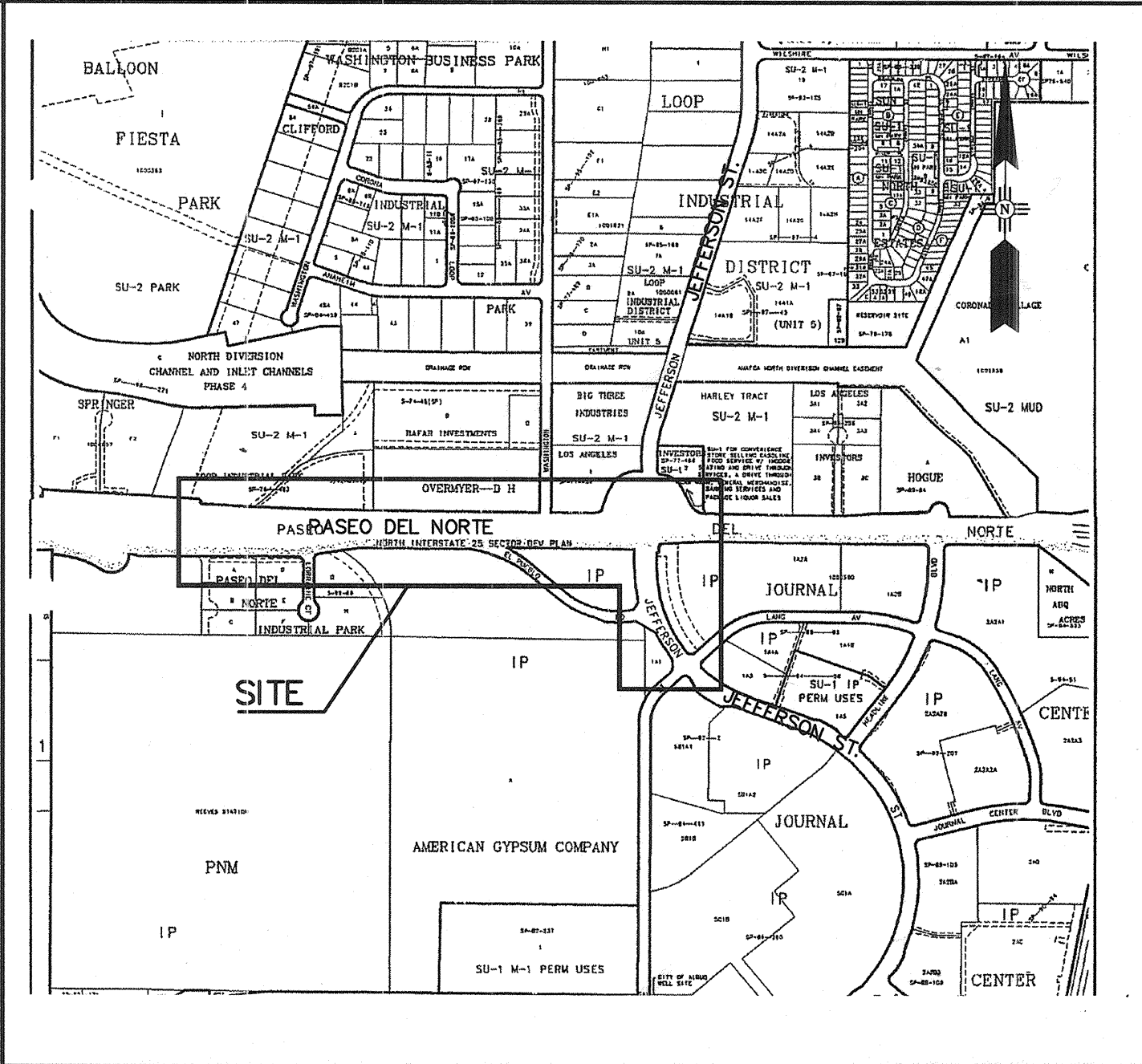


CITY OF ALBUQUERQUE, NEW MEXICO
DEPARTMENT OF MUNICIPAL DEVELOPMENT

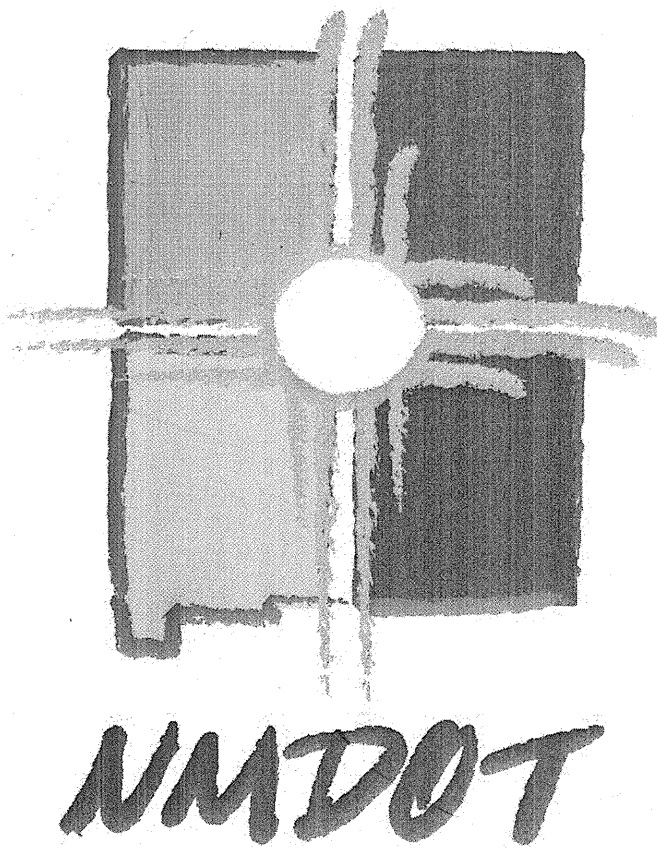
CONSTRUCTION PLANS FOR IMPROVEMENTS TO
PASEO DEL NORTE AND JEFFERSON ST.
STA 10+00 TO STA 22+04.42 STA 10+00 TO STA 18+00.00



VICINITY MAP
ZONE ATLAS: C-17, D-17



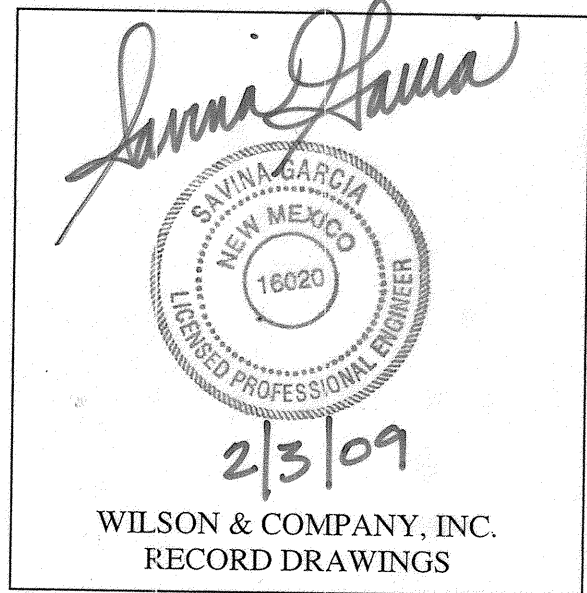
COA PROJECT NO. 7713.82



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26 of 26	TRAFFIC CONTROL PLAN – JEFFERSON ST.

CERTIFICATION:
THESE DRAWINGS HAVE BEEN REVISED IN
ACCORDANCE WITH THE INFORMATION
FURNISHED BY THE CONTRACTOR A.S. HORNER
TO REFLECT THE CONSTRUCTION AS ACTUALLY
ACCOMPLISHED.



WILSON & COMPANY
4900 LANG AVE., NE
SUITE 100
ALBUQUERQUE, NEW MEXICO 87109

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>[Signature]</i>	2/7/08	APPROVED FOR CONSTRUCTION		
		Transportation	<i>[Signature]</i>	2/6/08			
		Water/Wastewater	<i>[Signature]</i>	2-6-08			
		Hydrology	<i>[Signature]</i>	2-6-08			
		C.I.P.	N/A				
		Const. Coord.	N/A				
		NMUI	N/A		<i>[Signature]</i> 2-07-08 City Engineer Date		
		AMAFCA	N/A				
		City Project No.				SHEET NO.	
		7713.82				1 of 26	

SYMBOL LEGEND

PROPOSED	EXISTING	DESCRIPTION
		CONCRETE
		COLORED PATTERNED CONCRETE
---		SLOPE LIMITS
	----	RIGHT-OF-WAY
		NAIL & SHINER
		BOLLARD
		CONTROL POINT
		T-RAIL
		REBAR/PIPE
		SINGLE POST SIGN
		DOUBLE POST SIGN
		GUY WIRE
		WOOD POST
		TREE (3" TYPICAL UNLESS NOTED)
		BUSH
		POWER POLE
		SPRINKLER
		LIGHT POLE
		J-BOX
		WATER VALVE
		REFLECTOR
		ELECTRIC METER
		TRAFFIC LIGHT
		BENCH
		TRAFFIC CONNECTION BOX
		TRAFFIC CONTROL BOX
		TELEPHONE RISER
		ELECTRIC BOX
		ELECTRIC SPLICE BOX
		CABLE TV BOX
		SPRINKLER CONTROL BOX
		WATER METER
		MAIL BOX
		FIRE HYDRANT
		DROP INLET
		GATE
		CABLE TV MANHOLE
		STORM DRAINAGE MANHOLE
		SANITARY AND SEWER MANHOLE
		TELEPHONE MANHOLE
		ELECTRIC MANHOLE
		CURB AND GUTTER
		SIDEWALK
		UNDERGROUND GAS LINE
		UNDERGROUND TELEPHONE LINE
		UNDERGROUND FIBER OPTICS LINE
		UNDERGROUND WATERLINE
		UNDERGROUND CABLE TELEVISION LINE
		UNDERGROUND ELECTRIC LINE
		OVERHEAD ELECTRIC LINE
		UNDERGROUND SANITARY SEWER LINE
		UNDERGROUND STORM DRAIN LINE
		WIRE FENCE
		PIPE FENCE
		WOOD FENCE
		BLOCK WALL
		UNDERGROUND CONDUIT

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WILSON
& COMPANY

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS SYMBOL LEGEND AND UTILITY CONTACT LIST			
Design Review Committee	City Engineer Approval	Last Design Update	
 FEB 07 2008 DESIGN REVIEW COMMITTEE	 FEB 07 2008 CITY ENGINEER	Mo./Day/Yr. DESIGNED BY: SGG DRAWN BY: ELO CHECKED BY: SFP	
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	2	26

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE NO. 7 AND AMENDMENT NO. 1 DATED 08/19/2005.

2. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.

3. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION.

4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, (505) 260-1990, FOR LOCATION OF EXISTING UTILITIES.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT THEIR OWN EXPENSE, ALL PERMITS NECESSARY FOR CONSTRUCTION.

6. ALL WORK IMPACTING AN ARTERIAL ROADWAY WILL REQUIRE 24-HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON.

7. 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.

8. PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND IS PROHIBITED WITHIN THE CLEAR ZONE DAY OR NIGHT.

9. THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 24 FEET FROM THE EDGE OF DRIVING LANE. 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 PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.

10. THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION (ANDREW GALLEGOS AT 857-8004) AND TONY ABBO, NMDOT DISTRICT 3 TRAFFIC ENGINEER (841-2761) THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED, OR REINSTALLED.

11. WHEN EXISTING TRAFFIC SIGNALS ARE TURNED OFF, THE CONTRACTOR SHALL HAVE AN OFF-DUTY POLICE OFFICER DIRECT TRAFFIC. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL PAYMENT WILL BE MADE.

12. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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.

13. THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT OF WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.

14. 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.

15. THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO INITIATING ANY WORK AFFECTING PEDESTRIANS. 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 36" CLEAR PATH FOR PEDESTRIANS SO AS TO MEET ADA ACCESSIBILITY REQUIREMENTS.

16. 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 MANAGER THROUGHOUT THE PROJECT AND WILL BE REVISED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER AND THE NMDOT PRIOR TO FINAL PAYMENT.

17. CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT FROM NMDOT DISTRICT 3 PRIOR TO BEGINNING ANY WORK. CALL 841-2700 FOR PERMIT APPLICATION. CONTRACTOR MUST SUBMIT APPLICATION FOR PERMIT AT LEAST 5 WORKING DAYS BEFORE WORK IS SCHEDULED TO BEGIN. SEE SHEET 25 OF 29 FOR ADDITIONAL REQUIREMENTS. CONTACT CHRISTINA BAHL AT 841-2778.

18. 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.

19. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY WITH THE FINISHED PAVEMENT ELEVATIONS.

20. ALL RADII OF CURB RETURNS ARE SHOWN TO THE FACE OF CURB AND, UNLESS OTHERWISE NOTED, ALL OFFSETS AND DIMENSIONS ARE TO THE FACE OF CURB. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER WITH EXISTING CURB AND GUTTER.

21. EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLAN AND PROFILE SHEETS ARE APPROXIMATE.

22. WHERE PULL BOXES ABUT THE BACK OF CURB OR ARE LOCATED IN A CONCRETE PAVED AREA, PROVIDE 3/4" EXPANSION MATERIAL AROUND THE PULL BOX. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.

23. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.

24. 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 COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.

25. WHEN APPEARING IN ANY PORTION OF THIS CONTRACT, THE WORDS "PLANT MIX BITUMINOUS PAVEMENT" (PMBP) WILL HAVE THE SAME MEANING AS AND MAY BE USED INTERCHANGEABLY WITH THE WORDS "ASPHALT CONCRETE".

26. THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION EASEMENT LIMITS. THE WORK SHALL BE AS DIRECTED BY THE PROJECT MANAGER.

27. THE SUBGRADE PREP SHALL EXTEND ONE (1) FOOT BEYOND THE FREE EDGE OF NEW SIDEWALK.

28. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REMOVE AND REPLACE AS PER COA (ON JEFFERSON ST.) OR NMDOT (ON PASEO DEL NORTE) STANDARDS, AS APPLICABLE, AT THEIR OWN EXPENSE.

29. MILLED BITUMINOUS CONCRETE PAVEMENT WILL BE STOCKPILED FOR THE CITY AT THE BALLOON FIESTA FIELD PARK. CONTACT STREET MAINTENANCE (857-8025) FOR FURTHER DETAILS. ANY HAUL COSTS ASSOCIATED WITH THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT.

30. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO NEAREST JOINT.

31. 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. ANY HAUL COSTS ASSOCIATED WITH THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT.
32. LUMINAIRES, SIGNAL ITEMS, AND SIGNING FROM THIS PROJECT ARE TO BE HAULED AND STOCKPILED AT THE CITY OF ALBUQUERQUE PINO YARDS OR NMDOT DISTRICT 3 AS DIRECTED BY THE PROJECT MANAGER. HAUL OF SUCH MATERIAL SHALL BE PERFORMED DURING NORMAL WORKING HOURS AS DIRECTED BY THE PROJECT MANAGER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR EACH SALVAGE ITEM.

33. ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AS APPLICABLE.

34. ANY EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.

35. A SHRINKAGE FACTOR OF 10% SHALL BE APPLIED TO COMPENSATE FOR THE CHANGE IN MATERIAL VOLUME FOR CUT TO FILL SECTIONS. EARTHWORK QUANTITIES ARE BASED ON THIS SHRINKAGE FACTOR FOR ROADWAY EMBANKMENT..

36. STRUCTURAL FILL FOR EMBANKMENTS, PAVEMENTS, AND STRUCTURES SHALL BE PLACED IN LIFTS THAT, FOLLOWING COMPACTION, DO NOT EXCEED 8". FILLS SHALL BE COMPACTED AT MOISTURE CONTENTS WITHIN +/- 2% OF OPTIMUM MOISTURE CONTENT. SELECT STRUCTURAL FILL AROUND CULVERTS AND OTHER STRUCTURES SHOULD BE COMPACTED, USING HAND OPERATED COMPACTION EQUIPMENT AND IN LIFTS NOT EXCEEDING 4", TO THE DENSITY AND MOISTURE CONTENT SPECIFIED ABOVE. THE UPPER 12" OF ROADBEDS SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY (ASTM 1557).

37. 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 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. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING AND EXPOSING OF EXISTING UTILITIES (POTHOLING) TO CONFIRM SIZE, LOCATION, ETC. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT.

38. 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.

39. THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATION WORK AND/OR NEW CONSTRUCTION OF UTILITIES WILL HAVE TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH PROJECT CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS. A LIST OF CONTACT NAMES IS PROVIDED ON SHEET 2 OF 29. A UTILITY COORDINATION MEETING SHALL BE SET UP BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANY CONSTRUCTION ACTIVITY. COORDINATION OF UTILITY RELOCATION/NEW CONSTRUCTION SHALL BE DETAILED AT THIS MEETING.

40. THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.

41. THE ABCWUA (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.

42. THE CONTRACTOR SHALL ADJUST TO GRADE ALL WATER VALVE BOXES, SANITARY SEWER MANHOLES AND STORM DRAIN MANHOLES WHICH MAY BE AFFECTED BY THIS CONTRACT.

43. SHOULD NON-COPPER WATER SERVICES BE ENCOUNTERED DURING CONSTRUCTION CONTRACTOR SHALL REPLACE ENTIRE SERVICE LINE FROM MAIN TO METER WITH SAME SIZE COPPER TUBING. NO SPLICES ARE ALLOWED IN SERVICE LINE.

44. WATER SERVICE LINES MUST BE REPLACED FROM MAIN TO METER WHEN RELOCATION OF WATER METER REQUIRES EXTENSION OF THE SERVICE LINE. PAYMENT FOR THIS WORK IS CONSIDERED INCLUDED IN THE COST OF THE WATER METER RELOCATION AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR. NO SPLICES ARE ALLOWED IN SERVICE LINE

45. RELOCATION OF WATER METER BOXES SHALL REQUIRE NEW METER BOXES. OLD METER BOXES SHALL NOT BE REUSED.

46. WHERE MEDIAN CURB & GUTTER ENCOUNTERS STORM DRAIN INLETS, CONTRACTOR SHALL TRANSITION 6" TALL MEDIAN CURB & GUTTER TO MATCH INLET HEIGHT OVER 5 LF (BEFORE AND AFTER). PAYMENT FOR THIS WORK IS CONSIDERED AS INCLUDED IN THE COST OF THE MEDIAN CURB & GUTTER AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.

47. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

48. ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE NO. 7.

49. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF DEBRIS, INCLUDING BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.

50. PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT THERMOPLASTIC (120 MIL THICKNESS) IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

51. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

52. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.

53. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE AND NMDOT.

54. THE CONTRACTOR SHALL ADHERE TO THE NMDOT PAVEMENT DROP-OFF POLICY FOR THIS PROJECT. IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE MEASURES TO PREVENT ABRUPT PAVEMENT CHANGES. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

55. THE WORKING HOURS FOR CONSTRUCTION OF THIS PROJECT ARE AS FOLLOWS: NIGHTIME CONSTRUCTION (8:00 PM TO 5:30 AM) WORK ITEMS THAT DO NOT INVOLVE A LANE CLOSURE MAY BE COMPLETED FROM 9 AM TO 3 PM.


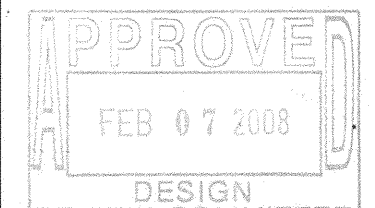

56. CONTRACTOR SHALL NOTIFY STATE PUBLIC INFORMATION OFFICER (PHIL GALLEGOS, NMDOT AT 841-2764) OF WORK START DATE THREE WORKING DAYS PRIOR TO BEGINNING.

57. TWO PORTABLE MESSAGE SIGNS SHALL BE PLACED ON PASEO DEL NORTE (EASTBOUND AND WESTBOUND) AND ONE PORTABLE MESSAGE SIGNS SHALL BE PLACED ON JEFFERSON (NORTHBOUND) TO ANNOUNCE THE START OF THE PROJECT AND TO COMMUNICATE WORK ACTIVITIES.

ELC GADD MASTER

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WILSON
& COMPANY

				CITY OF ALBUQUERQUE			
				DEPARTMENT OF MUNICIPAL DEVELOPMENT			
				TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS							
GENERAL NOTES							
Design Review Committee		City Engineer Approval		Last Design Update		Mo./Day/Yr.	
							
City Project No.		Zone Map No.		Sheet		Of	
7713.82		C-17,D-17		3		26	

SUMMARY OF QUANTITIES




ITEM ID NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT
	CONSTRUCTION ENGINEERING		
4.010	CONSTRUCTION STAKING & SURVEYING, PROJECT AS-BUILTS, COMPLETE.	1	LS
6.010	MOUNTING, INSTALLATION & MAINTENANCE OF PROJECT IDENTIFICATION SIGN, INCL. PLYWOOD, POSTS, AND FOUNDATIONS, CIP.	4	EACH
6.050	CONSTRUCTION MOBILIZATION, COMPLETE.	1	LS
6.060	CONSTRUCTION DEMOBILIZATION, COMPLETE.	1	LS
19.010	CONSTRUCTION TRAFFIC CONTROL & BARRICADING, COMPLETE.	1	LS
630.001	NPDES COMPLIANCE, COMPLETE.	1	LS
	ROADWAY		
414130	COLD MILLING (BITUMINOUS) 3"	6,150	SY
422250	PLANT MIX BITUMINOUS PAVEMENT (PMBP) SP-III, 3" LIFT, MATERIAL AND PLACEMENT, COMPL.	9,465	SY
202.010	EXCAVATE AND DISPOSE OF UNCLASSIFIED MATERIAL FOR ROADWAYS, COMPL.	500	CY
301.020	SUBGRADE PREP. 12" @ 95% COMPACTION, CIP.	1,105	SY
302.000	AGGREGATE BASE COURSE CRUSHED, 9" @ 95% COMPACTION, CIP.	1,105	SY
336.010	PRIME COAT, EMULSIFIED ASPHALT, CIP.	1,105	SY
336.120	TACK COAT, CATIONIC EMULSIFIED ASPHALT, CIP.	9,465	SY
340.060	CURB & GUTTER, MEDIAN, PCC, INCL. SUBGRADE PREP., CIP. SD 2415	180	LF
608404	CONCRETE MEDIAN PAVEMENT 4" (COLORED AND PATTERNED)	351	SY
609318	CONCRETE MOUNTABLE CURB & GUTTER, 6"X18"	550	LF
609324	CONCRETE MOUNTABLE CURB & GUTTER, 6"X24"	580	LF
609462	CONCRETE BARRIER CURB & GUTTER, 8"X32"	120	LF
346.110	TEXTURED MEDIAN PAVEMENT, 4" THICK, COLORED PCC, INCL. SUBGRADE COMPACTION, CIP	12	SY
	PERMANENT SIGNING & STRIPING		
441.001	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 4" WIDTH, CIP.	4,900	LF
441.002	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 6" WIDTH, CIP.	100	LF
441.004	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 12" WIDTH, CIP.	300	LF
441.005	REFLECTORIZED PLASTIC PAVEMENT MARKINGS, 24" WIDTH, CIP.	50	LF
441.010	REFLECTORIZED PLASTIC ARROW, LEFT OR RIGHT, CIP	16	EACH
441.020	REFLECTORIZED PLASTIC WORD, ONLY, CIP	8	EACH
450.001	ALUMINUM PANEL SIGN, CIP.	22	SF
450.010	SQUARE TUBE STEEL POSTS & BASE POSTS FOR ALUMINUM PANEL SIGN, CIP.	45	LF
450.102	SIGN, POST, & BASE POST, REMOVE & RELOCATE, COMPL	2	EACH
450.103	SIGN, POST, & BASE POST, REMOVE & SALVAGE, COMPL	6	EACH

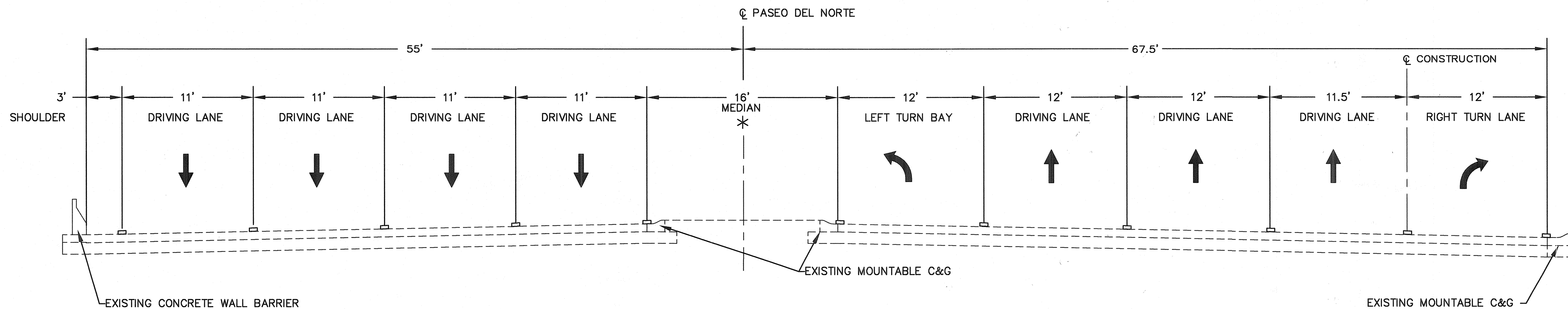
ITEM ID NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT
	TRAFFIC SIGNALS AND LIGHTING		
422.111	TRAFFIC SIGNAL MASTARM, ANY SIZE, REMOVE & DISPOSE, COMPL	1	EA
422.018	TRAFFIC SIGNAL MASTARM, 35' ARM, TYPE II, TROMBONE, CIP	1	EACH
423.002	TRAFFIC SIGNAL MASTARM FOUNDATION, CIP.	1	EACH
423.101	TRAFFIC SIGNAL FOUNDATION FOR MASTARM, REMOVE & DISPOSE, COMPL.	1	EACH
424.006	ELECTRICAL CONDUIT, 2", INCL. TRENCHING, BACKFILL, PATCHING, PUSHING, BORING & JACKING, CIP	175	LF
425.002	ELECTRICAL PULL BOX, STANDARD, CIP.	4	EACH
426.004	SINGLE CONDUCTOR, #8, CIP	20	LF
426.010	MULTI-CONDUCTOR CABLE, #5, CIP	45	LF
426.011	MULTI-CONDUCTOR CABLE, #7, CIP	75	LF
426.014	MULTI-CONDUCTOR CABLE, #20, CIP	180	LF
427.002	3 SECTION TRAFFIC SIGNAL ASSEMBLY, CIP	3	EACH
427.004	5 SECTION TRAFFIC SIGNAL ASSEMBLY, CIP	1	EACH
427.024	PEDESTRIAN SIGNAL, LED, WITH COUNTDOWN, CIP.	2	EACH
427.031	3 SECTION BACKPLATE, CIP	2	EACH
428.010	PUSH BUTTON STATION, CIP	2	EACH
428.075	OPTICAL DETECTOR ID/IC, CIP	1	EACH
428.078	OPTICAL DETECTOR CABLE, CIP	435	LF
428.092	VIDEO COAXIAL CABLE, CIP	425	LF
428.093	VIDEO POWER CABLE, CIP	425	LF
428.094	VIDEO CAMERA, CIP	1	EACH
511000	STRUCTURAL CONCRETE CLASS A	3	CY
540060	REINFORCING BARS, GRADE 60	190	LBS
706350	POWER SERVICE INSTALLATION	1	EACH
707540	TYPE V STANDARD, 40 FT	2	EACH
709020	RIGID ELECTRICAL CONDUIT 2"	280	LF
710000	ELECTRICAL PULL BOX (STANDARD)	2	EACH
711106	SINGLE CONDUCTOR 6	300	LF
711110	SINGLE CONDUCTOR 10	200	LF
716025	ROADWAY LUMINAIRE TYPE 250S	2	EACH
	REMOVALS		
343.030	EXISTING PAVEMENT, ASPHALT CONCRETE, GREATER THAN 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	700	SY
343.080	EXISTING CURB & GUTTER, PCC, ANY TYPE, REMOVE & DISPOSE, COMPL	1,150	LF
343.085	EXISTING SIDEWALK OR ADA RAMP, 4" PC CONCRETE, REMOVE & DISPOSE, COMPL.	6	SY
443.101	REMOVAL OF PAVEMENT STRIPE BY WATER BLASTING, 4" WIDTH, PAINTED OR PLASTIC, COMPL.	1,000	LF
443.102	REMOVAL OF PAVEMENT STRIPE BY WATER BLASTING, 12" TO 24" WIDTH, PAINTED OR PLASTIC, COMPL.	150	LF

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		NO.	BY	DATE		CONTRACTOR	
				ACS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EPOXYED TO TOP		WORK	
					OF CONCRETE DROP INLET, ENE	INSPECTOR'S	
					QUADRANT OF PASEO DEL NORTE & I-25	ACCEPTANCE BY	
					WEST FRONTAGE ROAD, NE., CENTERED	DATE	
					ON S&D DROP INLET.	DRAWINGS	
						CHECKED BY	
						RECORDED BY	
						DATE	
					(2nd-Order, 1st-Class)	NO.	
					ELEVATION = 5195.103 FT. (NGVD29)		

REVISIONS			
WILSON & COMPANY, ENGINEERS & ARCHITECTS			
DESIGNED BY	DATE	2007	
DRAWN BY	DATE	2007	
CHECKED BY	DATE	2007	
SGG			
ELQ			
SPF			



	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS SUMMARY OF QUANTITIES				
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
				
City Project No.		Zone Map No.	Sheet	Of
7713.82		C-17,D-17	4	26

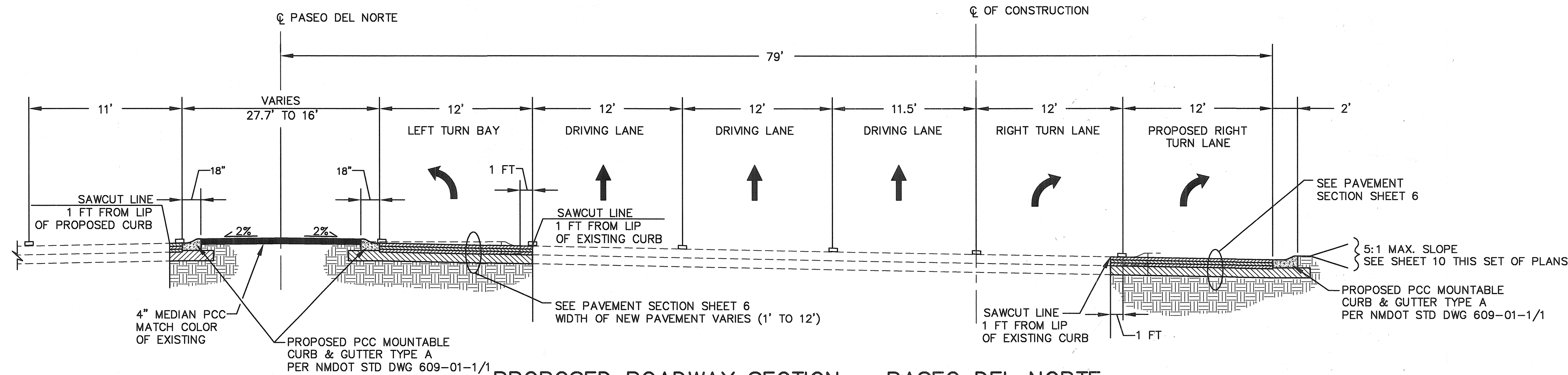


EXISTING ROADWAY SECTION - PASEO DEL NORTE

NTS

STA 10+00 TO STA 18+00

- * STA 10+00 TO STA 13+00 DEPRESSED MEDIAN, NO CURB & GUTTER;
- STA 13+00 TO STA 16+00 PAVED MEDIAN, NO CURB & GUTTER
- STA 16+00 BEGIN EXISTING LEFT TURN BAY



PROPOSED ROADWAY SECTION - PASEO DEL NORTE

NTS

STA 13+77.41 TO STA 17+57.68 - PROPOSED RIGHT TURN LANE

STA 17+57.68 TO STA 18+09.68 - PROPOSED RIGHT TURN LANE WITH BARRIER C&G TYPE C

STA 14+52.15 TO STA 16+12.59 - PROPOSED LEFT TURN BAY EXTENSION

WILSON & COMPANY

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS	
EXISTING & PROPOSED TYPICAL SECTIONS - PDN	
Design Review Committee	City Engineer Approval
APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	APPROVED FEB 07 2008 CITY ENGINEER
City Project No. 7713.82	Zone Map No. C-17,D-17
Sheet 5	Of 26

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5/8" OPEN GRADED FRICTION COURSE
(PASEO DEL NORTE ONLY)

3" PMBP SPIII (PG 76-22)

3" PMBP SPIII (PG 76-22)

3" PMBP SPIII (PG 76-22)

9" BASE COURSE, TYPE I

12" SUBGRADE PREP.

TACK COAT

PRIME COAT

5/8" OPEN GRADED FRICTION COURSE
(PASEO DEL NORTE ONLY)

TACK COAT

3" PMBP SPIII (PG 76-22)

EXISTING PAVEMENT SECTION

CL OF CONSTRUCTION - PASEO DEL NORTE

3' 11' 11' 11' 11' VARIES 46' 2' SHOULDER

PROPOSED DRIVING LANE PROPOSED DRIVING LANE PROPOSED DRIVING LANE PROPOSED RIGHT TURN LANE

1'

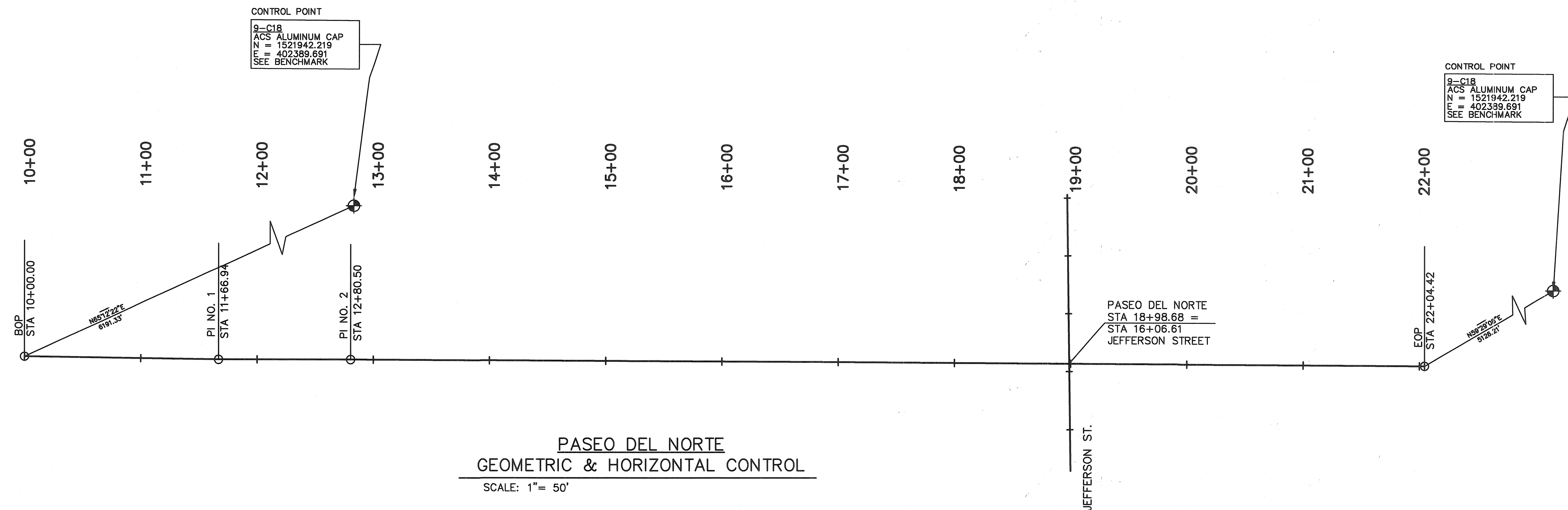
MILL & INLAY - SEE PAVEMENT SECTION THIS SHEET

12' EXISTING DRIVING LANE 12' EXISTING DRIVING LANE 12' EXISTING DRIVING LANE 10' EXISTING SHOULDER

PASEO DEL NORTE

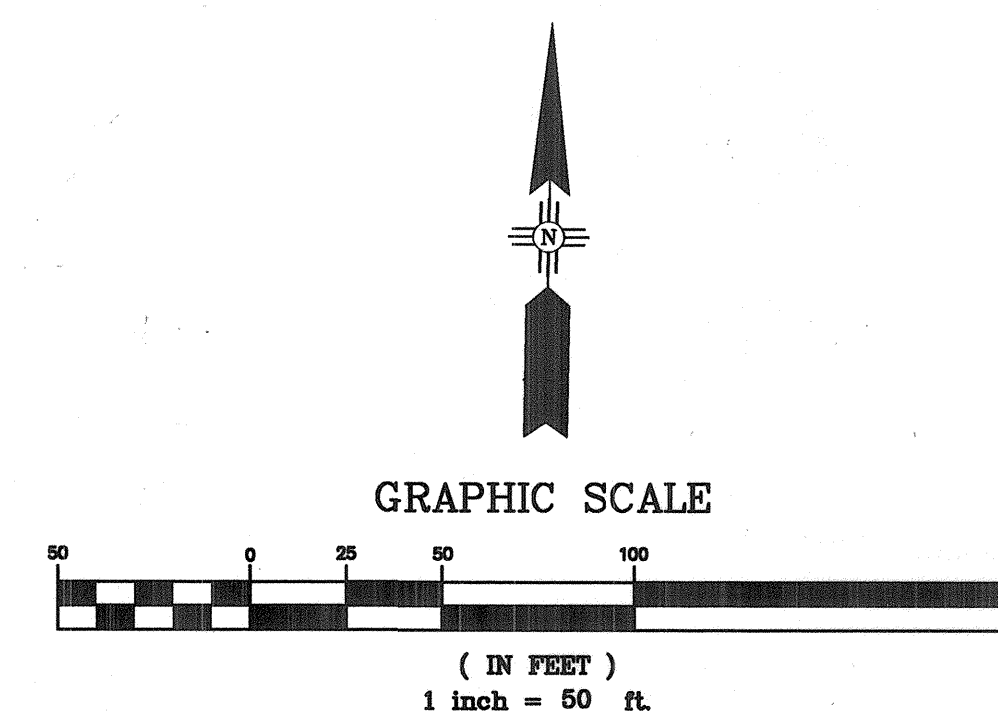
**WILSON
& COMPANY**

GGG/ELO CADD MASTER



CENTERLINE OF CONSTRUCTION					PROJECT GROUND COORDINATES (FT)	
REF.	DESCRIPTION	STATION	BEARING	DISTANCE	NORTHING	EASTING
PASEO DEL NORTE						
9 of 26	BOP	10+00			1519345.8630	396769.0620
9 & 10 of 26	COURSE FROM BOP TO (NO HRZ. CURVE) PI NO. 1		S89°10'17"E	166.94'		
10 of 26	PI NO. 1	11+66.94			1519343.4490	396935.9815
10 of 26	COURSE FROM PI NO. 1 TO (NO HRZ. CURVE) PI NO. 2		S90°00'00"E	113.57'		
10 of 26	PI NO. 2	12+80.50			1519343.4490	397049.5490
10 of 26	COURSE FROM PI NO. 2 TO (NO HRZ. CURVE) EOP		S89°44'46"E	923.92'		
10 of 26	EOP	22+04.42			1519339.3535	397973.4551

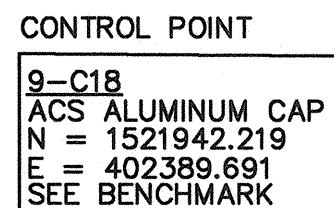
HORIZONTAL CONTROL POINT, FOR VERTICAL CONTROL
SEE BENCHMARK BOX IN THE TITLE BLOCK ABOVE
ACS CONTROL STATION "9-C18" STANDARD ACS ALUMINUM TUBE WITH THE CAP
PROJECTING 0.05 ft BELOW THE GROUND.
X=402389.691 Y=1521942.219 MODIFIED GROUND COORDINATES
CGGF = 1.0003333228. DIVIDE THE ABOVE X,Y BY THE CGGF TO GET
NEW MEXICO (NAD 27) STATE PLANE COORDINATES.



WILSON
& COMPANY

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS PDN GEOMETRIC & HORIZONTAL CONTROL			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	APPROVED FEB 07 2008 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	7	26

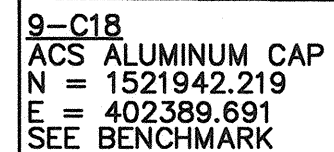
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
[Seal]		NO.	BY	DATE	CONTRACTOR	DATE	DATE
					INSPECTOR'S	DATE	DATE
					FIELD NAME BY	DATE	DATE
					QUADRANT OF PASEO DEL NORTE & I-25	DATE	DATE
					WEST FRONTAGE ROAD. NE., CENTERED	DATE	DATE
					ON SAID "DROP INLET."	DATE	DATE
					(2nd-Order, 1st.-Class)	DATE	DATE
					ELEVATION = 5195.103 FT. (NGVD29)	DATE	DATE



9-C18
ACS ALUMINUM CAP
N = 1521942.219
E = 402389.691
SEE BENCHMARK

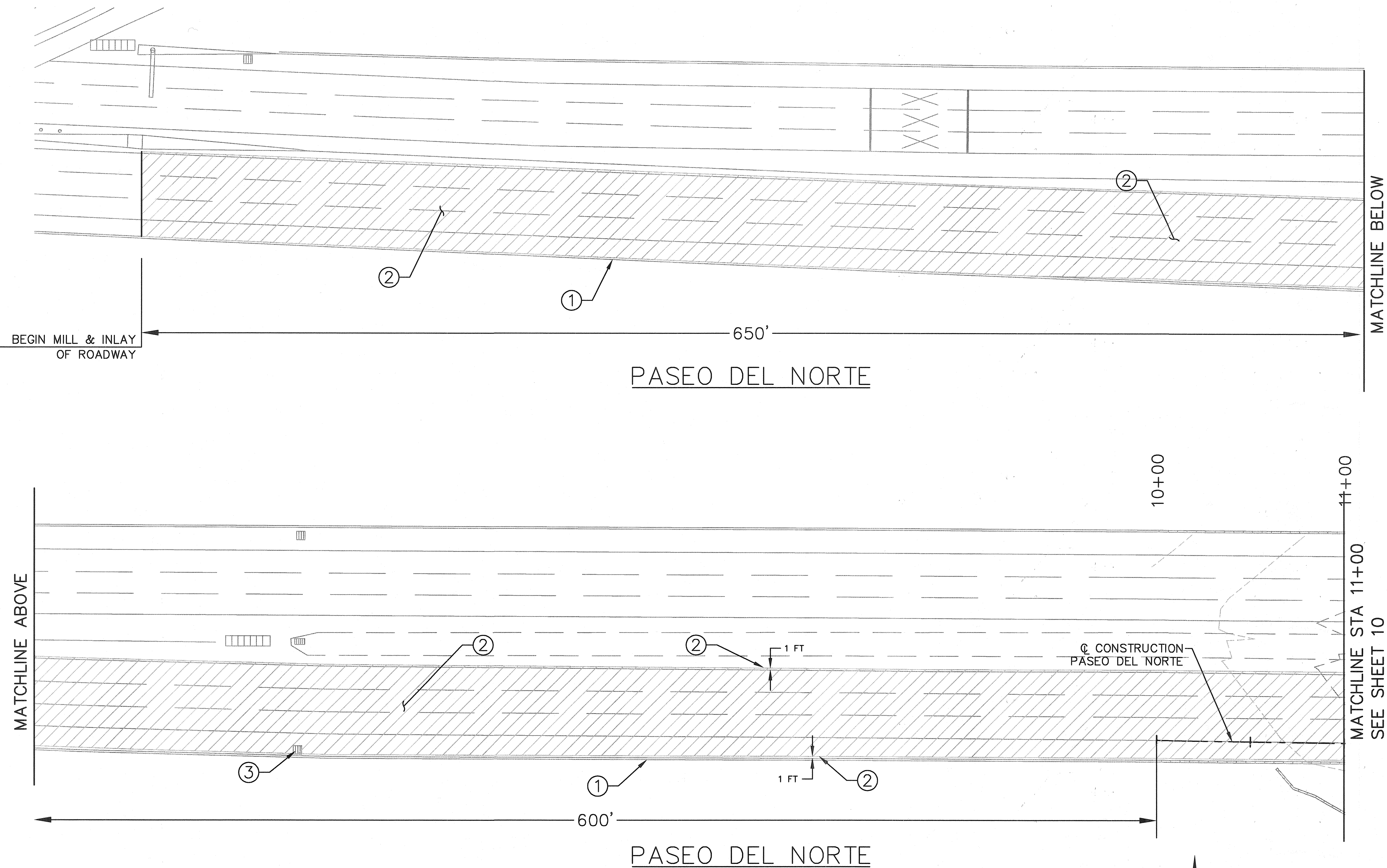
9-C18
ACS ALUMINUM CAP
N = 1521942.219
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SEE BENCHMARK

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SEE BENCHMARK



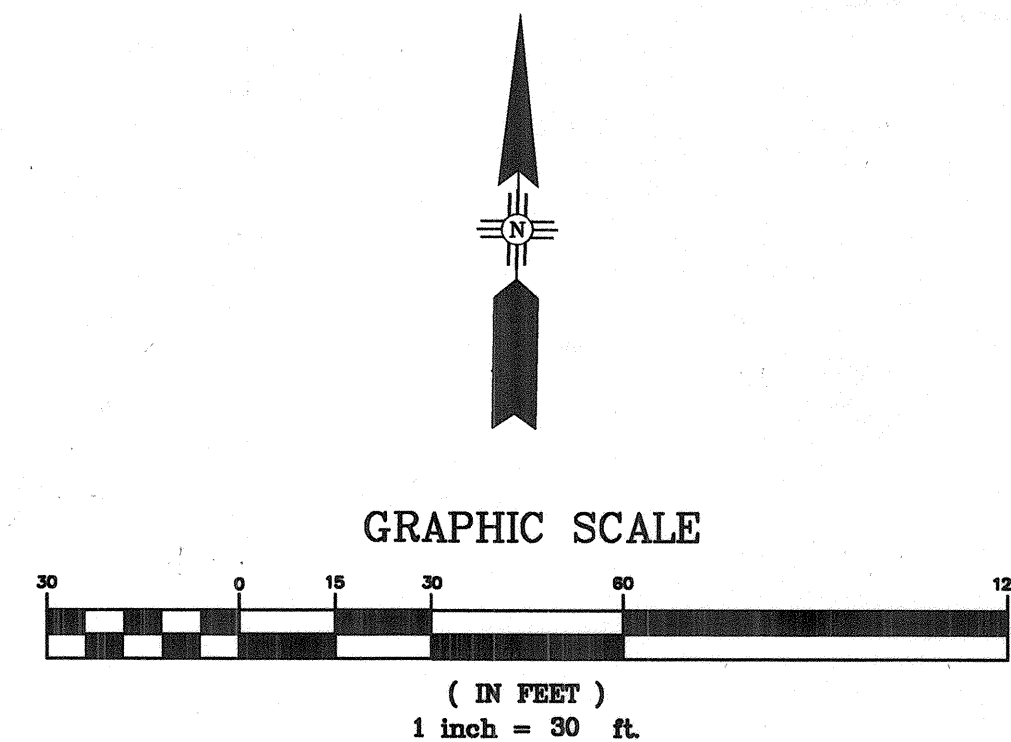
9-C18
ACS ALUMINUM CAP
N = 1521942.219
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SEE BENCHMARK

9-C18
ACS ALUMINUM CAP
N = 1521942.219
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SEE BENCHMARK



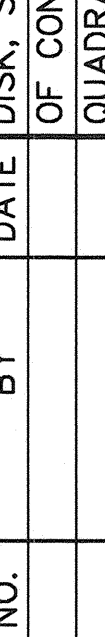
KEYED NOTES:

- ① EXISTING PCC WALL BARRIER TO REMAIN
- ② MILL & INLAY EXISTING DRIVING LANES FROM 1 FT NORTH OF EXISTING SOLID YELLOW STRIPE TO EXISTING CONCRETE WALL BARRIER (ON SOUTH SIDE OF ROADWAY). MILL 3 5/8" AND REPLACE WITH 3" PMBP SPIII AND 5/8" OGFC (SEE PROPOSED MILL & INLAY SECTION ON SHEET 6).
- ③ ADJUST DRAINAGE INLET TO FINISHED GRADE AND REPLACE INLET GRATE

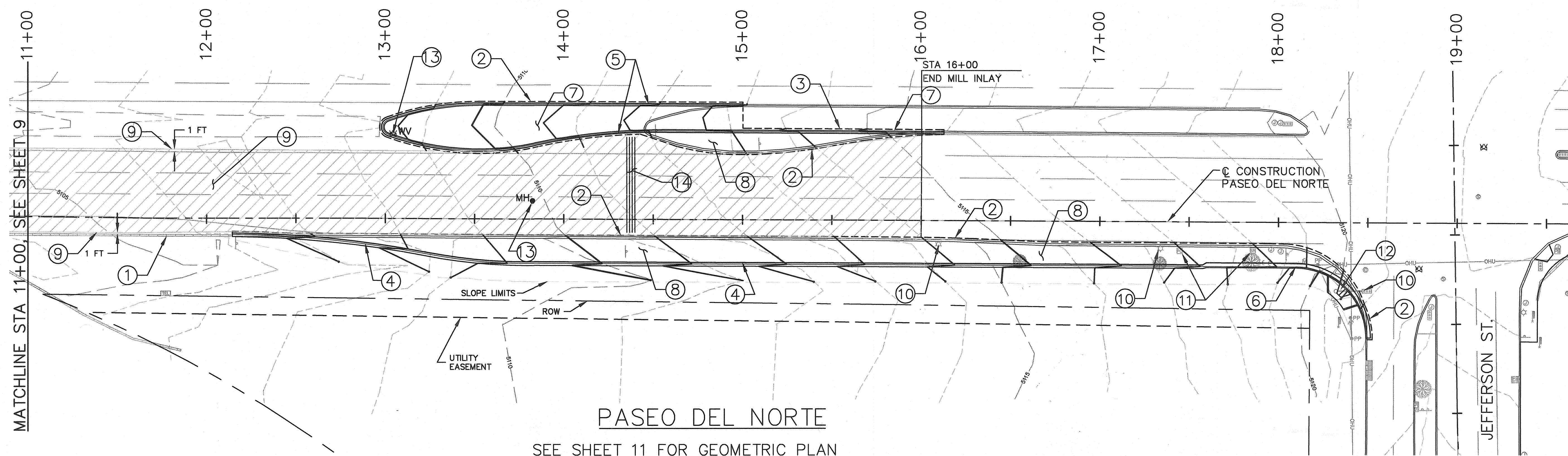


WILSON & COMPANY

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS CONSTRUCTION AND GRADING PLAN - PDN			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	9	26

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
<div></div>		FIELD NOTES		CONTRACTOR		DATE	
		NO.	DATE	WORKED BY		DATE	
				INSPECTOR'S		DATE	
				FIELD VERIFICATION BY		DATE	
				DATE		DATE	
REMARKS		BY		WEST FRONTAGE ROAD. NE., CENTERED ON SAID DROP INLET.		MICRO-FILM INFORMATION	
DESIGNED BY		SGG		DATE		2007	
DRAWN BY		ELO		DATE		2007	
CHECKED BY		SFP		DATE		2007	
				(2nd-Order, 1st.-Class)			
				ELEVATION = 5195.103 FT. (NGVD29)			

ELO CADD MASTER



KEYED NOTES:

- ① EXISTING PCC WALL BARRIER TO REMAIN
- ② SAWCUT EXISTING PAVEMENT 1 FT FROM LIP OF EXISTING/PROPOSED C&G REMOVE & DISPOSE OF CURB/PAVEMENT
- ③ SAWCUT EXIST MEDIAN PCC 1 FT FROM BACK OF PROPOSED C&G REMOVE & DISPOSE OF CURB AND MEDIAN PCC
- ④ CONSTRUCT 2 FT WIDE PCC MOUNTABLE C&G TYPE A AS PER NMDOT STD DWG 609-01-1/1
- ⑤ CONSTRUCT 1.5 FT WIDE PCC MOUNTABLE C&G TYPE A AS PER NMDOT STD DWG 609-01-1/1
- ⑥ CONSTRUCT PCC BARRIER C&G TYPE C AS PER NMDOT STD DWG 609-01-1/1
- ⑦ CONSTRUCT NEW MEDIAN PCC, MATCH COLOR OF EXISTING
- ⑧ CONSTRUCT NEW PAVEMENT PER SECTION ON SHEET 6
- ⑨ MILL & INLAY EXISTING DRIVING LANES FROM 1 FT NORTH OF EXISTING SOLID YELLOW STRIPE TO EXISTING CONCRETE WALL BARRIER (ON SOUTH SIDE OF ROADWAY). MILL 3 5/8" AND REPLACE WITH 3" PMBP SPIII AND 5/8" OGFC (SEE PROPOSED MILL & INLAY SECTION ON SHEET 6).
- ⑩ RELOCATION OF SIGNAL MASTARM AND LIGHTING - SEE SHEETS 17, 18 & 20, 21
- ⑪ RED LIGHT CAMERA AND APPURTENANCES TO BE RELOCATED BY OTHERS, EXCEPT FOR THE FOLLOWING: CONTRACTOR SHALL EXTEND 3" CONDUIT, INSTALL PULLBOX AND 2 FOUNDATIONS, AND REMOVE & DISPOSE 2 FOUNDATIONS.
- ⑫ CONSTRUCT ADA RAMP AS PER DETAIL ON SHEET 12
- ⑬ ADJUST MANHOLE/WATERVALVE TO GRADE
- ⑭ REPLACE PAVEMENT GROOVES FOR RED LIGHT CAMERA

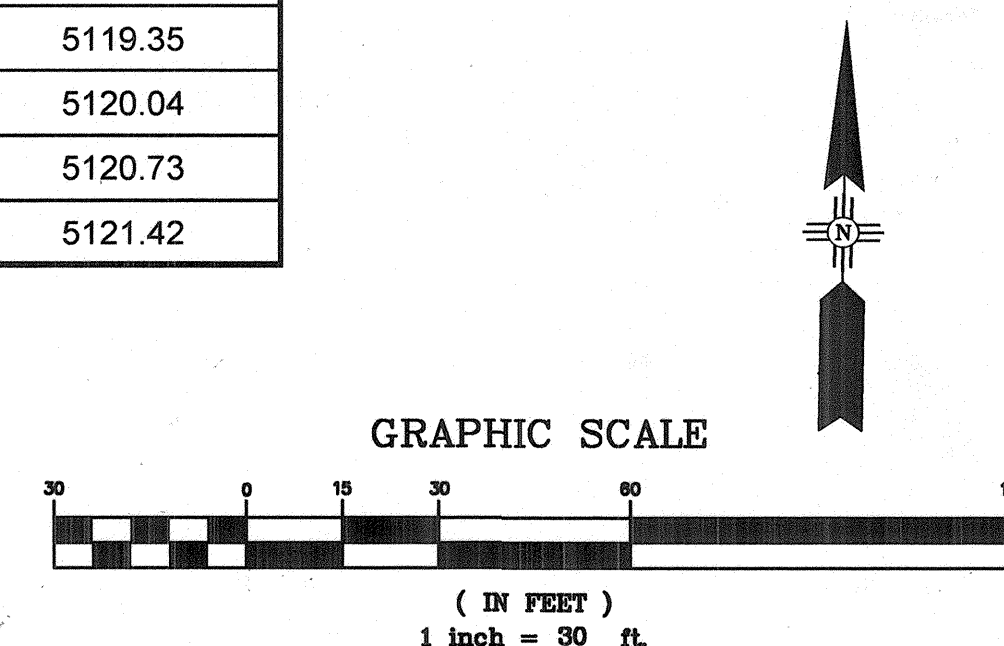
PROPOSED C&G LIP ELEVATIONS (RIGHT):


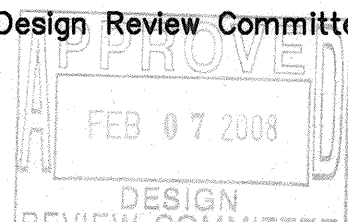
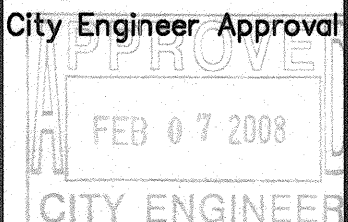
LOC	STATION	OFFSET	LIP ELEV.
RT	12+14.36	8.41 FT	5106.30
RT	12+50.00	9.74 FT	5106.77
RT	13+00.00	15.12 FT	5107.75
RT	13+22.63	18.90 FT	5108.18
RT	13+50.00	22.72 FT	5108.69
RT	13+77.41	24.00 FT	5109.17
RT	14+00.00	24.00 FT	5109.60
RT	14+50.00	24.00 FT	5110.59
RT	15+00.00	24.00 FT	5111.58
RT	15+50.00	24.00 FT	5112.64
RT	16+00.00	24.00 FT	5113.64
RT	16+50.00	24.00 FT	5114.77
RT	17+00.00	24.00 FT	5115.84
RT	17+50.00	24.00 FT	5116.89
RT	17+57.68	22.83 FT	5117.11
RT	18+00.00	22.83 FT	5118.11
RT	18+09.68	22.83 FT	5118.66
RT	18+25.72	26.01 FT*	5119.35
RT	18+39.33	35.09 FT*	5120.04
RT	18+48.44	48.67 FT*	5120.73
RT	18+51.68	64.70 FT	5121.42

* QUARTER POINTS OF CURB RETURN

PROPOSED C&G LIP (MEDIAN) ELEVATIONS (LEFT):

LOC	STATION	OFFSET	LIP ELEV.
LT	13+00.89	55.47 FT	5108.20
LT	13+50.00	64.99 FT	5109.61
LT	13+53.63	65.03 FT	5110.29
LT	14+00.00	65.02 FT	5110.68
LT	14+50.00	65.00 FT	5111.86
LT	15+00.06	64.99 FT	5112.95
LT	13+00.89	46.09 FT	5108.50
LT	13+50.00	40.31 FT	5109.52
LT	13+84.86	41.01 FT	5110.30
LT	14+00.00	43.00 FT	5110.75
LT	14+50.00	48.48 FT	5112.08
LT	14+52.15	48.48 FT	5112.26
LT	15+00.00	48.36 FT	5113.14
LT	15+50.00	48.23 FT	5114.40
LT	16+00.00	48.10 FT	5115.42
LT	16+12.59	48.07 FT	5115.73



		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION		12 11 10 9 8 7 6 5 4 3 2 1																							
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS CONSTRUCTION AND GRADING PLAN – PDN																											
Design Review Committee		City Engineer Approval		Last Design Update																							
				<table border="1"> <thead> <tr> <th>Mo./Day/Yr.</th> <th>Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Mo./Day/Yr.	Mo./Day/Yr.																				
Mo./Day/Yr.	Mo./Day/Yr.																										
City Project No.		Zone Map No.		Sheet																							
7713.82		C-17.D-17		10 Of 26																							

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY	DATE			
					ACS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EPOXIED TO TOP OF CONCRETE DROP INLET, ENE		
					QUADRANT OF PASEO DEL NORTE & I-25		
					WEST FRONTAGE ROAD, NE.; CENTERED ON SAID DROP INLET.		
					MICRO-FILM INFORMATION		
					RECORDED BY		
					No.		
					(2nd-Order, 1st.-Class)		
					Elevation = 5195.103 FT. (NGVD29)		

ELO CADD MASTER

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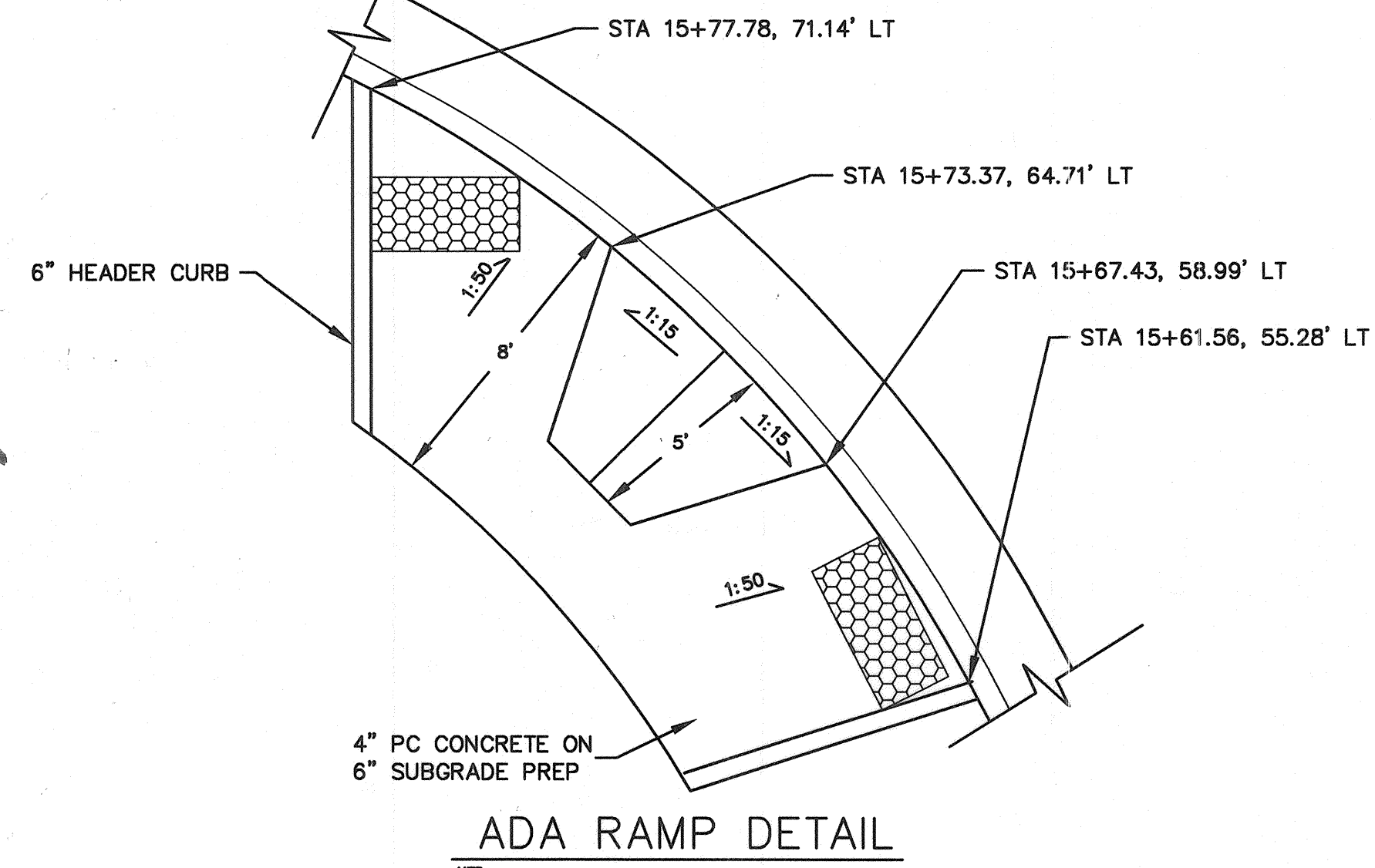
KEYED NOTES:

- EXISTING MEDIAN C&G TO REMAIN
- COORDINATE REMOVAL AND MAINTENANCE OF EXISTING LANDSCAPE WITH COA/JOURNAL CENTER
- SAWCUT EXISTING PAVEMENT 1 FT FROM LIP OF EXISTING/PROPOSED C&G REMOVE & DISPOSE OF CURB & GUTTER AND PAVEMENT
- CONSTRUCT COA MEDIAN C&G AS PER COA STD DWG 2415B
- CONSTRUCT NEW MEDIAN NOSE BRICK, MATCH COLOR OF EXISTING
- CONSTRUCT NEW PAVEMENT PER SECTION ON SHEET 6
- CONSTRUCT ADA RAMP AS PER DETAIL THIS SHEET

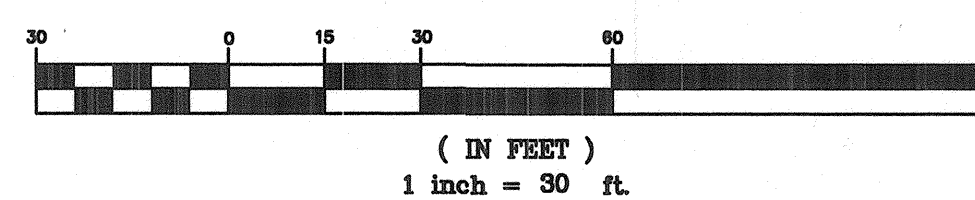
JEFFERSON STREET
SEE SHEET 13 FOR GEOMETRIC PLAN

PROPOSED MEDIAN C&G LIP ELEVATIONS (LEFT):

LOC	STATION	OFFSET	LIP ELEV.
LT	12+90.30	26.26 FT	5126.55
LT	12+91.63	21.39 FT	5126.68
LT	13+00.00	19.28 FT	5126.63
LT	13+06.77	18.59 FT	5126.57
LT	13+50.00	16.86 FT	5126.14
LT	14+00.00	14.70 FT	5125.39
LT	14+51.34	12.32 FT	5124.57

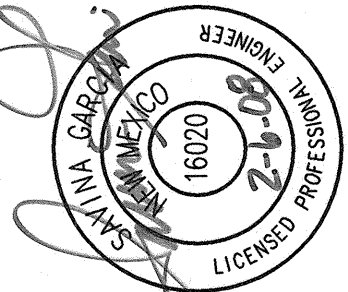


GRAPHIC SCALE



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS CONSTRUCTION AND GRADING PLAN-JEFFERSON	
Design Review Committee APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED FEB 07 2008 CITY ENGINEER
City Project No. 7713.82	Zone Map No. C-17,D-17
Sheet 12	Of 26

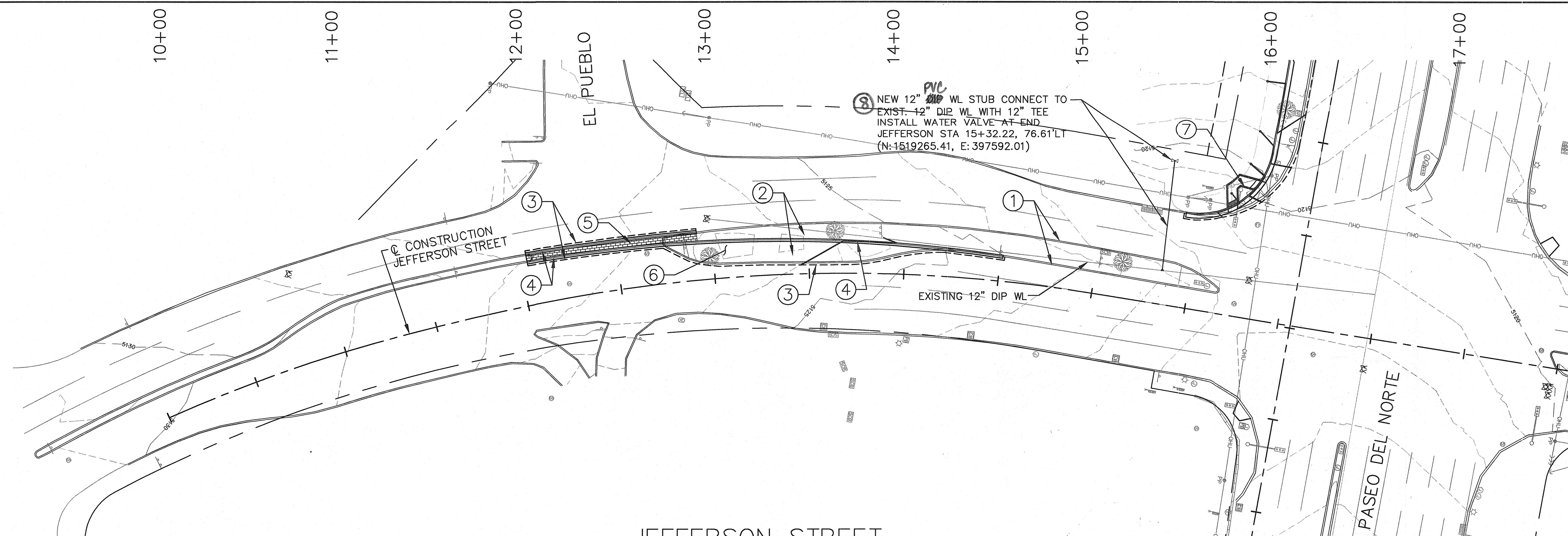
WILSON
& COMPANY



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	FIELD NOTES	DATE	CONTRACTOR	DATE	CONTRACTOR	DATE
				INSPECTOR'S	DATE	INSPECTOR'S	DATE
				OF CONCRETE DROP INLET, ENE	DATE	OF CONCRETE DROP INLET, ENE	DATE
				QUADRANT OF PASEO DEL NORTE & I-25	DATE	QUADRANT OF PASEO DEL NORTE & I-25	DATE
				WEST FRONTAGE ROAD, NE., CENTERED	DATE	WEST FRONTAGE ROAD, NE., CENTERED	DATE
				ON SAID DROP INLET.	DATE	ON SAID DROP INLET.	DATE
				(2nd-Order, 1st-Class)	DATE	(2nd-Order, 1st-Class)	DATE
				ELEVATION = 5195.103 FT. (NGVD29)	DATE	ELEVATION = 5195.103 FT. (NGVD29)	DATE

REVISIONS	BY	DATE
NO. DATE	REMARKS	
1 2007	WILSON & COMPANY, ENGINEERS & ARCHITECTS	
2 2007	DESIGNED BY SGG	
3 2007	DRAWN BY ELO	
4 2007	CHECKED BY SFP	

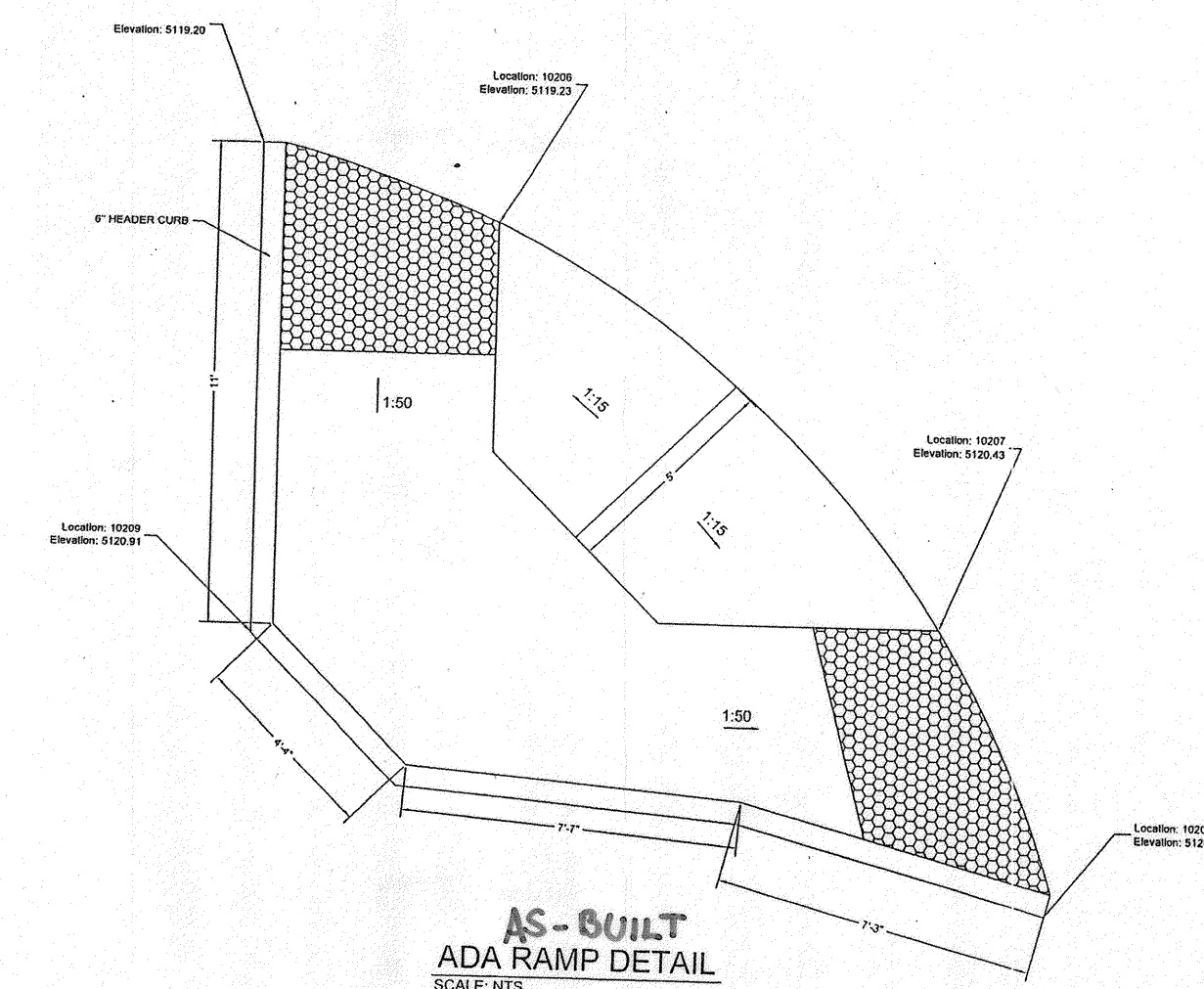
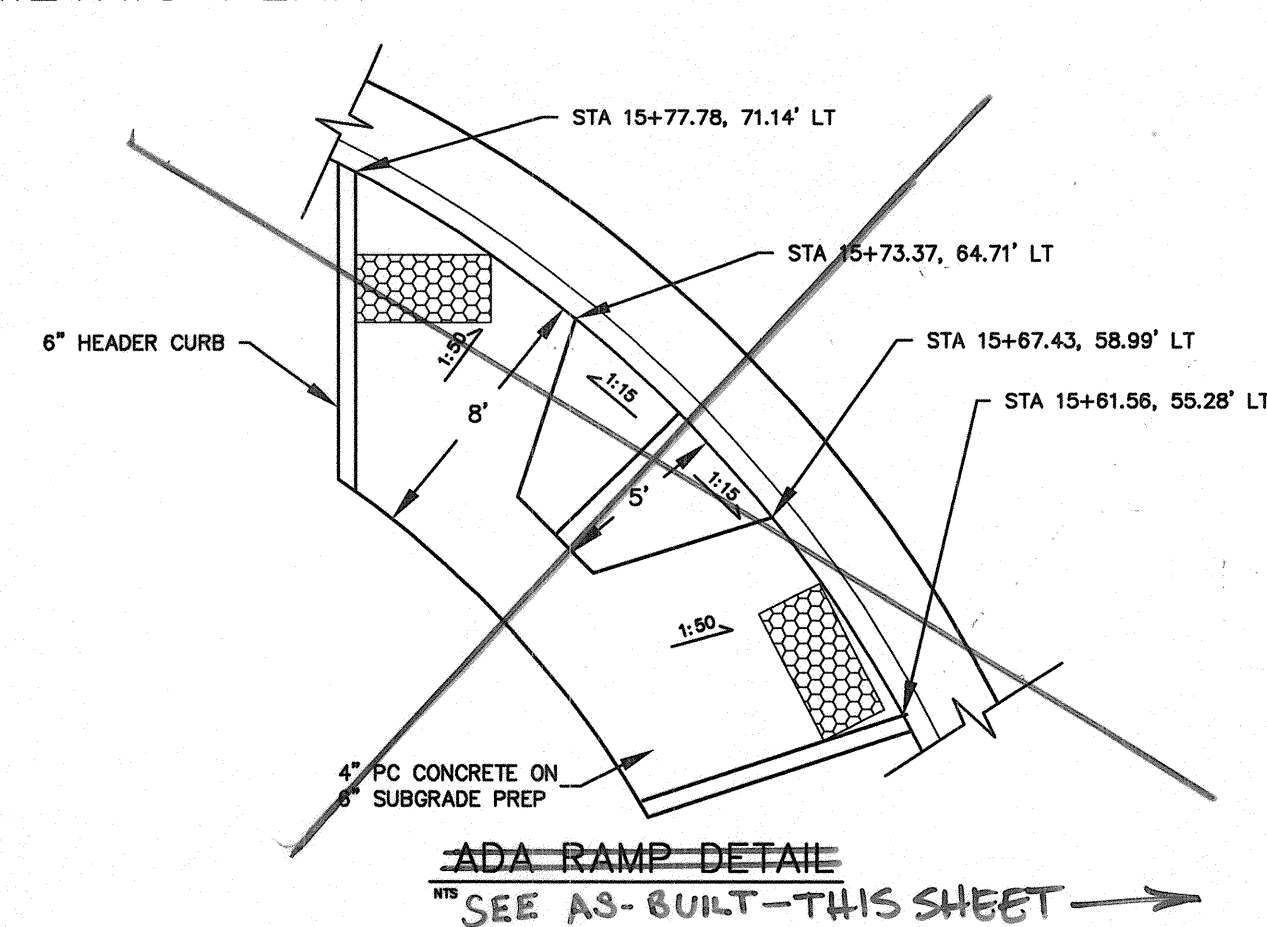
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JEFFERSON STREET
SEE SHEET 13 FOR GEOMETRIC PLAN

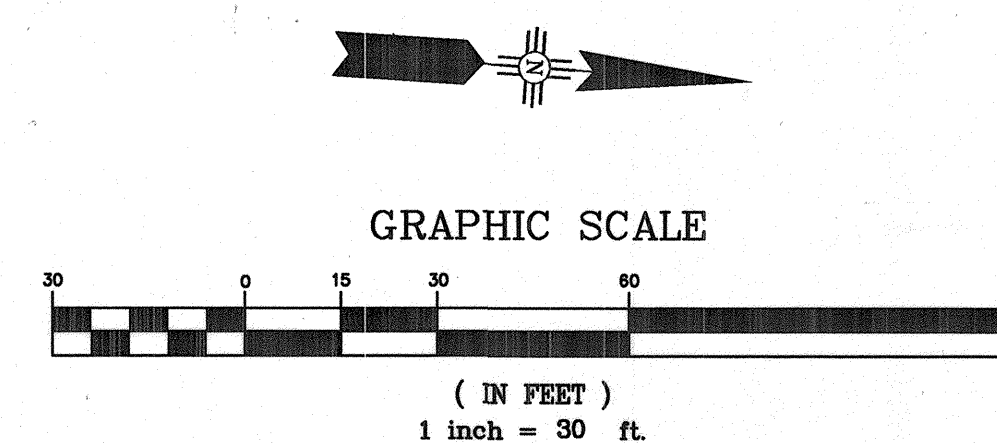
KEYED NOTES:

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- ⑤ CONSTRUCT NEW MEDIAN BRICK, MATCH COLOR OF EXISTING
- ⑥ CONSTRUCT NEW PAVEMENT PER SECTION ON SHEET 6
- ⑦ CONSTRUCT ADA RAMP AS PER DETAIL THIS SHEET
- ⑧ INSTALL NEW 12" x 58.5' PVC WL STUB AND CONNECT TO EXISTING 12" DIP WL WITH NEW 12" TEE. INSTALL NEW 12" WATER VALVE AT END, JEFFERSON STA 15+32.22, 76.61' LT. TOP OF WATER PIPE ELEV=5116.09; TOP OF WATER VALVE CAN ELEV=5120.76




PROPOSED MEDIAN C&G LIP ELEVATIONS (LEFT):

LOC	STATION	OFFSET	LIP ELEV.
LT	12+90.30	26.26 FT	5126.55
LT	12+91.63	21.39 FT	5126.68
LT	13+00.00	19.28 FT	5126.63
LT	13+06.77	18.59 FT	5126.57
LT	13+50.00	16.86 FT	5126.14
LT	14+00.00	14.70 FT	5125.39
LT	14+51.34	12.32 FT	5124.57



Pl.No.	Northing	Easting	Elevation	Description
10204	1519276.2417	397614.7811	5122.0875	CHK 2007 IBC
10205	1519311.3233	397596.4010	5119.1979	2008
10206	1519306.7528	397603.3722	5119.2329	2009
10207	1519300.8005	397609.2279	5120.0213	2010
10208	1519294.5744	397613.2818	5120.4266	2011
10209	1519301.9885	397596.4111	5120.9053	2012
7000	1519265.4095	397592.0112	5120.7600	WATER VALVE

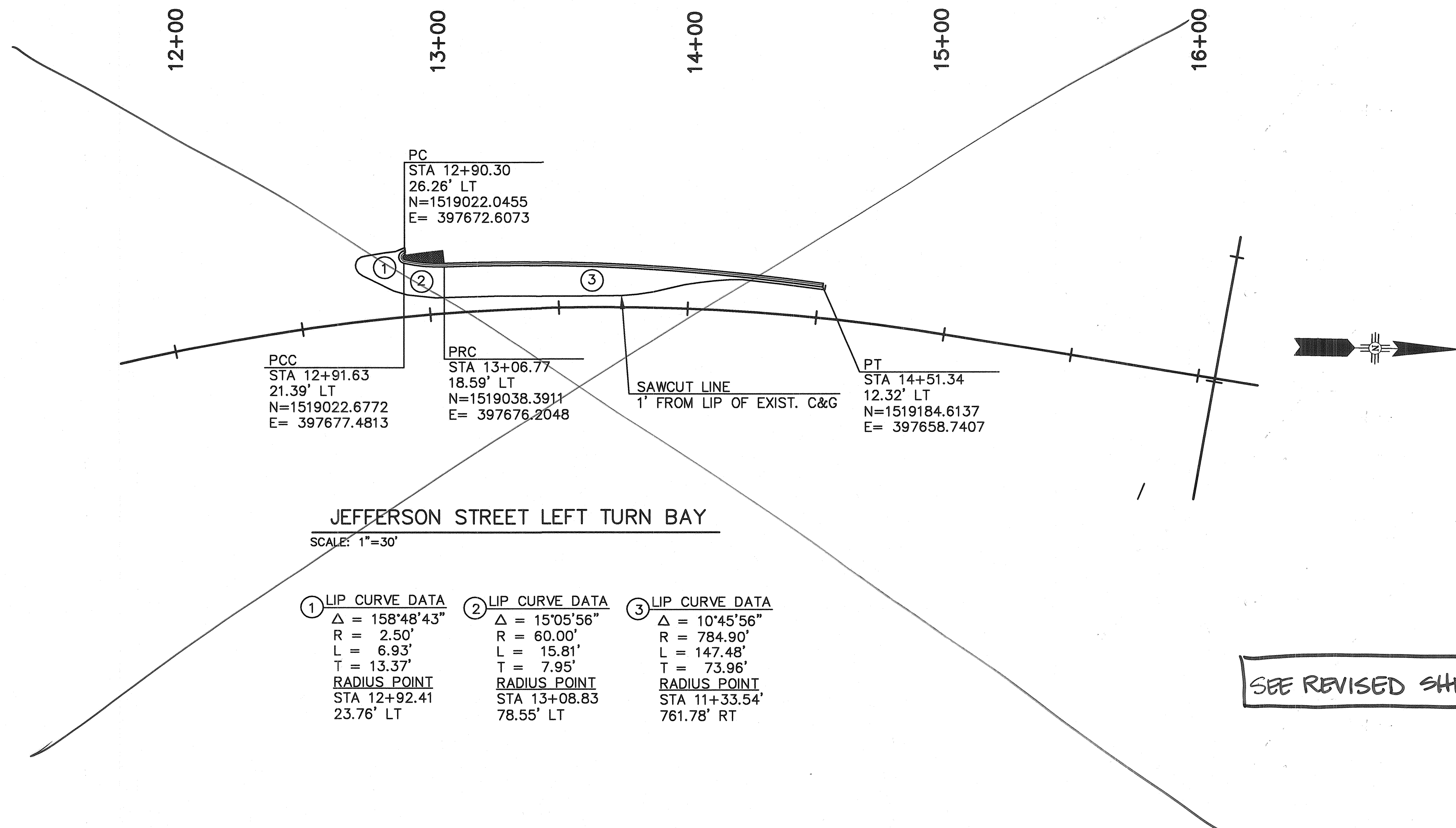
**WILSON
& COMPANY**

	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION												
	PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS CONSTRUCTION AND GRADING PLAN—JEFFERSON												
Design Review Committee	City Engineer Approval	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.								
Mo./Day/Yr.	Mo./Day/Yr.												
City Project No.	Zone Map No.	Sheet	Of										
7713.82	C-17.D-17	12	26										

ENGINEER'S SEAL	SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION	
	FIELD NOTES			CONTRACTOR	
	NO.	DATE	ACS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EXPOXY TO TOP OF CONCRETE DROP INLET, ENE QUADRANT OF PASEO DEL NORTE & I-25 WEST FRONTAGE ROAD. NE., CENTERED ON SAID DROP INLET.	WORK ORDER NO.	DATE
				INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CHECKED BY	DATE
				MICRO-FILM INFORMATION	
			RECORDED BY	DATE	
			NO.		
			(2nd-Order, 1st.-Class)		
			ELEVATION = 4106.10 ± FT. (NGVD20)		

ELO CAD MASTER

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JEFFERSON STREET LEFT TURN BAY
SCALE: 1"=30'

① LIP CURVE DATA	② LIP CURVE DATA	③ LIP CURVE DATA
$\Delta = 158'48'43''$	$\Delta = 15'05'56''$	$\Delta = 10'45'56''$
R = 2.50'	R = 60.00'	R = 784.90'
L = 6.93'	L = 15.81'	L = 147.48'
T = 13.37'	T = 7.95'	T = 73.96'
RADIUS POINT	RADIUS POINT	RADIUS POINT
STA 12+92.41	STA 13+08.83	STA 11+33.54'
23.76' LT	78.55' LT	761.78' RT

NOTE: ALL STATIONS, OFFSETS AND CURVE DATA IS TAKEN ALONG THE LIP OF CURB AND GUTTER UNLESS OTHERWISE NOTED ON THE PLANS.

WILSON
& COMPANY


CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS GEOMETRIC PLAN - JEFFERSON ST.			
Design Review Committee	City Engineer Approval	Last Design Update	
APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	APPROVED FEB 07 2008 CITY ENGINEER	Mo./Day/Yr.	
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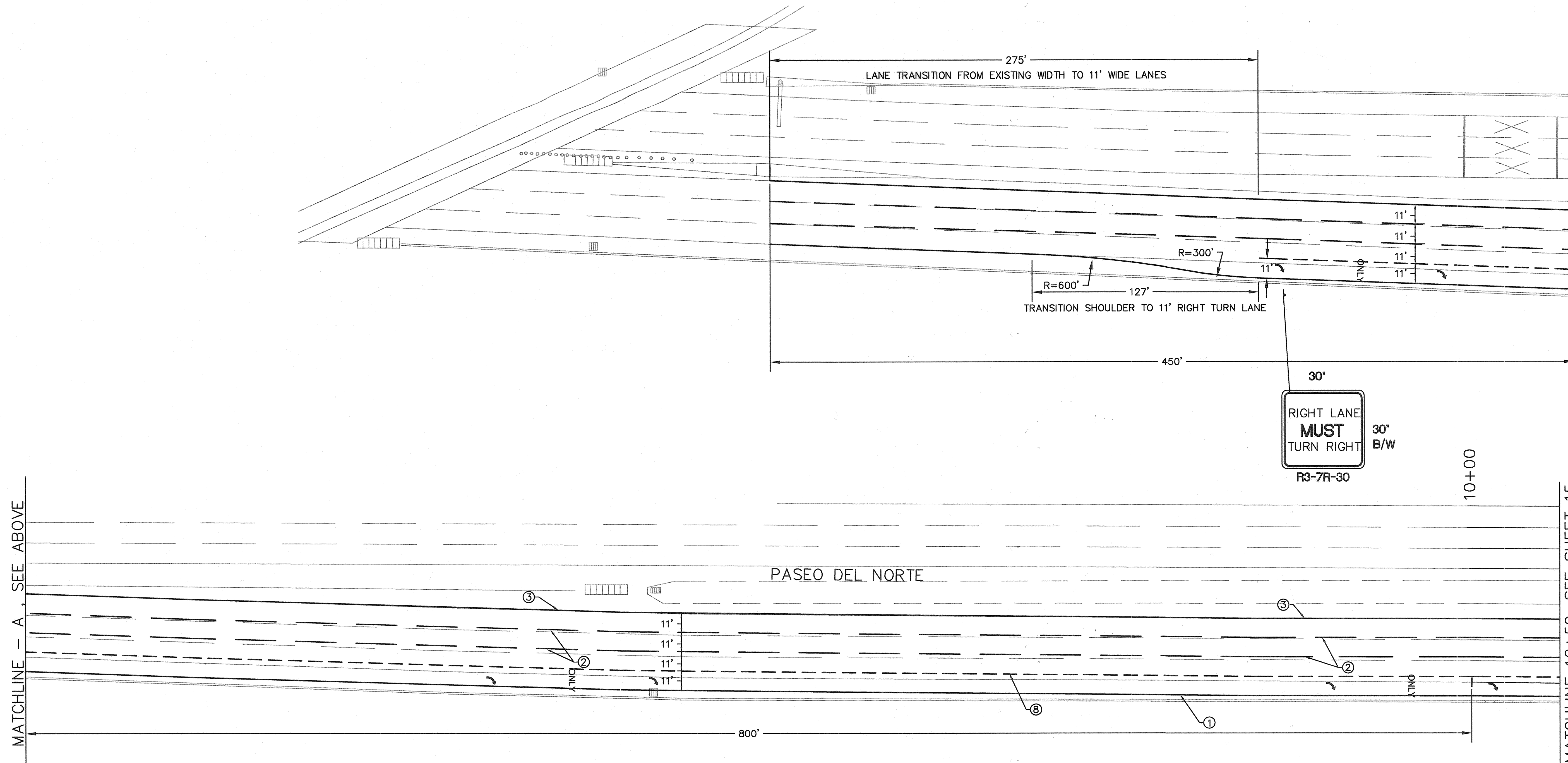
① <u>LIP CURVE DATA</u>	② <u>LIP CURVE DATA</u>
$\Delta = 3'46''05''$	$\Delta = 18'27''32''$
$R = 1386.69'$	$R = 784.90'$
$L = 91.20'$	$L = 252.87'$
$T = 45.62'$	$T = 127.54'$
<u>RADIUS POINT</u>	<u>RADIUS POINT</u>
STA 16+40.43	STA 11+33.54'
1342.20' RT	761.78' RT

WILSON
& COMPANY

				CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION				
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS GEOMETRIC PLAN – JEFFERSON ST.								
Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.	
City Project No.			Zone Map No.		Sheet		Of	
7713.82			C-17.D-17		13		26	

				ENGINEER'S SEAL						SURVEY INFORMATION				BENCH MARKS		AS-BUILT INFORMATION	
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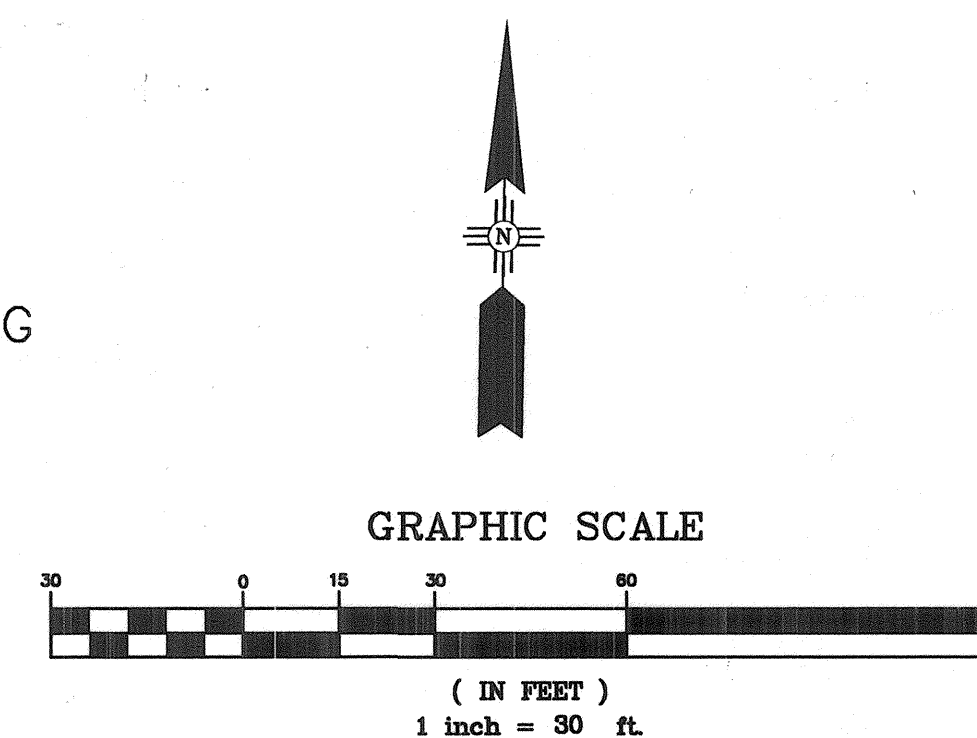
MATCHLINE - A, SEE ABOVE



STRIPING KEY

- ① 4" SOLID WHITE REFLECTORIZED THERMOPLASTIC STRIPE
- ② 4" BROKEN WHITE REFLECTORIZED THERMOPLASTIC STRIPE (10' STRIPE, 30' SPACE)
- ③ 4" SOLID YELLOW REFLECTORIZED THERMOPLASTIC STRIPE
- ④ 12" SOLID WHITE REFLECTORIZED THERMOPLASTIC STRIPE
- ⑤ 24" SOLID WHITE REFLECTORIZED THERMOPLASTIC STRIPE
- ⑥ ERADICATE CONFLICTING EXISTING STRIPING PRIOR TO INSTALLING NEW STRIPING LAYOUT
- ⑦ 6" DASHED WHITE REFLECTORIZED THERMOPLASTIC STRIPE (2' STRIPE, 4' SPACE)
- ⑧ 4" DASHED WHITE REFLECTORIZED THERMOPLASTIC STRIPE (4' STRIPE, 10' SPACE)

SEE PERMANENT SIGNING & STRIPING
NOTES ON SHEET 15.



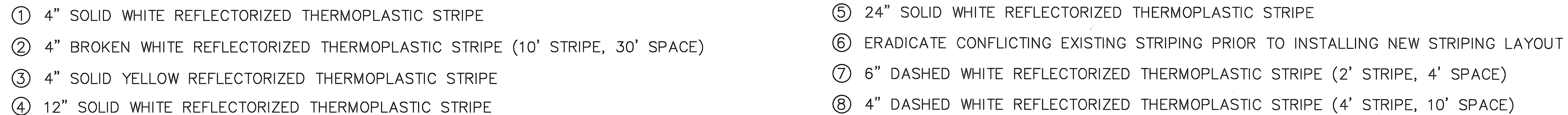
**WILSON
& COMPANY**

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS SIGNING & STRIPING NOTES AND PLAN - PDN	
Design Review Committee	City Engineer Approval
APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	APPROVED FEB 07 2008 CITY ENGINEER
City Project No.	Zone Map No.
7713.82	C-17,D-17
Sheet	Of
14	26

MATCHLINE 10+50, SEE SHEET 15




MATCHLINE - A, SEE BELOW

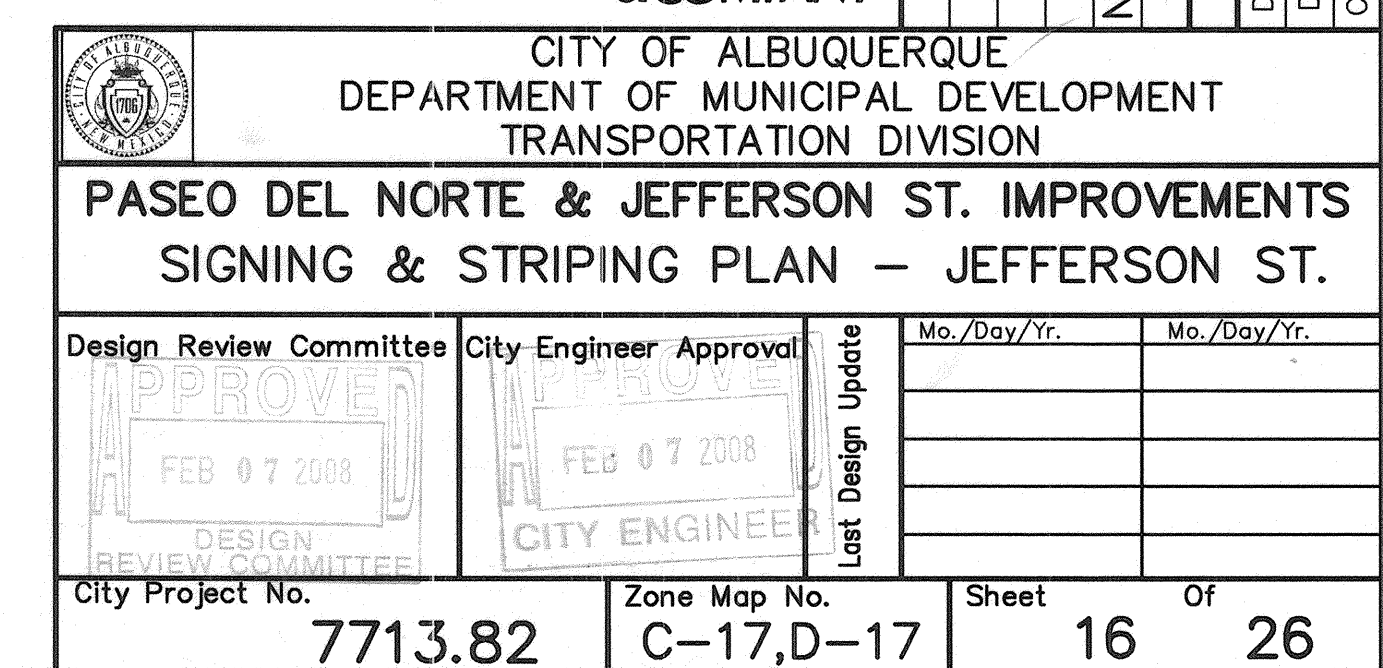
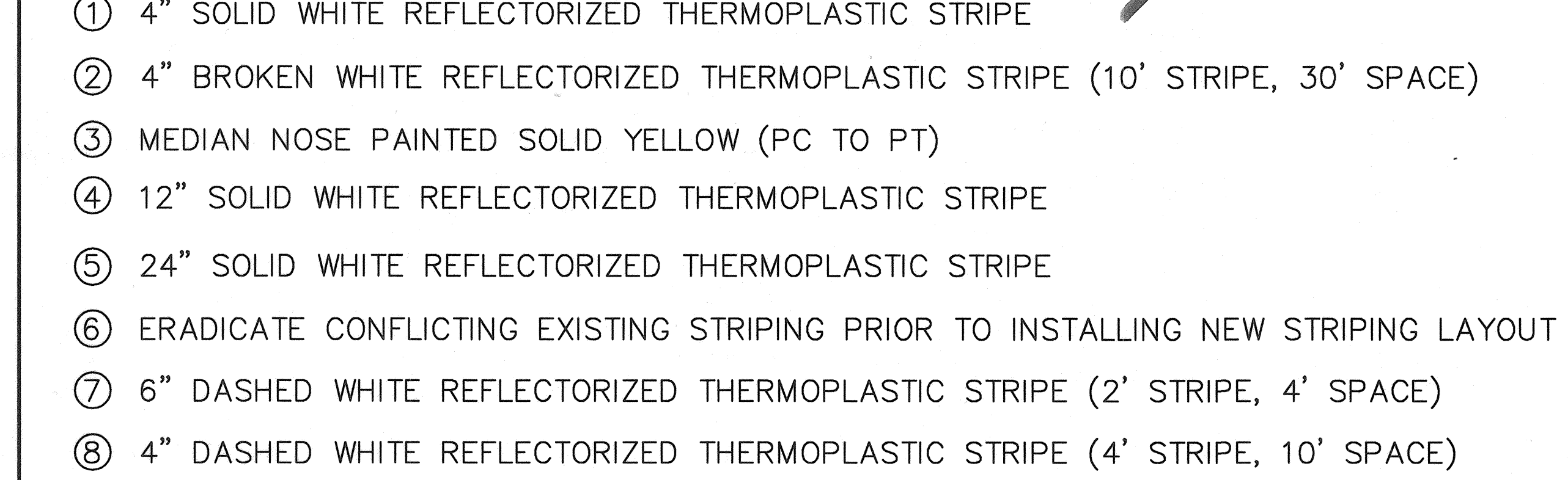
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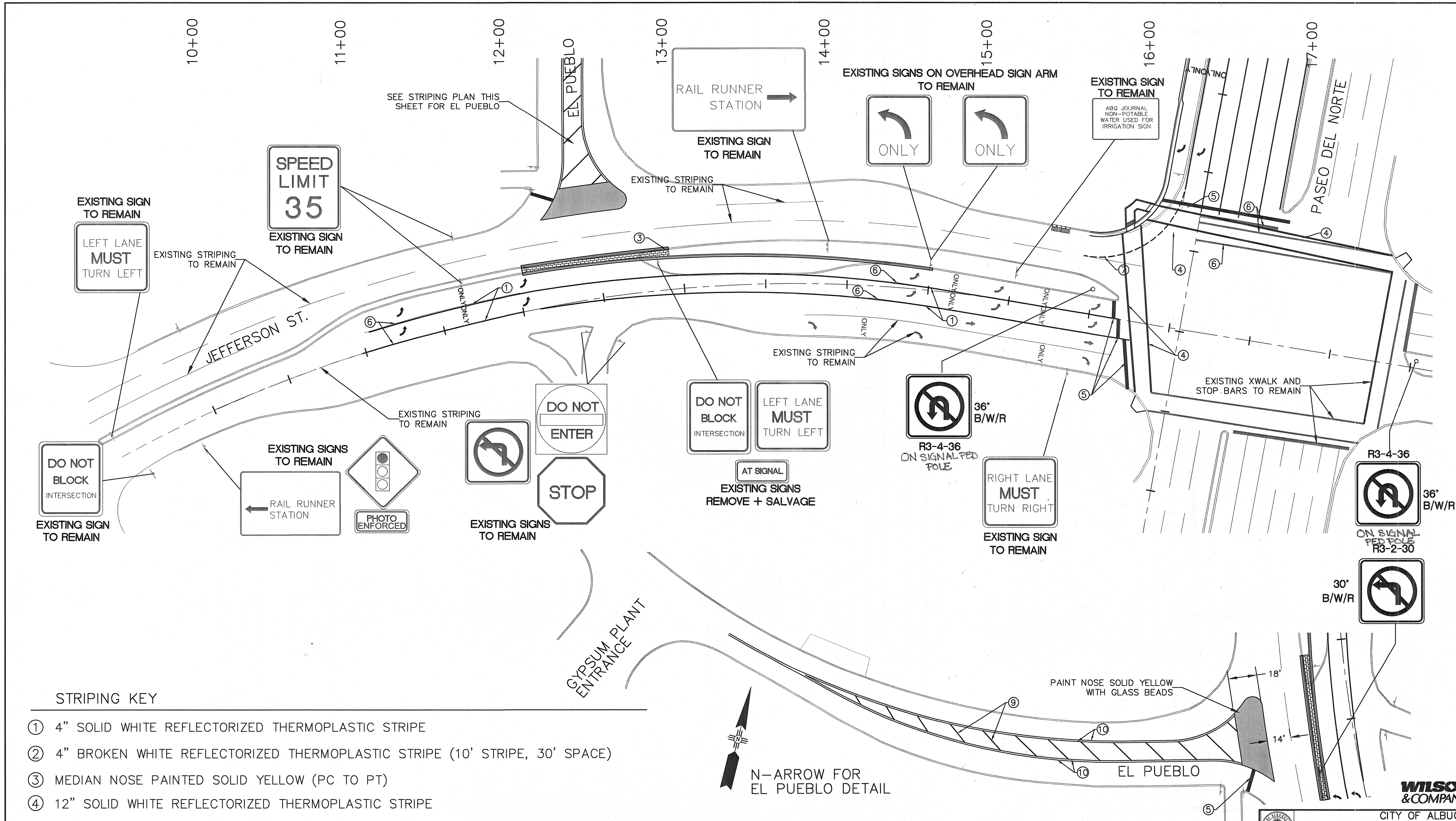


<u>PERMANENT SIGNING & STRIPING NOTES</u>				
ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:				
SIGN	SIGN CODE	COLOR	LETTER SHEETING	BACKGROUND SHEETING
STOP	R1-1	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
YIELD	R1-2	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
DO NOT ENTER	R5-1	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
WRONG WAY	R5-1a	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
SCHOOL BUS SIGN	S3-1	(BLK/FLOURESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
SCHOOL BUS XING	S1-1	(BLK/FLOURESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
PEDESTRIAN XING	W11-2	(BLK/FLOURESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
BIKE XING	W11-1	(BLK/FLOURESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
ALL SCHOOL/PED/BIKE SUPPLEMENTAL PLAQUES		(BLK/FLOURESCENT YELLOW GREEN) WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD	TYPE VIII OR IX	TYPE VIII OR IX
ALL OTHER WARNING SIGNS & SUPPLEMENTAL PLAQUES		(BLK/FLOURESCENT YELLOW) WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD	TYPE VIII OR IX	TYPE VIII OR IX
GUIDE & DESTINATION SIGNS INCLUDE EXTRUDED & NON-EXTRUDED (OVERHEAD & GROUND MOUNTED)	ALL	(W/GREEN) EXCEPT WHERE SPECIFIED IN THE MUTCD	TYPE VIII OR IX	TYPE IV
E-CODE SIGNS	E 11-1, 1a, 1b, 1c	(BLK/FLOURESCENT YELLOW)	TYPE VIII OR IX	TYPE IV
RECREATIONAL & CULTURAL INTERESTS	ALL	(W/BROWN)	TYPE VIII OR IX	TYPE IV
GENERAL SERVICE	ALL	(W/BLUE)	TYPE VIII OR IX	TYPE IV
SPECIFIC SERVICE	ALL	(W/BLUE)	TYPE VIII OR IX	TYPE IV
ALL OTHER PERMANENT SIGNS		(BLK/WHITE) EXCEPT WHERE SPECIFIED OTHERWISE IN THE MUTCD	TYPE IV	TYPE IV

-
- A north arrow pointing upwards, with the letter 'N' in the center. Below the arrow is a graphic scale bar marked in feet. The scale bar has alternating black and white segments. The markings are: 30, 0, 15, 30, 60, and 120. Below the scale bar, the text '(IN FEET)' is centered, followed by '1 inch = 30 ft.' on the right side.

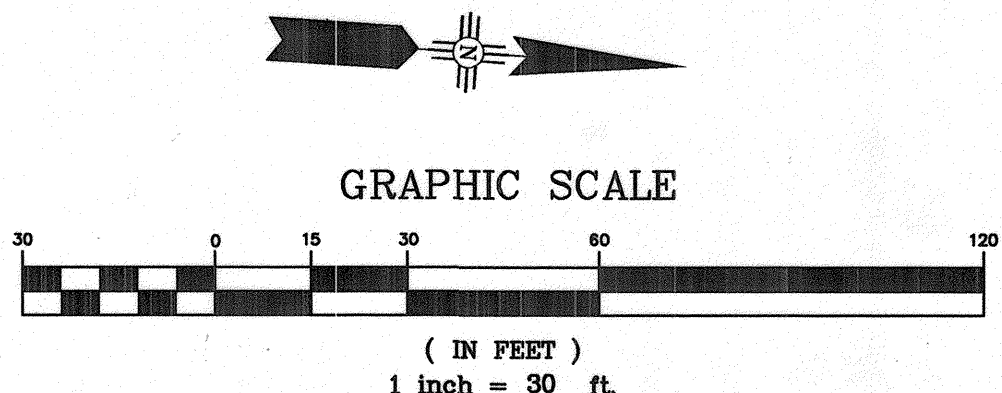
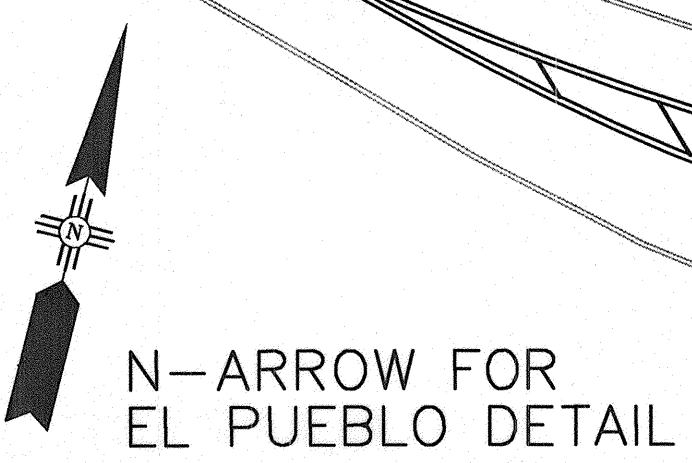
	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION																											
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS SIGNING & STRIPING PLAN – PDN																												
Design Review Committee <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div>	City Engineer Approval <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div>	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.											<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.										
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City Project No. <div style="font-size: 24pt; font-weight: bold;">7713.82</div>	Zone Map No. <div style="font-size: 24pt; font-weight: bold;">C-17,D-17</div>	Sheet	Of	<div style="font-size: 24pt; font-weight: bold;">15 26</div>																								

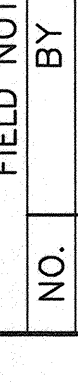
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STRIPING KEY

- ① 4" SOLID WHITE REFLECTORIZED THERMOPLASTIC STRIPE
- ② 4" BROKEN WHITE REFLECTORIZED THERMOPLASTIC STRIPE (10' STRIPE, 30' SPACE)
- ③ MEDIAN NOSE PAINTED SOLID YELLOW (PC TO PT)
- ④ 12" SOLID WHITE REFLECTORIZED THERMOPLASTIC STRIPE
- ⑤ 24" SOLID WHITE REFLECTORIZED THERMOPLASTIC STRIPE
- ⑥ ERADICATE CONFLICTING EXISTING STRIPING PRIOR TO INSTALLING NEW STRIPING LAYOUT
- ⑦ 6" DASHED WHITE REFLECTORIZED THERMOPLASTIC STRIPE (2' STRIPE, 4' SPACE)
- ⑧ 4" DASHED WHITE REFLECTORIZED THERMOPLASTIC STRIPE (4' STRIPE, 10' SPACE)
- ⑨ 12" SOLID YELLOW REFLECTORIZED THERMOPLASTIC STRIPE (45° ANGLE, 20 FT SPACING)
- ⑩ 4" DOUBLE SOLID YELLOW REFLECTORIZED THERMOPLASTIC STRIPE



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES		ACS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EXPOSED TO TOP OF CONCRETE DROP INLET, ENE		CONTRACTOR	
		NO.	BY	DATE	QUADRANT OF PASEO DEL NORTE & I-25 WEST FRONTAGE ROAD. NE., CENTERED ON SAID DROP INLET.	DATE	
						DATE	
						DATE	
NO. DATE		REMARKS		BY		DATE	
		REVISIONS					
WILSON & COMPANY, ENGINEERS & ARCHITECTS		DESIGNED BY		DATE			
		SGG		2007			
		DRAWN BY		DATE			
		ELO		2007			
		CHECKED BY		DATE			
		SFP		2007			
PROJECT: HIGHWAY DEVELOPMENT DIVISION							
ST. IMPROVEMENTS - JEFFERSON ST.							
Mo./Day/Yr.				Mo./Day/Yr.			
Sheet				Of			
16				26			

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS SIGNING & STRIPING PLAN - JEFFERSON ST.			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	16	26

SIGNAL NOTES

- ALL WORK ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT NATIONAL ELECTRIC CODE, THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS FOR ELECTRICAL WIRING AND APPARATUS, AND THE CITY'S TRAFFIC ENGINEERING OPERATIONS THIRD DRAFT SPECIFICATIONS (JUNE 1994).
- LOCATIONS OF POLES, CABINET FOUNDATIONS AND MANHOLES MAY BE ADJUSTED IN THE FIELD TO PROVIDE MINIMUM REQUIRED CLEARANCE FOR ADA ACCESS OR TO CLEAR EXISTING UTILITIES. ANY REVISIONS TO LOCATIONS OF POLES AND CABINETS FROM LOCATIONS SHOWN ON PLANS SHALL BE APPROVED BY CITY TRAFFIC ENGINEERING OPERATIONS. CONSTRUCTION OF NEW FOUNDATIONS SHALL BE COORDINATED WITH OTHER CONSTRUCTION ACTIVITIES TO ASSURE THAT THE TOPS OF ALL FOUNDATIONS ARE FLUSH WITH ADJACENT SIDEWALK, THAT ALL STRAIGHT SIDES ARE PARALLEL TO SIDEWALK JOINTS AND BACK OF CURBS, AND THAT FOUNDATIONS WILL BE OUTSIDE OF RAMP SLOPES. LOCATIONS OF CONDUITS AND PULL BOXES ARE SCHEMATIC AND MAY BE ADJUSTED IN THE FIELD TO CLEAR EXISTING UTILITIES OR FOR CONSTRUCTABILITY.
- THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
- THE CONTRACTOR SHALL BORE, DRILL, OR PUSH WHEN CROSSING EXISTING PAVEMENTS AND ANY DRIVEWAYS FOR SIDE STREET CROSSINGS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE GAS LINES WHICH CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE. CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.
- SPlicing OF COMMUNICATIONS CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPlicing OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPlice CABINETS OR CONTROLLER CABINETS WITH SPlice BARS. SPlicing OF TRAFFIC SIGNAL MCC WILL BE PERMITTED IN LARGE PULL BOXES INCLUDING LARGE MEDIAN PULL BOXES. SPlicing OF VIDEO DETECTION COAXIAL CABLE AND OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED (FROM THE FIELD UNIT TO THE CONTROLLER CABINET).
- ALL LOOP LEAD-IN CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY PHASE AND LOOP NUMBER. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLE SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
- ALL PULL BOXES SHALL BE REINFORCED POLYMER MORTAR HEAVY DUTY TYPE WITH REINFORCED POLYMER MORTAR HEAVY DUTY COVERS. CONCRETE COVERS, STEEL COVERS, AND CONCRETE PULL BOXES WILL NOT BE ACCEPTABLE.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS (857-8000) THREE WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL ASSIST THE CONTRACTOR IN FIELD LOCATION OF EQUIPMENT, COLOR CODING OF WIRING, AND MUST BE PRESENT WHEN SIGNALS AND LIGHTING ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED.
- THE CONTRACTOR SHALL NOTIFY PUBLIC SERVICE COMPANY 30 DAYS IN ADVANCE OF ANTICIPATED POWER SERVICE CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WITH PUBLIC SERVICE COMPANY TO ESTABLISH ELECTRICAL SERVICE IN THE CITY'S NAME. THE CONTRACTOR SHALL PAY THE LOCAL POWER COMPANY ALL COSTS TO PROVIDE ELECTRICAL SERVICE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- ALL CONDUIT GROUNDS SHALL BE INSULATED GREEN # 8 AWG CONDUCTORS IN LIEU OF THE SPECIFIED BARE COPPER.
- LIVE UNUSED CONDUCTORS WILL NOT BE ALLOWED AT MASTARM POLES AND PEDESTAL POLES. ALL UNUSED CONDUCTORS SHALL BE CAPPED AND WATER PROOFED WITH CRIMPED ON NYLON WIRE CAPS.
- IF TRENCH WIDTHS LESS THAN 12" ARE PROPOSED BY THE CONTRACTOR, APPROVED COMPACTION METHODS SHALL BE USED DURING BACKFILL TO PREVENT LATENT TRENCH FAILURES. THE CONTRACTOR SHALL USE GROUT OR LEAN FILL AS APPROVED BY THE PROJECT MANAGER IN LIEU OF EARTH BACKFILL.
- FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES, THE REQUIREMENTS FOR A SINGLE CONDUCTOR COPPER #8 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRIC CODE.
- EXISTING CONDUITS TO BE REMOVED OR ABANDONED AND SHALL HAVE ALL WIRING REMOVED.
- EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, AND/OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULLBOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
- THE CONTRACTOR SHALL ARRANGE TO HAVE OFF-DUTY POLICE OFFICERS DIRECT TRAFFIC WHEN SIGNALS ARE TURNED OFF.
- ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM "AS-BUILT" DRAWINGS AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING. IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

INCIDENTAL ITEMS *

- REMOVAL OF EXISTING PULL BOXES, CONDUITS, POLES AND OTHER SIGNAL EQUIPMENT FOR INSTALLATION OF NEW SIGNAL EQUIPMENT.
 - CABLE TESTING AND DIAGRAMS.
 - BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVEPADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, CURB & GUTTER, AND LANDSCAPING (INCLUDING SPRINKLERS), 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 ALL LINES WHEN BORING.
 - DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL.
 - APPRIISING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
 - HAULING OF MATERIAL TO BE DISPOSED.
 - REMOVAL, SALVAGE, AND TRANSPORTATION OF EXISTING SIGNAL EQUIPMENT TO THE CITY TRAFFIC ENGINEERING OPERATIONS YARD.
 - LEAN FILL FOR CONDUIT TRENCHES.
 - PULL BOX ADJUSTMENT TO GRADE.
 - OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL.
 - REMOVAL AND REPLACEMENT IN KIND OR BETTER OF LANDSCAPING INCLUDING SPRINKLERS, FOR INSTALLATION OF PULL BOXES, CONDUITS AND SIGNAL FOUNDATIONS.
 - REMOVAL AND REINSTALLATION OF EXISTING INTERCONNECT COMMUNICATION CABLE IN NEW RELOCATED CONDUIT RUNS.
- * 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.

TRAFFIC SIGNAL EQUIPMENT REQUIREMENTS

- EMERGENCY VEHICLE PRE-EMPT OPTICAL DETECTOR 3M SINGLE OR EQUIVALENT AND LEAD-IN CABLE. CONTRACTOR SHALL COORDINATE MODEL AND TYPE WITH CITY OF ALBUQUERQUE TRAFFIC OPERATIONS.
- THIS PROJECT INVOLVES THE INSTALLATION OF A VIDEO CAMERA. CONTRACTOR SHALL COORDINATE MODEL AND TYPE WITH CITY OF ALBUQUERQUE TRAFFIC OPERATIONS.
 - AN ECONOLITE "AUTOSCOPE" SOLO OR "AUTOSCOPE" (LATEST VERSION), ITERIS (LATEST VERSION) OR TRAFCON (LATEST VERSION). ALL NECESSARY CABLES, HARNESSSES, MATERIALS, FITTINGS, AND MISCELLANEOUS COMPONENTS NECESSARY TO PROVIDE A COMPLETE AND OPERATING SYSTEM AT THE SIGNALIZED INTERSECTION.
 - FIXED VIDEO CAMERA WITH ZOOM CAPABILITY MOUNTED AT LOCATION SHOWN ON PLANS.
 - VIDEO POWER CABLE SHALL BE A THREE CONDUCTOR #12 AWG TWISTED POWER SERVICE CABLE.
- ALL INDICATIONS OF ALL VEHICLE SIGNAL ASSEMBLIES AND ALL PEDESTRIAN SIGNAL INDICATORS SHALL BE LED SIGNALS OF A TYPE AND MANUFACTURER APPROVED BY THE CITY OF ALBUQUERQUE. PEDESTRIAN SIGNALS SHALL ALSO INCLUDE "COUNTDOWN" INDICATIONS.
- ALL SIGNAL ASSEMBLIES, PEDESTRIAN SIGNALS, PEDESTRIAN PUSH BUTTONS, CABINETS, AND FITTINGS SHALL COMPLY WITH THE CITY OF ALBUQUERQUE TYPE AND COLOR FINISH REQUIREMENTS.

DEFINITIONS

- "ENGINEER" - FOR THE PURPOSES OF THIS PROJECT, THE TERM "ENGINEER" IS SYNONYMOUS WITH THE TERM "PROJECT MANAGER".

TRAFFIC SIGNAL LEGEND

NEW	EXISTING	ITEM
		PULL BOX
		SERVICE POLE
		METER PEDESTAL
		CONTROLLER CABINET
		CONDUIT RUN (SIGNALS)
		CONDUIT RUN (INTERCONNECT)
		LOOP DETECTOR
		TRAFFIC SIGNAL PEDESTAL POLE
		CONDUIT RUN NUMBER (SIGNAL)
		CONDUIT RUN NUMBER (POWER SERVICE)
		CONDUIT RUN NUMBER (INTERCONNECT)
		CONDUIT RUN NUMBER (WARNING BEACON)
		TYPE II STANDARD WITH MASTARM, TRAFFIC SIGNAL, BACKPLATE, AND OPTICAL DETECTOR
		TRAFFIC SIGNAL, BACKPLATE, OPTICAL DETECTOR, LUMINAIRE, AND VIDEO CAMERA
		PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		SPlice CABINET
		TRAFFIC MANHOLE
		VIDEO CAMERA

ESTIMATED SIGNAL QUANTITIES

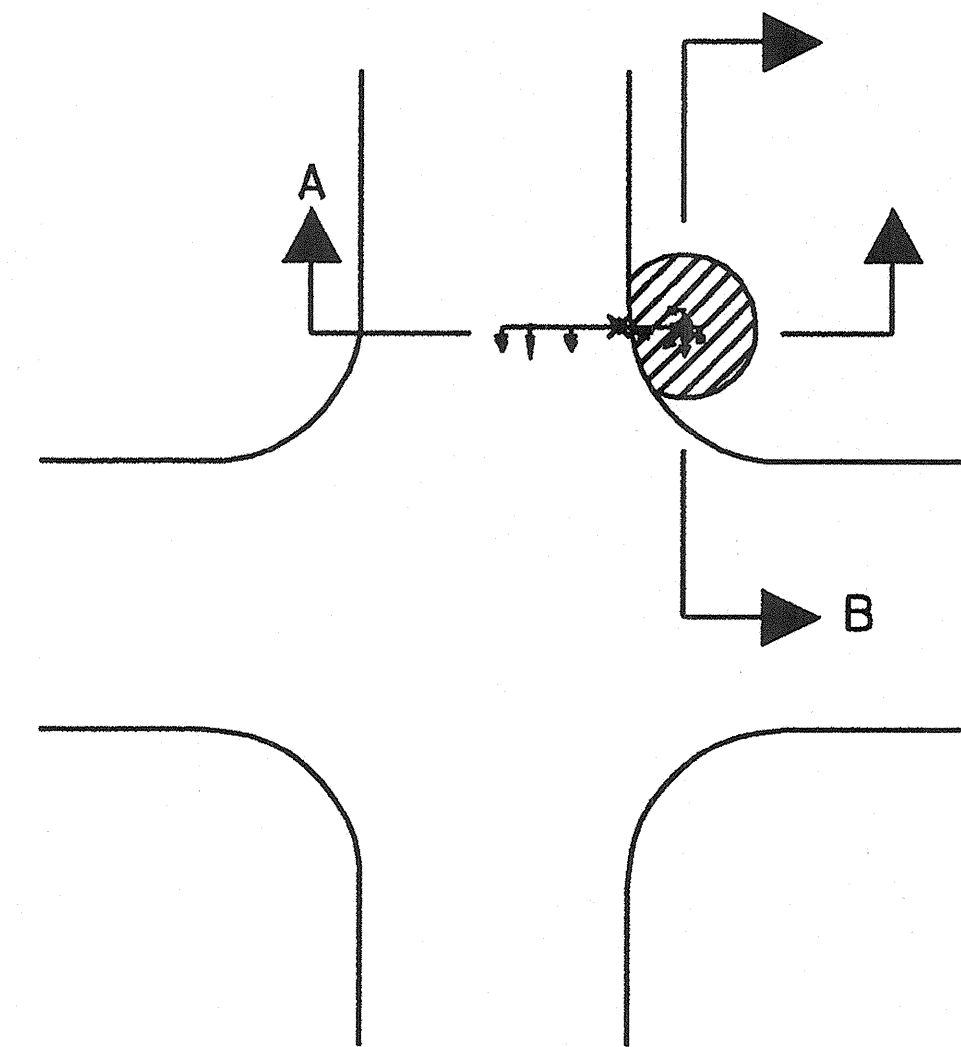
ITEM ID NUMBER	ITEM DESCRIPTION	UNIT	PROJECT TOTAL
422.018	TRAFFIC SIGNAL MASTARM, 35' ARM, TYPE II, TROMBONE, CIP.	EACH	1
423.002	TRAFFIC SIGNAL MASTARM FOUNDATION, CIP.	EACH	1
423.101	TRAFFIC SIGNAL FOUNDATION FOR MASTARM, REMOVE & DISPOSE, COMPL.	EACH	1
424.016	ELECTRICAL CONDUIT, 4" INCL. PUSHING, BORING, & JACKING, CIP.	LF	175
425.003	ELECTRICAL PULL BOX, LARGE, CIP	EACH	2
426.010	MULTI-CONDUCTOR CABLE #5, CIP	LF	185
426.011	MULTI-CONDUCTOR CABLE #7, CIP	LF	15
426.014	MULTI-CONDUCTOR CABLE #20, CIP	LF	810
427.002	3 SECTION TRAFFIC SIGNAL ASSEMBLY, CIP.	EACH	3
427.004	5 SECTION TRAFFIC SIGNAL ASSEMBLY, CIP.	EACH	1
427.024	PEDESTRIAN SIGNAL, LED, WITH COUNTDOWN, CIP.	EACH	2
427.031	3 SECTION BACKPLATE, CIP.	EACH	2
428.010	PUSH BUTTON STATION, CIP.	EACH	2
428.075	OPTICAL DETECTOR 1D/1C, CIP.	EACH	1
428.078	OPTICAL DETECTOR CABLE, CIP.	LF	405
428.092	VIDEO COAXIAL CABLE, CIP.	LF	405
428.093	VIDEO POWER CABLE, CIP.	LF	405
428.094	VIDEO CAMERA, CIP.	EACH	1

WILSON & COMPANY

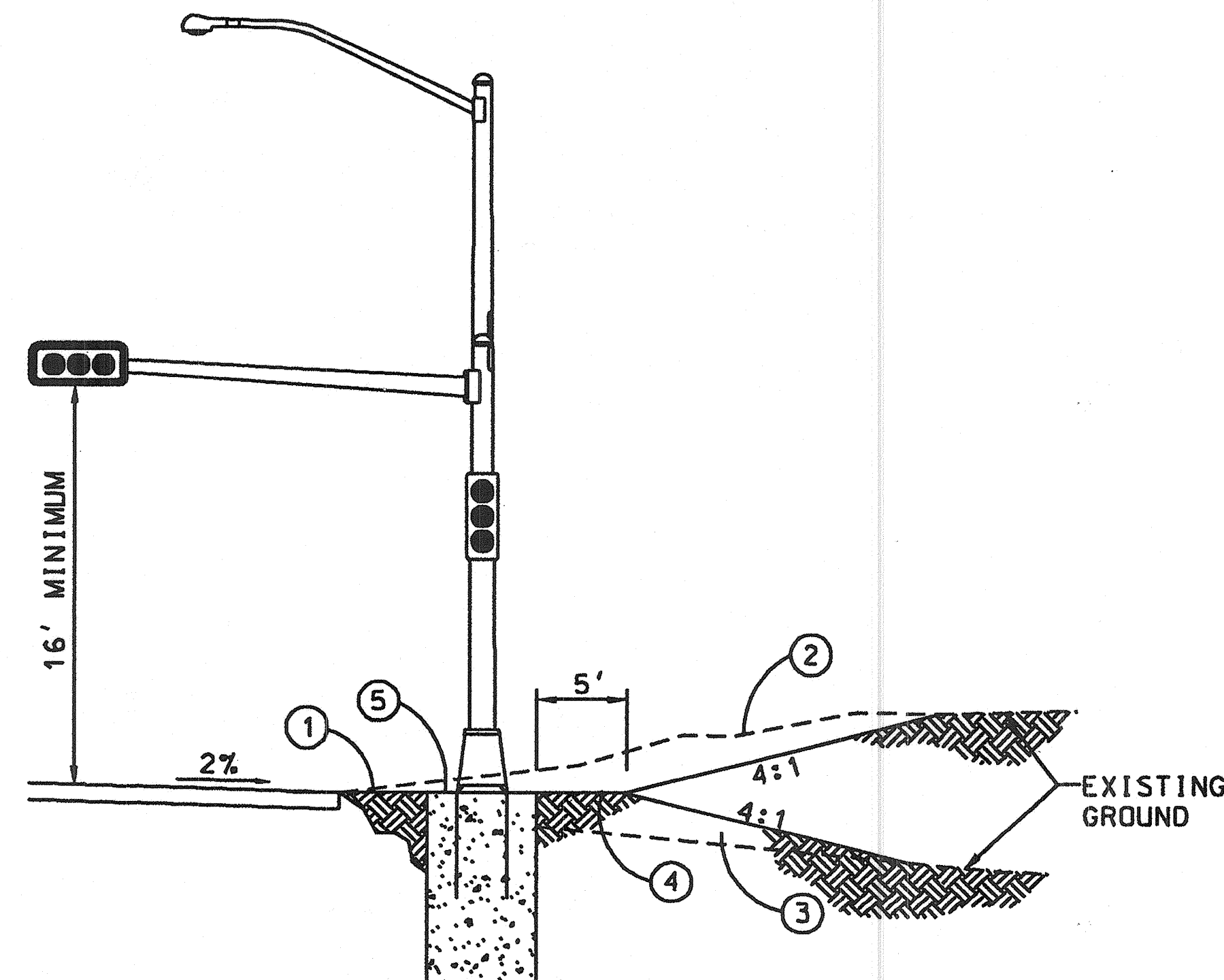
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS TRAFFIC SIGNAL GENERAL NOTES			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	APPROVED FEB 07 2008 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	17	26

ELLO CADD MASTER

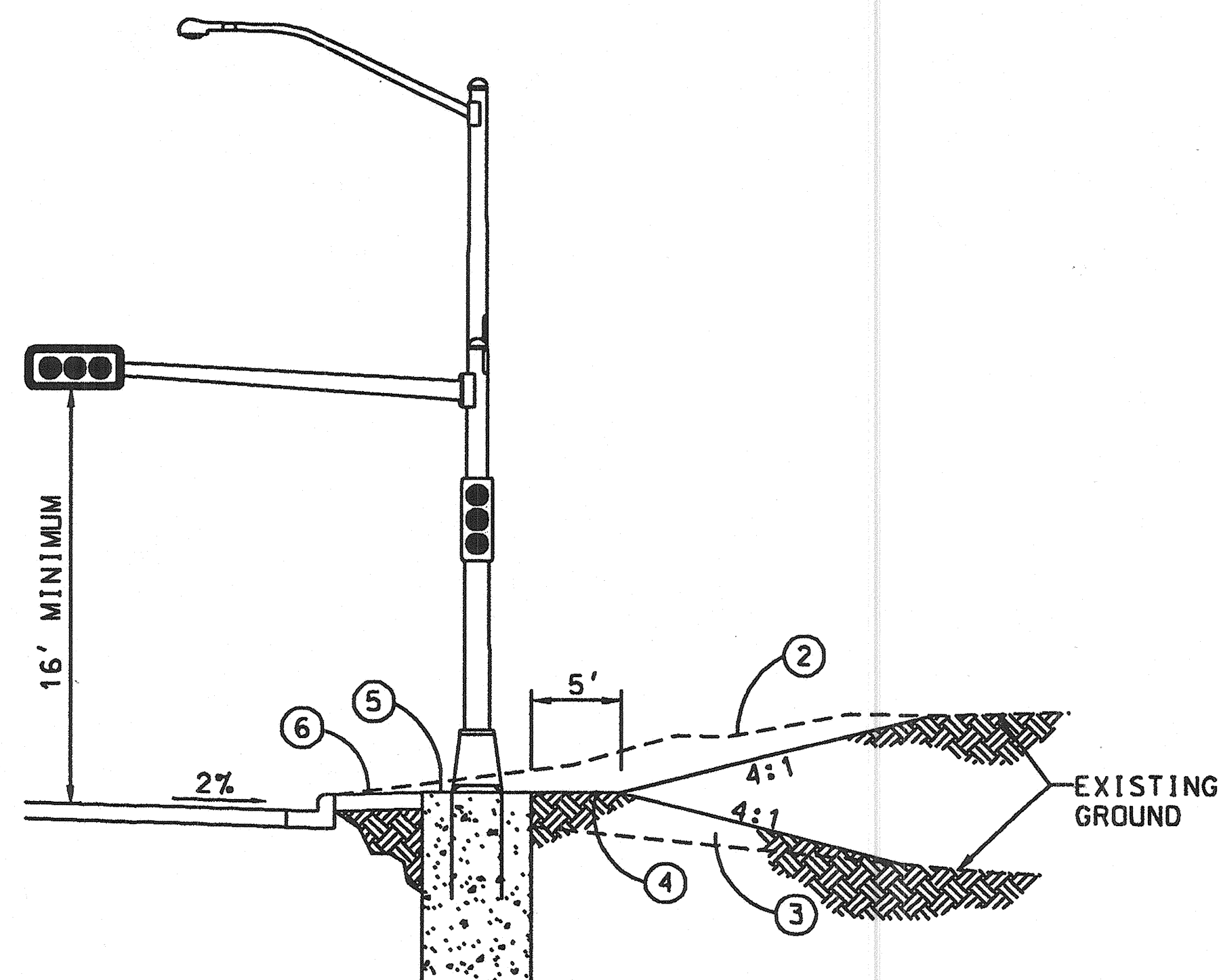




PLAN VIEW

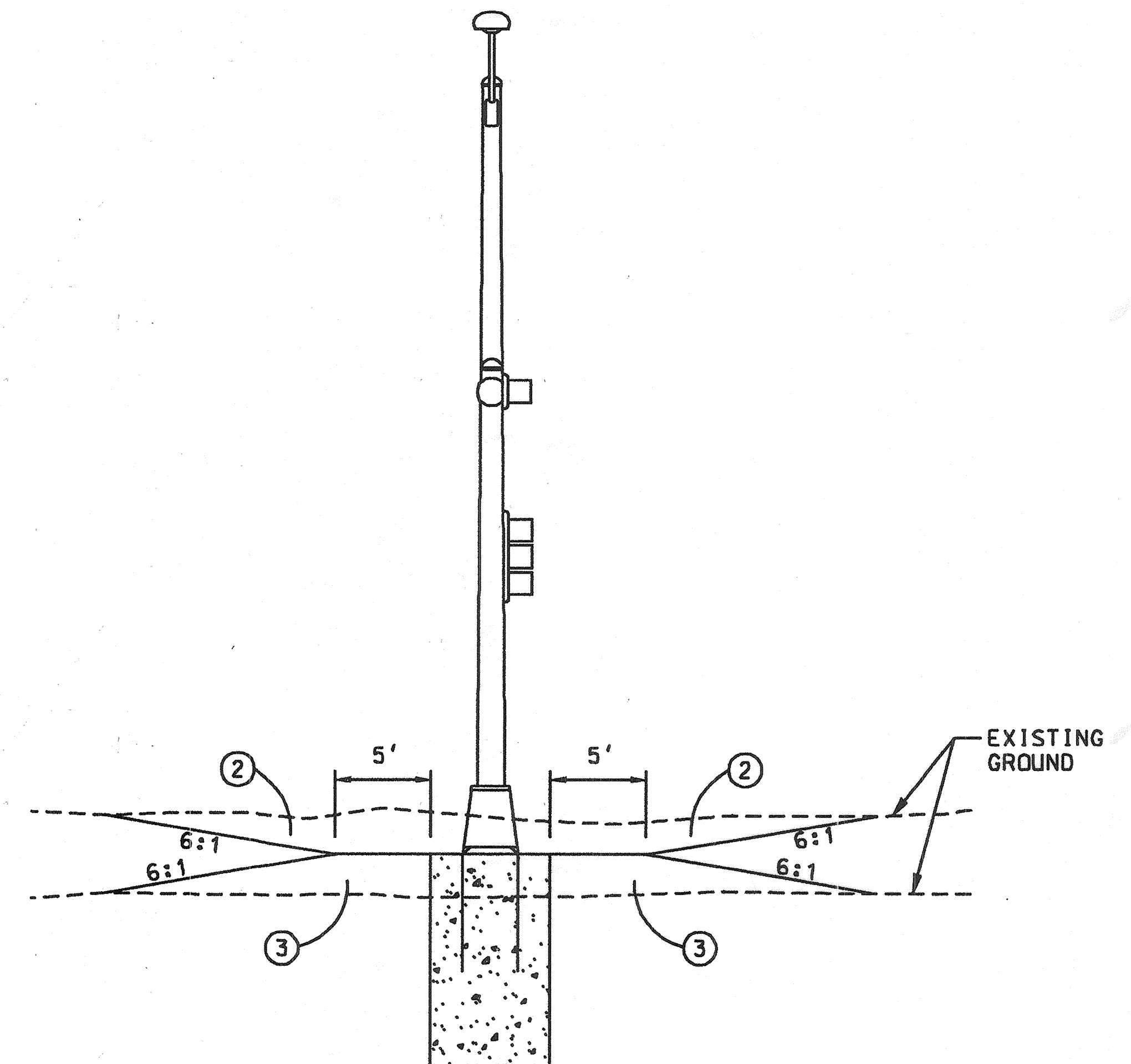


SECTION A (W/OUT SIDEWALK)



SECTION A (W/SIDEWALK)

MASTARM FOUNDATION GRADING DETAIL



SECTION B

NOTES

1. ALL GRADING FOR MASTARM INSTALLATION SHALL BE WITHIN THE RIGHT-OF-WAY UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR AND PROJECT MANAGER SHALL AGREE ON THE FOOTING ELEVATION BEFORE INSTALLATION.

KEYED NOTES

- ① GRADE TO NEW MASTARM FOUNDATION
- ② EXCAVATE AS REQUIRED TO BUILD NEW MASTARM FOUNDATION
- ③ EMBANKMENT AS REQUIRED TO BUILD NEW MASTARM FOUNDATION
- ④ GRADE TO DRAIN AWAY FROM NEW MASTARM
- ⑤ APPROXIMATE FOUNDATION ELEVATION SHOWN ON SIGNAL PLANS
- ⑥ FOUNDATION TO BE OUTSIDE OF SIDEWALK AREA AND SHALL CONFORM WITH ADA

NO.	DATE	REV. BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
MASTARM FOUNDATION GRADING DETAIL			
APPROVED	DESIGN ENGINEER	DATE	
DESIGNED BY	DRAWN BY	CHECKED BY	
708S-03-1/1			

LIGHTING NOTES

1.

LOCATIONS OF CONDUIT, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD 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.
2.

CONTRACTOR SHALL CONTACT NMDOT FOR APPROVED PRODUCTS LISTING FOR ROADWAY LIGHTING COMPONENTS.
3.

ALL WIRE ON THIS PROJECT TO BE COPPER ONLY.
4.

LIGHT STANDARDS SHALL HAVE A BREAKAWAY SYSTEM.
5.

ALL ROADWAY AND CIRCUITS ON THIS PROJECT SHALL BE 240 VOLTS.
6.

ALL PULL BOXES INSTALLED FOR ROADWAY, OVERHEAD SIGN STRUCTURES OR PEDESTRIAN LIGHTING SHALL BE STANDARD.
7.

CONTRACTOR SHALL REMOVE EXISTING CONDUITS AND PULL BOXES THROUGH OUT THE PROJECT AS DIRECTED BY PROJECT MANAGER.
8.

REWIRING OF EXISTING LUMINAIRES TO REMAIN, TO BE REMOVED AND RESET, AND CONNECTIONS TO NEW CIRCUITS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
9.

ALL ROADWAY LUMINAIRES AND TYPE V STANDARDS WHICH ARE REMOVED SHALL BE SALVAGED AND DELIVERED TO THE CITY YARDS BY THE CONTRACTOR.
10.

EACH TIME A ROADWAY LUMINAIRE IS TURNED ON OR OFF THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:

PUBLIC SERVICE CO. OF NEW MEXICO

CITY OF ALBUQUEQUE TRAFFIC ENGINEERING OPERATIONS

CITY PROJECT MANAGER

POWER SHALL NEITHER BE TURNED ON OR OFF UNTIL RESPONSIBLE PARTIES FOR EACH LIGHTING SYSTEM HAVE BEEN NOTIFIED.
11.

RESPONSIBILITY AND MAINTENANCE OF LIGHTING SYSTEMS INSTALLED AS PART OF THIS PROJECT SHALL BE AS FOLLOWS:

A.

ROADWAY LIGHTING SYSTEM INCLUDING MEDIAN AND RAMP LIGHTING SHALL BE ACCEPTED AND MAINTAINED BY CITY OF ALBUQUERQUE AND THE LOCAL POWER COMPANY. THE CONTRACTOR SHALL PROVIDE THE COA AND THE LOCAL POWER COMPANY FIVE (5) WORKING DAYS NOTICE IN ADVANCE OF TURNING ON THE SYSTEM SO AS TO ALLOW THE COA AND THE LOCAL POWER COMPANY TO INSPECT AND APPROVE THE SYSTEM BEFORE IT IS TURNED ON.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND COST OF ENERGIZNG ALL LIGHTING SYSTEM UNTIL SUCH TIME THAT THE APPROPRIATE OWNER AND MAINTAINING AGENCY ACCEPT THE RESPONSIBILITY FOR THEIR RESPECTIVE SYSTEMS.
12.

THE DESIGN IS BASED UPON TYPE (III), (250) WATT, (HIGH PRESSURE SODIUM), CUT-OFF LUMINAIRES WITH INDIVIDUAL PHOTO CELLS. THE CONTRACTOR SHALL FURNISH AND INSTALL THIS TYPE OF FIXTURE.
13.

DESIGN IS BASED ON (AMERICAN NATIONAL STANDARDS ROADWAY LIGHTING, RP8, AASHTO) 1.2 fc avg, 3.8 fc max, AND 0.6 fc min.
14.

ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO COST OF THE POLE.
15.

LIGHTING STANDARDS SHALL BE LOCATED PER THE STATION AND OFFSET CALLED FOR ON THE PLANS.
16.

PUBLIC SERVICE COMPANY OF NEW MEXICO 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.
17.

LIGHTS NEAR EXISTING OVERHEAD TRANSMISSION LINES MUST MAINTAIN A 6' VERTICAL CLEARANCE AND / OR A 6' HORIZONTAL CLEARANCE FROM CLOSEST PHASE CONDUCTOR. THE LOCAL POWER COMPANY WILL ASSIST IN MEASUREMENT AND DETERMINATION OF CLEARANCE.
18.

ALL FUSES IN THE FUSED QUICK DISCONNECT SPLICE CONNECTOR LOCATED IN EACH TYPE V POLE BASE, SHALL BE A 5 AMP "SLO BLOW" OR TIME DELAY TYPE.
19.

ALL ROADWAY LUMINAIRES SHALL BE OF THE TYPE WITH A SEPARATE DOOR MOUNTED POWER-PAD WITH QUICK DISCONNECT WIRING. ALL ROADWAY LUMINAIRE EXTERIOR HOUSING SHALL BE FINISHED IN MEDIUM BRONZE COLOR MATCHING THE TYPE V STANDARDS.

LIGHTING INCIDENTAL ITEMS

1.

ANCHOR BOLTS FOR FOUNDATIONS.
2.

GROUND RODS FOR FOUNDATIONS.
3.

COSTS FOR LOCAL POWER COMPANY TO PROVIDE POWER SERVICE.
4.

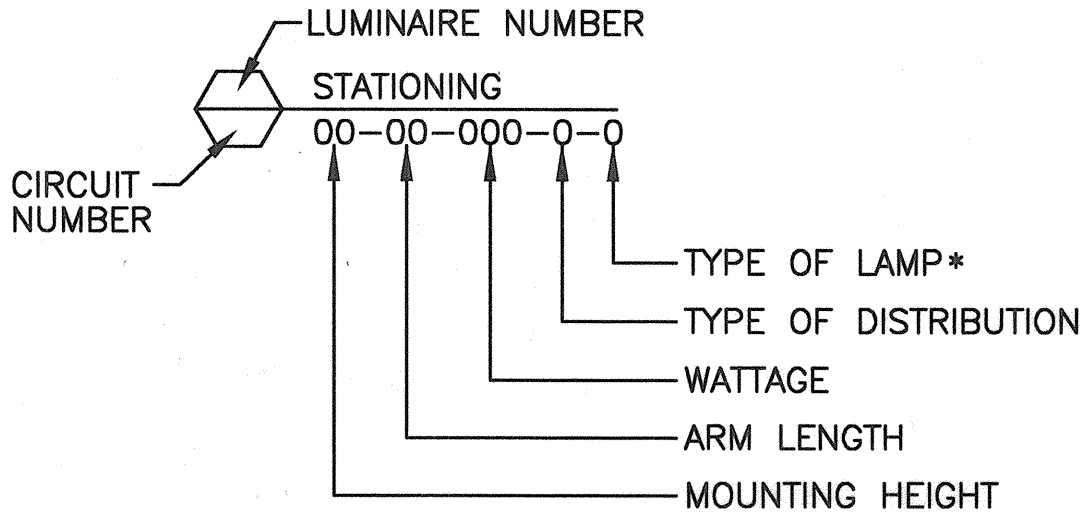
CONCRETE FOUNDATION FOR LIGHTING CONTROL CABINETS INCLUDING EXCAVATION, BACKFILL, CONCRETE, GROUNDRODS, AND ANCHOR BOLTS.
5.

REWIRING OF ANY EXISTING LUMINAIRES TO REMAIN OR BE RESET.
6.

REMOVAL OF EXISTING PULL BOXES AND WIRING TO BE ABANDONED OR DISCONNECTED UNDER THIS PROJECT.

LIGHTING LEGEND

NEW	EXISTING	ITEM
		LIGHTING STANDARD WITH LUMINAIRE AS INDICATED
		CONDUIT RUN
		PULL BOX
		JUNCTION BOX
		SERVICE POLE WITH SERVICE RISER
		LIGHTING CONTROL CABINET



LAMP TYPES*

- H = MERCURY
- M = METAL HALIDE
- S = SODIUM

ESTIMATED LIGHTING QUANTITIES

ITEM ID NUMBER	ITEM DESCRIPTION	UNIT	PROJECT TOTAL
421.016	SERVICE CONNECTION (LIGHTING), CIP	EACH	1
422.032	STREET LIGHT STANDARD, SINGLE ARM, 40', (TYPE DAVIT), CIP.	EACH	2
423.021	LUMINAIRE FOUNDATION FOR LUMINAIRE HEIGHT OF 40' OR MORE, CIP	EACH	2
424.006	ELECTRICAL CONDUIT, 2", INCL. TRENCHING, BACKFILL, PATCHING, PUSHING, BORING, & JACKING, CIP	LIN. FT.	220
424.011	ELECTRICAL CONDUIT, 3", INCL. TRENCHING, BACKFILL, PATCHING, PUSHING, BORING, & JACKING, CIP	LIN. FT.	220
425.002	ELECTRICAL PULL BOX (STANDARD), CIP	EACH	1
426.003	SINGLE CONDUCTOR, #6, CIP	LIN. FT.	1170
426.004	SINGLE CONDUCTOR, #8, CIP	LIN. FT.	585
432.001	ROADWAY LUMINAIRE, TYPE 250S, CIP	EACH	2

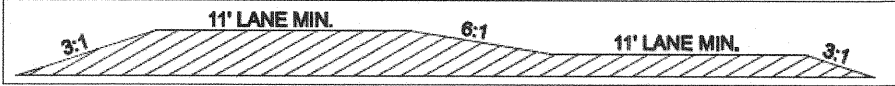
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR		ACCS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EPOXIED TO TOP OF CONCRETE DROP INLET, ENE		FIELD NOTES		NEW MEXICO 17168 R. FERRA LICENSED PROFESSIONAL ENGINEER	
DATE		QUADRANT OF PASEO DEL NORTE & I-25 WEST FRONTAGE ROAD, NE., CENTERED ON SAID DROP INLET.		BY		REVISIONS	
DATE		ON SAID DROP INLET.		NO.		REMARKS	
DATE		(2nd-Order, 1st.-Class)		DATE		WILSON & COMPANY, ENGINEERS & ARCHITECTS	
DATE		ELEVATION = 5195.103 Ft. (NGVD29)		DATE		DESIGNED BY	
DATE				DATE		DRAWN BY	
DATE				DATE		CHECKED BY	
DATE				DATE		SGG	

WILSON & COMPANY

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS LIGHTING NOTES, LEGEND, INCIDENTAL ITEMS AND QUANTITIES			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 07 2008 DESIGN REVIEW COMMITTEE	APPROVED FEB 07 2008 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	20	26

TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR/TCP FIRM MUST ADHERE TO THE DATES AND TIMES LISTED ON THE TCP PERMIT. FAILURE TO DO SO WILL RESULT IN THE PERMIT BEING REVOKED.
2. THE NMDOT RESERVES THE RIGHT TO MAKE ANY CHANGES AND/OR MODIFICATIONS TO THE APPROVED TRAFFIC CONTROL PERMIT.
3. THE CONTRACTOR/TCP FIRM SHALL ADHERE TO ALL THE REQUIREMENTS LISTED IN THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. IN THE AREAS OF PAVEMENT OPERATIONS OR OTHER ACTIVITIES WITHIN THE TRAVELED WAY AND ADJACENT TO THE EXISTING TRAVELED LANE, THE CONTRACTOR SHALL ASSURE THAT NO PAVEMENT DROP-OFFS ARE LEFT EXPOSED DURING NON-WORKING HOURS. THE CONTRACTOR SHALL INITIATE CORRECTIVE MEANS AS PER "THE NEW MEXICO DEPARTMENT OF TRANSPORTATION PAVEMENT DROP-OFF GUIDELINE" TO ACHIEVE A MINIMUM 6:1 SLOPE BETWEEN TRAVELED LANES AND A MINIMUM 3:1 SLOPE ADJACENT TO THE EXISTING TRAVELED LANE WITH TWO 11FOOT DRIVING LANES AS SHOWN IN THE DETAIL BELOW.



5. THE CONTRACTOR/TCP FIRM WILL BE REQUIRED TO COVER UP ALL CONFLICTING SIGNS WITHIN OR IN ADVANCED OF WORK ZONE.
6. IN COVERING UP ANY CONFLICTING SIGNS, THE CONTRACTOR IS TO USE AN APPROVED METHOD OF COVERING EXISTING SIGNING SO AS NOT TO DAMAGE/DISTORT SIGN SHEETING OR MARKINGS. THE CONTRACTOR/TCP FIRM SHALL NOT PLACE A PATCH ON THE SIGN AND TAPE THE PATCH DIRECTLY TO THE FACE OF THE SIGN. FAILURE TO ADHERE TO THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR/TCP FIRM BEING REQUIRED TO REPLACE THE SIGN.
7. THE CONTRACTOR/TCP FIRM SHALL NOT PLACE A LANE DROP TAPER ALONG A HORIZONTAL CURVE. THE LANE DROP TAPER SHALL BE PLACED IN ADVANCE OF THE HORIZONTAL CURVE SO THAT IT IS VISIBLE TO ALL ONCOMING TRAFFIC.

8. ON CREST VERTICAL CURVES, THE CONTRACTOR/TCP FIRM SHALL PLACE LANE DROPS IN ADVANCE OR AT THE BEGINNING OF THE CURVE TO ENHANCE VISIBILITY OF THE LANE DROP TO ONCOMING TRAFFIC.

9. THE FOLLOWING REFLECTIVITY MATERIAL SHALL BE USED ON ALL SIGNING PLACED ON NMDOT ROADWAYS.

SIGN	SIGN CODE	COLOR	LETTER SHEETING	BACKGROUND SHEETING
APPROACH SIGNS	W20-1,2,3,4,5, 7	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
CHEVRONS	W1-8	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
CURVES	W1-2	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
REVERSE CURVE	W1-4	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
MERGE	W4-1	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
NO PASSING ZONE	W14-3	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
FLAGGER PADDLE		(BLK/FLOURESCENT Orange side one with Red on side 2)	-----	Type VII, VIII or IX
ALL DRUMS		(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
All Other Const. Signs		Black on Orange		Type III

10. IF ANY OF THE SIGNS AND/OR TRAFFIC CONTROL DEVICES, ON THE ATTACHED TCP, ARE BEING USED OVERNIGHT THE FOLLOWING MINIMUM REFLECTIVITY STANDARDS SHALL BE REQUIRED:

MINIMUM MAINTAINED RETROREFLECTIVITY LEVELS							
SIGN COLOR	CRITERIA	SHEETING TYPE (ASTN D4956-01a)					
		I	II	III	VII	VIII	IX
WHITE ON RED	SEE NOTE 1	35/7					
BLACK ON ORANGE OR YELLOW	SEE NOTE 2	*			50		
	SEE NOTE 3	*			75		
BLACK ON WHITE		50					
WHITE ON GREEN	OVERHEAD	1/17	1/15	1/25		250/25	
	SHOULDER	1/17				120/15	

NOTES:
LEVELS IN CELLS REPRESENT LEGEND RETROREFLECTIVITY // BACKGROUND RETROREFLECTIVITY
(FOR POSITIVE CONTRAST SIGNS). UNITS ARE #/sq.in. 1 MEASURED AT AN OBSERVATION ANGLE OF 0.2°
1 MINIMUM CONTRAST RATIO ? 3:1 (WHITE RETROREFLECTIVITY + RED RETROREFLECTIVITY).
2 FOR TEXT SIGNS MEASURING 48 INCHES OR MORE AND ALL BOLD SYMBOL SIGNS.
3 FOR TEXT SIGN MEASURING LESS THAN 48 INCHES AND ALL FINE SYMBOL SIGNS.
SHEETING TYPE SHOULD NOT BE USED.

11. THE CONTRACTOR/TCP FIRM SHALL CONTACT MR. PHIL GALLEGOS, D3 PUBLIC INFORMATION OFFICER (PIO), AT LEAST 48 HOURS BEFORE ANY WORK LISTED IN THE TCP IS PERFORMED, TO CONFIRM THE ACTUAL START DATES OF THE CONSTRUCTION. MR. GALLEGOS CAN THEN PUBLISH THE UPCOMING WORK IN THE DISTRICT THREE TRAFFIC REPORT. MR. GALLEGOS CAN BE REACHED AT 841-2700.

12. ALL TRAFFIC DEVICES SHALL BE KEPT CLEAN THROUGHOUT THE DURATION OF THE PROJECT. ANY SIGN THAT IS TAGGED BY GRAFFITI SHALL BE CLEANED WITHIN 24 HOURS OR REMOVED AND REPLACED.

13. "BUMP", "LOOSE GRAVEL", "LANE DROP-OFF SIGN" SIGN PLACEMENT THE CONTRACTOR SHALL PLACE W8-1-48 SIGNS ("BUMP" - B/FO), W8-7-48 SIGNS ("LOOSE GRAVE" - B/FO) AND/OR W8-9A-48 SIGNS ("SHOULDER DROP-OFFS" - B/FO) IN ADVANCE OF BRIDGE APPROACHES OR OTHER LOCATIONS DURING COLD MILLING AND OVERLAY OPERATIONS AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. SEE STANDARD DRAWING 702-01-1/3 FOR SIGN DETAILS.

14. PLACEMENT OF THE SEQUENTIAL ARROW SHALL BE AT OR NEAR THE BEGINNING OF THE LANE CLOSURE TAPER. IN AREAS OF INSUFFICIENT PAVEMENT WIDTH, THE SEQUENTIAL ARROW MAY BE PLACED WITHIN THE TAPER, BUT NOT TO EXCEED 1/2 THE TAPER LENGTH. IN ALL CASES, THE SEQUENTIAL ARROW SHALL BE PLACED BEHIND THE CHANNELIZATION DEVICES.

15. ALL SIGNING ON THE INTERSTATE AND ON HIGH SPEED 4 LANE DIVIDED FACILITIES SHALL BE DOUBLE INDICATED.

16. ALL SIGNS THAT ARE PART OF WORK ZONE THAT IS IN PLACE FOR MORE THAN 3 DAYS SHALL BE PLACED ON POSTS.

17. COVERING EXISTING WHITE AND YELLOW STRIPES WITH BLACK PAINT AS A METHOD OF STRIPE REMOVAL IS STRICTLY PROHIBITED.

18. ALL WARNING AND REGULATORY SIGNS SHALL MEET THE FOLLOWING SIZE REQUIREMENTS:
A. INTERSTATE: WARNING SIGN 48"x48" REGULATORY 48"x60"
B. NON-INTERSTATE: WARNING SIGN 36"x36" REGULATORY 36"x42"

19. ALL CWB ENDS, WITHIN THE CLEAR ZONE, HAVE TO BE PROTECTED WITH AN APPROVED CRASH CUSHION ATTENUATOR (APPROVED BASED ON THE DESIGN SPEED OF THE ROAD).

20. WHEN FLARING THE LEADING END OF A TEMPORARY CONCRETE WALL BARRIER (TCWB) WITHIN A CONSTRUCTION WORK ZONE, THE FLARE RATE SHALL BE DONE IN ACCORDANCE WITH THE RATES SHOWN IN THE TABLE BELOW:

Roadway Speed Limit	Minimum Taper/Flare Rate	Desirable Taper/Flare Rate
Less than 45 MPH	8:1	18:1
Between 45 MPH and 55 MPH	10:1	24:1
Greater than 55 MPH	15:1	30:1

21. WHEN CWB IS PLACED IN A CONSTRUCTION WORK ZONE, A 5' BUFFER AREA IS STRONGLY RECOMMENDED BETWEEN THE TEMPORARY CONCRETE WALL BARRIER AND THE WORK ZONE TO ACCOMMODATE BARRIER DEFLECTION. WHEN A 5' BUFFER AREA IS NOT ATTAINABLE, CONSIDERATION SHALL BE GIVEN TO ANCHORING THE TCWB TO THE PAVEMENT SURFACE. (SEE ATTACHMENT "B" - NOTE 8 IN STANDARD DRAWING 606-20-1/4 DATED 1/11/2005).

22. ALL CONSTRUCTION SIGNING SHALL HAVE A TYPE III OR HIGHER REFLECTIVE BACKGROUND.

23. ALL DEVICES THAT ARE PLACED WITHIN THE NMDOT R/W SHALL ADHERE TO SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION - IN THE LATEST EDITION OF THE NMDOT SPECIFICATION BOOK.

24. ALL STATIONARY OBJECTS WITHIN CLEAR ZONE SHALL BE PROPERLY SHIELDED AND OUTLINED WITH DRUMS MOUNTED WITH TYPE "A" WARNING LIGHTS. USE OF VERTICALLY MOUNTED RETRO-REFLECTIVE MATERIAL IN LIEU OF A TYPE A WARNING LIGHT IS STRICTLY PROHIBITED.

25. USE OF TYPE I OR II BARRICADES FOR APPROACH TAPERS ON RURAL INTERSTATE OR SECONDARY ROADWAYS ARE PROHIBITED.

26. ANY EQUIPMENT, MATERIALS, OR VEHICLES STORED WITHIN ROW SHALL BE OUTSIDE OF CLEAR ZONE (BASED ON EXISTING POSTED SPEED).

27. ANY EQUIPMENT, MATERIAL OR VEHICLE STORED WITHIN CLEAR ZONE SHALL BE PROPERLY SHIELDED.

28. MATERIALS, WORK ACTIVITIES, EQUIPMENT, AND VEHICLES SHALL NOT BE STORED WITHIN THE ESTABLISHED BUFFER SPACE.

29. ALL CONSTRUCTION EQUIPMENT, VEHICLES AND MATERIALS SHALL REMAIN BEHIND TRAFFIC CONTROL DEVICES.

30. ALL TRAFFIC CONTROL DEVICE TYPES, QUANTITIES AND SPACING SHALL NOT DEVIATE FROM THE APPROVED TRAFFIC CONTROL PLAN. ANY CHANGES TO THE TRAFFIC CONTROL PLAN MUST BE APPROVED BY THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.

31. THE FOLLOWING TAPER LENGTHS, BUFFER ZONE, AND SPACING OF DEVICES REQUIREMENTS SHALL BE ADHERED TO:

Posted Speed (MPH)	Merging (L) & Shifting Taper (1/2L) Length (FT.) ¹					Shoulder Taper (FT.) ²				Transition Area/ Calming Zone ³ (2L) (Ft.)	Buffer Space or Distance ⁴ to Flagger Station	Maximum Spacing of Devices (Ft.) ⁵			
	Formula	11' lane	12' Lane	13' Lane	1/3 L				On a Taper			On a Tangent			
					4'	6'	8'	10'							
20	L=WS ² /60	75	40	80	40	85	45	9	13	18	22	160	115	20	40
25		115	60	125	65	135	70	14	21	28	35	250	155	25	50
30		165	85	180	90	195	100	20	30	40	50	360	200	30	60
35		225	115	245	125	265	135	27	41	54	68	490	250	35	70
40		295	150	320	160	345	175	36	53	71	89	640	305	40	80
45	L=WS	495	250	540	270	585	295	60	90	120	150	1080	360	45	90
50		550	275	600	300	650	325	67	100	133	167	1200	425	50	100
55		605	305	660	330	715	360	73	110	147	183	1320	495	55	110
60		660	330	720	360	780	390	80	120	160	200	1440	570	60	120
65		715	360	780	390	845	425	87	130	173	217	1560	645	65	130
70		770	385	840	420	910	455	93	140	187	233	1680	730	70	140
75		825	415	900	450	975	490	100	150	200	250	1800	820	75	150

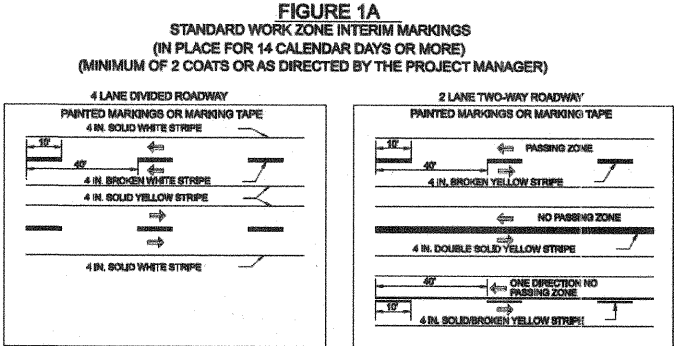
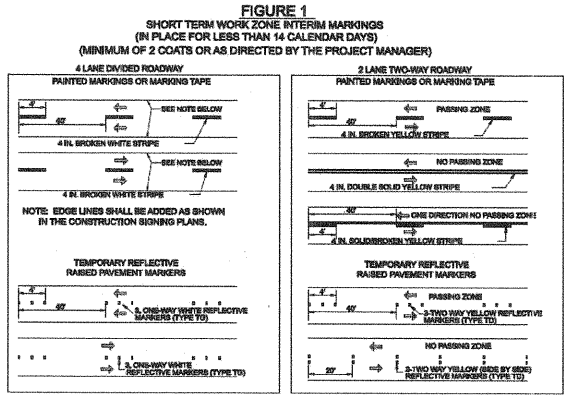
¹ See Section 6C.08 on page 6C-5 and Figure 6C-2 on page 6C-6 of the 2003 MUTCD
² See Section 6C.08 on page 6C-5 and Figure 6C-2 on page 6C-6 of the 2003 MUTCD
³ See Figure 6H-37 on page 6H-79 of the 2003 MUTCD
⁴ See Section 6C.06 on page 6C-04 and 6C-05 of the 2003 MUTCD

32. WORK ZONE INTERIM MARKINGS:

- A. THE CONTRACTOR SHALL PLACE REFLECTORIZED PAINTED MARKINGS ON EACH MARKINGS ON EACH INTERMEDIATE LIFT OF SURFACING OR MILLED SURFACE AT THE END OF DAY'S SURFACING OR MILLING OPERATION. THESE MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR FIGURE 1A ON THIS SHEET. IN THE EVENT THE PAINTED MARKINGS CANNOT BE PLACED AS DESCRIBED ABOVE, THE CONTRACTOR SHALL, WITH THE APPROVAL OF THE PROJECT MANAGER, PLACE MARKING TAPE OR TEMPORARY REFLECTIVE RAISED PAVEMENT MARKERS IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR FIGURE 1A ON THIS SHEET OR AS DIRECTED BY THE PROJECT MANAGER. PAYMENT FOR MARKING TAPE WILL BE PAID FOR UNDER THE UNIT PRICE OF REFLECTORIZED PAINTED MARKINGS, UNLESS OTHERWISE SPECIFIED.

- B. THE CONTRACTOR SHALL PLACE REMOVABLE MARKING TAPE OR TEMPORARY REFLECTIVE RAISED PAVEMENT MARKERS AFTER PLACEMENT OF THE FINAL LIFT OF SURFACING IF PERMANENT MARKINGS ARE NOT PLACED DURING THE SAME WORKING DAY. THESE MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR 1A ON THIS SHEET OR AS DIRECTED BY THE PROJECT MANAGER.

- C. ON ROADWAYS WITH SEVERE CURVATURE, BROKEN-LINE INTERIM MARKINGS WITH HALF-CYCLE LENGTHS AND A MINIMUM OF 2 FOOT STRIPES OR A GROUP OF TWO TEMPORARY REFLECTIVE PAVEMENT MARKINGS SPACED 2 FEET APART MAY BE USED WHERE PASSING IS ALLOWED. INTERIM EDGE LINES OR CHANNELIZATION LINES FOR DELINEATION MAY BE USED AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. PASSING/NO PASSING ZONE SIGNING TO SUPPLEMENT INTERIM MARKINGS FOR DELINEATION MAY BE USED AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. ALL INTERIM MARKINGS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD.



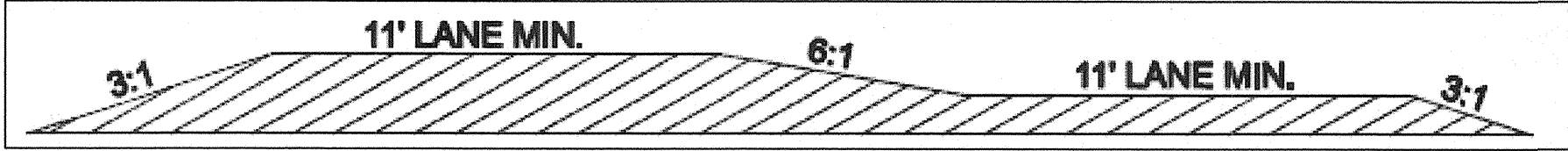
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		NO. DATE	
CONTRACTOR	DATE	ACCS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EPOXY TO TOP OF CONCRETE DROP INLET, ENE QUADRANT OF PASEO DEL NORTE & I-25 WEST FRONTAGE ROAD, NE., CENTERED ON SAID DROP INLET.	DATE	FIELD NO.	DATE	SAUL ALVARADO	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE
WORK STARTED BY	DATE		DATE	BY	DATE		DATE	SGG	DATE	SGG	DATE
ACCEPTANCE BY	DATE		DATE		DATE		DATE	ELO	DATE	ELO	DATE
FIELD NO.	DATE		DATE		DATE		DATE	SFP	DATE	SFP	DATE
RECORDED BY	DATE		DATE		DATE		DATE		DATE		DATE
NO.	DATE		DATE		DATE		DATE		DATE		DATE

WILSON & COMPANY

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION		PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS TRAFFIC CONTROL NOTES	
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	22	26

TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR/TCP FIRM MUST ADHERE TO THE DATES AND TIMES LISTED ON THE TCP PERMIT. FAILURE TO DO SO WILL RESULT IN THE PERMIT BEING REVOKED.
2. THE NMDOT RESERVES THE RIGHT TO MAKE ANY CHANGES AND/OR MODIFICATIONS TO THE APPROVED TRAFFIC CONTROL PERMIT.
3. THE CONTRACTOR/TCP FIRM SHALL ADHERE TO ALL THE REQUIREMENTS LISTED IN THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. IN THE AREAS OF PAVEMENT OPERATIONS OR OTHER ACTIVITIES WITHIN THE TRAVELED WAY AND ADJACENT TO THE EXISTING TRAVELED LANE, THE CONTRACTOR SHALL ASSURE THAT NO PAVEMENT DROP-OFFS ARE LEFT EXPOSED DURING NON-WORKING HOURS. THE CONTRACTOR SHALL INITIATE CORRECTIVE MEANS AS PER "THE NEW MEXICO DEPARTMENT OF TRANSPORTATION PAVEMENT DROP-OFF GUIDELINE" TO ACHIEVE A MINIMUM 6:1 SLOPE BETWEEN TRAVELED LANES AND A MINIMUM 3:1 SLOPE ADJACENT TO THE EXISTING TRAVELED LANE WITH TWO 11FOOT DRIVING LANES AS SHOWN IN THE DETAIL BELOW.



5. THE CONTRACTOR/TCP FIRM WILL BE REQUIRED TO COVER UP ALL CONFLICTING SIGNS WITHIN OR IN ADVANCED OF WORK ZONE.
6. IN COVERING UP ANY CONFLICTING SIGNS, THE CONTRACTOR IS TO USE AN APPROVED METHOD OF COVERING EXISTING SIGNING SO AS NOT TO DAMAGE/DISTORT SIGN SHEETING OR MARKINGS. THE CONTRACTOR/TCP FIRM SHALL NOT PLACE A PATCH ON THE SIGN AND TAPE THE PATCH DIRECTLY TO THE FACE OF THE SIGN. FAILURE TO ADHERE TO THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR/TCP FIRM BEING REQUIRED TO REPLACE THE SIGN.
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8. ON CREST VERTICAL CURVES, THE CONTRACTOR/TCP FIRM SHALL PLACE LANE DROPS IN ADVANCE OR AT THE BEGINNING OF THE CURVE TO ENHANCE VISIBILITY OF THE LANE DROP TO ONCOMING TRAFFIC.
9. THE FOLLOWING REFLECTIVITY MATERIAL SHALL BE USED ON ALL SIGNING PLACED ON NMDOT ROADWAYS.

SIGN	SIGN CODE	COLOR	LETTER SHEETING	BACKGROUND SHEETING
APPROACH SIGNS	W20-1,2,3,4,5,7	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
CHEVRONS	W1-8	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
CURVES	W1-2	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
REVERSE CURVE	W1-4	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
MERGE	W4-1	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
NO PASSING ZONE	W14-3	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
FLAGGER PADDLE		(BLK/FLOURESCENT Orange side one with Red on side 2)	-----	Type VII, VIII or IX
ALL DRUMS		(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
All Other Const. Signs		Black on Orange		Type III

10. IF ANY OF THE SIGNS AND/OR TRAFFIC CONTROL DEVICES, ON THE ATTACHED TCP, ARE BEING USED OVERNIGHT THE FOLLOWING MINIMUM REFLECTIVITY STANDARDS SHALL BE REQUIRED:

MINIMUM MAINTAINED RETROREFLECTIVITY LEVELS						
SIGN COLOR	CRITERIA	SHEETING TYPE (ASTN D4956-01a)				
		I	II	III	VII	VIII IX
WHITE ON RED	SEE NOTE 1	35/7				
BLACK ON ORANGE OR YELLOW	SEE NOTE 2	*			50	
	SEE NOTE 3	*			75	
BLACK ON WHITE		50				
WHITE ON GREEN	OVERHEAD	1/7	1/15	1/25	250/25	
	SHOULDER	1/7			120/15	

NOTES:
LEVELS IN CELLS REPRESENT LEGEND RETROREFLECTIVITY // BACKGROUND RETROREFLECTIVITY
(FOR POSITIVE CONTRAST SIGNS), UNITS ARE cd/tv/m² MEASURED AT AN OBSERVATION ANGLE OF 0.2°
1 MINIMUM CONTRAST RATIO? 3:1 (WHITE RETROREFLECTIVITY + RED RETROREFLECTIVITY).
2 FOR TEXT SIGNS MEASURING 48 INCHES OR MORE AND ALL BOLD SYMBOL SIGNS.
3 FOR TEXT SIGN MEASURING LESS THAN 48 INCHES AND ALL FINE SYMBOL SIGNS.
SHEETING TYPE SHOULD NOT BE USED.

11. THE CONTRACTOR/TCP FIRM SHALL CONTACT MR. PHIL GALLEGOS, D3 PUBLIC INFORMATION OFFICER (PIO), AT LEAST 48 HOURS BEFORE ANY WORK LISTED IN THE TCP IS PERFORMED, TO CONFIRM THE ACTUAL START DATES OF THE CONSTRUCTION. MR. GALLEGOS CAN THEN PUBLISH THE UPCOMING WORK IN THE DISTRICT THREE TRAFFIC REPORT. MR. GALLEGOS CAN BE REACHED AT 841-2700.
12. ALL TRAFFIC DEVICES SHALL BE KEPT CLEAN THROUGHOUT THE DURATION OF THE PROJECT. ANY SIGN THAT IS TAGGED BY GRAFFITI SHALL BE CLEANED WITHIN 24 HOURS OR REMOVED AND REPLACED.
13. "BUMP", "LOOSE GRAVEL", "LANE DROP-OFF SIGN" SIGN PLACEMENT THE CONTRACTOR SHALL PLACE W8-1-48 SIGNS ("BUMP" - B/FO), W8-7-48 SIGNS ("LOOSE GRAVE" - B/FO) AND/OR W8-9A-48 SIGNS ("SHOULDER DROP-OFFS" - B/FO) IN ADVANCE OF BRIDGE APPROACHES OR OTHER LOCATIONS DURING COLD MILLING AND OVERLAY OPERATIONS AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. SEE STANDARD DRAWING 702-01-1/3 FOR SIGN DETAILS.

14. PLACEMENT OF THE SEQUENTIAL ARROW SHALL BE AT OR NEAR THE BEGINNING OF THE LANE CLOSURE TAPER. IN AREAS OF INSUFFICIENT PAVEMENT WIDTH, THE SEQUENTIAL ARROW MAY BE PLACED WITHIN THE TAPER, BUT NOT TO EXCEED ½ THE TAPER LENGTH. IN ALL CASES, THE SEQUENTIAL ARROW SHALL BE PLACED BEHIND THE CHANNELIZATION DEVICES.

15. ALL SIGNING ON THE INTERSTATE AND ON HIGH SPEED 4 LANE DIVIDED FACILITIES SHALL BE DOUBLE INDICATED.
16. ALL SIGNS THAT ARE PART OF WORK ZONE THAT IS IN PLACE FOR MORE THAN 3 DAYS SHALL BE PLACED ON POSTS.
17. COVERING EXISTING WHITE AND YELLOW STRIPES WITH BLACK PAINT AS A METHOD OF STRIPE REMOVAL IS STRICTLY PROHIBITED.

18. ALL WARNING AND REGULATORY SIGNS SHALL MEET THE FOLLOWING SIZE REQUIREMENTS:
- A. INTERSTATE: WARNING SIGN 48"x48" REGULATORY 48"x60"
- B. NON-INTERSTATE: WARNING SIGN 36"x36" REGULATORY 36"x42"

19. ALL CWB ENDS, WITHIN THE CLEAR ZONE, HAVE TO BE PROTECTED WITH AN APPROVED CRASH CUSHION ATTENUATOR (APPROVED BASED ON THE DESIGN SPEED OF THE ROAD).

20. WHEN FLARING THE LEADING END OF A TEMPORARY CONCRETE WALL BARRIER (TCWB) WITHIN A CONSTRUCTION WORK ZONE, THE FLARE RATE SHALL BE DONE IN ACCORDANCE WITH THE RATES SHOWN IN THE TABLE BELOW:

Roadway Speed Limit	Minimum Taper/Flare Rate	Desirable Taper/Flare Rate
Less than 45 MPH	8:1	18:1
Between 45 MPH and 55 MPH	10:1	24:1
Greater than 55 MPH	15:1	30:1

21. WHEN CWB IS PLACED IN A CONSTRUCTION WORK ZONE, A 5' BUFFER AREA IS STRONGLY RECOMMENDED BETWEEN THE TEMPORARY CONCRETE WALL BARRIER AND THE WORK ZONE TO ACCOMMODATE BARRIER DEFLECTION. WHEN A 5' BUFFER AREA IS NOT ATTAINABLE, CONSIDERATION SHALL BE GIVEN TO ANCHORING THE TCWB TO THE PAVEMENT SURFACE. (SEE ATTACHMENT "B" - NOTE 8 IN STANDARD DRAWING 606-20-1/4 DATED 1/11/2005).

22. ALL CONSTRUCTION SIGNING SHALL HAVE A TYPE III OR HIGHER REFLECTIVE BACKGROUND.

23. ALL DEVICES THAT ARE PLACED WITHIN THE NMDOT R/W SHALL ADHERE TO SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION - IN THE LATEST EDITION OF THE NMDOT SPECIFICATION BOOK.

24. ALL STATIONARY OBJECTS WITHIN CLEAR ZONE SHALL BE PROPERLY SHIELDED AND OUTLINED WITH DRUMS MOUNTED WITH TYPE "A" WARNING LIGHTS. USE OF VERTICALLY MOUNTED RETRO-REFLECTIVE MATERIAL IN LIEU OF A TYPE A WARNING LIGHT IS STRICTLY PROHIBITED.

25. USE OF TYPE I OR II BARRICADES FOR APPROACH TAPERS ON RURAL INTERSTATE OR SECONDARY ROADWAYS ARE PROHIBITED.

26. ANY EQUIPMENT, MATERIALS, OR VEHICLES STORED WITHIN ROW SHALL BE OUTSIDE OF CLEAR ZONE (BASED ON EXISTING POSTED SPEED).

27. ANY EQUIPMENT, MATERIAL OR VEHICLE STORED WITHIN CLEAR ZONE SHALL BE PROPERLY SHIELDED.

28. MATERIALS, WORK ACTIVITIES, EQUIPMENT, AND VEHICLES SHALL NOT BE STORED WITHIN THE ESTABLISHED BUFFER SPACE.

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30. ALL TRAFFIC CONTROL DEVICE TYPES, QUANTITIES AND SPACING SHALL NOT DEVIATE FROM THE APPROVED TRAFFIC CONTROL PLAN. ANY CHANGES TO THE TRAFFIC CONTROL PLAN MUST BE APPROVED BY THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.

31. THE FOLLOWING TAPER LENGTHS, BUFFER ZONE, AND SPACING OF DEVICES REQUIREMENTS SHALL BE ADHERED TO:

Posted Speed (MPH)	Merging (L) & Shifting Taper (1/2L) Length (FT.) ¹					Shoulder Taper (Ft.) ²				Transition Area/ Calming Zone ³ (2L) (Ft.)	Buffer Space or Distance ⁴ to Flagger Station	Maximum Spacing			
	Formula	11' lane	12' Lane	13' Lane	1/3 L				of Devices (Ft.) ⁵						
					4'	6'	8'	10'	On a Taper			On a Tangent			
20	L=WS ² /60	75	40	80	40	85	45	9	13	18	22	160	115	20	40
25		115	60	125	65	135	70	14	21	28	35	250	155	25	50
30		165	85	180	90	195	100	20	30	40	50	360	200	30	60
35		225	115	245	125	265	135	27	41	54	68	490	250	35	70
40		295	150	320	160	345	175	36	53	71	89	640	305	40	80
45	L=WS	495	250	540	270	585	295	60	90	120	150	1080	360	45	90
50		550	275	600	300	650	325	67	100	133	167	1200	425	50	100
55		605	305	660	330	715	360	73	110	147	183	1320	495	55	110
60		660	330	720	360	780	390	80	120	160	200	1440	570	60	120
65		715	360	780	390	845	425	87	130	173	217	1560	645	65	130
70		770	385	840	420	910	455	93	140	187	233	1680	730	70	140
75		825	415	900	450	975	490	100	150	200	250	1800	820	75	150

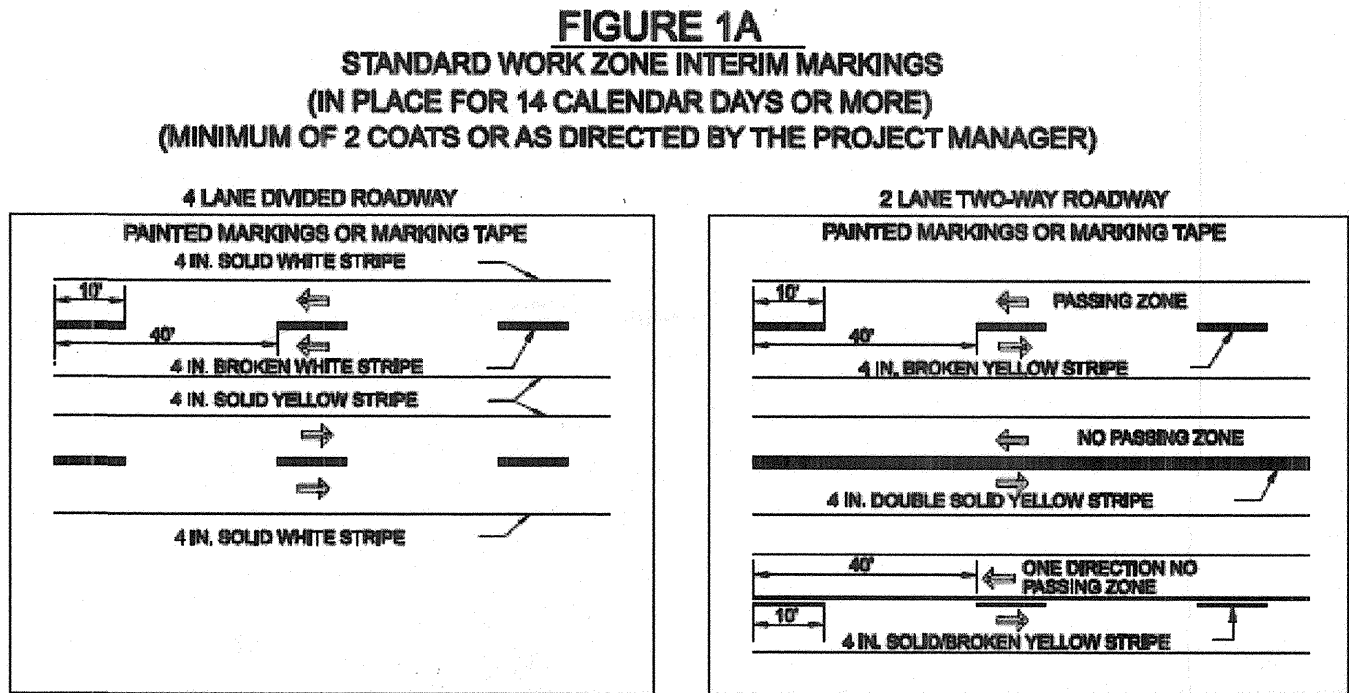
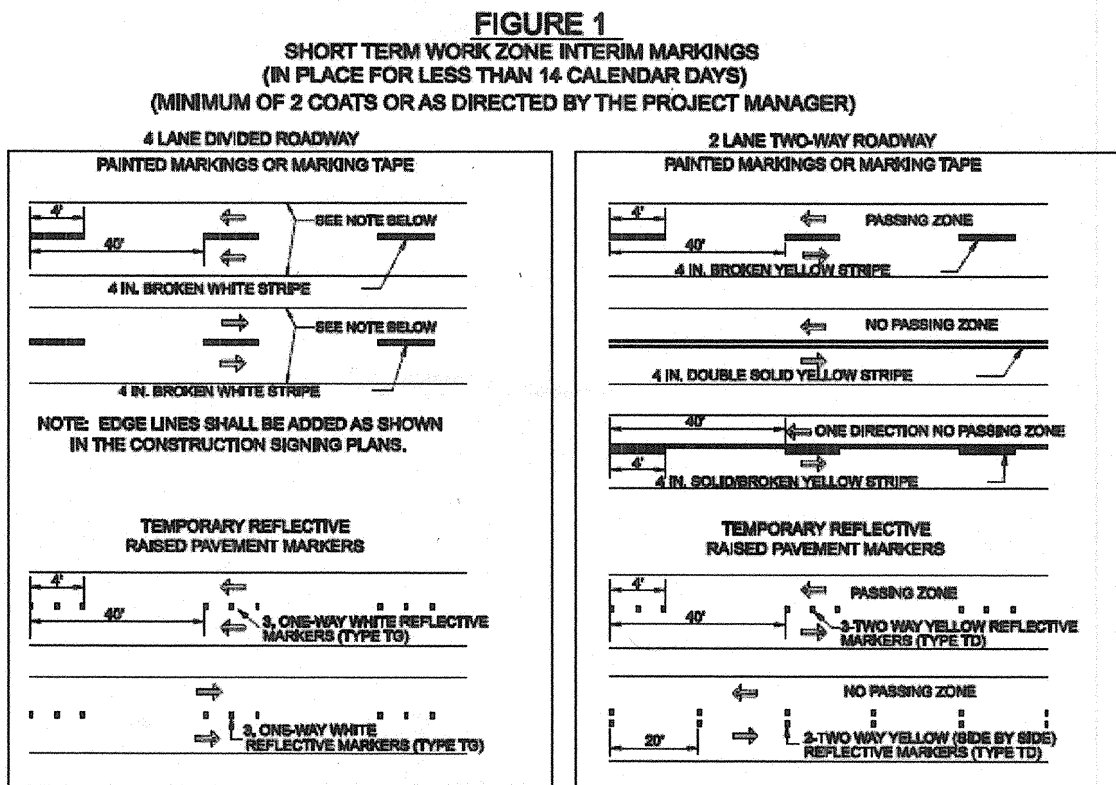
¹ See Section 6C.08 on page 6C-5 and Figure 6C-2 on page 6C-6 of the 2003 MUTCD
² See Section 6C.08 on page 6C-5 and Figure 6C-2 on page 6C-6 of the 2003 MUTCD
³ See Figure 6H-37 on page 6H-79 of the 2003 MUTCD
⁴ See Section 6C.06 on page 6C-04 and 6C-05 of the 2003 MUTCD

32. WORK ZONE INTERIM MARKINGS:

- A. THE CONTRACTOR SHALL PLACE REFLECTORIZED PAINTED MARKINGS ON EACH MARKINGS ON EACH INTERMEDIATE LIFT OF SURFACING OR MILLED SURFACE AT THE END OF DAY'S SURFACING OR MILLING OPERATION. THESE MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR FIGURE 1A ON THIS SHEET. IN THE EVENT THE PAINTED MARKINGS CANNOT BE PLACED AS DESCRIBED ABOVE, THE CONTRACTOR SHALL, WITH THE APPROVAL OF THE PROJECT MANAGER, PLACE MARKING TAPE OR TEMPORARY REFLECTIVE RAISED PAVEMENT MARKERS IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR FIGURE 1A ON THIS SHEET OR AS DIRECTED BY THE PROJECT MANAGER. PAYMENT FOR MARKING TAPE WILL BE PAID FOR UNDER THE UNIT PRICE OF REFLECTORIZED PAINTED MARKINGS, UNLESS OTHERWISE SPECIFIED.

- B. THE CONTRACTOR SHALL PLACE REMOVABLE MARKING TAPE OR TEMPORARY REFLECTIVE RAISED PAVEMENT MARKERS AFTER PLACEMENT OF THE FINAL LIFT OF SURFACING IF PERMANENT MARKINGS ARE NOT PLACED DURING THE SAME WORKING DAY. THESE MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR 1A ON THIS SHEET OR AS DIRECTED BY THE PROJECT MANAGER.

- C. ON ROADWAYS WITH SEVERE CURVATURE, BROKEN-LINE INTERIM MARKINGS WITH HALF-CYCLE LENGTHS AND A MINIMUM OF 2 FOOT STRIPES OR A GROUP OF TWO TEMPORARY REFLECTIVE PAVEMENT MARKINGS SPACED 2 FEET APART MAY BE USED WHERE PASSING IS ALLOWED. INTERIM EDGE LINES OR CHANNELIZATION LINES FOR DELINEATION MAY BE USED AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. PASSING/NO PASSING ZONE SIGNING TO SUPPLEMENT INTERIM MARKINGS FOR DELINEATION MAY BE USED AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. ALL INTERIM MARKINGS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD.

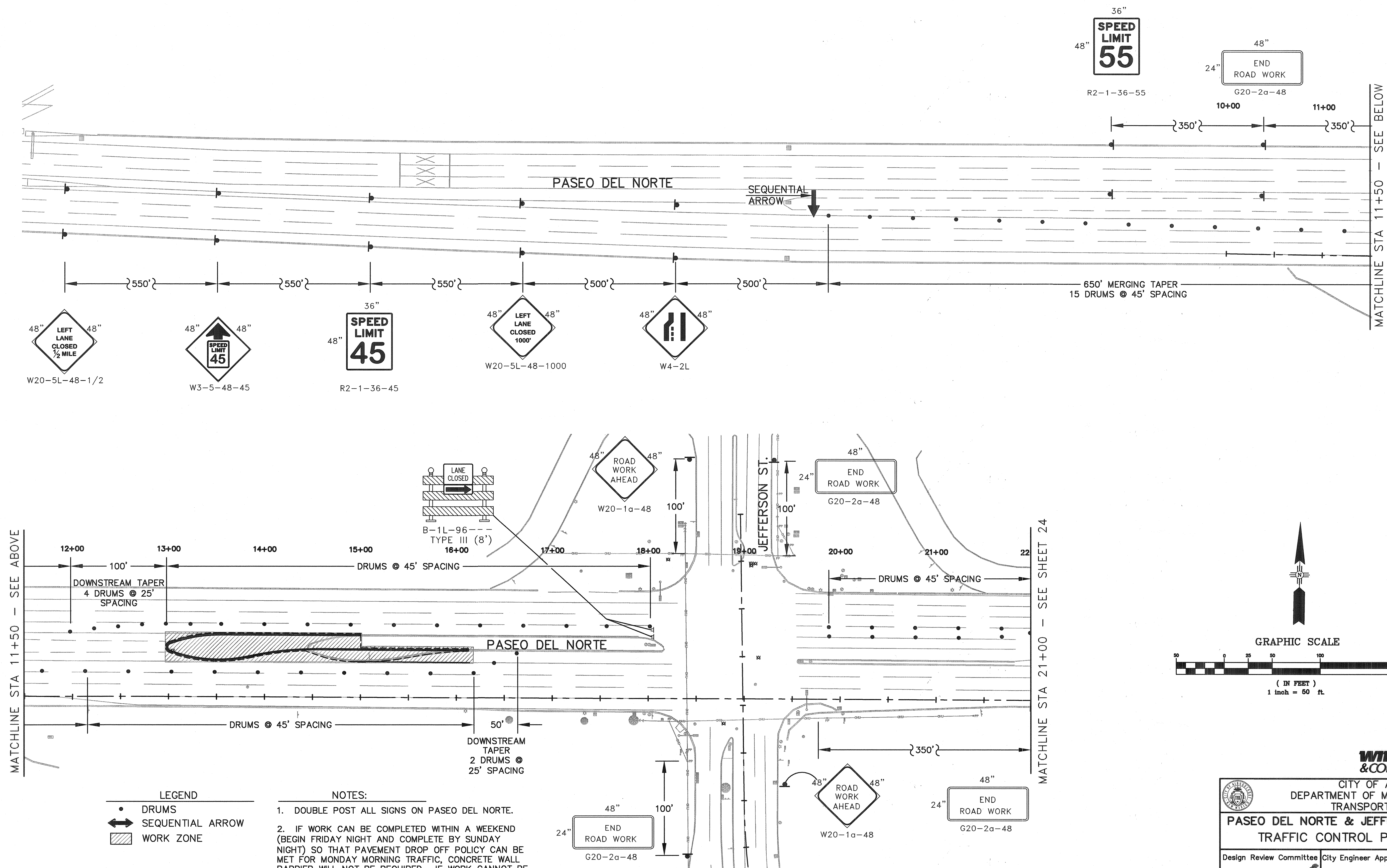


WILSON & COMPANY

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS TRAFFIC CONTROL NOTES			
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
7713.82	C-17,D-17	22	26

E.L.O. CADD MASTER

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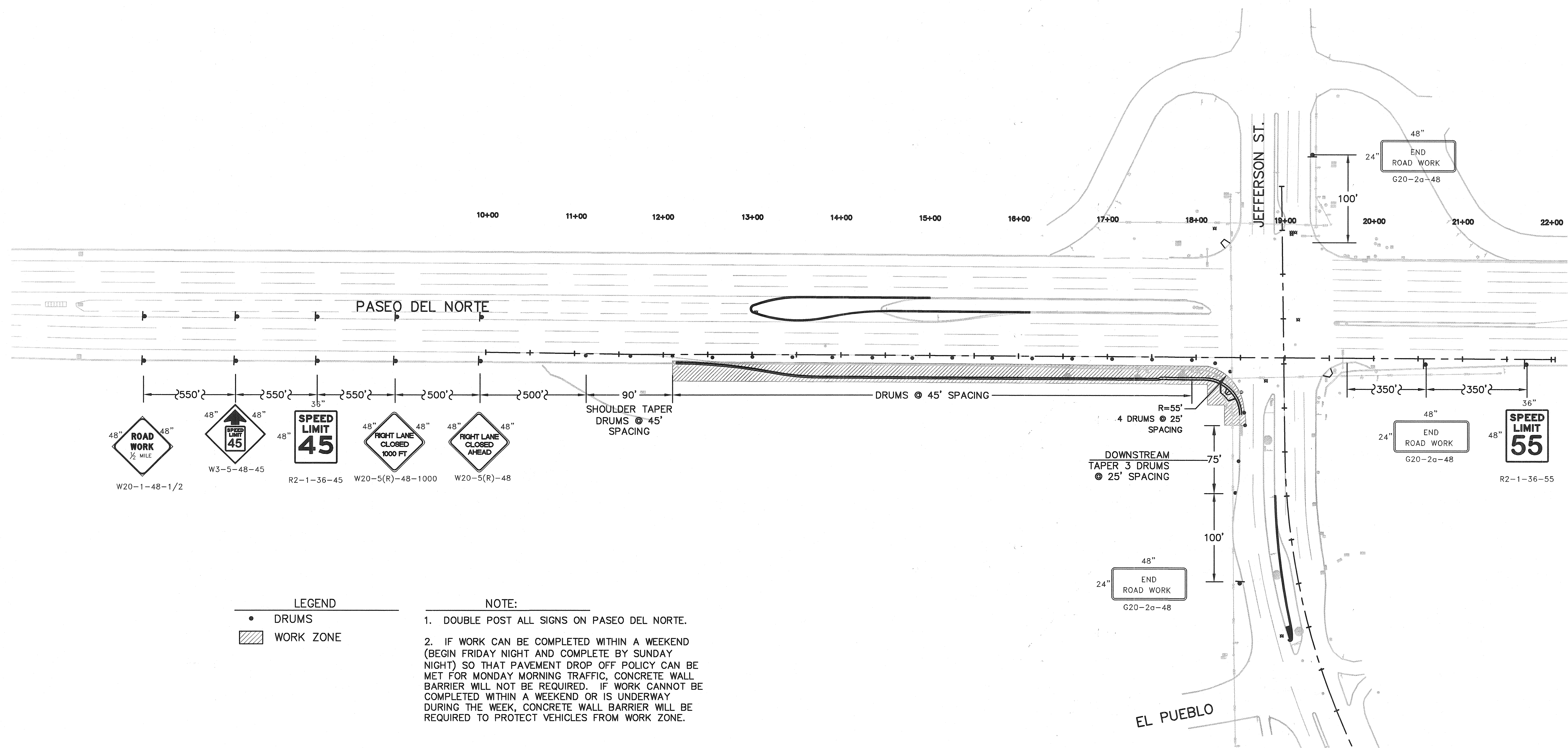


ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES		ACS STATION BEING A 3-1/4" ALUMINUM DISK, STAMPED "13-C18" EPOXIED TO TOP OF CONCRETE DROP INLET, ENE QUADRANT OF PASEO DEL NORTE & I-25 WEST FRONTAGE ROAD. NE., CENTERED ON SAID DROP INLET.		CONTRACTOR	
		NO.	BY	DATE	INSPECTOR'S FIELD VERIFICATION BY		DATE
		REMARKS		BY	MICRO-FILM INFORMATION		DATE
		NO. DATE		NO.		NO.	
WILSON & COMPANY, ENGINEERS & ARCHITECTS		REVISIONS					
DESIGNED BY		SGG	DATE	2007			
DRAWN BY		ELO	DATE	2007			
CHECKED BY		SFP	DATE	2007			
Mo./Day/Yr.		Mo./Day/Yr.					

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS TRAFFIC CONTROL PLAN - PDN PHASE 1	
Design Review Committee	City Engineer Approval
City Project No. 7713.82	Zone Map No. C-17,D-17
Sheet 23	Of 26

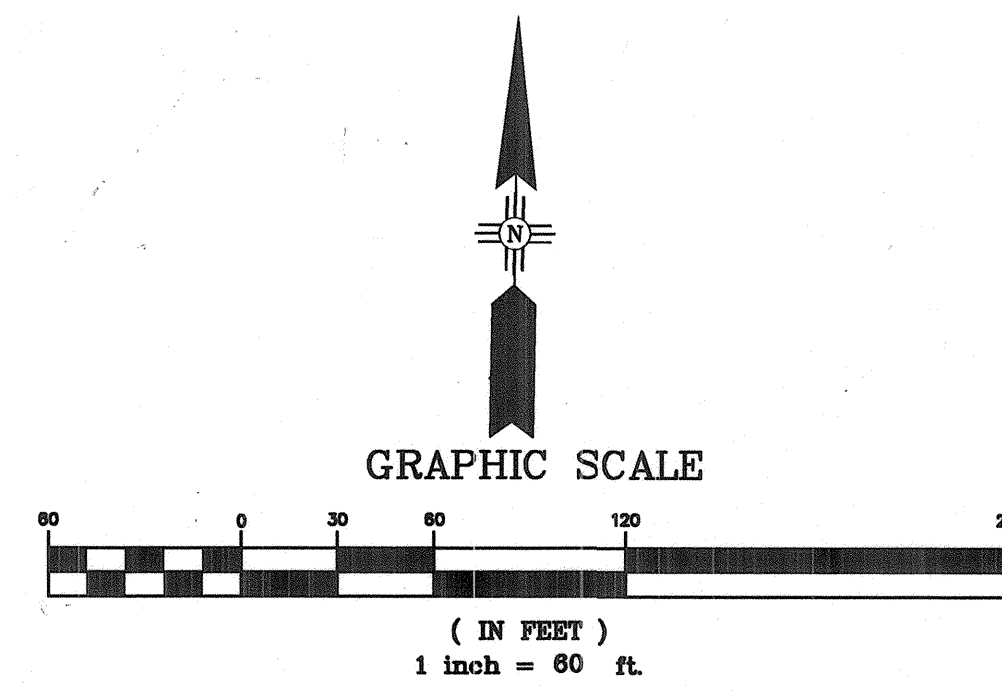
ELO CADD MASTER

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LEGEND
• DRUMS
WORK ZONE

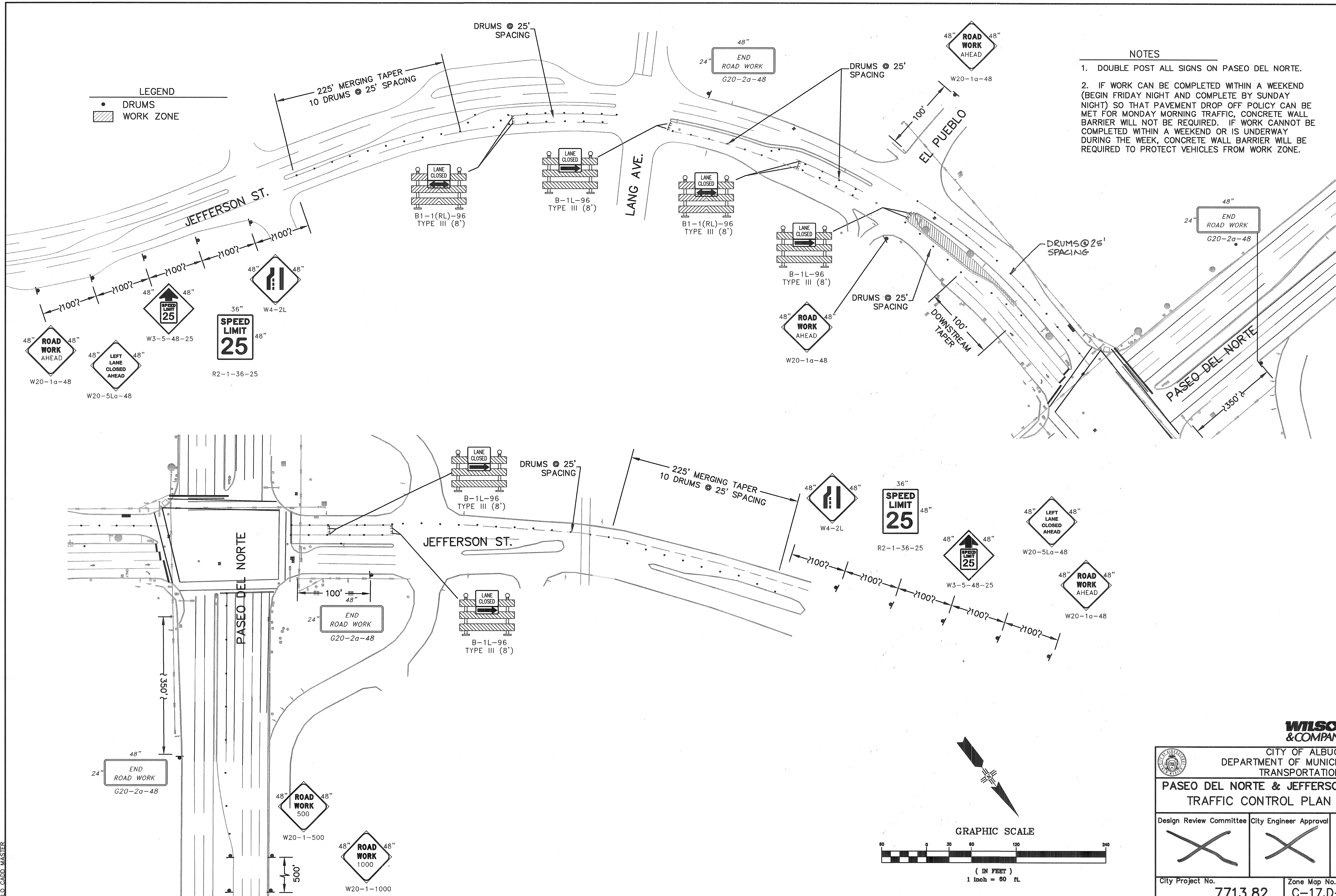
NOTE:
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CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS TRAFFIC CONTROL PLAN - PDN PHASE 2	
Design Review Committee	City Engineer Approval
City Project No. 7713.82	Zone Map No. C-17,D-17
Sheet 25	Of 26

WILSON & COMPANY

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NOTES

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ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
	NO. DATE WILSON & COMPANY, ENGINEERS & ARCHITECTS DESIGNED BY SGP DRAWN BY ELO CHECKED BY SFP	NO. DATE BY DATE DATE DATE	FIELD NOTES NO. DATE BY	DISK, STAMPED "13-C18" EXPOSED TO TOP OF CONCRETE DROP INLET, ENE QUADRANT OF PASEO DEL NORTE & I-25 WEST FRONTAGE ROAD, NE., CENTERED ON SAID DROP INLET. (2nd-Order, 1st-Class) ELEVATION = 5195.103 FT. (NGVD29)	CONTRACTOR WILSON & COMPANY INSPECTOR'S FIELD VERIFICATION BY DATE MICRO-FILM INFORMATION NO. DATE	DATE DATE DATE DATE	DATE DATE DATE DATE

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION

PASEO DEL NORTE & JEFFERSON ST. IMPROVEMENTS
TRAFFIC CONTROL PLAN - JEFFERSON ST.

Design Review Committee

City Engineer Approval

Last Design Update

Mo./Day/Yr.

Mo./Day/Yr.

City Project No. **7713.82**

Zone Map No. **C-17,D-17**

Sheet **26** Of **26**