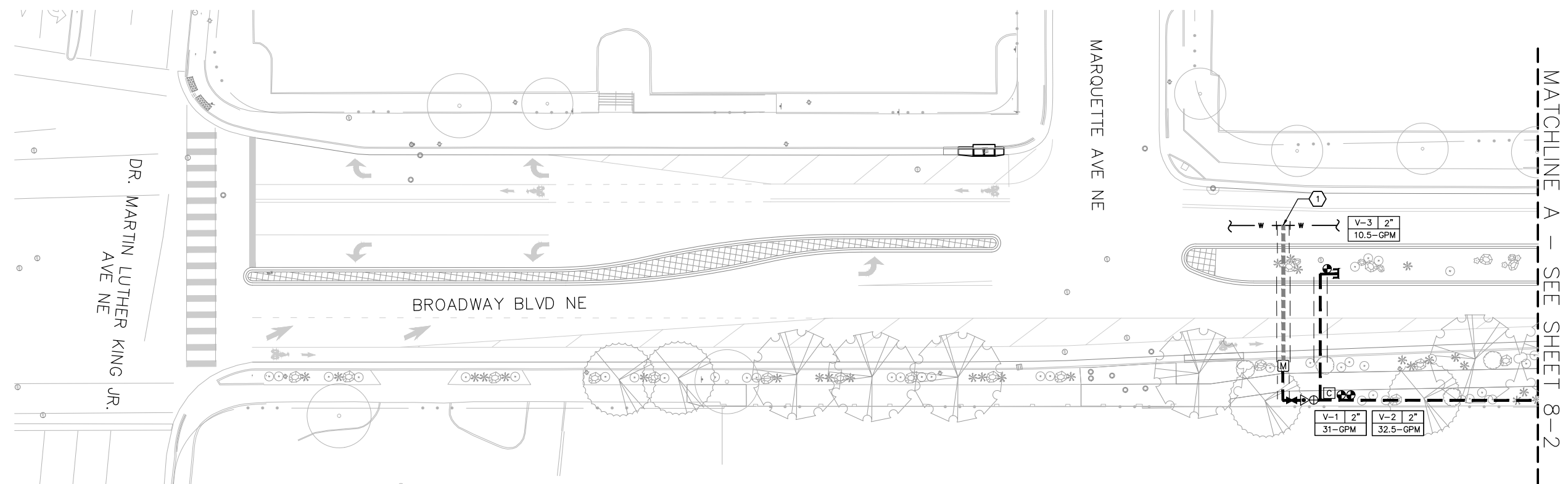
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
EXISTING UTILITY PLANS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 7-3

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	BY	FIELD NOTES	A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	WORKED BY	DATE
							INSPECTOR'S ACCEPTANCE BY
							DATE
							DATE
							DATE
							DATE
							DATE
							DATE
							DATE
							DATE

60% SUBMITTAL
NOT FOR CONSTRUCTION



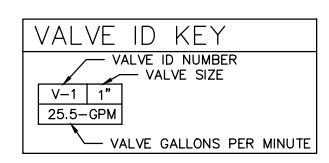
A1 IRRIGATION PLAN
SCALE: 1"=20'-0"

IRRIGATION NOTES

- A. WHERE SLEEVING IS SHOWN ON THE PLAN, INSTALLATION SHALL BE COORDINATED WITH ALL TRADES TO ENSURE THAT PIPE AND SLEEVES ARE INSTALLED AT PROPER DEPTHS AND PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVEMENT, SIDEWALKS, CONCRETE PADS, ETC.
- B. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
- C. FOR PVC IRRIGATION PIPING AND EQUIPMENT REFERENCE SPECIFICATION SECTION 328400 - LANDSCAPE IRRIGATION SYSTEM.
- D. THE LOCATION AND SIZE OF IRRIGATION EQUIPMENT ON THE PLAN IS SHOWN DIAGRAMMATICALLY FOR GRAPHIC CLARITY. THE LOCATION OF CONTROLLERS, BACKFLOW PREVENTERS, VALVES, ETC. SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD.
- E. THE LOCATION OF IRRIGATION MAIN AND LATERAL LINES ON THE PLAN IS SHOWN DIAGRAMMATICALLY FOR GRAPHIC CLARITY. UNLESS OTHERWISE NOTED ON THE PLAN, ANY IRRIGATION LINES SHOWN IN HARDSCAPE AREAS IS FOR GRAPHIC CLARITY ONLY. IRRIGATION LINES SHALL BE LOCATED IN IMMEDIATELY ADJACENT LANDSCAPE AREAS.
- F. ALL VALVE BOXES IN MULCH AREAS SHALL BE TAN WITH TAN BOLT-DOWN LIDS.
- G. IRRIGATION SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 60 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 60 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
- H. CONTRACTOR SHALL PROVIDE ONE (1) 120-VOLT, 20 AMP CIRCUIT FROM ELECTRICAL PANEL TO THE IRRIGATION CONTROLLER AND TO THE BACKFLOW PREVENTER ENCLOSURE (ONE TO EACH). ALL WORK AND MATERIALS SHALL MEET LOCAL CODES AND THE NATIONAL ELECTRIC CODE (N.E.C.). REFERENCE ELECTRICAL PLANS.
- I. AIR RELEASE VALVE LOCATIONS ARE SHOWN SCHEMATICALLY ON THE PLAN AT HIGH POINTS IN ELEVATION. CONTRACTOR SHALL SURVEY FINAL LOCATIONS OF ALL AIR RELEASE VALVES PRIOR TO INSTALLATION TO ENSURE THAT THEY ARE LOCATED AT ACTUAL HIGH POINTS.

IRRIGATION KEY NOTES

- 1. IRRIGATION SYSTEM POINT OF CONNECTION. TAP EXISTING 8"CAST IRON WATERLINE IN ROAD- PER WJA DWG 2363.

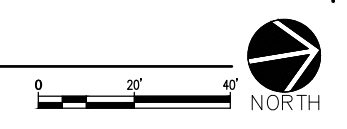


IRRIGATION LEGEND

- 2" WATER SERVICE LINE PER WJA DWG 2363.
- IRRIGATION MAIN LINE, SCHEDULE 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN. DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE MAIN, 18" FOR NON-CONTINUOUS PRESSURE MAIN.
- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4".
- ==== MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC.
- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC.
- ⊕ REMOTE CONTROL VALVE ASSEMBLY, RAIN BIRD PEB SERIES, OR EQUAL, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER DETAIL C/8-4.
- ⊕ MANUAL ISOLATION VALVE ASSEMBLY, SPEARS SCH. 80 PVC BALL VALVE WITH UNIONS, SAME SIZE AS LINE. INSTALL PER COA. DWG. 2707.
- ⊕ BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY, FEBCO 825YA, OR EQUAL, 2" REDUCED PRESSURE BACKFLOW PREVENTER IN HEATED AND INSULATED BACKFLOW ENCLOSURE, HOT BOX MODEL XXXX, OR EQUAL, WITH 2" ARAD MASTER VALVE/ FLOW METER PER DETAIL B/8-4.
- △ AIR RELEASE VALVE ASSEMBLY, CRISPIN AL-10, OR EQUAL, SIZE 1". INSTALL PER COA. DWG. 2706. SEE IRRIGATION NOTE 1.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES WITH CHECK VALVE. INSTALL AS FOLLOWS:

MODEL NO.	GPM	PSI
1401	.25	30
1402	.50	30
1404	1.0 (3 PER TREE)	30

 REFERENCE DETAIL D/8-4
- ⊐ SOLVENT WELD PVC CAP, SIZE PER LINE SIZE.
- ⊐ INSTALL IRRIGATION CONTROLLER, IRRINET M MODEL IS-R1A-HRU-OT-SB AC CONTROLLER WITH 12 STATION OUTPUTS, 4 INPUTS, UHF HI POWER RADIO WITH TRANSFORMER, ANTENNA AND SURGE PROTECTION. INSTALL IN STRONGBOX UL STAINLESS STEEL LOCKING DOOR ENCLOSURE PER DETAIL E/8-4. ENCLOSURE SHALL BE POWDER COATED, COLOR: TAN, COMMUNICATION TO ICC CENTRAL PROGRAMING OF CONTROLLER AND RADIO. PROVIDE GROUNDING PROTECTION TO CONTROLLER PER DETAIL A/8-4.
- ⊐ 2" WATER METER, INSTALLED BY OTHERS.



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	BY	DATE	A CITY OF ALBUQUERQUE 1 1/2" ALUMINUM DISK, STAMPED "ACS BM. 22-K14", EPOXYED ON TOP OF THE CONCRETE CURB RETURN, NINE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	CONTRACTOR	INSPECTOR'S FIELD VERIFICATION BY	DATE
REMARKS		FIELD NOTES		MICRO-FILM INFORMATION			
DESIGN				RECORDED BY	NO.	DATE	
60% SUBMITTAL NOT FOR CONSTRUCTION							
DESIGNED BY: RL/AT	DATE 10/06/2023						
DRAWN BY: SA/AT	DATE 10/06/2023						
CHECKED BY: RL	DATE 10/06/2023						

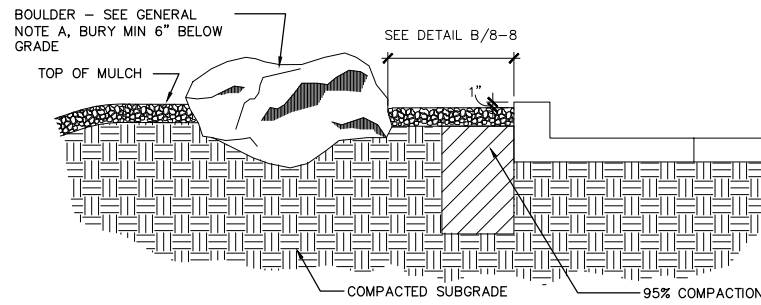
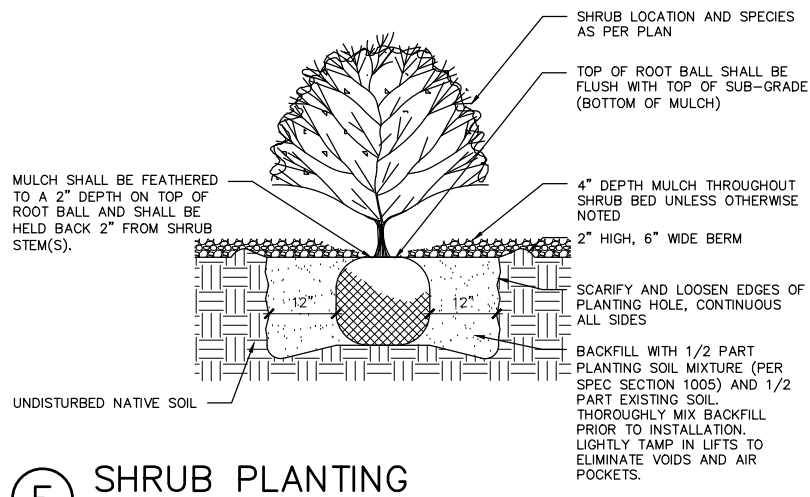
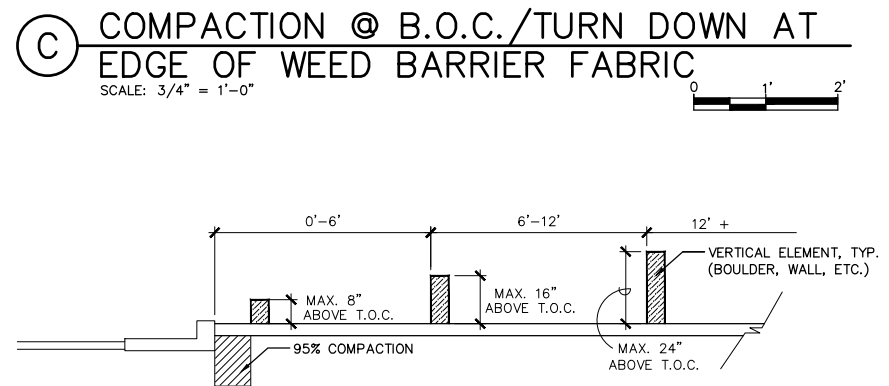
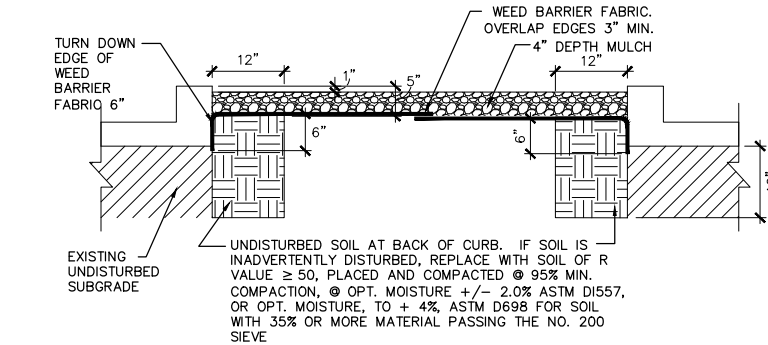
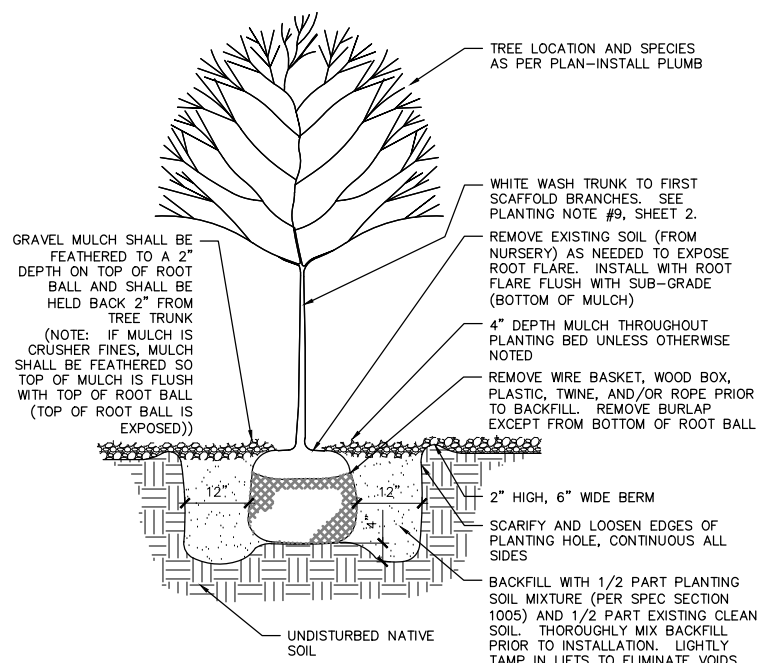
pland PLAND COLLABORATIVE
600 1ST ST. NW, SUITE 100
ALBUQUERQUE, NM 87102
TEL: 415.558.2266
WWW.PLANDCOLLAB.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BROADWAY BLVD. RECONSTRUCTION
DR. MARTIN LUTHER KING JR. AVE. TO LOMAS BLVD.
IRRIGATION PLAN

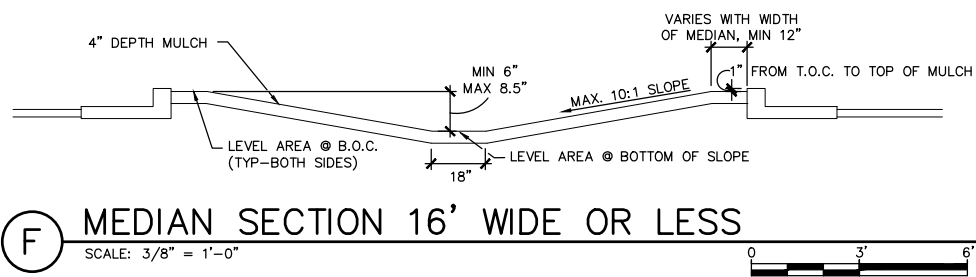
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

City Project No. COA:6319.96 Zone Map No. K14, J14 Sheet 8-1



GENERAL NOTES

A. LARGE BOULDERS SHALL BE 12 CF TO 18 CF MOSS ROCK, OR EQUAL AS APPROVED BY THE CITY PROJECT MANAGER. SMALL BOULDERS SHALL BE 8 TO 10 CF MOSS ROCK OR EQUAL AS APPROVED BY COA PROJECT MANAGER. CINDER BOULDERS WILL NOT BE ACCEPTED. BOULDERS SHALL BE INSTALLED PER DETAIL X/X. FOR BIDDING PURPOSES, BOULDERS IN A PROTOTYPE POD SHALL BE LARGE BOULDERS.



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	NO.	A CITY OF ALBUQUERQUE 1 1/2" ALUMINUM DISK.	DATE	FIELD NOTES	NO.	DATE	NO.
WORKED BY	NO.	STAMPED "ACS BM, 22-K14". EPOXIED ON TOP OF	DATE	BY	DATE	DATE	DATE
INSPECTOR'S ACCEPTANCE BY	NO.	THE CONCRETE CURB RETURN, NINE QUADRANT OF	DATE	NO.	DATE	DATE	DATE
VERIFICATION BY	NO.	BROADWAY BLVD. & GRAND AVE. N.E.	DATE	NO.	DATE	DATE	DATE
DRAWN BY	NO.		DATE	NO.	DATE	DATE	DATE
DESIGNED BY	NO.		DATE	NO.	DATE	DATE	DATE
RECORDED BY	NO.		DATE	NO.	DATE	DATE	DATE
	NO.		DATE	NO.	DATE	DATE	DATE

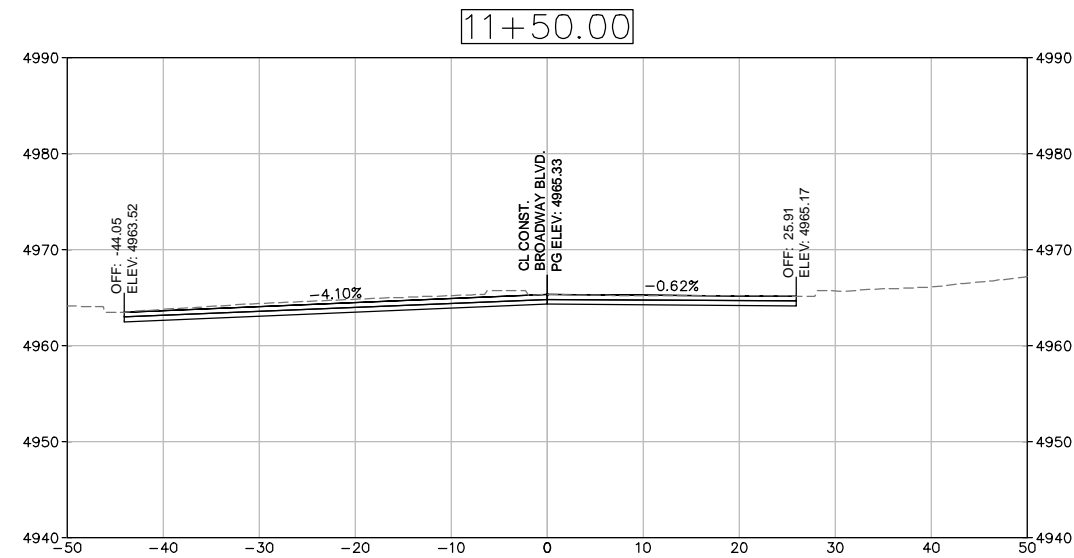
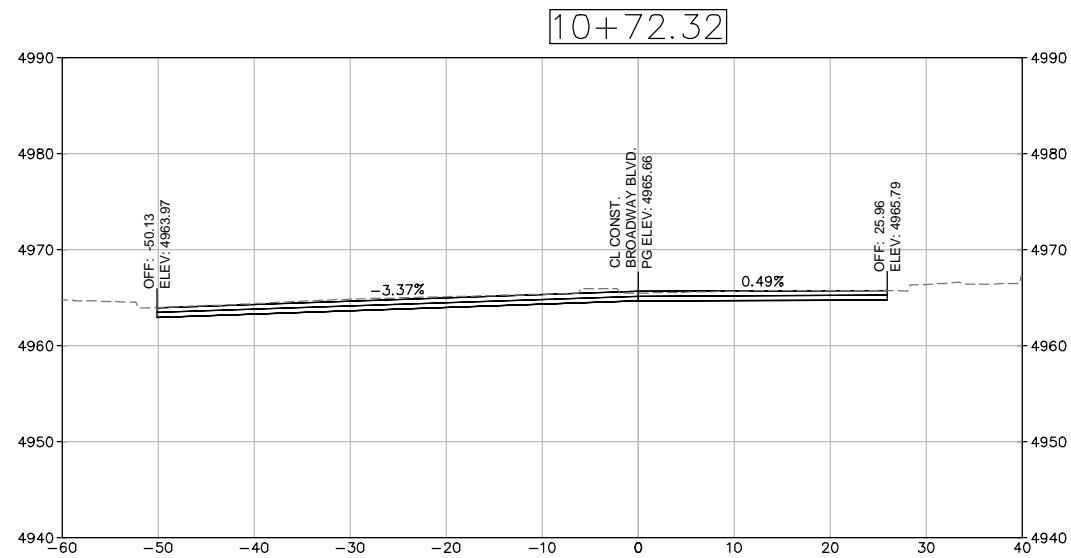
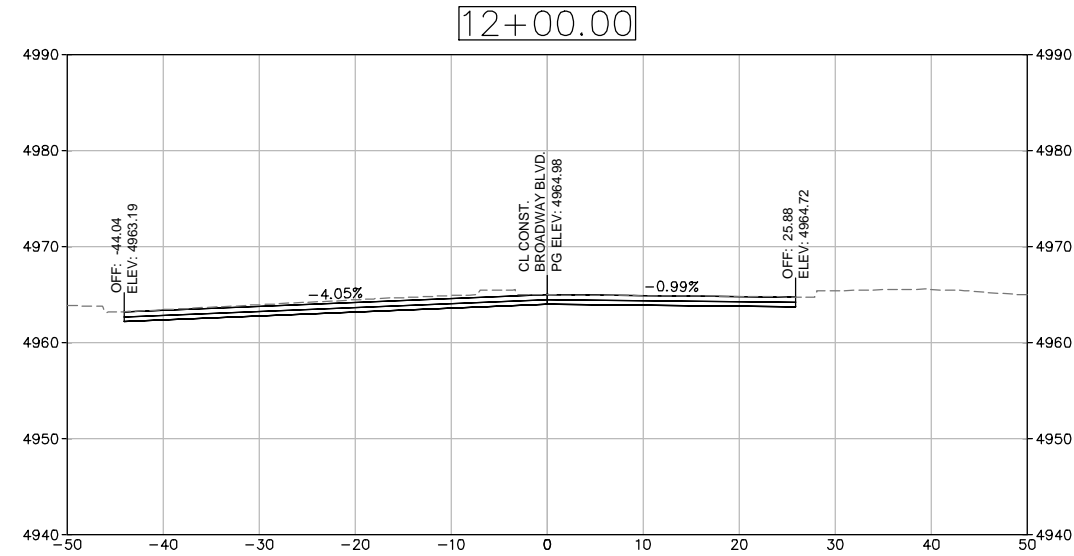
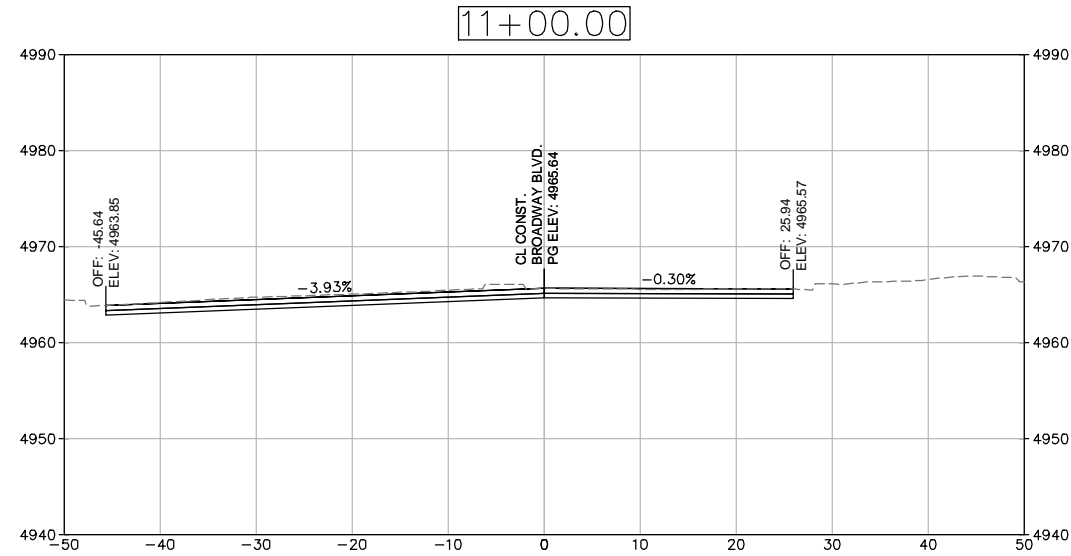
60% SUBMITTAL NOT FOR CONSTRUCTION

pland PLAND COLLABORATIVE
600 1ST ST NW, SUITE 100
ALBUQUERQUE, NM 87102
TEL: +1 505.268.2266
WWW.PLANDCOLLAB.COM

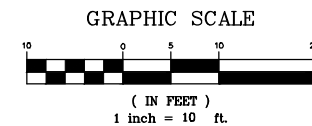
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
DR. MARTIN LUTHER KING JR. AVE. TO LOMAS BLVD.
CONSTRUCTION / LANDSCAPE DETAILS

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

City Project No. COA: 6319.96 Zone Map No. K14, J14 Sheet 8-8



- NOTES:
- CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 - RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



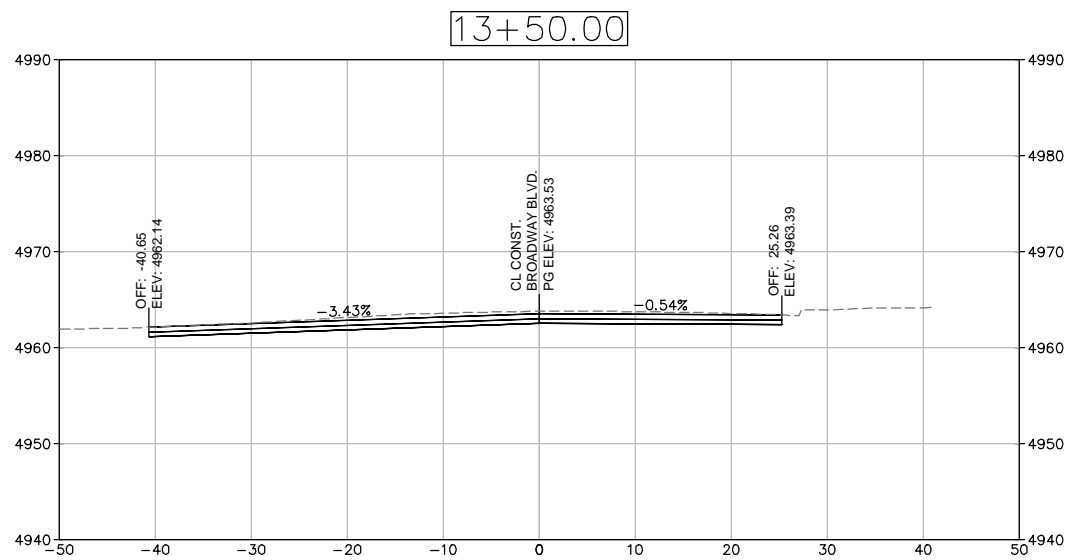
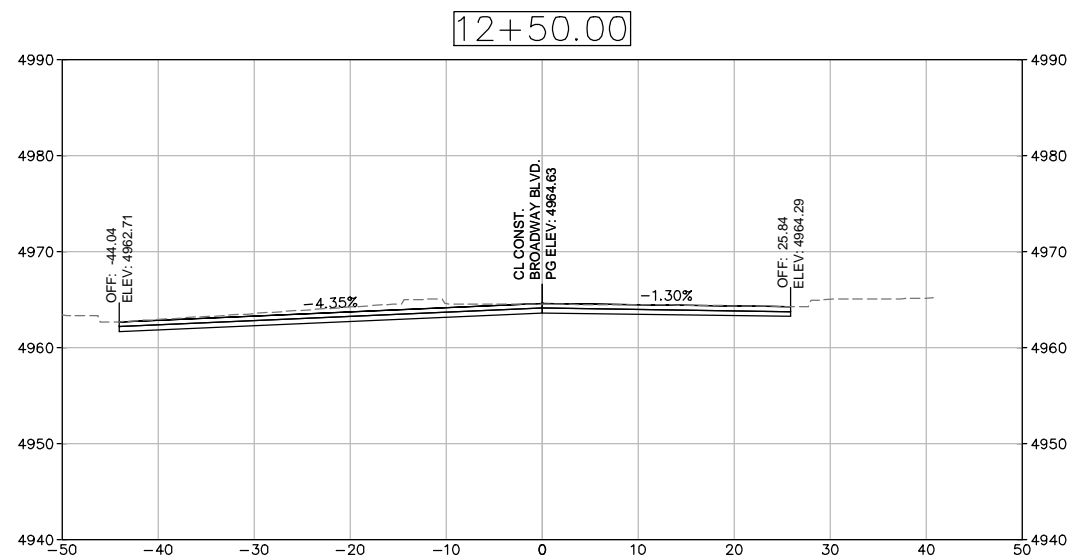
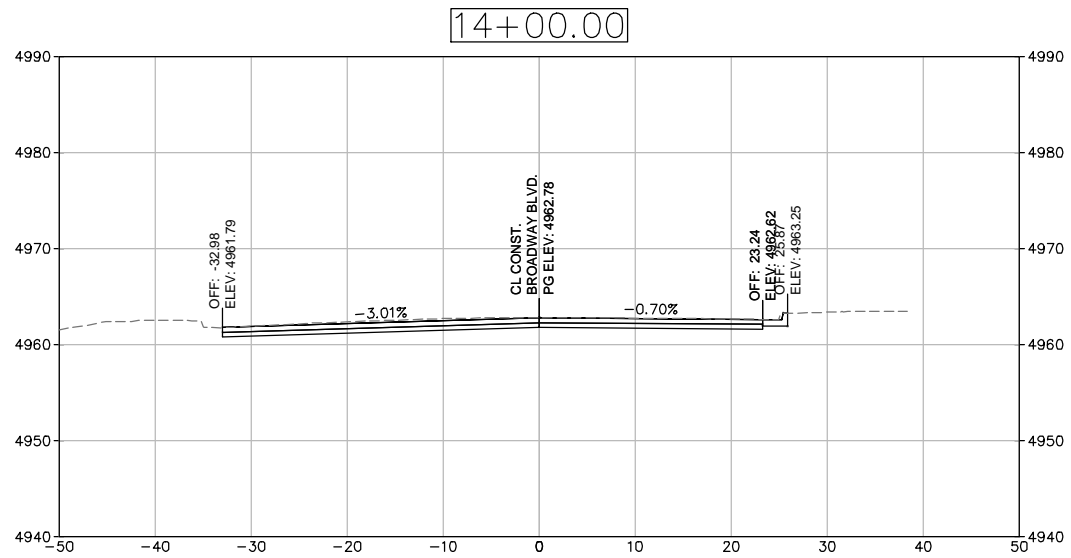
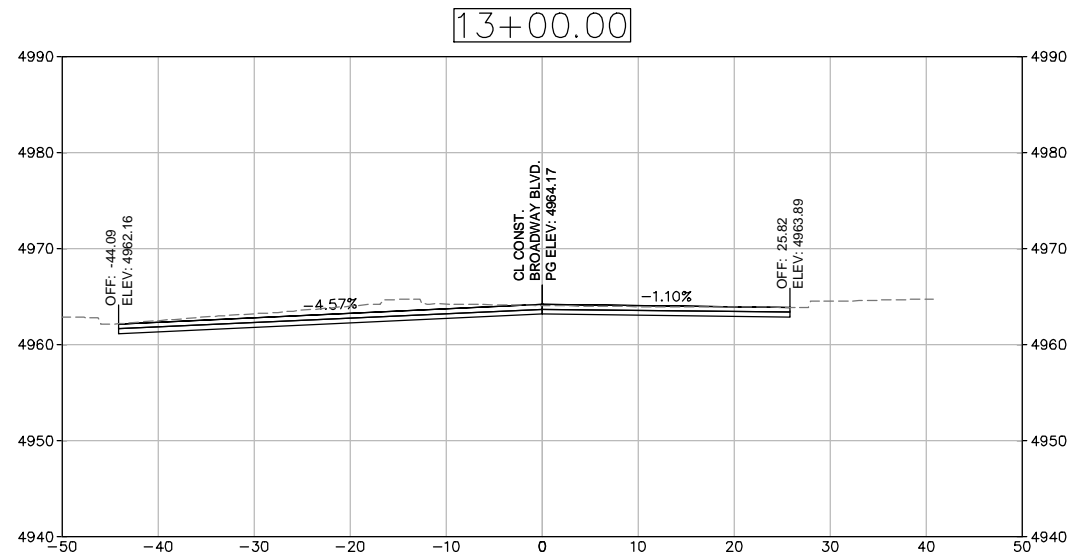
WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.0387
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
ROADWAY CROSS SECTIONS

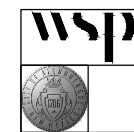
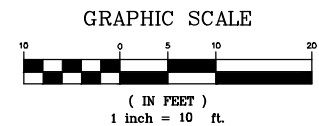
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13-1	

ENGINEER'S SEAL
 60% SUBMITTAL
 NOT FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK,	INSPECTED BY	DATE
			THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS	DATE
				CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



- NOTES:
 1. CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 2. RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



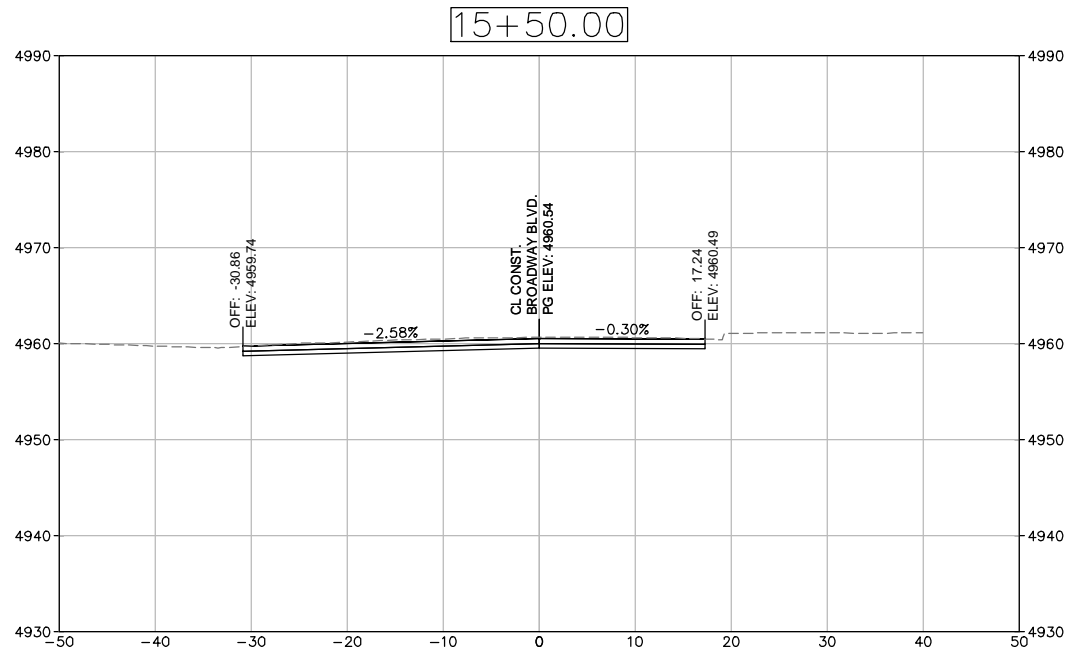
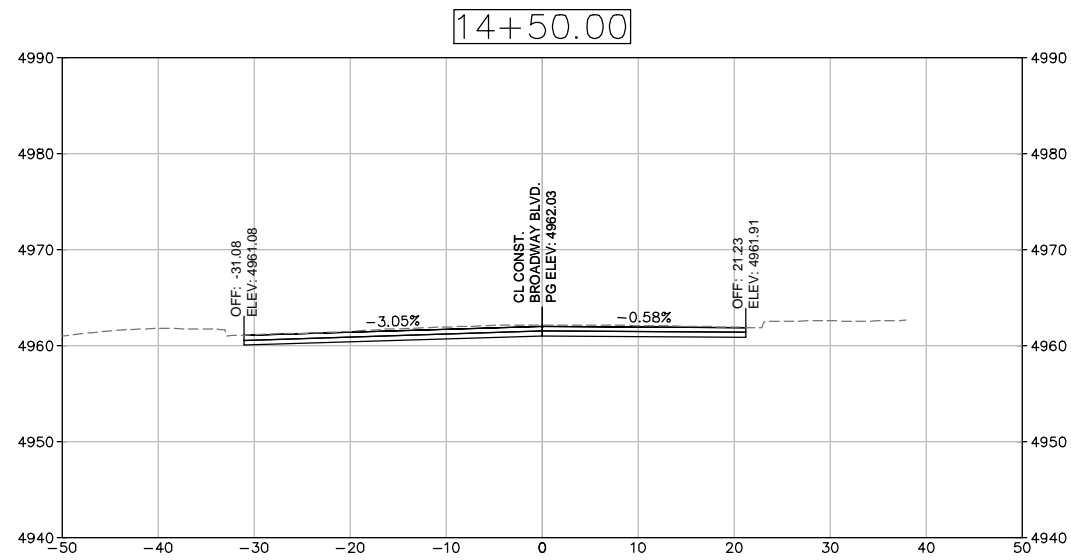
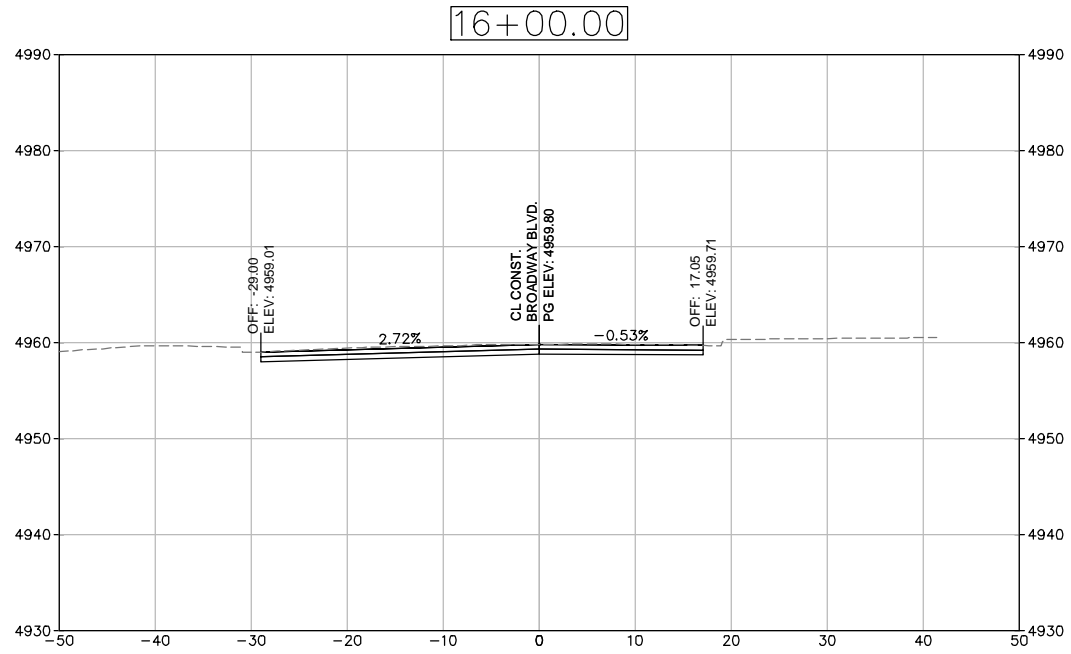
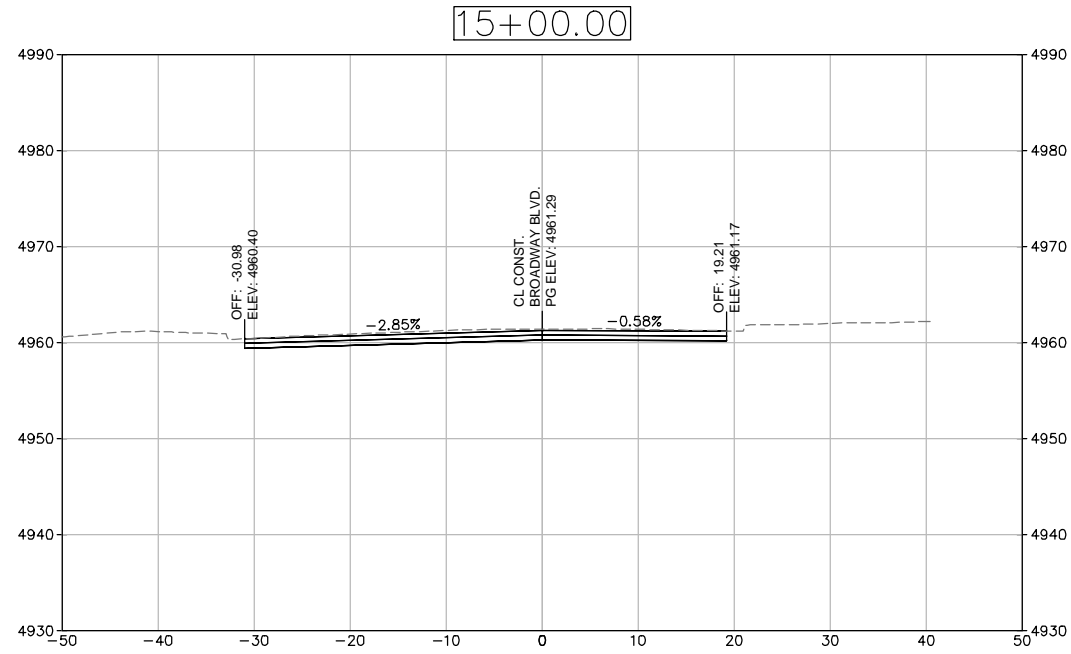
WSP USA Inc.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.0387
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 ROADWAY CROSS SECTIONS

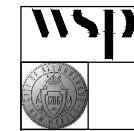
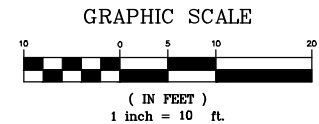
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13-2	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK INSPECTED BY	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK,	ACCEPTANCE BY	DATE
			THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



- NOTES:
 1. CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 2. RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



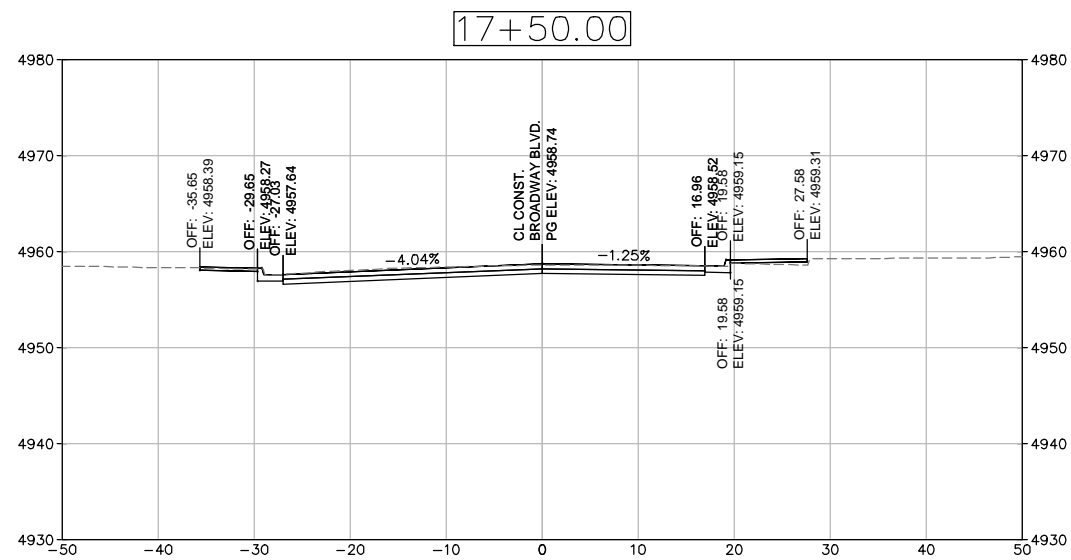
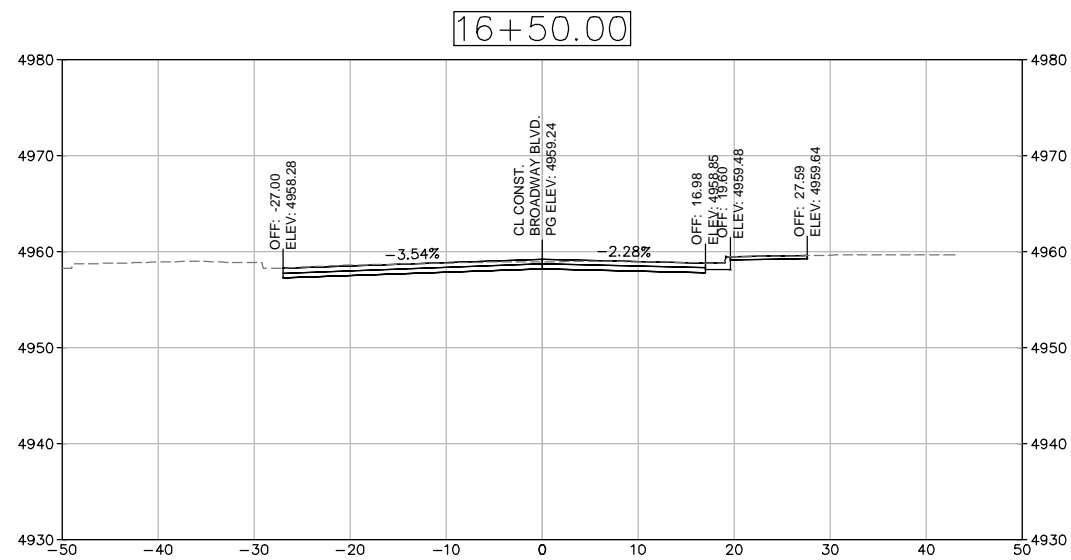
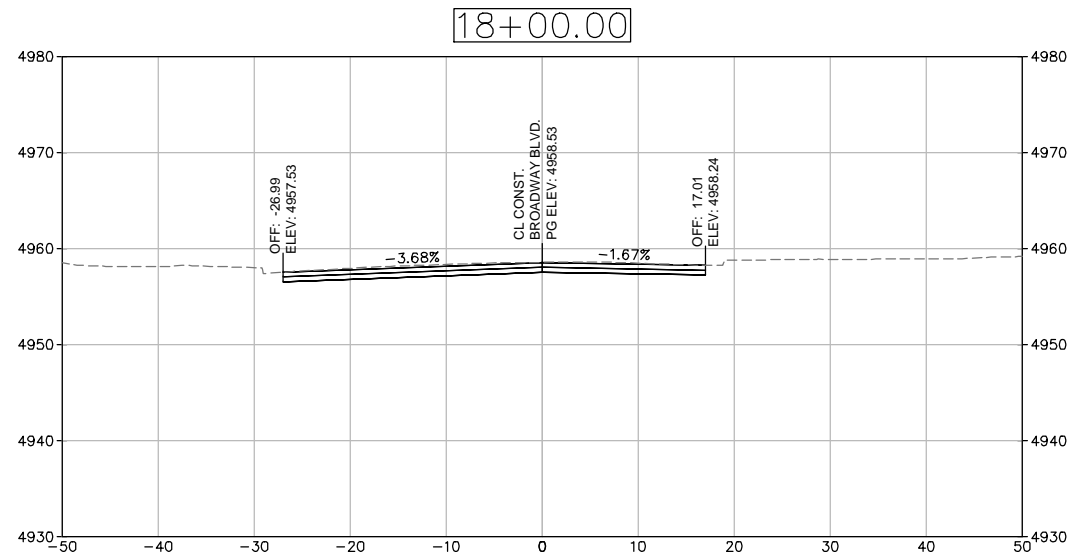
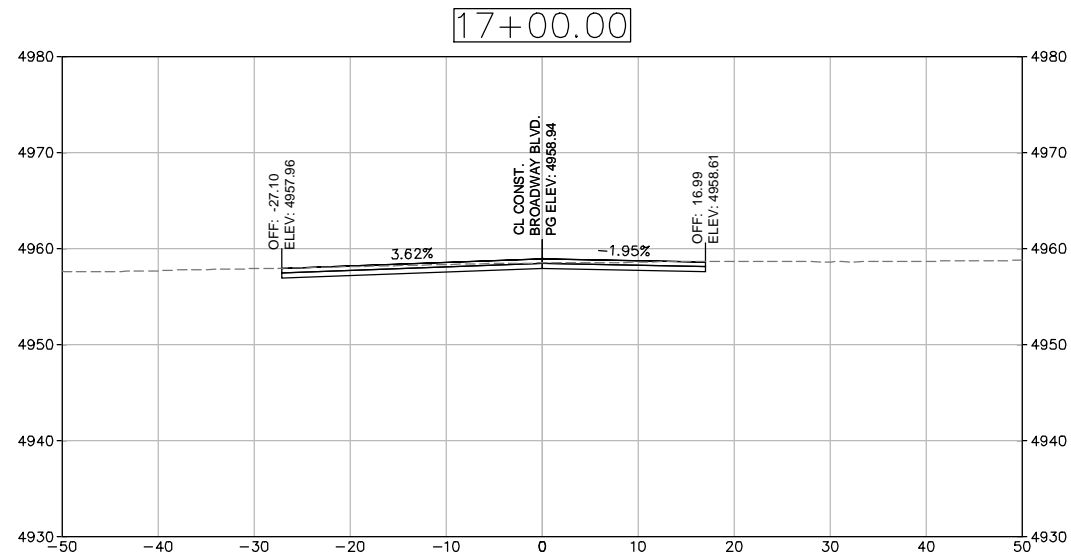
WSP USA Inc.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.0387
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 ROADWAY CROSS SECTIONS

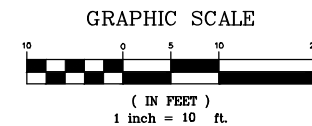
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13-3	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORKED BY	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOCHED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



- NOTES:
 1. CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 2. RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



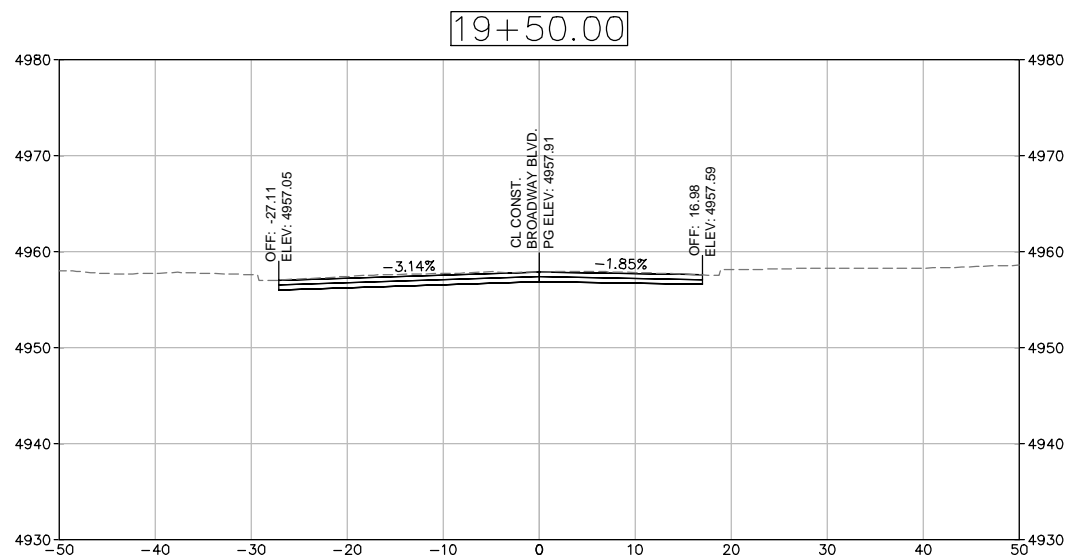
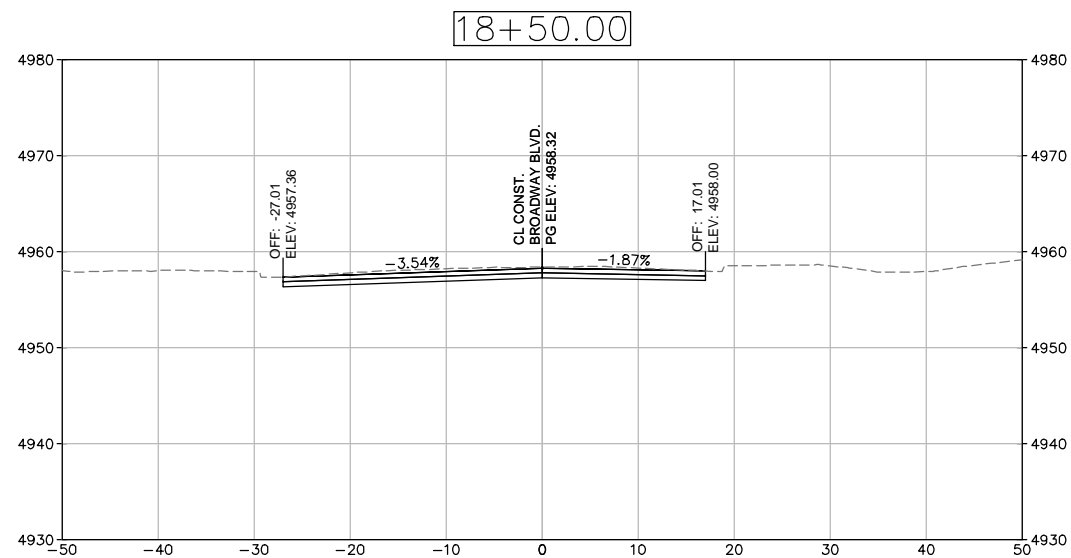
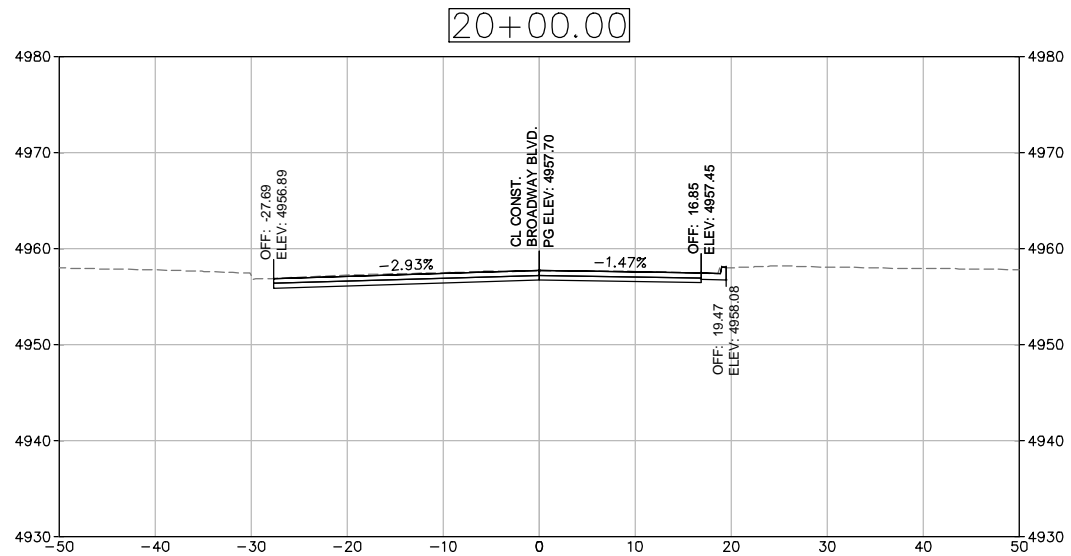
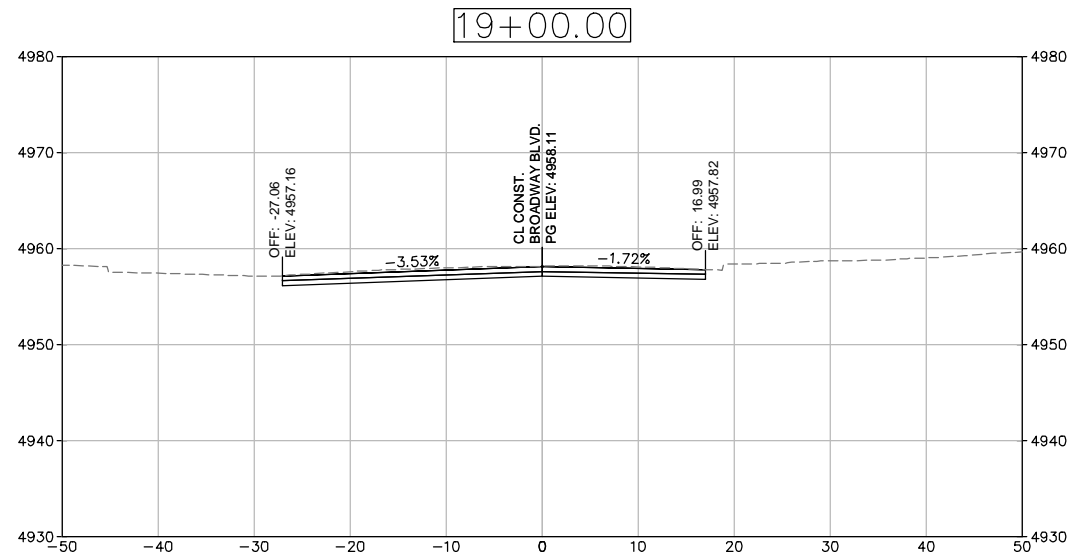
WSP USA Inc.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.0387
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 ROADWAY CROSS SECTIONS

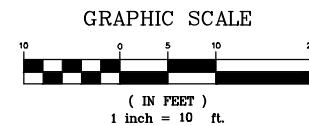
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13 - 4	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK PERFORMED BY	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



- NOTES:
- CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 - RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



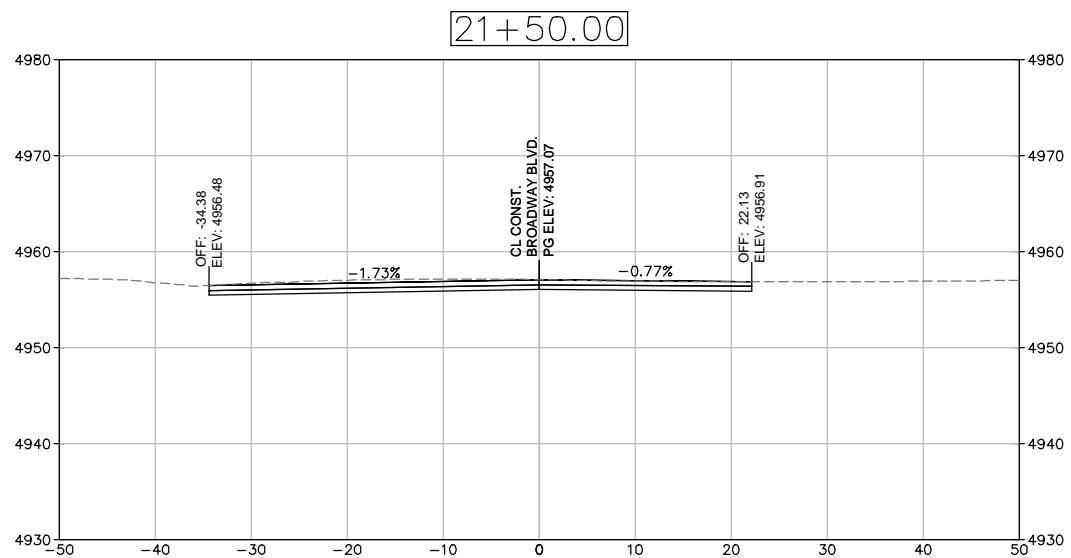
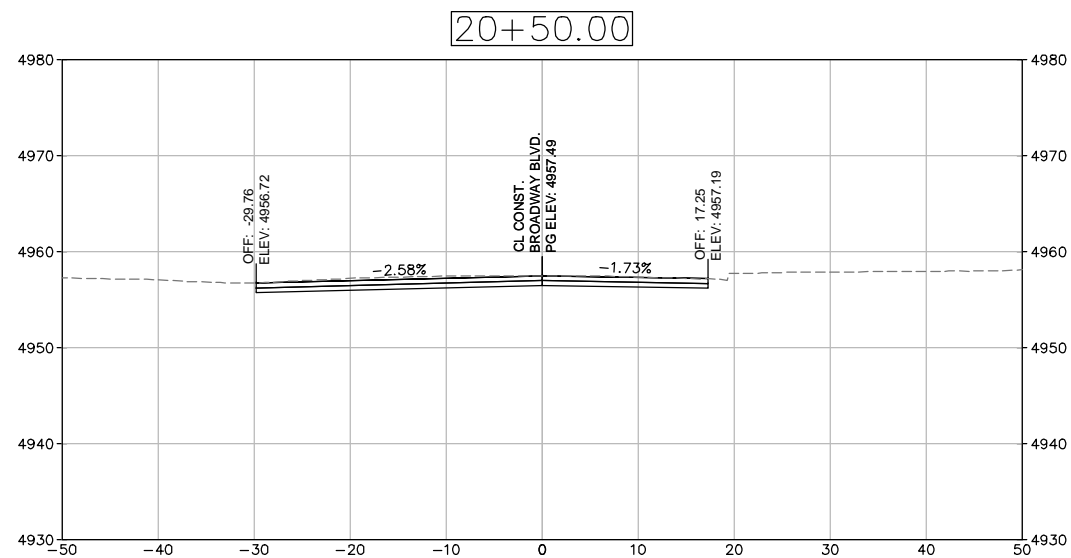
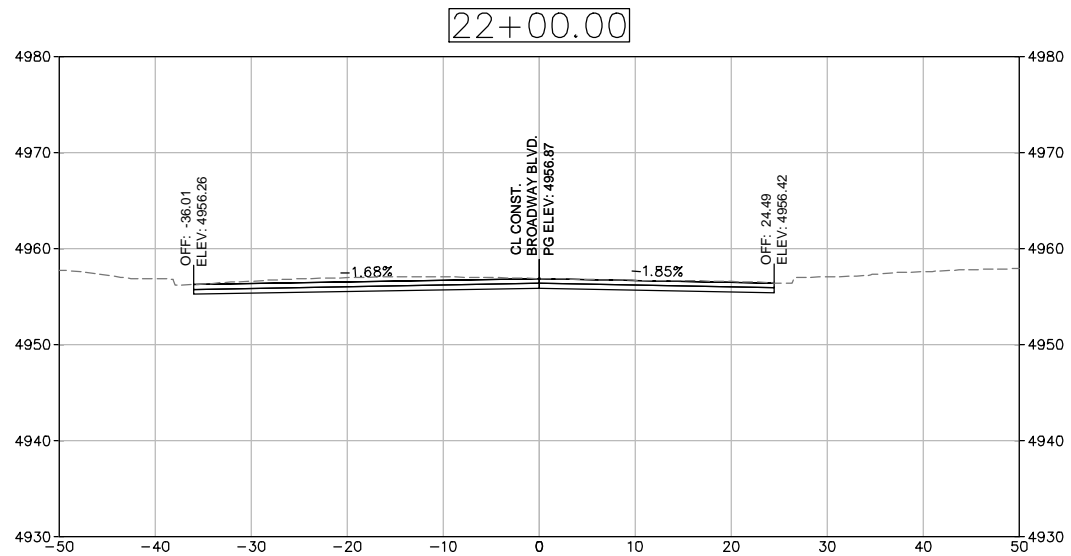
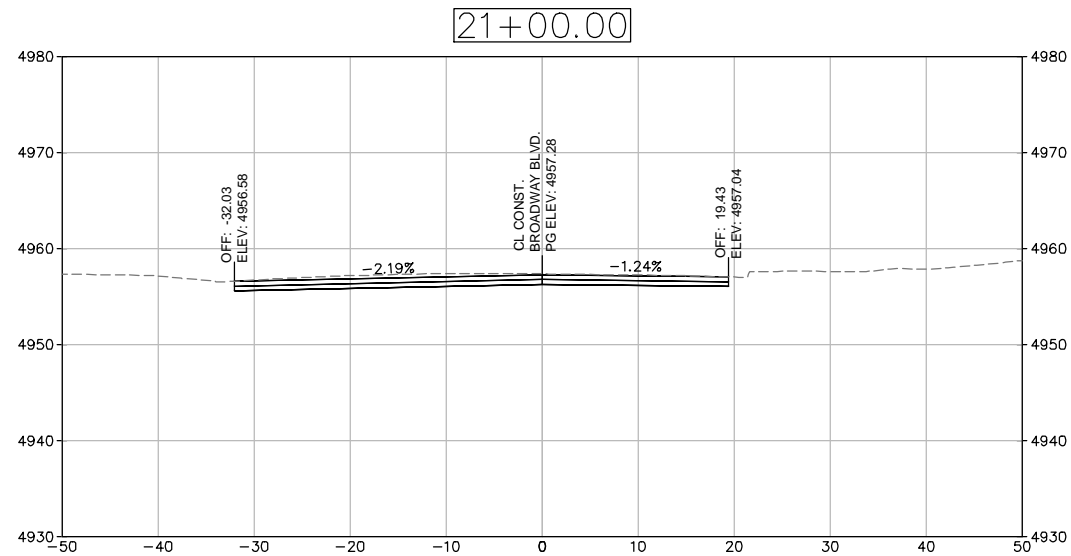
WSP USA Inc.
2440 LOUISIANA BLVD. NE
SUITE 400
ALBUQUERQUE, NM 87110
TEL: +1 505.881.0387
WWW.WSP.COM

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION
BROADWAY BLVD. RECONSTRUCTION
COAL AVE. TO LOMAS BLVD.
ROADWAY CROSS SECTIONS

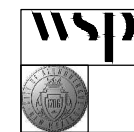
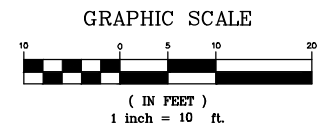
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13-5	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK PERFORMED BY	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK, STAMPED "ACS BM, 22-K14", EPOXYED ON TOP OF THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



- NOTES:
 1. CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 2. RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



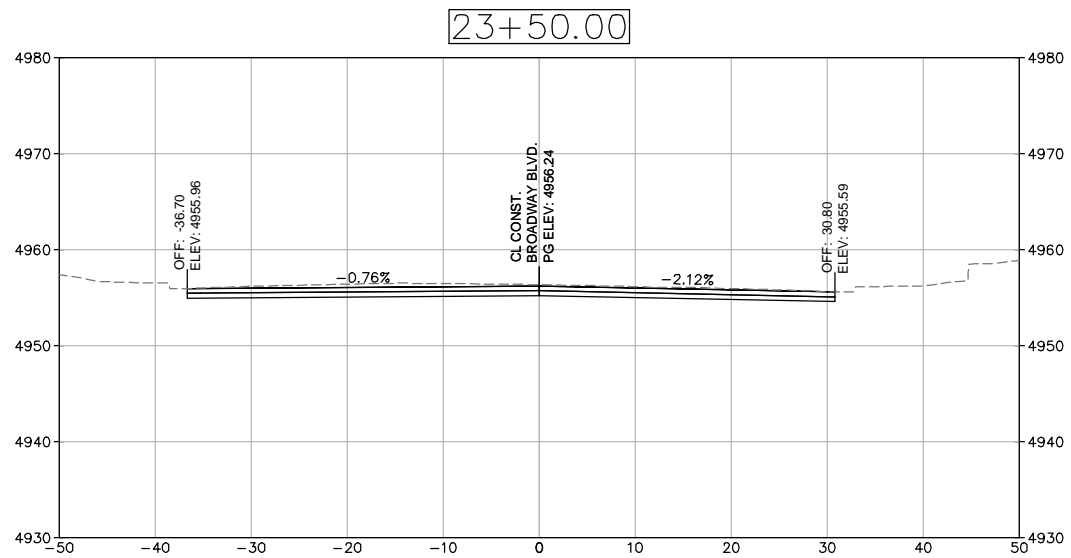
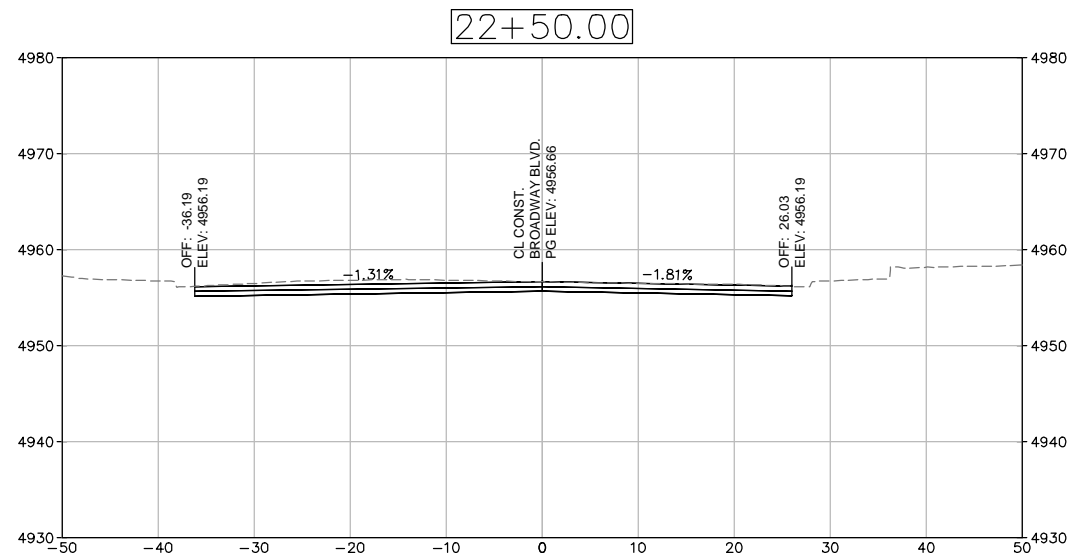
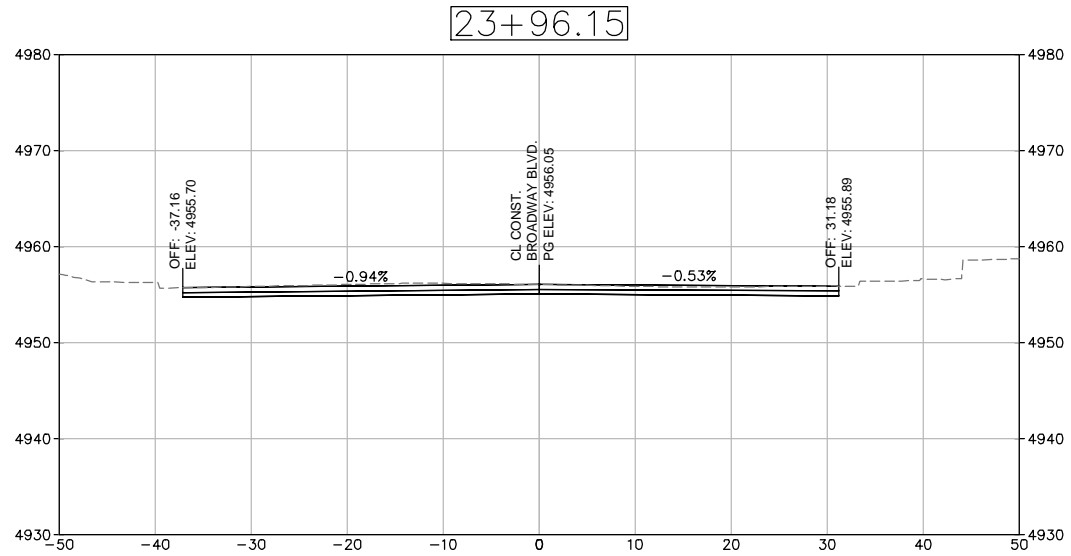
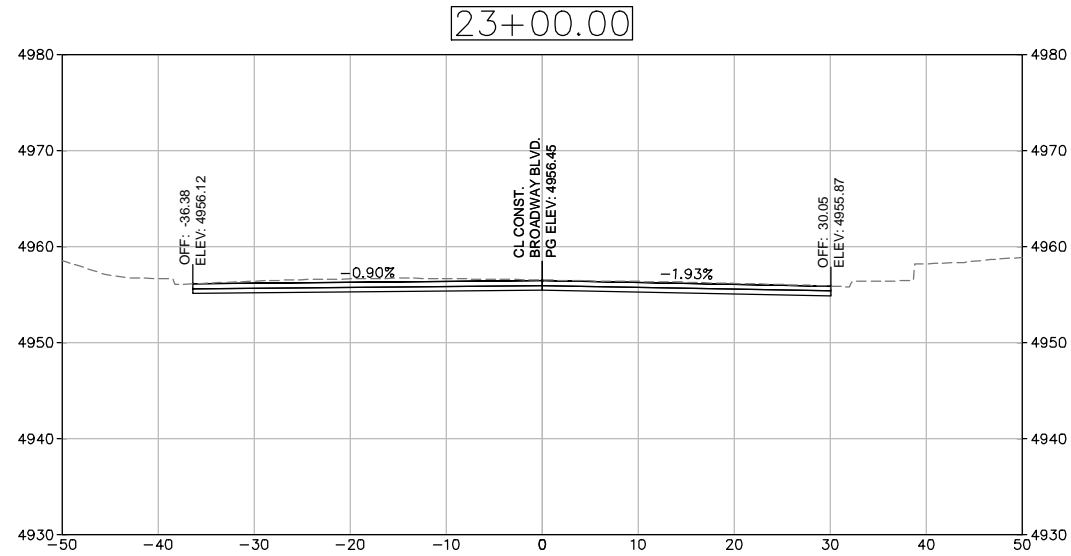
WSP USA Inc.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.0387
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 ROADWAY CROSS SECTIONS

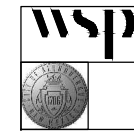
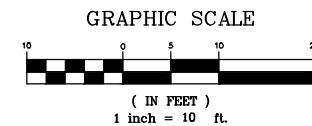
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13-6	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK PERFORMED BY	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK,	INSPECTOR'S ACCEPTANCE BY	DATE
			THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.



- NOTES:
 1. CROSS SECTIONS ARE PROVIDED FOR REFERENCE ONLY
 2. RAISED MEDIANS ARE NOT MODELED FOR CROSS SLOPE CLARITY.



WSP USA Inc.
 2440 LOUISIANA BLVD. NE
 SUITE 400
 ALBUQUERQUE, NM 87110
 TEL: +1 505.881.0387
 WWW.WSP.COM

CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT
 ENGINEERING DIVISION
 BROADWAY BLVD. RECONSTRUCTION
 COAL AVE. TO LOMAS BLVD.
 ROADWAY CROSS SECTIONS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
City Project No. COA: 6319.96	Zone Map No. K14, J14	Sheet 13-7	

ENGINEER'S SEAL
 NOT FOR SUBMITTAL
 FOR CONSTRUCTION

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK PERFORMED BY	DATE
			A CITY OF ALBUQUERQUE 1" ALUMINUM DISK,	INSPECTOR'S ACCEPTANCE BY	DATE
			THE CONCRETE CURB RETURN, NNE QUADRANT OF BROADWAY BLVD. & GRAND AVE. NE.	VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	NO.