

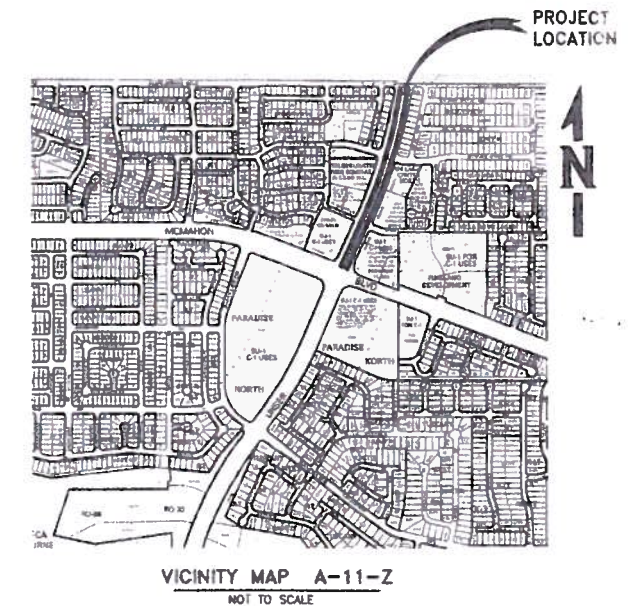
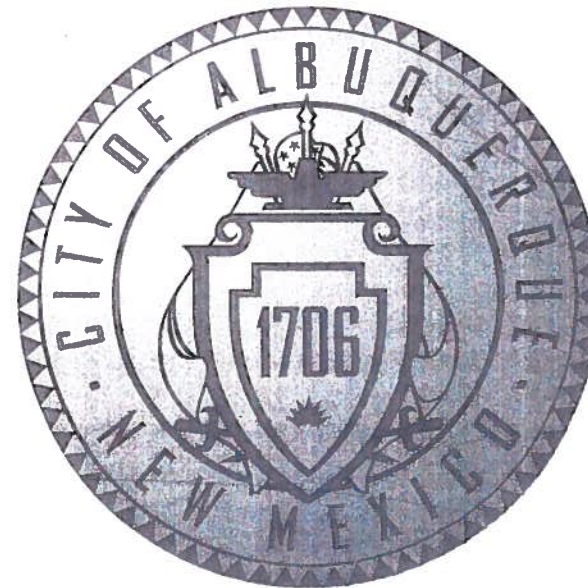
CITY OF ALBUQUERQUE NEW MEXICO

DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS

FOR

UTILITY CONTACTS

MERRILL, STEVE	OFFICE PHONE: (505) 988-2200 OFFICE FAX: (505) 345-0550 STEVE.MERRILL@XSPEDIOUS.COM	XSPEDIOUS MANAGEMENT CO OUTSIDE PLANT SPECIALIST 505 MARQUETTE NW STE 1805 ALBUQUERQUE, NM 87106
BLANKAMP, ROLAND (ROL)	OFFICE PHONE: (505) 241-3808 CELL PHONE: (505) 401-7810 OFFICE FAX: (505) 241-0550 ROLANKAMP@PMM.COM	PMM ELECTRIC 4201 EDITH BLVD NE ALBUQUERQUE, NM 87107
CROWELL, DAVID	OFFICE PHONE: (505) 842-2911 OFFICE FAX: (505) 842-2880 DCROWELL@ATT.COM	AT&T RESOURCE SUPERVISOR 111 3RD STREET NW ALBUQUERQUE, NM 87103
DARNELL, ANDY	OFFICE PHONE: (505) 345-4470 OFFICE FAX: (505) 345-4481 ANDY.DARNELL@MCL.COM	MCI WORLDWIDE OPERATIONS MANAGER 8001 MIDWAY PARK NE ALBUQUERQUE, NM 87105
BOURKA, KELLY	OFFICE PHONE: (505) 241-7752 OFFICE FAX: (505) 241-7740 KBORUKA@PMM.COM	PMM GAS CO 4825 EDITH BLVD NE ALBUQUERQUE, NM 87107
ERICKSON, RITA	OFFICE PHONE: (505) 781-9235 OFFICE FAX: (505) 781-0590 RITA.ERICKSON@CABLE.COMCAST.COM	COMCAST PLANNING AND DESIGN SUPERVISOR 4011 MONTBEL PLACE NE ALBUQUERQUE, NM 87107
HARRISON, ROYAL	OFFICE PHONE: (505) 938-7339 OFFICE FAX: (505) 938-7380 ROYAL.HARRISON@TIMEWARNER.COM	TIME WARNER TELECOM PLANT MANAGER 3330 BINGER BLVD NE SUITE 1000 ALBUQUERQUE, NM 87109
PACHECO, MARTIN	OFFICE PHONE: (505) 235-8016	CITY OF ALBUQUERQUE STORM DRAIN DIVISION P.O. BOX 1293 ALBUQUERQUE, NM 87103
KELLY, LARRY	OFFICE PHONE: (505) 240-0501 OFFICE FAX: (505) 240-0470 LARRY.KELLY@QWEST.COM	QWEST LONG DISTANCE SR. OPERATIONS TECH 400 TUERAS AVE. NW SUITE 570 ALBUQUERQUE, NM 87102
MUELLER, RICK	OFFICE PHONE: (505) 244-3181 OFFICE FAX: 244-0094 MOBILE: 228-3329 RDAMUELLER@MCLEODUSA.COM	MCLEOD USA SUPERVISOR OF OUTSIDE TECHS 505 MARQUETTE NW (COMPASS BANK) SUITE 1000 ALBUQUERQUE, NM 87102
VELARDE, MICHAEL D.	OFFICE PHONE: (505) 245-8352 OFFICE FAX: (505) 245-8733 MOBILE: (505) 715-4020 PAGER: (505) 391-3347 MICHAEL.VELARDE@QWEST.COM	QWEST MANAGER ENGINEERING NM ENGINEERING/PLANNING 400 TUERAS AVE. NW ROOM 710 ALBUQUERQUE, NM 87102
MONTGOMERY, ANTHONY	OFFICE PHONE: (505) 788-2713 OFFICE FAX: (505) 788-3829 ALMONTGOMERY@ABQWA.ORG	ABQWA SENIOR ENGINEER UTILITY DESIGN P.O. BOX 1293 ALBUQUERQUE, NM 87103
WEATHERS, ROGER	OFFICE PHONE: (720) 888-8888 OFFICE FAX: (720) 888-8254 ROGER.WEATHERS@LEVEL3.COM	LEVEL 3 COMMUNICATIONS, LLC 1025 ELIZABETH BLVD BROOMFIELD, CO 80021
BROWN, JOHN	OFFICE PHONE: (505) 243-2153 OFFICE FAX: (505) 314-0200 JOHN@SCASSETS.COM	SCASSETS OPERATIONS MANAGER 505 MARQUETTE AVE. NW SUITE LL-110A ALBUQUERQUE, NM 87102



DESIGN OF UNSER BOULEVARD FROM MCMAHON TO BLACK ARROYO

COA PROJECT NO. 7089.91

JANUARY 2012

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
GENERAL	
1	COVER SHEET, VICINITY MAP AND INDEX OF DRAWINGS
2	LEGEND, GENERAL NOTES, AND ABBREVIATIONS
3	DETAILS
4-5	TYPICAL SECTIONS
6	SURVEY CONTROL
7-8	DEMOLITION PLAN
ROADWAY	
9	PLAN AND PROFILE UNSER BLVD. STA. 18+00.00 TO STA. 24+00.00
10	PLAN AND PROFILE UNSER BLVD. STA. 24+00.00 TO STA. 31+50.00
11	PLAN AND PROFILE UNSER BLVD. STA. 31+50.00 TO STA. 34+10.42
12	PLAN OF INTERSECTION OF UNSER BLVD. AND NIGHT WHISPER RD.
STRIPING AND SIGNING	
13-14	SIGNING AND STRIPING
15	SIGNING AND STRIPING DETAILS
16	SIGNAL PLAN
17-18	CABLE AND CONDUITS
19	ITS NOTES & LEGEND, PULL BOX DETAIL, INDEX OF COMMUNICATION EQUIPMENT & QUANTITIES
20	FIBER INTERCONNECT
21	FIBER CONNECTIONS AND SPLICE TABLES

APPROVED FOR RECORD DRAWINGS: *DDH* 1-08-13
DMD CONSTRUCTION ENGINEER

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE INDICATED RECORD DRAWINGS ARE BASED UPON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR IN THE FORM OF RED-LINED CONSTRUCTION DRAWING MARKUPS TO THE ORIGINAL DESIGN DRAWINGS. THE TRANSFER OF INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. HOWEVER, I HAVE NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND SHALL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS. ALL INFORMATION INCLUDING VERTICAL AND HORIZONTAL DIMENSIONS SHOULD BE FIELD VERIFIED PRIOR TO USE ON FUTURE PROJECTS.

NAME: *David Lee* DATE: *12/27/12*

RECORD DRAWING INFO	
CITY INSPECTOR	RICHARD ZAMORA
CITY PROJECT MANAGER	KRIS CADENA
CONTRACTOR	ALBUQUERQUE ASPHALT, INC.
SURVEYOR	REX VOGLER
CITY URBAN PROJECT SUPERVISOR	ADAM BERGSTRASSER
LETTER OF ACCEPTANCE DATE	11-07-2012
CONSTRUCTION ENGINEER	DAVE HARRISON

WHPacific
6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-0204 Fax 505-242-4845
www.whpacific.com

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS' STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRG Chairman	<i>David Lee</i>	1-8-12	<i>David Lee</i> City Engineer Date		
		Transportation	<i>David Lee</i>	1-8-12			
		Water/Wastewater	<i>David Lee</i>	1-8-12			
		Hydrology	<i>David Lee</i>	1-8-12			
City Project No.		7089.91		Sheet		1	21

DESIGN OF UNSER BOULEVARD FROM MCMAHON TO BLACK ARROYO

GENERAL NOTES:

1. ALL WORK DETAILLED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION THROUGH UPDATE #8 OR LATEST EDITION, AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
2. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. SEE REFERENCE 4.4 OF THE GENERAL PROVISIONS
7. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE DEPARTMENT OF MUNICIPAL DEVELOPMENT (DMD), CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (505-924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS.
8. TWO (2) WORKING DAYS PRIOR TO ANY CONSTRUCTION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (505-260-1990) FOR LOCATION OF EXISTING UTILITIES.
9. CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. AT HIS OWN EXPENSE, CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER STANDARD SPECIFICATIONS.
11. ALL STREET STRIPING, ALTERED OR DESTROYED, SHALL BE REPLACED WITH THERMOPLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
12. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
14. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
15. CONTRACTOR SHALL COORDINATE WITH WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT <http://abcwua.org/content/view/full/463/729/>.
16. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO DMD, CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE.
17. THE JOBSITE, AT THE COMPLETION OF CONSTRUCTION, SHALL BE CLEANED OF ANY DEBRIS OR SPOILS RESULTING FROM THE CONSTRUCTION.
18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE JOBSITE TO FAMILIARIZE HIMSELF / HIMSELF WITH ALL THE EXISTING CONDITIONS THAT COULD AFFECT THE INSTALLATION OF ANY WORK SET FORTH IN THESE PLANS.
19. THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE DESIGN. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY.
20. THE ENGINEER OF DESIGN SHALL NOT BE RESPONSIBLE FOR CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS, NOR SHALL BE REQUIRED TO SUPERVISE THE CONDUCT OF THE WORK OR THE CONSTRUCTION PROCEDURES AND SAFETY PROCEDURES FOLLOWED BY THE CONTRACTOR OR SUBCONTRACTOR OR THEIR RESPECTIVE EMPLOYEES OR BY ANY OTHER PERSON AT THE JOBSITE OTHER THAN THAT OF THE ENGINEER'S EMPLOYEES.
21. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND / OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON AS-BUILT DRAWINGS AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
22. ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES SHOWN ON THESE DRAWINGS ARE SHOWN IN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED TO THE ENGINEER BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK.
23. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS FROM REGULATORY AGENCIES.
24. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.), GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAUL OR DISPOSE WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES, AND ARCHAEOLOGICAL RESOURCES. SEE REFERENCE 16.4 OF THE GENERAL PROVISIONS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINTS, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE APPROPRIATE COUNTY ENVIRONMENTAL DEPARTMENT. SEE REFERENCE 6.16.1 OF THE GENERAL PROVISIONS
26. PRIOR TO CONSTRUCTION, EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
27. EXERCISE DUE CARE TO AVOID DISTURBING EXISTING UNDERGROUND UTILITIES.
28. PLACE EXCAVATED MATERIALS AS APPROVED BY THE ENGINEER OR PROJECT ADMINISTRATOR.
29. WHERE TRENCHING EXPOSES EXISTING UTILITY LINES, THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING THE LINE DURING CONSTRUCTION AND ASSURE THAT IT IS BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
30. AREAS DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION INCLUDING LANDSCAPING AS APPLICABLE. THIS COST SHALL BE INCIDENTAL TO THE WORK.
31. MINOR ADJUSTMENTS TO HORIZONTAL AND VERTICAL LOCATIONS OF IMPROVEMENTS AND RELATED COMPONENTS IS CONSIDERED INCIDENTAL TO THE WORK.
32. EXISTING STRIPING CALLED TO BE REMOVED SHALL BE ERADICATED BY WATER BLASTING OR ENGINEER APPROVED EQUAL. WATER BLASTING SHALL BE PERFORMED AT ¼" DEPTH AND TWO TIMES THE WIDTH OF EXISTING STRIPING.
33. ALL TRUNCATED DOMES SHALL BE INSTALLED PER ADA GUIDELINES. THE CONTRACTOR MUST SUBMIT SPECIFICATIONS TO THE CONSTRUCTION ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
34. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATION. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
35. ALL EXISTING SIGNS AND STREET LIGHTS SHALL BE REMOVED AND SALVAGED, AND REPLACED AS SHOWN ON THE PLANS. SALVAGED MATERIAL SHALL BE HAULED TO THE CITY OF ALBUQUERQUE PINO MAINTENANCE YARD AT 5501 PINO AVE NE, OR AS DIRECTED BY THE CITY.
36. THE CONTRACTOR SHALL USE GEL-FILLED WIRE NUTS FOR ALL WIRE SPICES AND DEAD END CONNECTORS FOR ALL UNUSED CONDUCTORS.

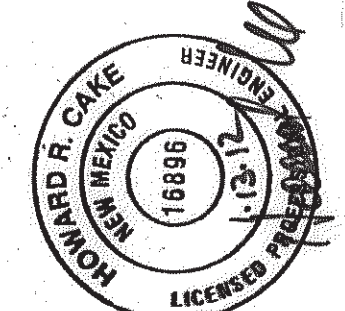
ABBREVIATIONS

APPROX.	APPROXIMATE
CL or CL	CENTERLINE
C&G	CURB & GUTTER
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX, EXIST	EXISTING
FL	FLOWLINE
HORIZ	HORIZONTAL
INV	INVERT
LF	LINEAR FEET
MH	MANHOLE
MAX	MAXIMUM
MIN	MINIMUM
SD	STORM DRAIN
TYP	TYPICAL
VERT	VERTICAL

LEGEND


- CONTROL POINT AS SHOWN ON DRAWING
- EXISTING STORM MANHOLE
 - EXISTING POWER POLE
 - ✱ EXISTING WATER VALVE
 - ⊙ EXISTING WATER MANHOLE
 - ⌞ EXISTING STREET SIGN
 - ① EXISTING TELEPHONE MANHOLE
 - ☒ EXISTING TELEPHONE PEDESTAL
 - TV EXISTING CATV PEDESTAL
 - P EXISTING ELECTRIC BOX
 - III EXISTING CURB INLET
 - ☼ ○ EXISTING LIGHT POLE
 - ← ● PROPOSED SIGNAL PEDESTAL
 - ← SIGNAL HEAD
 - ⚙ MASTARM BASE
 - (X) BUILD NOTE
 - [X] CURVE INFORMATION
 - (X) STORMDRAIN PIPE CALLOUT

ENGINEER'S SEAL



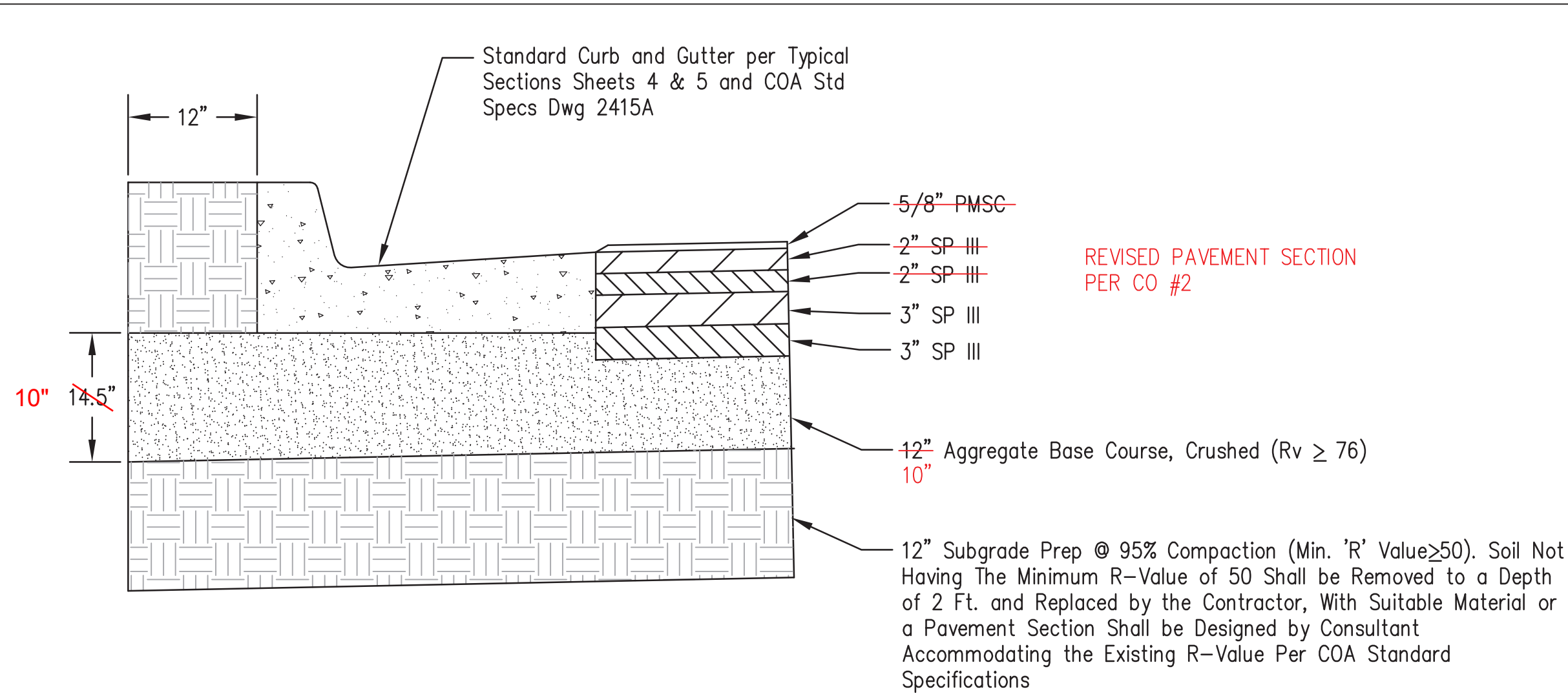
WHPacific
6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

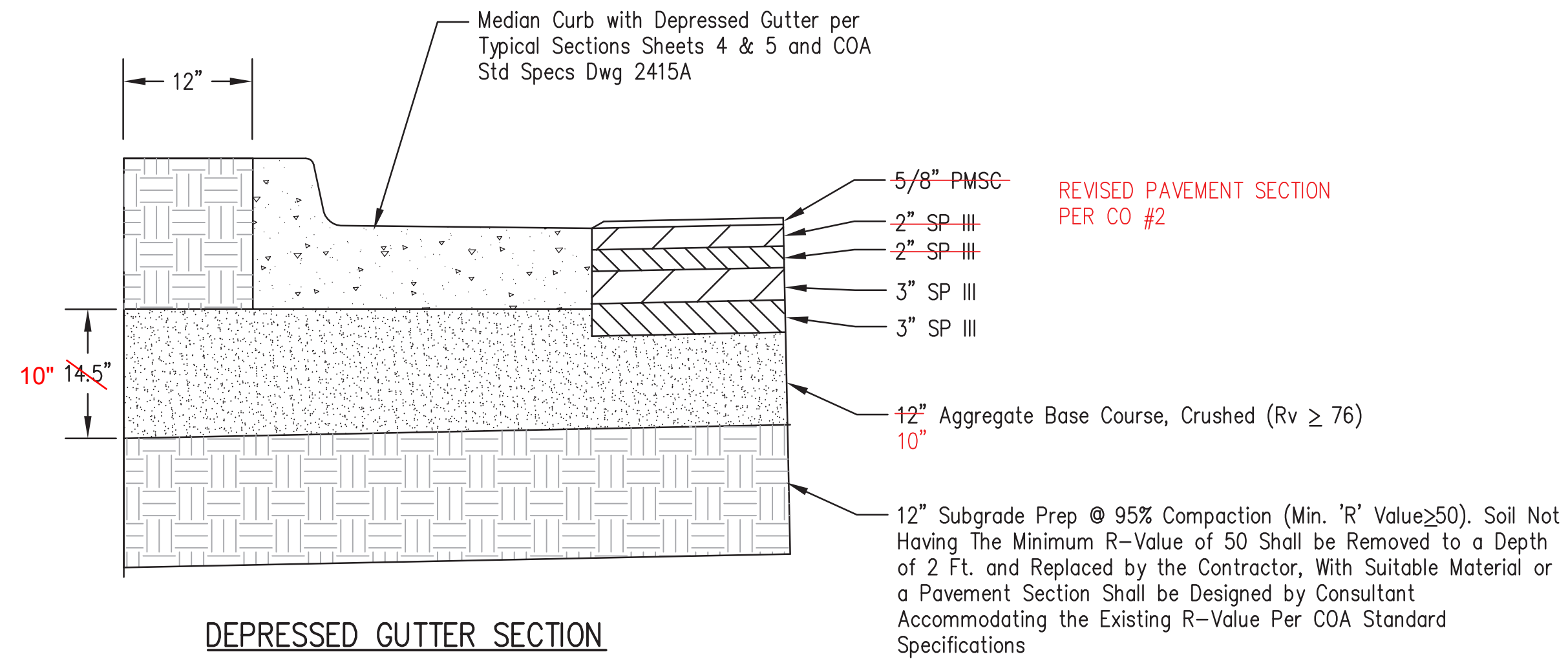
	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION
	TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO
	LEGEND, GENERAL NOTES, ABBREVIATIONS

Design Review Committee <div style="border: 2px solid black; padding: 10px; text-align: center;"> APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE </div>	City Engineer Approval <div style="border: 2px solid black; padding: 10px; text-align: center;"> APPROVED JAN 31 2012 CITY ENGINEER </div>	Last Design Update	Mo./Day/Yr. <div style="border: 1px solid black; height: 100px;"></div>	Mo./Day/Yr. <div style="border: 1px solid black; height: 100px;"></div>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	----------------------------------------------------------------------------	----------------------------------------------------------------------------

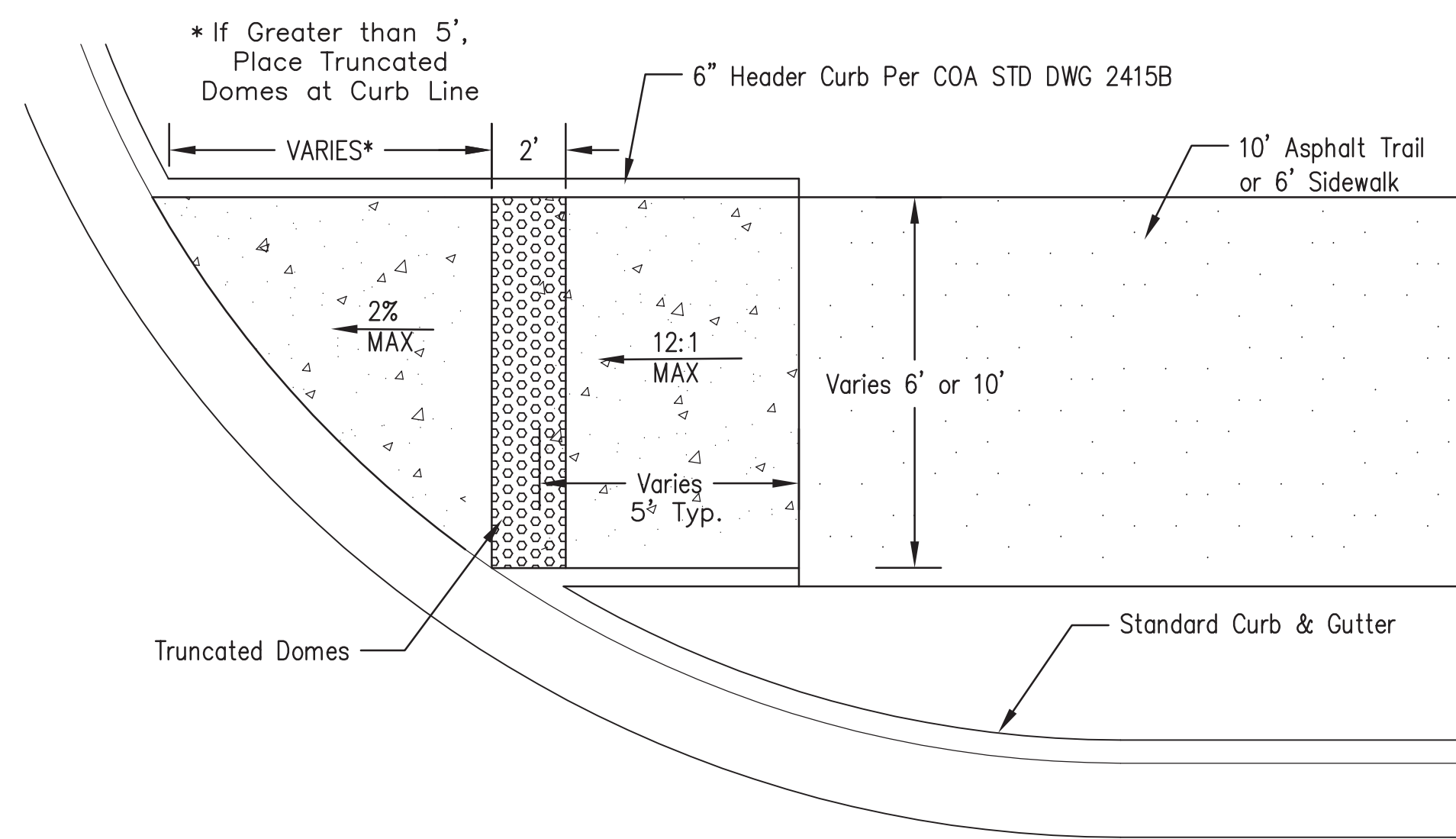
City Project No.	7089.91	Zone Map No.	A-11-Z	Sheet	2	Of	21
------------------	---------	--------------	--------	-------	---	----	----



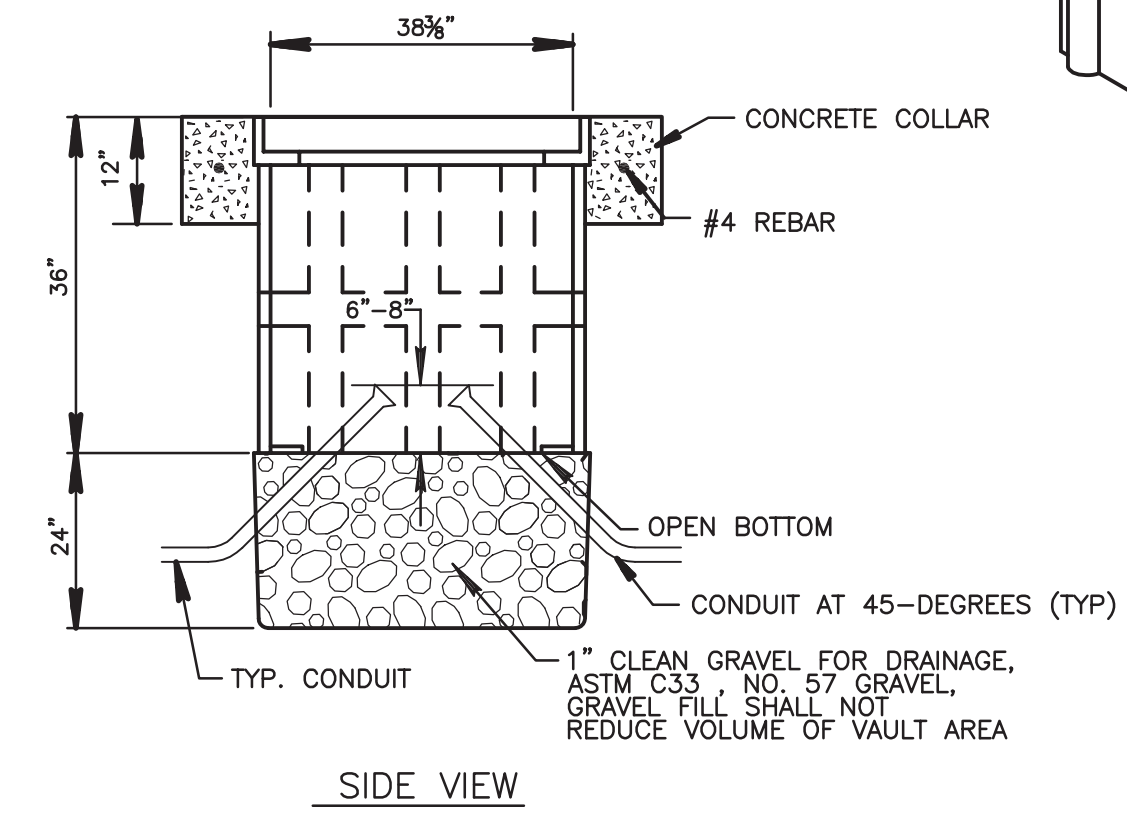
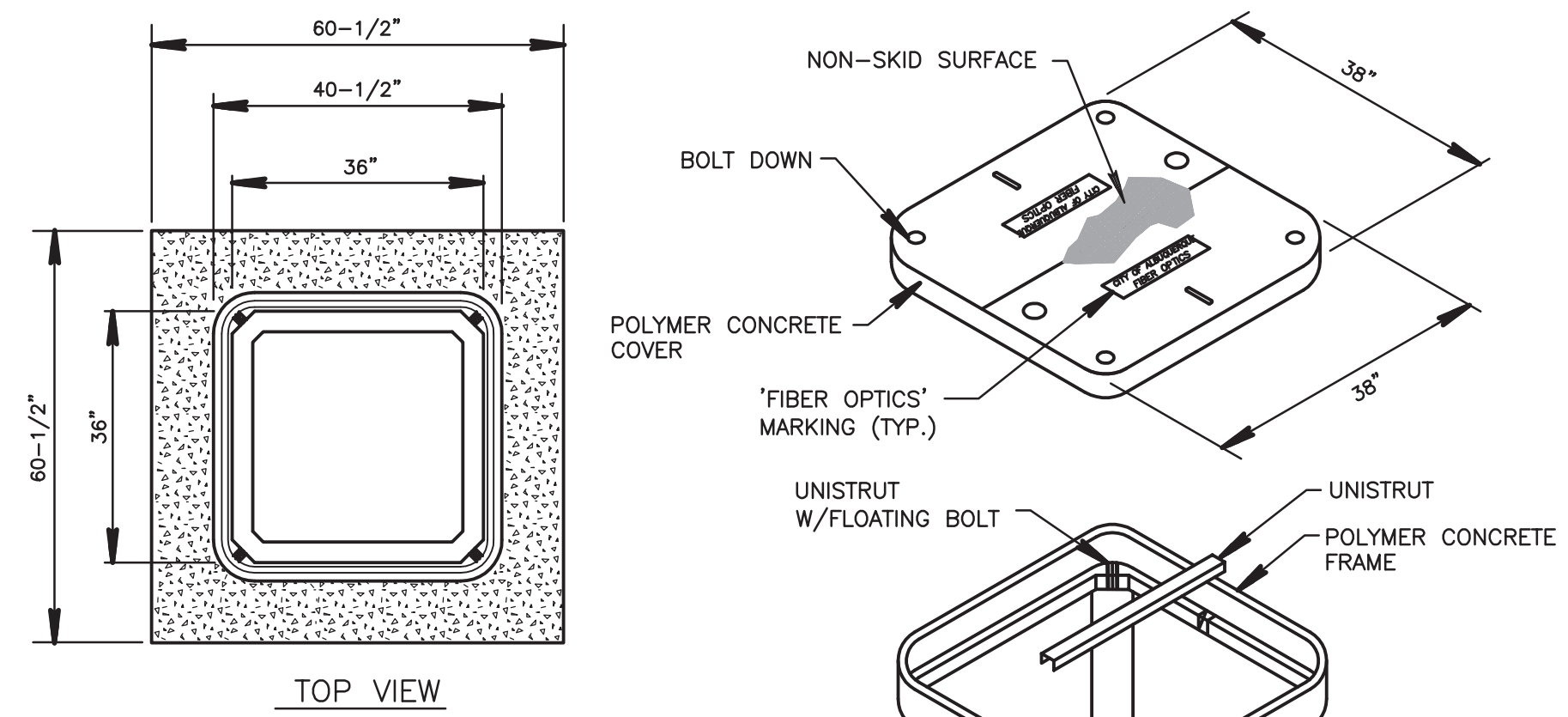
TYPICAL PAVEMENT SECTION
UNSER BLVD.



DEPRESSED GUTTER SECTION
UNSER BLVD.



DIRECTIONAL RAMP DETAIL
PER COA STD DWG 2426
Scale: NTS



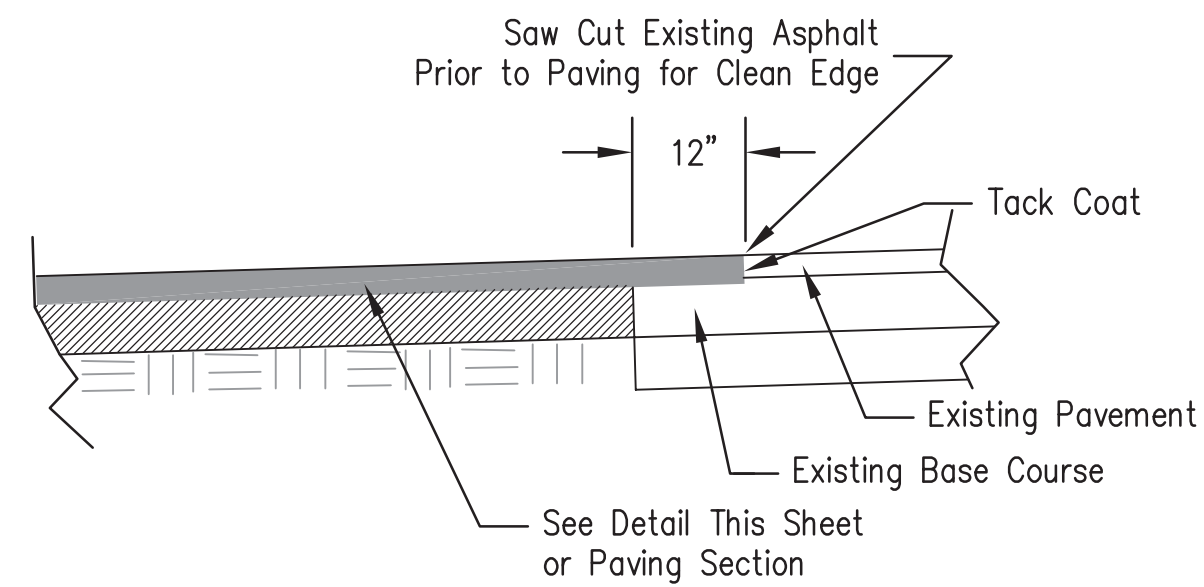
SPLICE VAULT DETAIL
SCALE: NTS

POLYMER MORTAR VAULT AND COVER NOTES:

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


CONCRETE COLLAR NOTES:

1. ELEVATION OF TOP OF VAULT SHALL BE EQUAL WITH TOP OF CURB, OR PAVEMENT EDGE IN LOCATIONS WITHOUT CURB.
2. THE CONCRETE IN THE COLLAR SHALL BE PER SPEC 101, EXTERIOR CONCRETE, $f_c=3500$ PSI AT 28 DAYS.
3. THE CONCRETE COLLAR SHALL BE CONSIDERED INCIDENTAL TO THE VAULT BID ITEM.



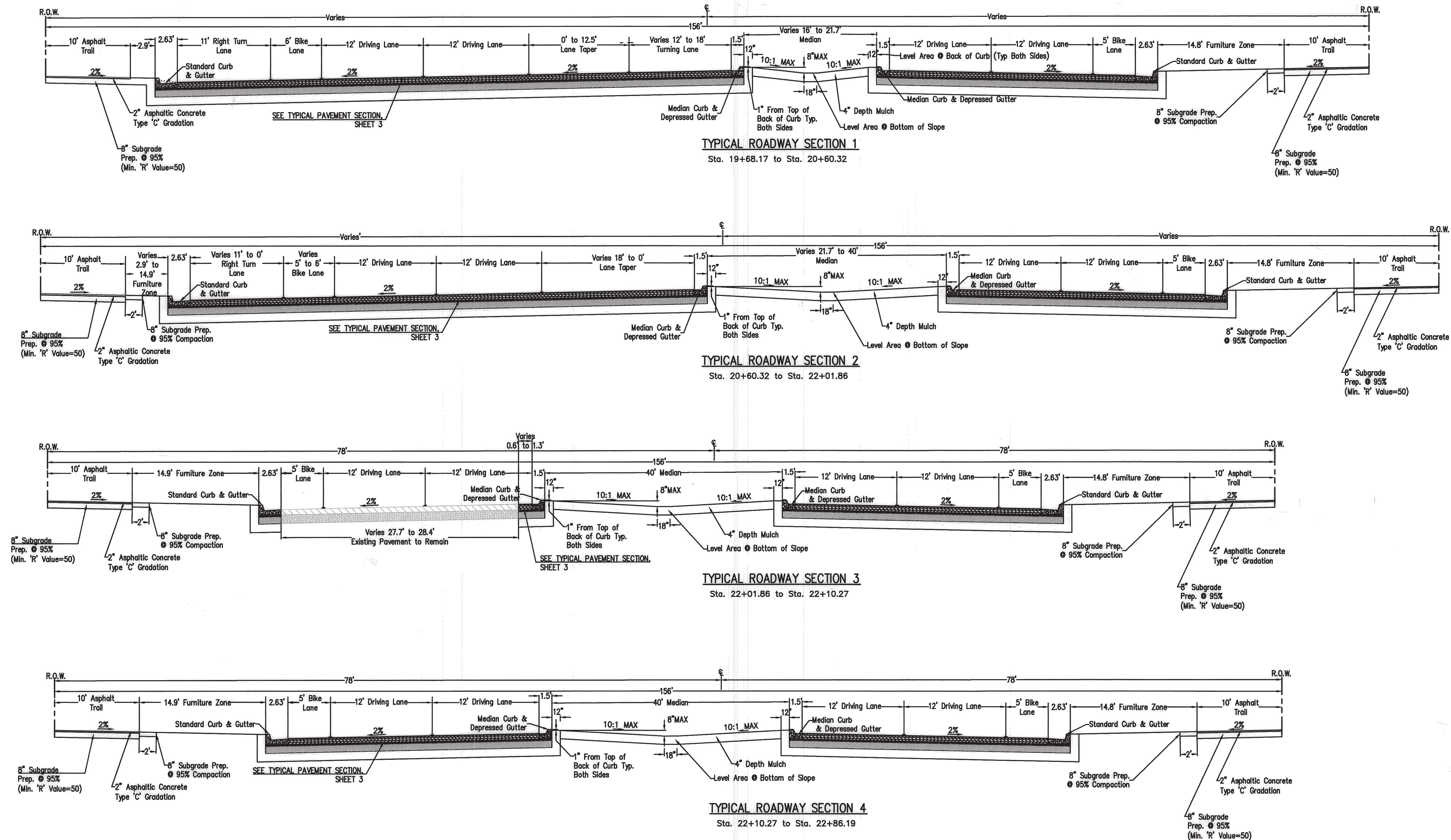
PAVEMENT MATCH DETAIL
SCALE: NTS

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION
TITLE:	DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO
<h1 style="margin: 0;">DETAILS</h1>	

Design Review Committee <div style="border: 2px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">APPROVE</h2> <p style="font-size: 1.2em; margin: 5px 0;">JAN 31 2012</p> <p style="margin: 0;">DESIGN REVIEW COMMITTEE</p> </div>	City Engineer Approval <div style="border: 2px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">APPROVE</h2> <p style="font-size: 1.2em; margin: 5px 0;">JAN 31 2012</p> <p style="margin: 0;">CITY ENGINEER</p> </div>	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></td><td></td></tr> <tr><td style="height: 30px;"></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	Of												
7089.91	A-11-z	3	21												

Date: Jan. 12, 2012 - 4:25pm jpowell Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Streets\213081 Details.DWG



RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

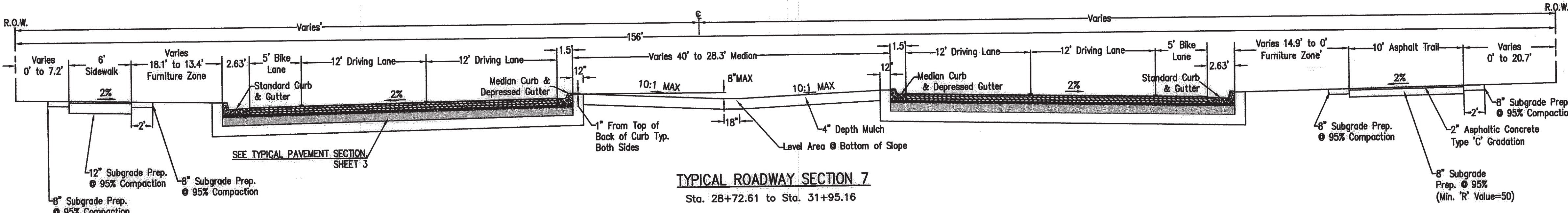
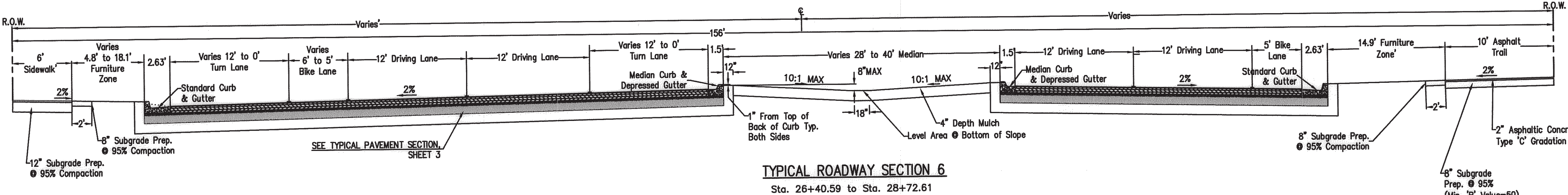
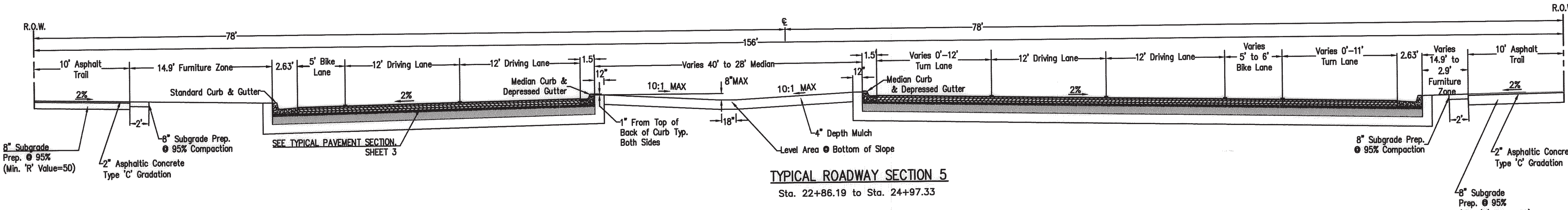
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		Mo./Day/Yr.	
APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE		APPROVED JAN 31 2012 CITY ENGINEER			
City Project No. 7089.91		Zone Map No. A-11-Z		Sheet 4 of 21	

TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO

TYPICAL SECTIONS


NO.	DATE	REVISIONS	BY
1	01-12	WHPacific Incorporated	
2	01-12	DESIGNED BY WHPacific	
3	01-12	DRAWN BY WHPacific	
4	01-12	CHECKED BY WHPacific	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	THE STATION IS LOCATED AT THE INTERSECTION	DATE	FIELD NOTES	NO.	ENGINEER'S SEAL	REMARKS
UNSER BLVD. NW AND McMAHON BLVD. NW IN THE NORTHEAST QUADRANT OF THE INTERSECTION	DATE	THE STATION IS LOCATED AT THE INTERSECTION	DATE	NO.	NO.	ENGINEER'S SEAL	REMARKS
THE NORTH MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET IN A CONCRETE POST PROJECTING 0.20 ABOVE GROUND	DATE	THE STATION IS LOCATED AT THE INTERSECTION	DATE	NO.	NO.	ENGINEER'S SEAL	REMARKS
STAMPED 9-A11 2006	DATE	THE STATION IS LOCATED AT THE INTERSECTION	DATE	NO.	NO.	ENGINEER'S SEAL	REMARKS
ELEVATION=5301.647 FT (2ND ORDER) (NAVD 1988)	DATE	THE STATION IS LOCATED AT THE INTERSECTION	DATE	NO.	NO.	ENGINEER'S SEAL	REMARKS
NO. 15332006.142 E=1506571.019	DATE	THE STATION IS LOCATED AT THE INTERSECTION	DATE	NO.	NO.	ENGINEER'S SEAL	REMARKS



RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.



	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION														
	TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO														
<h2 style="margin: 0;">TYPICAL SECTIONS</h2>															
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.												
<div style="border: 2px solid black; padding: 10px; width: 150px; margin: 0 auto;"> <div style="border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">APPROVE</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> JAN 31 2012 </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; font-weight: bold;"> DESIGN REVIEW COMMITTEE </div> </div>	<div style="border: 2px solid black; padding: 10px; width: 150px; margin: 0 auto;"> <div style="border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">APPROVE</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> JAN 31 2012 </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; font-weight: bold;"> CITY ENGINEER </div> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50px; text-align: center; vertical-align: middle;">Last Design Update</td> <td style="width: 100px;"></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> </table>		Last Design Update											
Last Design Update															
City Project No.	Zone Map No.	Sheet	Of												
7089 01	A-11-7	5	21												

[illegible]

1. BASIS OF BEARINGS, BEARINGS ARE DERIVED FROM GPS OBSERVATIONS TIED TO ACS STATION "9_A11" AND STATION "8_A11" RECOVERED THIS SURVEY.
2. THE COORDINATES SHOWN ON THE DRAWING ARE MODIFIED NAD83 SPC NM(C) SCALED TO GROUND AT NORTH=0.0 AND EAST=0.0, USING A PROJECT COMBINED SCALE FACTOR OF 1.000329251.
3. ALL DISTANCES INDICATED ON THIS DRAWING ARE GROUND DISTANCES.
4. ALL BEARINGS INDICATED ON THIS DRAWING ARE STATE PLANE GRID BEARINGS.
5. ELEVATIONS ARE BASED ON ACS STATION "9_A11", ELEVATION=5301.647 ft. NAVD88, CITY OF ALBUQUERQUE GEOID.
6. CITY BENCH MARKS ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION. IF CITY BENCH MARKS ARE DAMAGED DURING CONSTRUCTION IT MUST BE RESET BY A LICENSED SURVEYOR AT COST TO CONTRACTOR. COORDINATE WITH GLEN HAIKIN ☎ 505-768-3614.

$$\begin{aligned}\Delta &= 23^{\circ}59'11'' \\ R &= 200.00' \\ L &= 4.10' \\ T &= 2.05'\end{aligned}$$
$$\begin{aligned}\Delta &= 17^{\circ}12'39'' \\ R &= 5524.52' \\ L &= 1419.79' \\ T &= 713.83'\end{aligned}$$


TIE POINT
STA 32+50
N 1534900.35
E 1507059.41

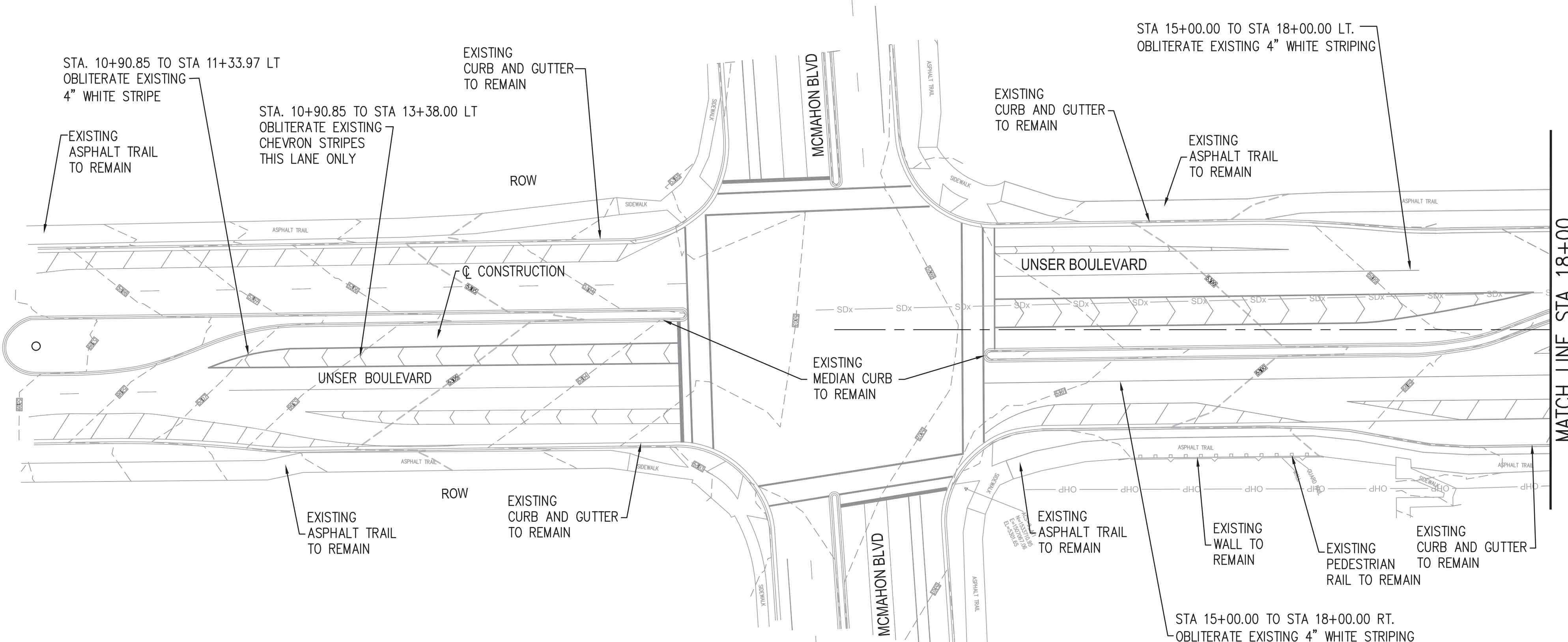
"ACS-8_A11"
N 1534934.95
E 1507071.17
ELEV 5283.03

"ACS-9_A11"
N 1533206.14
E 1506571.02
ELEV 5301.65

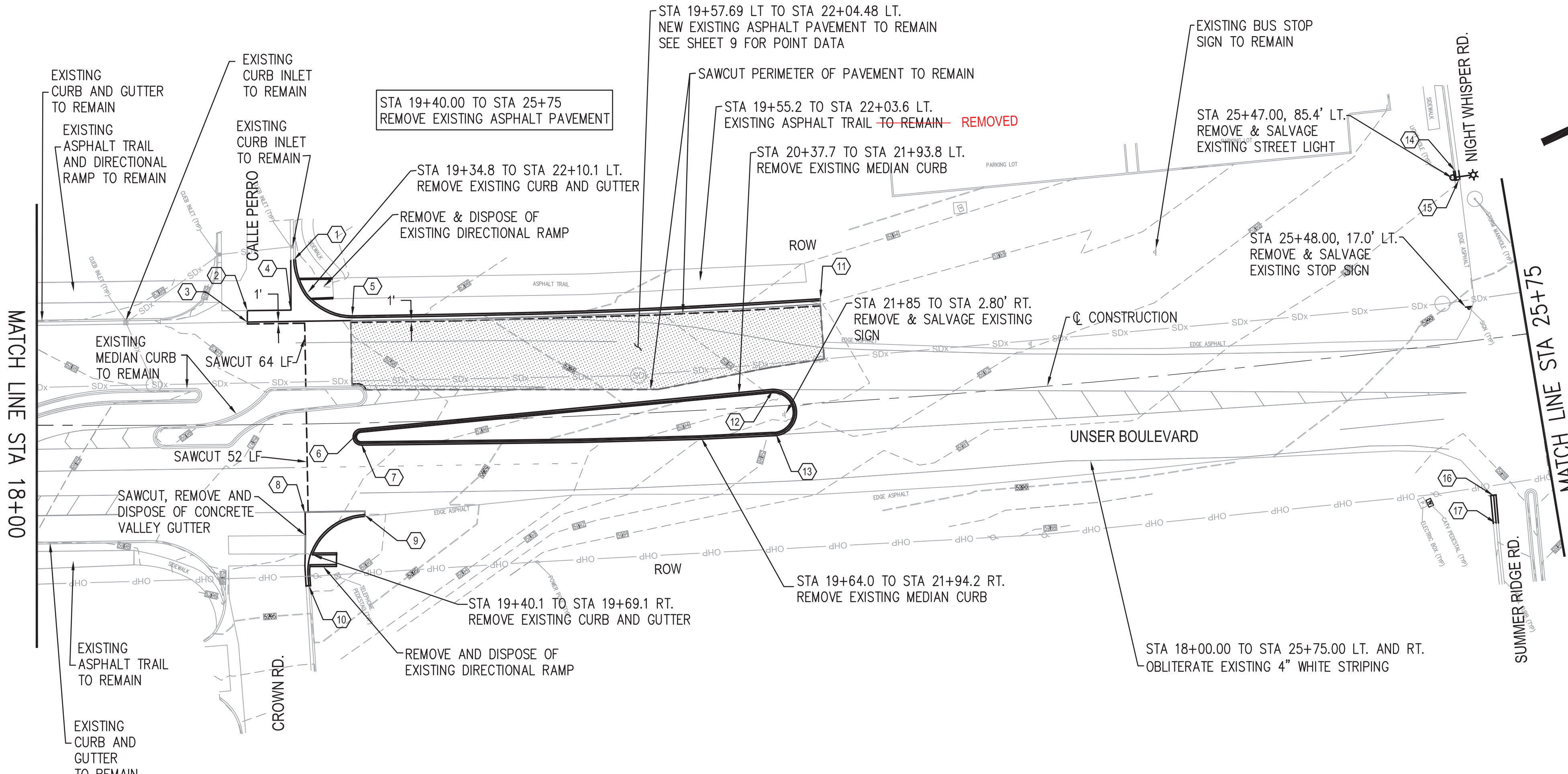
RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.


WHPacific
6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

	www.wipacn.com CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION																																								
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO																																									
<h1 style="margin: 0;">SURVEY CONTROL</h1>																																									
Design Review Committee <div style="border: 2px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">APPROVED</h2> <p style="font-size: 1.2em; margin: 5px 0;">JAN 31 2012</p> <p style="margin: 0;">DESIGN REVIEW COMMITTEE</p> </div>	City Engineer Approval <div style="border: 2px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">APPROVED</h2> <p style="font-size: 1.2em; margin: 5px 0;">JAN 31 2012</p> <p style="margin: 0;">CITY ENGINEER</p> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 45%;">Mo./Day/Yr.</th> <th style="width: 45%;">Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td></tr> </tbody> </table>		Mo./Day/Yr.	Mo./Day/Yr.	1			2			3			4			5			6			7			8			9			10			11			12		
	Mo./Day/Yr.	Mo./Day/Yr.																																							
1																																									
2																																									
3																																									
4																																									
5																																									
6																																									
7																																									
8																																									
9																																									
10																																									
11																																									
12																																									
City Project No.		Zone Map No.																																							
<h2 style="margin: 0;">7089.91</h2>		<h2 style="margin: 0;">A-11-Z</h2>																																							
		Sheet Of																																							
		<h1 style="margin: 0;">6 21</h1>																																							




RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

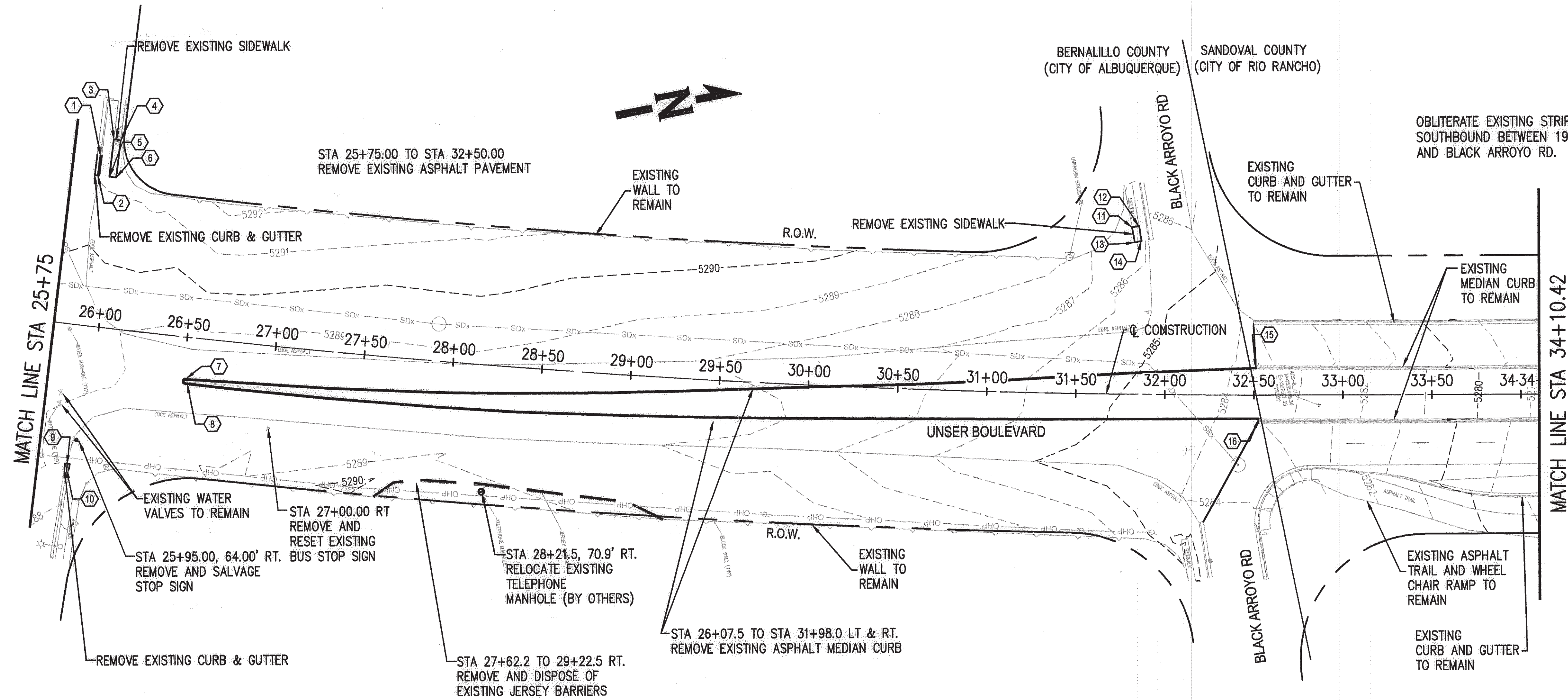


Removals		
	Station	Offset
1	19+34.64	85.23
2	19+09.90	59.26
3	19+09.89	53.27
4	19+32.86	59.17
5	19+64.85	54.72
6	19+68.17	3.98
7	19+68.21	10.59
8	19+38.32	45.68
9	19+69.11	47.56
10	19+39.78	83.91
11	22+10.36	53.13
12	21+82.66	7.85
13	21+80.94	14.39
14	25+48.89	88.74
15	25+48.92	83.74
16	25+47.54	80.96
17	25+47.00	95.36

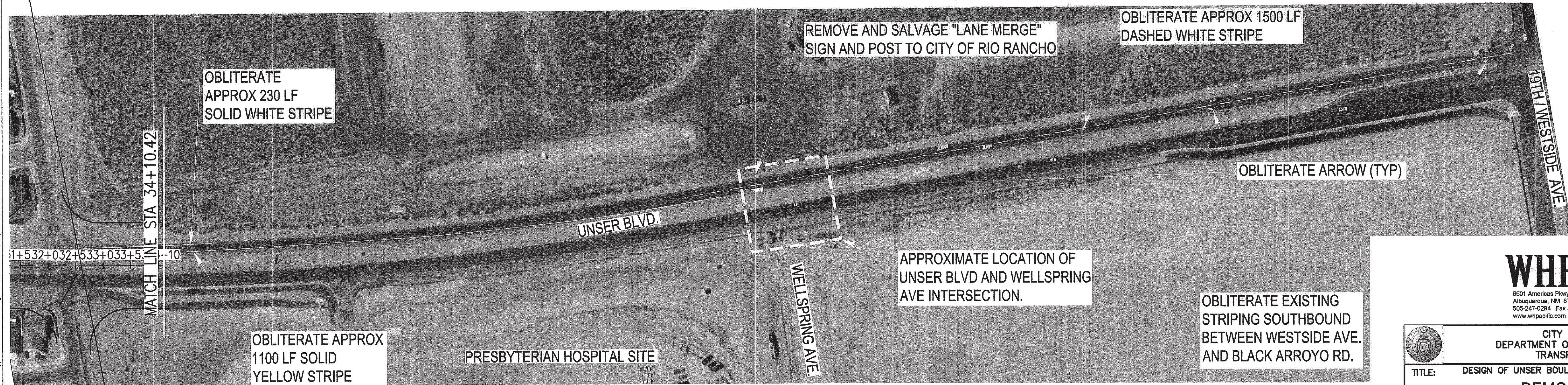
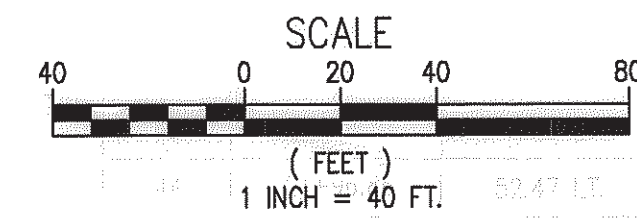


		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO					
<h1 style="text-align: center;">DEMOLITION PLAN</h1>					
Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.
City Project No.		Zone Map No.		Sheet	Of
7089.91		A-11-Z		7	21

Date: Dec. 20, 2011 - 3:27pm jpowell Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081.Demo.dwg

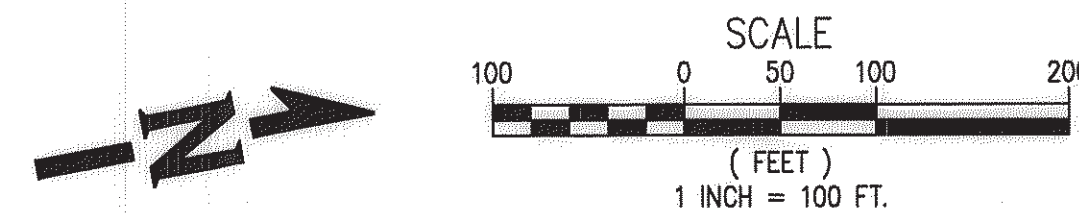


Removals		
Station	Offset	
1	25+89.39	95.68
2	25+89.35	84.34
3	25+95.94	105.65
4	25+99.91	105.63
5	25+95.91	84.34
6	25+99.88	84.46
7	25+51.69	23.25
8	26+51.67	26.23
9	25+91.56	78.16
10	25+91.45	81.38
11	31+83.54	93.64
12	31+84.45	94.46
13	31+82.18	85.23
14	31+86.02	86.09
15	32+51.25	15.31
16	32+52.69	14.07



[Signature] 12/28/12
CITY OF RIO RANCHO, PUBLIC WORKS DEPARTMENT

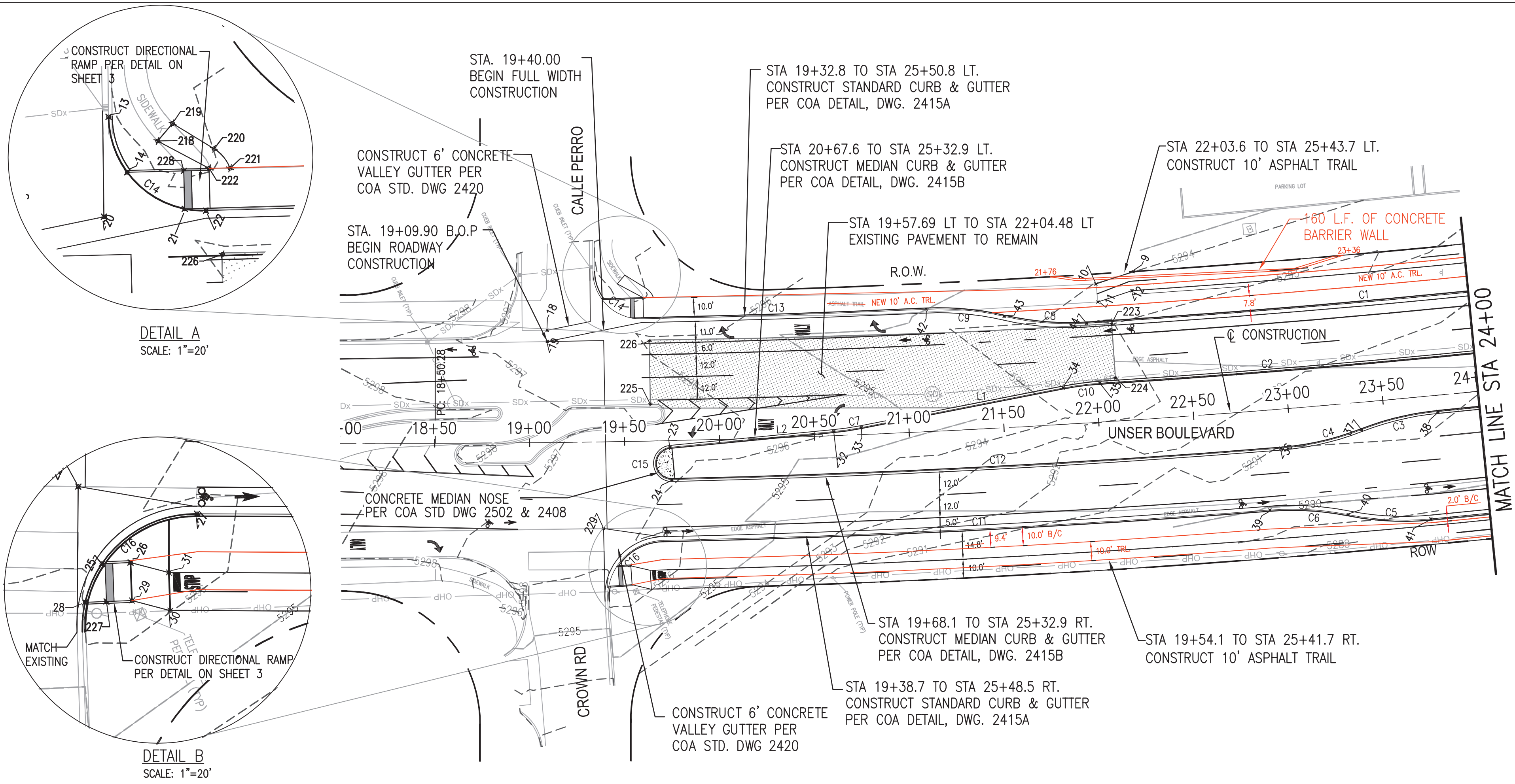
RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO	
DEMOLITION PLAN	
Design Review Committee APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 31 2012 CITY ENGINEER
City Project No. 7089.91	Zone Map No. A-11-Z
Sheet 8	Of 21

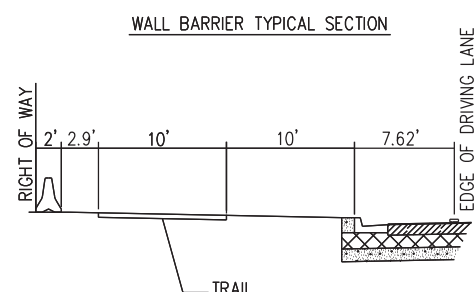
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK	THE STATION IS LOCATED AT THE INTERSECTION	FIELD NOTES	NO.	DATE		REVISIONS
DATE	DATE	OF UNSER BLVD. NW AND McMAHON BLVD. NW IN THE NORTHEAST QUADRANT OF THE INTERSECTION	BY				
DATE	DATE	THE STATION MARK IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET IN A CONCRETE POST PROJECTING 0.20 ABOVE GROUND					
DATE	DATE	STAMPED 9-A11 2006 ELEVATION=5301.647 FT (2ND ORDER) (NAVD 1988)					
MICRO-FILM INFORMATION							
NO.	NO.						

Date: Dec. 13, 2012 — 4:12pm kthompson Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 — Unser and McMahon\Sheets\213081_Plan & Profile.dwg



LINE TABLE		
Line #	Length	Direction
L1	108.411	S13° 29' 02.32"W
L2	86.650	N19° 03' 33.09"E

CURVE TABLE				
Curve #	Length	Radius	Delta	Tangent
C1	318.561	5472.050	3.3355	159.325
C2	288.187	5504.050	3.0000	144.126
C3	41.446	150.000	15.8313	20.856
C4	43.722	150.000	16.7005	22.017
C5	43.712	150.000	16.6969	22.012
C6	41.455	150.000	15.8346	20.860
C7	14.596	150.000	5.5752	7.304
C8	43.737	150.000	16.7064	22.025
C9	41.431	150.000	15.8256	20.848
C10	19.486	150.000	7.4431	9.757
C11	319.901	5577.050	3.2865	159.995
C12	321.223	5545.050	3.3191	160.656
C13	150.034	5460.050	1.5744	75.022
C14	39.652	25.001	90.8704	25.384
C15	26.077	8.500	175.7740	230.382
C16	48.422	30.000	92.4790	31.327



POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
9	22+23.43	77.99 LT.	5294.02'	TA, MATCH EX.
10	22+03.14	72.77 LT.	5293.98'	TA, MATCH EX.
11	22+03.60	63.24 LT.	5293.79'	TA
12	22+22.07	68.00 LT.	5293.81'	TA
13	19+34.68	89.76 LT.	5296.36'	FL, MATCH EX.
14	19+39.36	75.05 LT.	5295.88'	FL
18	19+09.90	59.20 LT.	5296.67'	TA, MATCH EX.
19	19+09.89	53.27 LT.	5296.61'	TA, MATCH EX.
20	19+32.92	65.65 LT.	5296.25'	TA, MATCH EX.
21	19+54.47	65.09 LT.	5295.33'	FL
22	19+60.12	64.47 LT.	5295.18'	FL
23	19+73.87	3.55 RT.	5296.34'	FL, PC
24	19+74.50	20.53 RT.	5295.87'	FL, PT
25	19+44.67	65.89 RT.	5295.45'	FL, RAMP
26	19+52.11	65.53 RT.	5296.05'	TOC, RAMP
27	19+69.30	52.53 RT.	5295.29'	FL, PT
28	19+40.41	76.11 RT.	5295.51'	FL, PC
29	19+52.57	75.52 RT.	5296.25'	TOC, RAMP
30	19+62.55	78.06 RT.	5296.48'	TA
31	19+62.11	68.06 RT.	5296.28'	TA
32	20+60.32	2.17 LT.	5295.12'	FL, PC
33	20+74.84	3.70 LT.	5295.21'	FL, PT
34	21+82.36	19.17 LT.	5293.21'	FL, PC
35	22+01.86	20.47 LT.	5293.93'	FL, PCC
36	22+94.53	20.53 RT.	5291.74'	FL, PC
37	23+37.52	14.37 RT.	5291.46'	FL, PRC
38	23+78.34	8.53 RT.	5291.21'	FL, PT
39	22+86.19	52.53 RT.	5291.20'	FL, PC
40	23+26.69	58.37 RT.	5290.71'	FL, PRC
41	23+69.34	64.53 RT.	5290.17'	FL, PT
42	21+11.93	64.47 LT.	5293.21'	FL, PC
43	21+53.27	58.63 LT.	5292.80'	FL, PCC
44	21+96.86	52.47 LT.	5292.36'	FL, PT
218	19+47.20	83.12 LT.	5297.08'	TSW
219	19+51.75	87.66 LT.	5297.22'	TSW
220	19+62.69	80.72 LT.	5296.99'	TSW
221	19+66.82	75.47 LT.	5296.92'	TSW
222	19+61.25	75.60 LT.	5297.02'	TSW
223	22+10.14	51.36 LT.	5293.19'	PAVE
224	22+10.27	22.79 LT.	5293.19'	PAVE
225	19+64.03	19.34 LT.	5295.70'	PAVE
226	19+64.06	53.23 LT.	5295.70'	PAVE
227	19+45.96	75.84 RT.	5295.62	TSW
228	19+54.50	75.06 LT.	5296.18	TSW
229	19+38.26	45.69 RT.	5296.19	TA, MATCH EX.

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

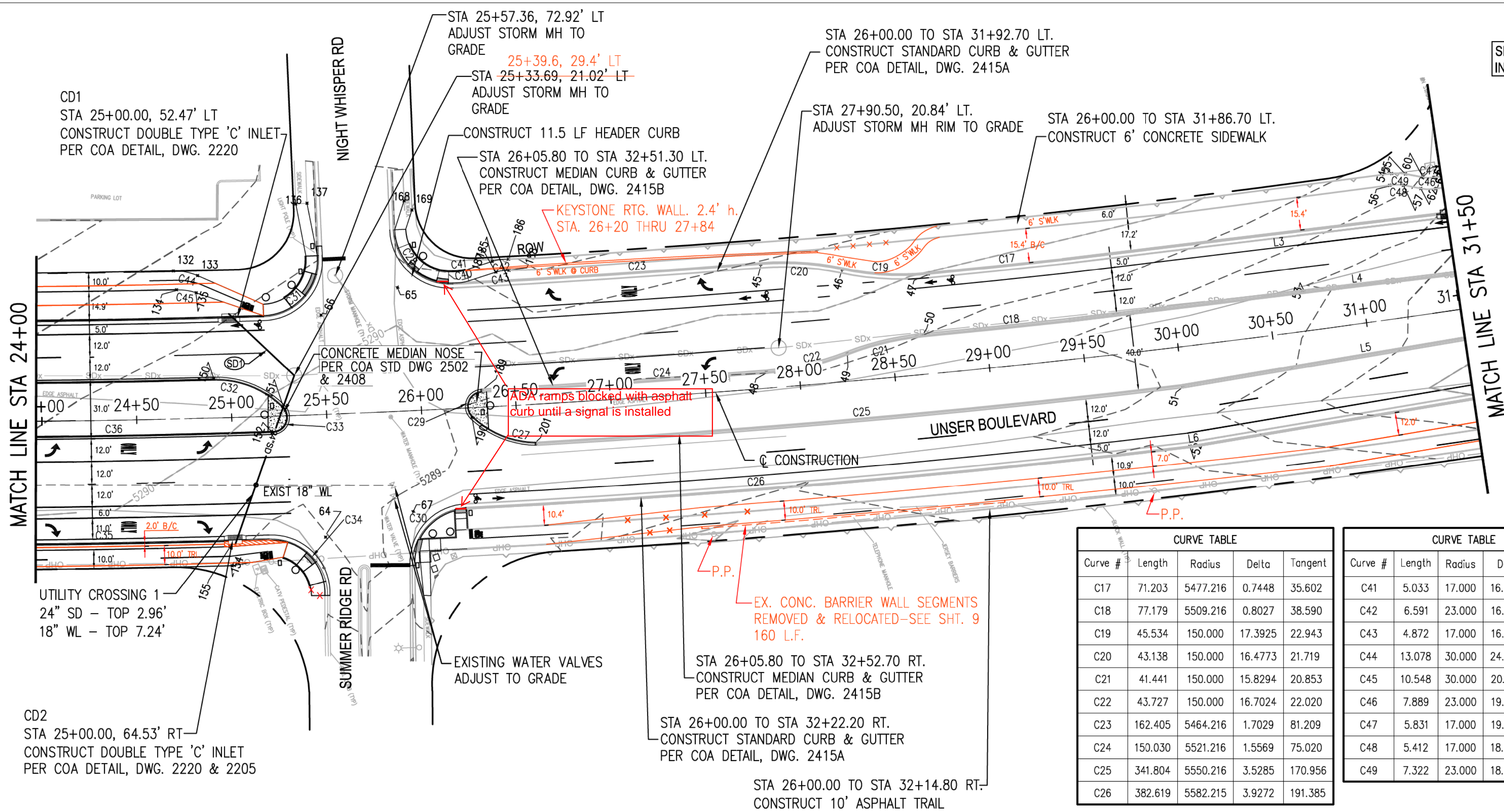
GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STORM DRAINAGE STRUCTURES AND UTILITY LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL MANHOLE RIMS AND VALVE BOXES ARE TO BE ADJUSTED TO FINAL PAVEMENT ELEVATIONS.
- ALL CONTROL POINTS & ELEVATIONS IN TABLE SHOWN TO FLOWLINE OF CURB, FLOWLINE OF RAMP, TOP OF CURB ON RAMP & TOP OF ASPHALT SIDEWALK UNLESS OTHERWISE NOTED.

WHPacific
6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO			
PLAN AND PROFILE			
UNSER BLVD. STA 18+00.00 TO STA 24+00.00			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	APPROVED JAN 31 2012 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7089.91	A-11-Z	9	21

Date: Dec. 13, 2012 - 4:53pm kthompson Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081 Plan & Profile.dwg



SEE SHEET 12 FOR INTERSECTION DETAIL

LINE TABLE		
Line #	Length	Direction
L5	253.543	N9° 53' 15.68"E
L6	196.778	N9° 53' 42.61"E
L3	213.586	S12° 35' 49.59"W
L4	305.708	N12° 36' 42.87"E

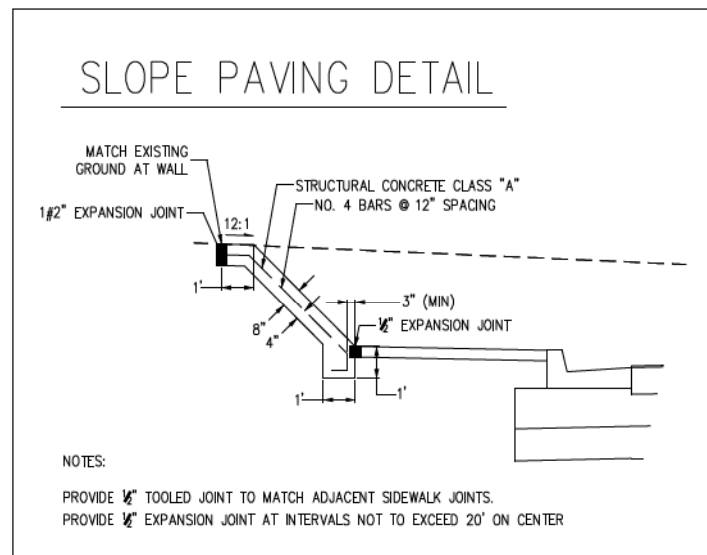
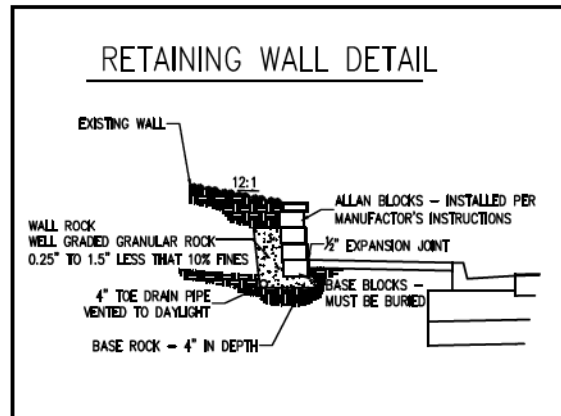
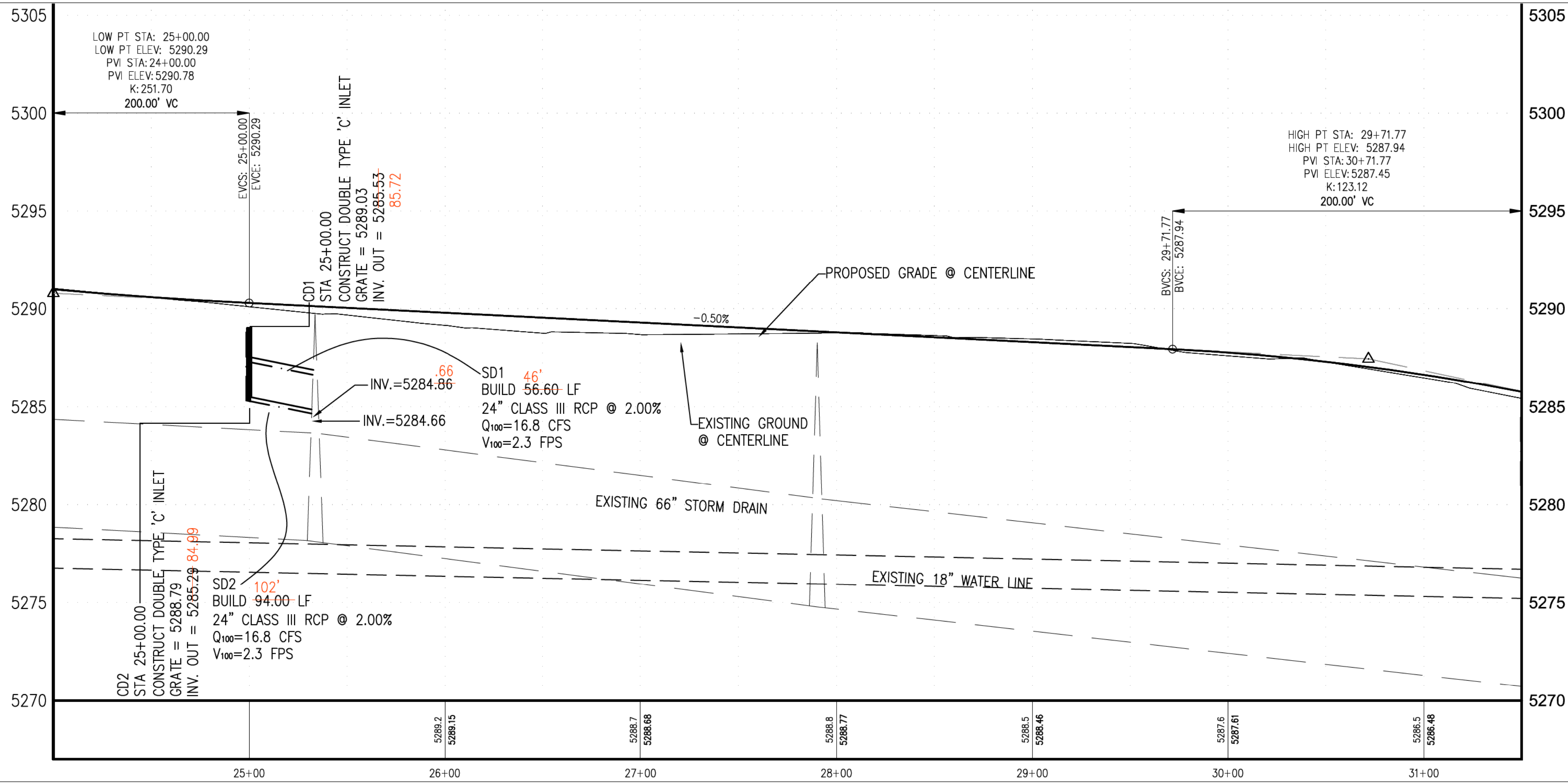
POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
45	27+84.28	65.49, LT	5287.560	FL, PRC
46	28+27.29	59.17, LT	5287.470	FL, PRC
47	28+72.61	52.49, LT	5287.380	FL, PCC
48	27+82.73	8.49, LT	5288.710	FL, PCC
49	28+25.95	14.65, LT	5288.490	FL, PRC
50	28+66.98	20.49, LT	5288.050	FL, PRC
51	30+00.00	20.98, RT	5287.150	FL, PC
52	30+00.00	52.49, RT	5286.530	FL, PT
53	30+69.56	20.51, LT	5286.250	FL, PT
54	31+24.13	75.97, LT	5288.550	TA, PC-MATCH EX.
55	31+31.42	74.73, LT	5288.397	TA, PT
56	31+22.25	59.99, LT	5288.430	TA, PC
57	31+29.44	59.06, LT	5288.280	TA, PT
60	31+40.37	71.68, LT	5287.974	TA, PC
61	31+46.17	70.75, LT	5287.781	TA, PT
62	31+38.39	66.01, LT	5287.850	TA, PC
63	31+46.23	64.75, LT	5287.660	TA, PT
64	25+47.03	64.64, RT	5288.923	PI
65	25+90.31	65.17, LT	5290.358	PI
66	25+49.10	52.32, LT	5290.465	PI
67	25+93.25	53.15, RT	5288.792	PI

CURVE TABLE				
Curve #	Length	Radius	Delta	Tangent
C17	71.203	5477.216	0.7448	35.602
C18	77.179	5509.216	0.8027	38.590
C19	45.534	150.000	17.3925	22.943
C20	43.138	150.000	16.4773	21.719
C21	41.441	150.000	15.8294	20.853
C22	43.727	150.000	16.7024	22.020
C23	162.405	5464.216	1.7029	81.209
C24	150.030	5521.216	1.5569	75.020
C25	341.804	5550.216	3.5285	170.956
C26	382.619	5582.215	3.9272	191.385

CURVE TABLE				
Curve #	Length	Radius	Delta	Tangent
C41	5.033	17.000	16.9622	2.535
C42	6.591	23.000	16.4198	3.318
C43	4.872	17.000	16.4198	2.453
C44	13.078	30.000	24.9777	6.645
C45	10.548	30.000	20.1449	5.329
C46	7.889	23.000	19.6512	3.983
C47	5.831	17.000	19.6512	2.944
C48	5.412	17.000	18.2405	2.729
C49	7.322	23.000	18.2405	3.692

CURVE TABLE				
Curve #	Length	Radius	Delta	Tangent
C41	5.033	17.000	16.9622	2.535
C42	6.591	23.000	16.4198	3.318
C43	4.872	17.000	16.4198	2.453
C44	13.078	30.000	24.9777	6.645
C45	10.548	30.000	20.1449	5.329
C46	7.889	23.000	19.6512	3.983
C47	5.831	17.000	19.6512	2.944
C48	5.412	17.000	18.2405	2.729
C49	7.322	23.000	18.2405	3.692

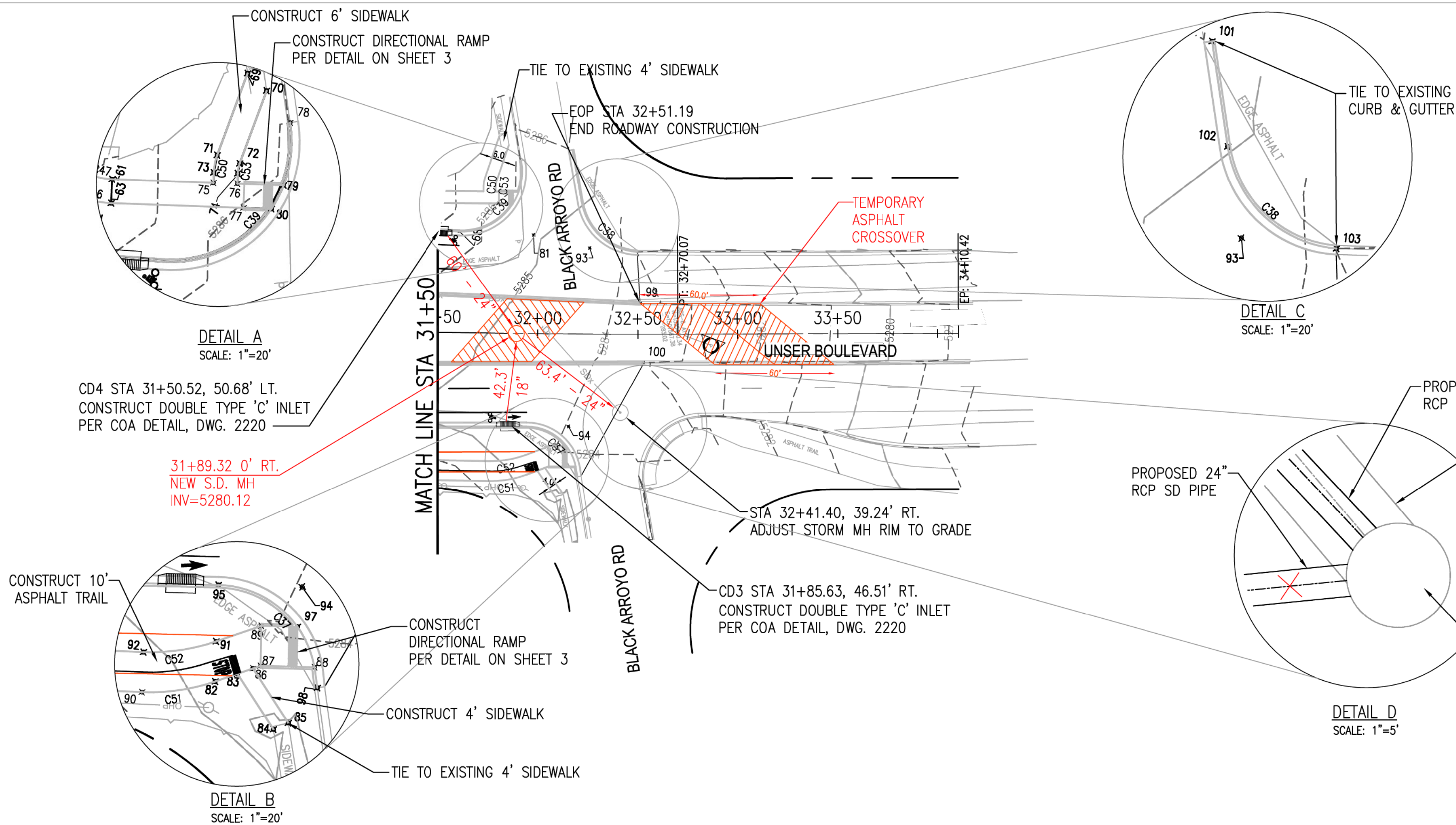
RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.



- GENERAL NOTES:
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STORM DRAINAGE STRUCTURES AND UTILITY LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL MANHOLE RIMS AND VALVE BOXES ARE TO BE ADJUSTED TO FINAL PAVEMENT ELEVATIONS.
 - REFER TO CITY OF ALBUQUERQUE PROJECTS 677782 AND 618591 FOR ASBUILTS OF STORM DRAIN LINES, MANHOLES AND INLETS.
 - ALL CONTROL POINTS & ELEVATIONS IN TABLE SHOWN TO FLOWLINE OF CURB, FLOWLINE OF RAMP, TOP OF CURB ON RAMP & TOP OF ASPHALT SIDEWALK UNLESS OTHERWISE NOTED.

WHPacific
6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-4294 Fax 505-242-4845
www.whpacific.com

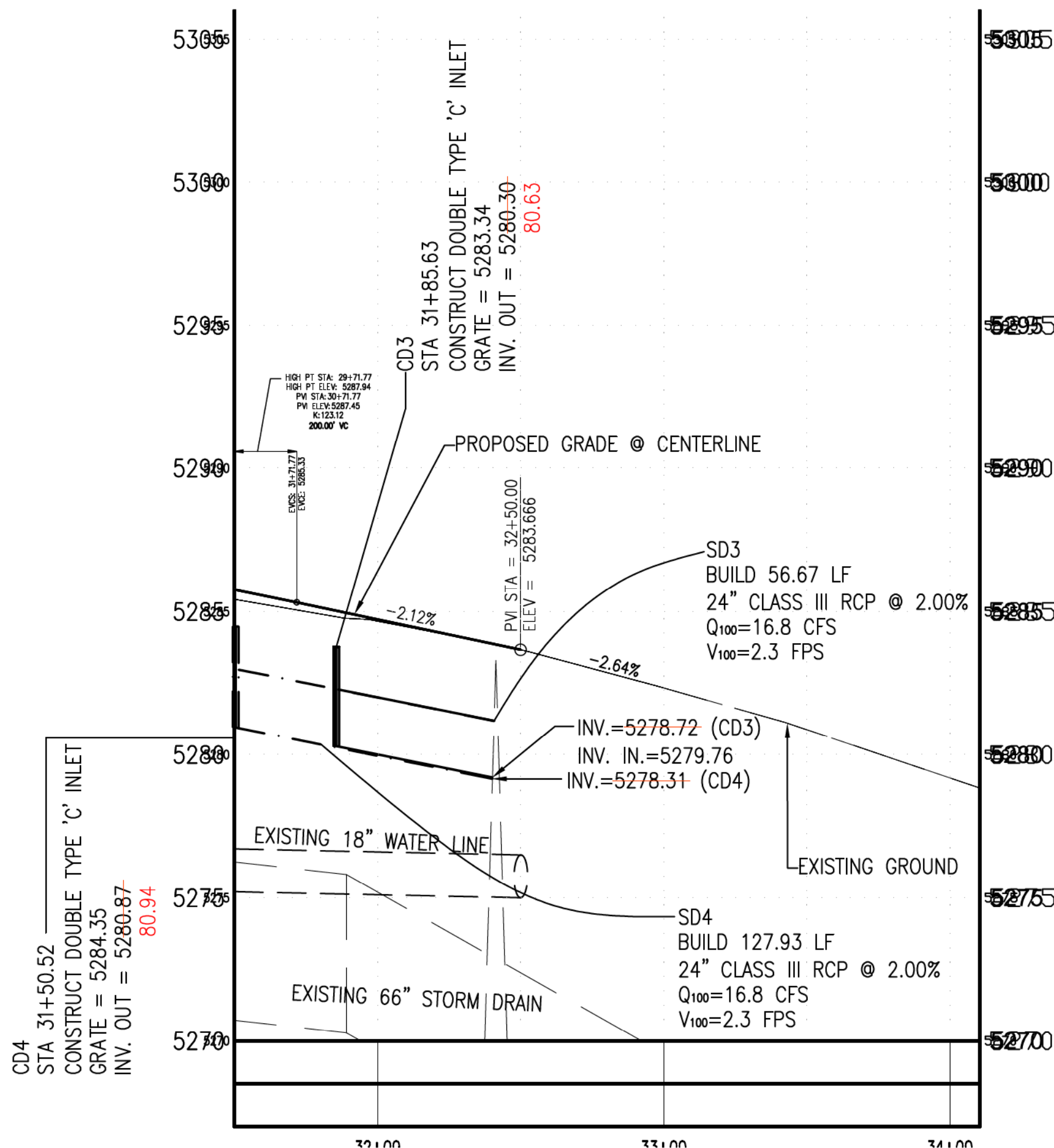
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO	
PLAN AND PROFILE	
UNSER BLVD. STA 24+00.00 TO STA 31+50.00	
Design Review Committee APPROVE JAN 31 2012 DESIGN REVIEW COMMITTEE	City Engineer Approved APPROVE JAN 31 2012 CITY ENGINEER
City Project No. 7089.91	Zone Map No. A-11-Z
Sheet 10	Of 21



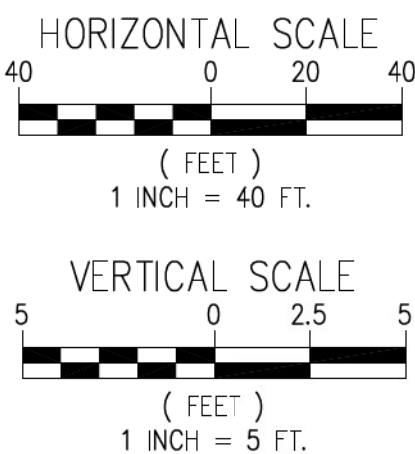
CURVE TABLE				
Curve #	Length	Radius	Delta	Tangent
C37	35.318	25.000	80.9432	21.331
C38	40.179	30.105	76.4679	23.719
C39	53.473	30.000	102.1253	37.130
C50	4.468	14.000	18.2846	2.253
C51	18.456	50.000	21.1488	9.334
C52	18.452	50.000	21.1443	9.332
C53	2.553	8.000	18.2846	1.287

POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
68	31+80.02	50.68, LT	5286.54	FL, PCC
69	31+79.43	98.68, LT	5286.69	TA-MATCH EX.
70	31+84.45	94.46, LT	5286.50	TA-MATCH EX.
71	31+72.54	77.90, LT	5286.14	TA, PT
72	31+78.33	76.04, LT	5286.01	TA, PT
73	31+71.85	73.51, LT	5286.03	TA, PC
74	31+77.93	73.53, LT	5285.95	TA, PC
75	31+71.86	70.92, LT	5285.97	TA
76	31+77.94	70.95, LT	5285.88	TA
77	31+79.72	64.95, LT	5285.78	TOC-RAMP
78	31+90.73	86.72, LT	5285.63	FL, PT-MATCH EX.
79	31+89.68	70.97, LT	5285.35	FL, PCC
80	31+86.80	64.97, LT	5285.23	FL, PCC
81	31+97.46	49.46, LT	5285.15	PI
82	31+95.00	70.66, RT	5284.74	TA, PT
83	32+00.43	68.56, RT	5284.62	TA
84	32+09.78	82.15, RT	5285.12	TA-MATCH EX.
85	32+13.41	80.44, RT	5285.10	TA-MATCH EX.
86	32+04.24	67.09, RT	5284.54	TA
87	32+06.07	66.38, RT	5284.50	TOC-RAMP
88	32+19.40	66.25, RT	5284.09	FL, PT
89	32+05.96	56.38, RT	5284.50	TOC-RAMP
90	31+77.03	74.00, RT	5285.64	TA, PC
91	31+94.87	60.66, RT	5284.49	TA, PT
92	31+77.03	64.00, RT	5285.44	TA, PC
93	32+25.82	43.17, LT	5284.21	PI
94	32+15.73	46.00, RT	5283.97	PI
95	31+94.95	46.51, RT	5283.68	FL, PC
97	32+15.72	56.29, RT	5283.96	FL, PCC
98	32+15.72	92.18, LT	5284.15	FL-MATCH EX.
99	32+15.72	15.49, LT	5283.30	FL-MATCH EX.
100	32+52.69	14.07, RT	5283.14	FL-MATCH EX.
101	32+16.84	92.18, LT	5285.86	FL-MATCH EX.
102	32+21.67	65.97, LT	5285.06	FL, PC
103	32+49.75	41.18, LT	5283.00	FL, PT-MATCH EX.

- GENERAL NOTES:
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STORM DRAINAGE STRUCTURES AND UTILITY LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL MANHOLE RIMS AND VALVE BOXES ARE TO BE ADJUSTED TO FINAL PAVEMENT ELEVATIONS.
 - REFER TO CITY OF ALBUQUERQUE PROJECTS 677781 FOR ASBUILT PLANS OF STORM DRAIN LINES, MANHOLES AND INLETS.
 - ALL CONTROL POINTS & ELEVATIONS IN TABLE SHOWN TO FLOWLINE OF CURB, FLOWLINE OF RAMP, TOP OF CURB ON RAMP & TOP OF ASPHALT SIDEWALK UNLESS OTHERWISE NOTED.



RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO	
PLAN AND PROFILE	
UNSER BLVD. STA 31+50.00 TO STA 34+10.42	
Design Review Committee APPROVED JAN 3 1 2012 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 3 1 2012 CITY ENGINEER
City Project No. 7089.91	Zone Map No. A-11-Z
Sheet 11	Of 21

CURVE TABLE				
Curve #	Length	Radius	Delta	Tangent
C27	37.259	50.000	42.6962	19.543
C28	47.415	30.000	90.5566	30.293
C29	18.746	8.000	134.2571	18.965
C30	45.888	30.000	87.6404	28.789
C31	47.463	30.000	90.6479	30.341
C32	40.296	50.000	46.1753	21.314
C33	18.642	8.000	133.5105	18.625
C34	47.854	29.823	91.9370	30.849
C40	6.809	23.000	16.9622	3.430
C41	4.220	17.000	14.2217	2.121
C42	6.591	23.000	16.4198	3.318
C43	4.872	17.000	16.4198	2.453
C44	13.078	30.000	24.9777	6.645
C45	10.548	30.000	20.1449	5.329

POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
132	PC 24+71.17	78.00 LT.	5291.778	MATCH EX.
133	PT 24+84.01	75.18 LT.	5291.615	TA-MATCH EX.
134	PC 24+72.58	68.00 LT.	5291.576	TA
135	PT 24+83.04	66.16 LT.	5291.433	TA
136	PT 25+37.73	111.31 LT.	5291.175	TA-MATCH EX.
137	PT 25+43.78	111.48 LT.	5291.067	TA-MATCH EX.
138	PT 25+42.19	83.70 LT.	5291.170	TOC-RAMP
139	PT 25+48.28	83.74 LT.	5291.170	TOC-RAMP
140	PT 25+48.92	83.74 LT.	5290.504	FL-MATCH EX.
141	PC 25+41.16	75.68 LT.	5290.410	FL-RAMP
142	PC 25+47.58	73.73 LT.	5290.280	FL
143	PC 25+36.27	67.04 LT.	5290.130	FL-RAMP

POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
144	PC 25+41.29	62.65 LT.	5290.000	FL
145	PC 25+29.86	61.98 LT.	5290.570	TOC-RAMP
146	PC 25+33.85	56.60 LT.	5289.780	FL
147	PC 25+18.47	59.10 LT.	5290.200	TA
148	PC 25+18.47	53.10 LT.	5290.080	TOC
149	PC 25+18.47	52.47 LT.	5289.420	FL
150	PC 24+91.12	20.47 LT.	5289.960	FL
151	PC 25+27.23	4.98 LT.	5290.060	FL

POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
152	PT 25+21.42	8.53 RT.	5290.010	FL
153	PC 25+17.62	64.53 RT.	5288.912	FL
154	PT 24+98.01	78.00 RT.	5289.952	TA
155	PT 24+97.14	68.00 RT.	5289.751	TA
158	PC 25+27.30	66.70 RT.	5289.460	TOC-RAMP
159	PC 25+24.62	74.37 RT.	5289.620	TOC-RAMP
160	PC 25+37.19	72.05 RT.	5288.656	FL
161	PC 25+31.55	78.50 RT.	5288.828	FL-RAMP

POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
162	PC 25+41.80	77.29 RT.	5288.572	FL
163	PC 25+34.83	82.23 RT.	5288.745	FL-RAMP
164	PC 25+46.37	87.74 RT.	5288.436	FL
165	PC 25+38.10	89.68 RT.	5289.260	TOC-RAMP
166	PT 25+38.63	95.11 RT.	5289.163	TOC-RAMP


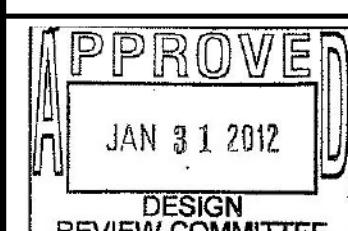

POINT TABLE				
POINT #	STATION	OFFSET	ELEVATION	DESCRIP.
167	PT 25+47.00	95.37 RT.	5288.345	FL-MATCH EX.
168	PT 25+95.95	110.65 LT.	5291.199	TA-MATCH EX.
169	PT 25+99.91	105.63 LT.	5291.313	TA-MATCH EX.
170	PC 25+89.39	95.68 LT.	5290.549	FL-MATCH EX.
171	PC 25+90.03	95.68 LT.	5291.216	TOC
172	PC 25+96.14	95.65 LT.	5291.220	TA
173	PC 25+96.05	76.82 LT.	5289.588	FL
174	PC 26+01.31	80.95 LT.	5289.721	FL-RAMP
175	PC 26+00.65	72.24 LT.	5289.283	FL
176	PC 26+04.90	77.37 LT.	5289.415	FL-RAMP
177	PC 26+12.95	73.13 LT.	5288.866	FL-RAMP
178	PC 26+10.98	66.80 LT.	5288.733	FL
179	PC 26+17.95	72.18 LT.	5288.561	FL-RAMP
180	PC 26+17.39	65.58 LT.	5288.428	FL
181	PC 26+19.92	72.10 LT.	5288.700	FL-RAMP
182	PT 26+27.11	72.62 LT.	5289.220	TA
183	PC 26+21.88	66.04 LT.	5289.038	TOC
184	PC 26+28.70	66.83 LT.	5289.100	TA
185	PC 26+41.67	76.48 LT.	5291.620	TA-MATCH EX.
186	PT 26+50.43	77.20 LT.	5291.878	TA-MATCH EX.
187	PC 26+43.25	70.69 LT.	5291.500	TA
188	PT 26+50.33	71.20 LT.	5291.758	TA
189	PT 26+32.47	8.47 LT.	5289.458	FL
190	PC 26+26.59	5.05 RT.	5289.555	FL
200	PC 26+15.04	53.14 RT.	5288.611	FL
201	PT 26+59.46	20.52 RT.	5289.083	FL
202	PT 26+00.36	97.72 RT.	5288.641	TA-MATCH EX.
203	PT 25+96.59	97.45 RT.	5288.563	TA-MATCH EX.
204	PT 25+95.80	80.00 RT.	5288.666	TOC-RAMP
205	PT 26+00.73	80.00 RT.	5288.766	TOC-RAMP
206	PT 25+95.80	74.00 RT.	5288.546	FL-RAMP
207	PT 26+00.73	74.00 RT.	5288.646	FL-RAMP
208	PC 25+91.45	81.38 RT.	5288.451	FL-MATCH EX.
209	PC 25+92.63	74.00 RT.	5288.481	FL
210	PC 25+95.09	68.00 RT.	5288.507	FL
211	PT 26+15.06	68.00 RT.	5289.516	TOC-RAMP
212	PT 26+20.98	52.53 RT.	5288.635	FL
213	PT 26+20.98	64.00 RT.	5289.360	TOC-RAMP
214	PT 26+06.65	74.00 RT.	5289.092	TOC-RAMP
215	PC 26+00.44	60.92 RT.	5288.543	FL
216	PC 25+91.08	85.71 LT.	5290.070	FL
217	PC 25+97.44	87.88 LT.	5290.737	TOC-RAMP

*FOR POINTS 64-67, SEE SHEET 10

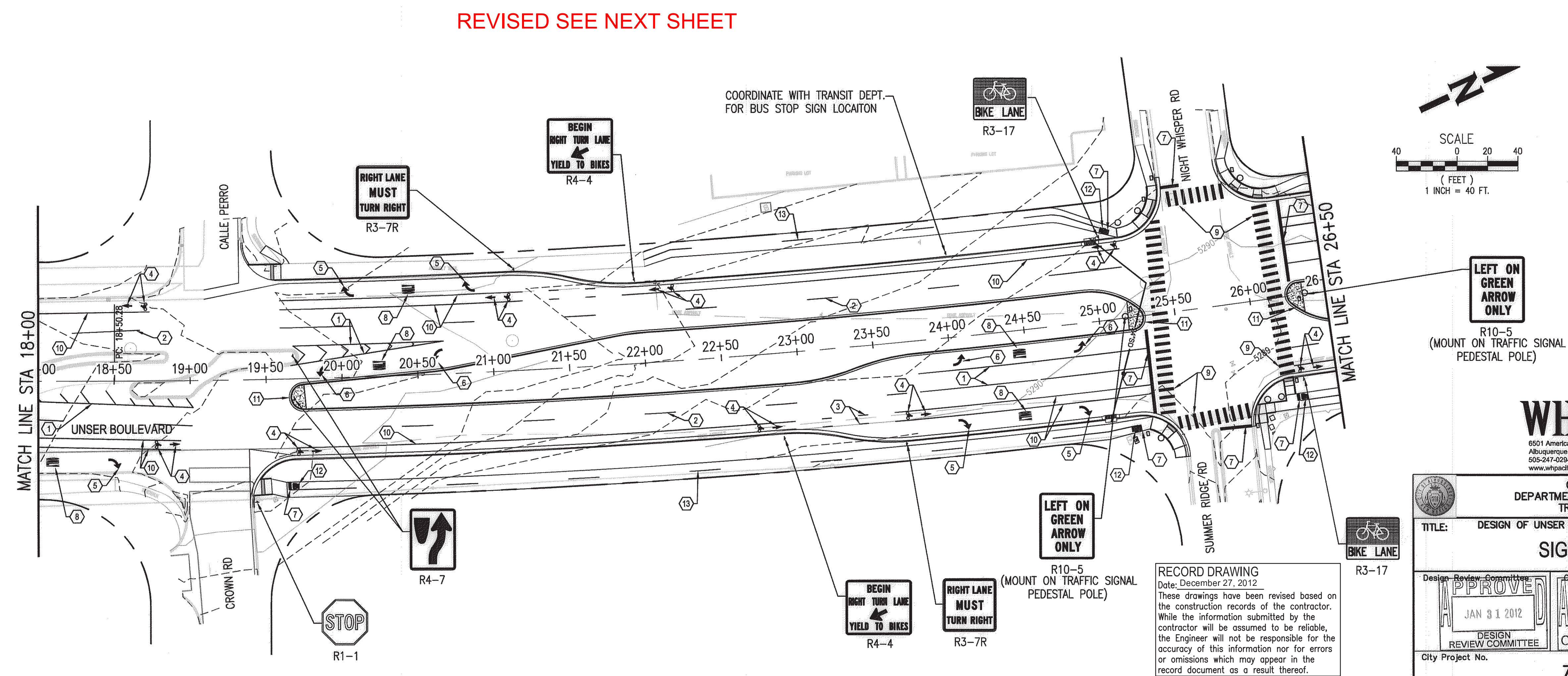
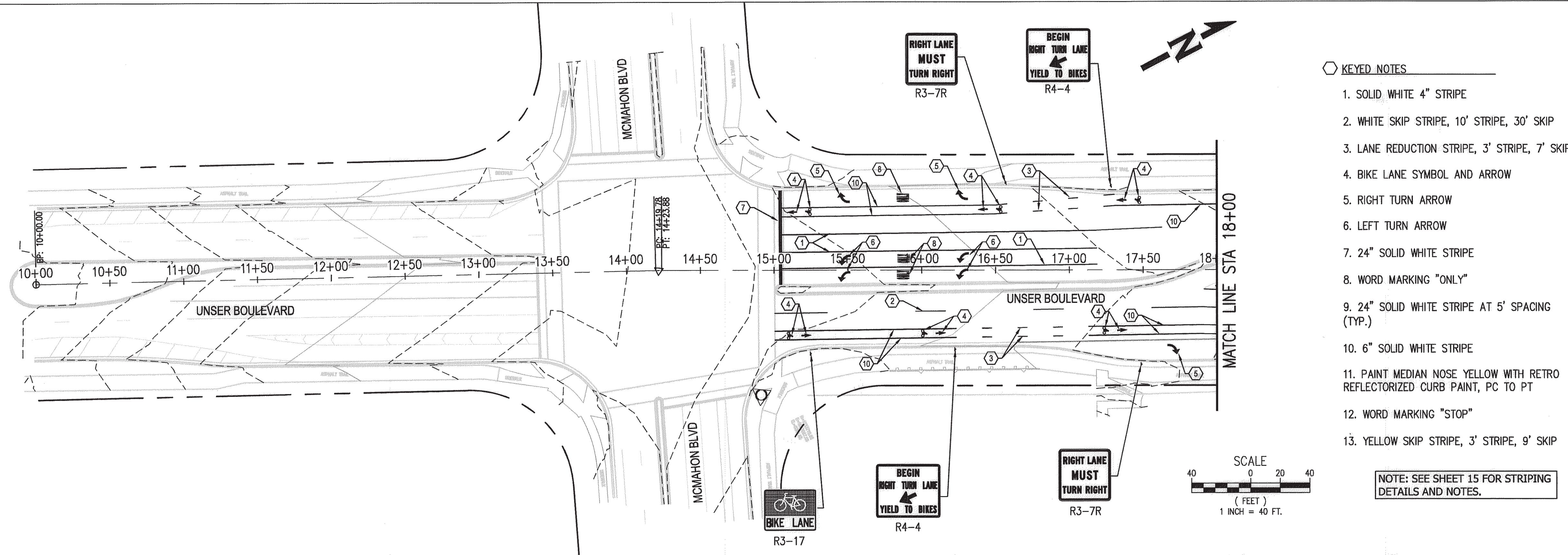
- GENERAL NOTES:
- ALL CONTROL POINTS & ELEVATIONS IN TABLE SHOWN TO FLOWLINE OF CURB, FLOWLINE OF RAMP, TOP OF CURB ON RAMP & TOP OF ASPHALT SIDEWALK UNLESS OTHERWISE NOTED.

WHPacific

6501 Americas Plaza NE, Suite 400
Albuquerque, NM 87110
505-247-0284 Fax 505-242-4845
www.whpacific.com

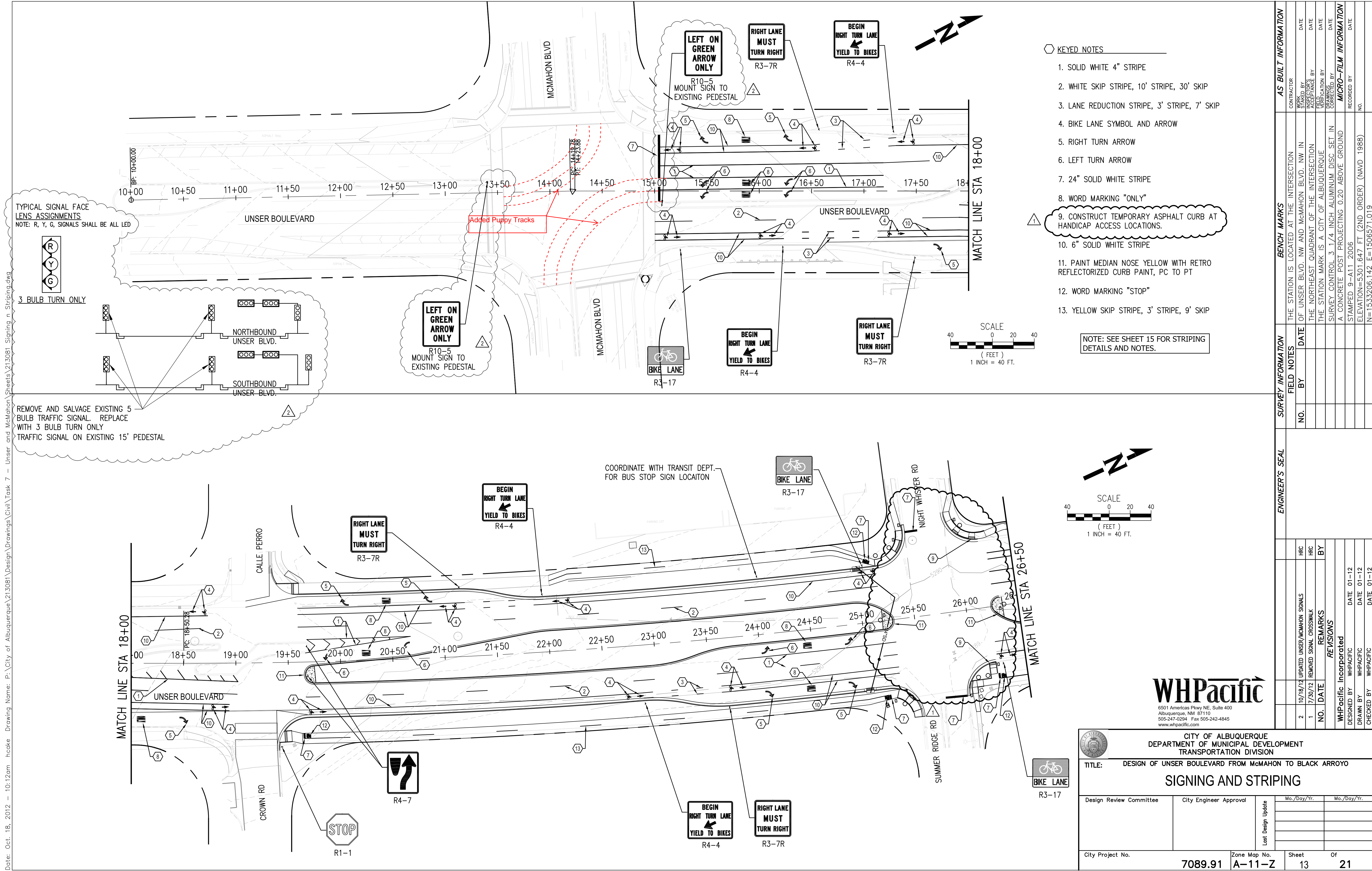
		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO			
PLAN			
INTERSECTION OF UNSER BLVD. AND NIGHT WHISPER RD.			
		Last Design Update	
City Project No.	Zone Map No.	Sheet	Of
7089.91	A-11-Z	12	21

Date: Jan. 12, 2012 - 4:58pm Powell Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081 Signing n Striping.dwg

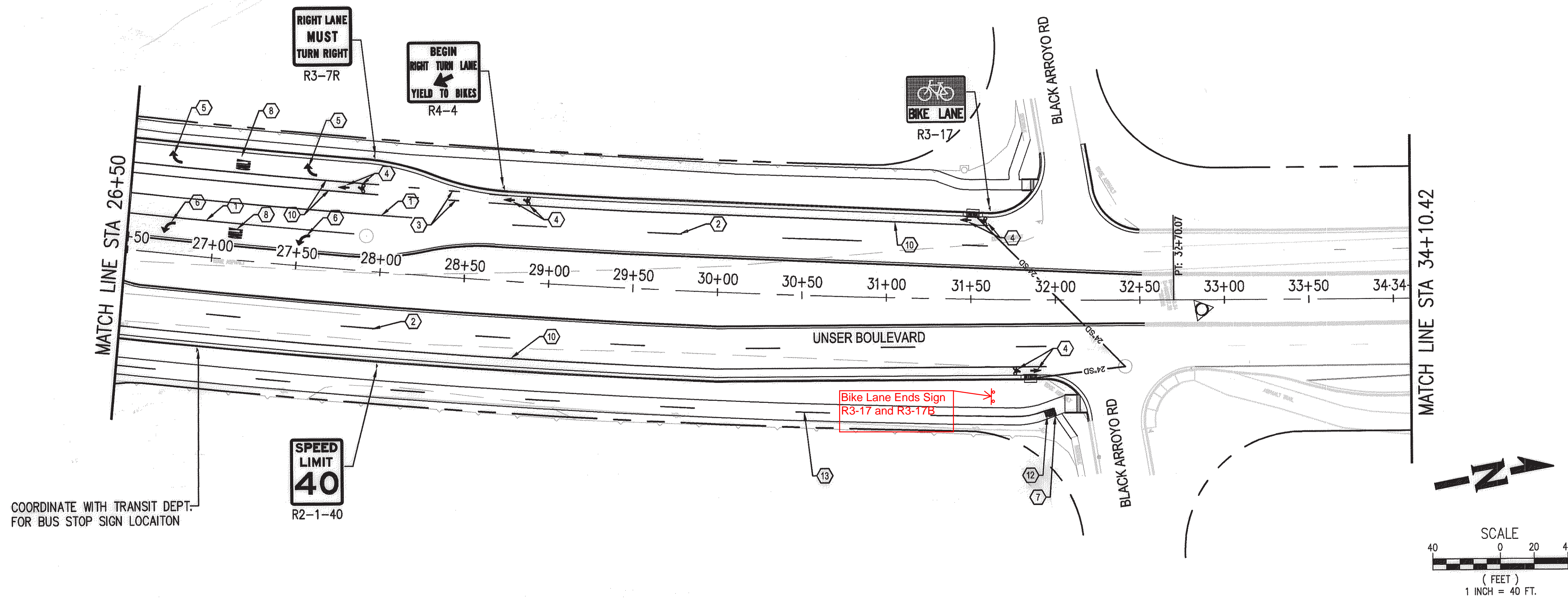


AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	THE STATION IS LOCATED AT THE INTERSECTION	NO.	BY	DATE		REMARKS
STARTED BY	DATE	OF UNSER BLVD. NW AND MCMAHON BLVD. NW IN	NO.	BY	DATE		
APPROVED BY	DATE	THE STATION MARK IS A CITY OF ALBUQUERQUE	NO.	BY	DATE		
DESIGNED BY	DATE	SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET IN	NO.	BY	DATE		
MICRO-FILM INFORMATION		RECORDED BY		STAMPED 9-A11 2006		WHPCIFIC Incorporated	
NO.		RECORDED BY		ELEVATION=5301.647 FT (2ND ORDER) (NAVD 1988)		DESIGNED BY WHPCIFIC	
NO.		RECORDED BY		N=1533206.142 E=1506571.019		DRAWN BY WHPCIFIC	
NO.		RECORDED BY				CHECKED BY WHPCIFIC	

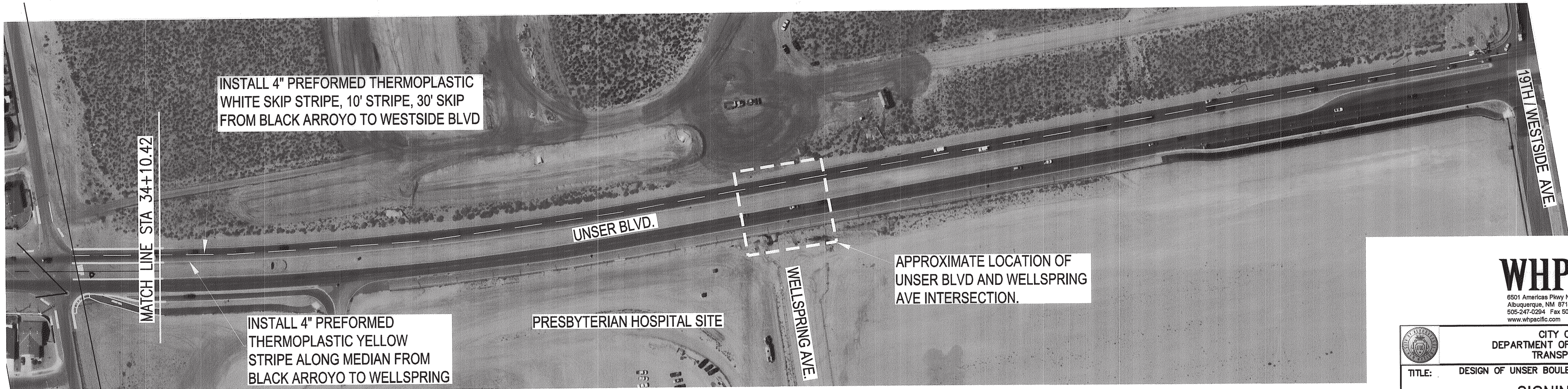
Date: Oct. 18, 2012 -- 10:12am hooke Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon Streets\213081_Signing n Stripping.dwg



Date: Dec. 20, 2011 - 6:15pm jowell Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081_Signing n Stripping.dwg



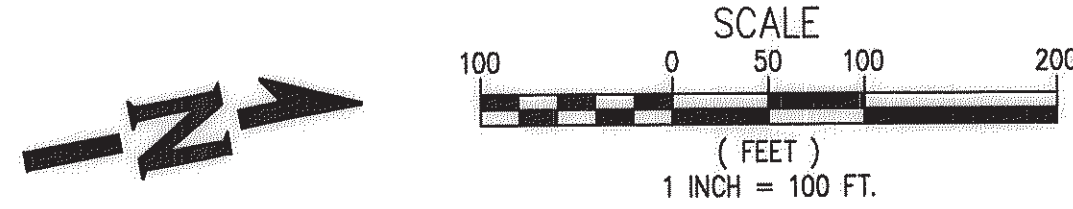
- KEYED NOTES
1. SOLID WHITE 4' STRIPE
 2. WHITE SKIP STRIPE, 10' STRIPE,, 30' SKIP
 3. LANE REDUCTION STRIPE, 3' STRIPE, 7' SKIP
 4. BIKE LANE SYMBOL & ARROW
 5. RIGHT TURN ARROW
 6. LEFT TURN ARROW
 7. 24" SOLID WHITE STRIPE
 8. WORD MARKING 'ONLY'
 9. 12" SOLID WHITE STRIPE
 10. 6" SOLID WHITE STRIPE
 11. PAINT MEDIAN NOSE YELLOW WITH RETRO REFLECTORIZED CURB PAINT, PC TO PT
 12. WORD MARKING "STOP"
 13. YELLOW SKIP STRIPE, 3' STRIPE, 9' SKIP
- NOTE: SEE SHEET 15 FOR STRIPING DETAILS AND NOTES.



SANDOVAL COUNTY
(CITY OF RIO RANCHO)
BERNALILLO COUNTY
(CITY OF ALBUQUERQUE)

[Signature] 12/29/11
CITY OF RIO RANCHO, PUBLIC WORKS DEPARTMENT

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

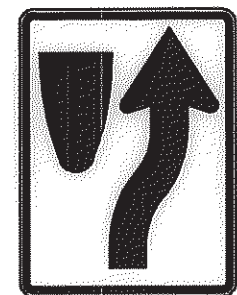


CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO	
SIGNING AND STRIPING	
Design Review Committee APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 31 2012 CITY ENGINEER
City Project No. 7089.91	Zone Map No. A-11-Z
Sheet 14	Of 21

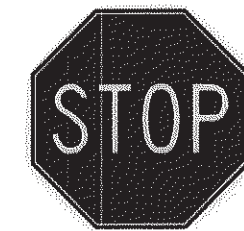
WHPacific
8501 Americas Plaza NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION					
			BY	NO.	FIELD NOTES	THE STATION IS LOCATED AT THE INTERSECTION					
						OF UNSER BLVD. NW AND McMAHON BLVD. NW IN					
						THE NORTHEAST QUADRANT OF THE INTERSECTION					
						THE STATION MARK IS A CITY OF ALBUQUERQUE					
	REVISIONS	NO.	DATE	REMARKS	SURVEY CONTROL 3 1/4 INCH ALUMINUM DISC SET IN						
					A CONCRETE POST PROJECTING 0.20 ABOVE GROUND						
					STAMPED 9-411 2006						
	WHPacific Incorporated		DESIGNED BY		AEJ		DATE		03-11		
	DRAWN BY		AEJ		DATE		03-11				
CHECKED BY		RR		DATE		03-11					
								ELEVATION=5301.647 FT. (2ND ORDER) (NAVD 1988)		NO.	
								N=1533206.142 E=1508571.019			
										MICRO-FILM INFORMATION	
										RECORDED BY	
										DATE	

Date: Jan. 12, 2012 - 4:28pm jpowell Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081 Striping n Striping.dwg



R4-7



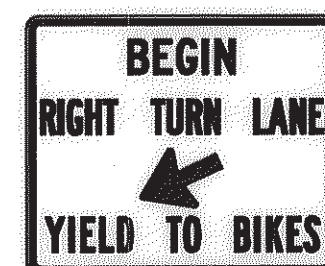
R1-1



R3-7R



R3-17



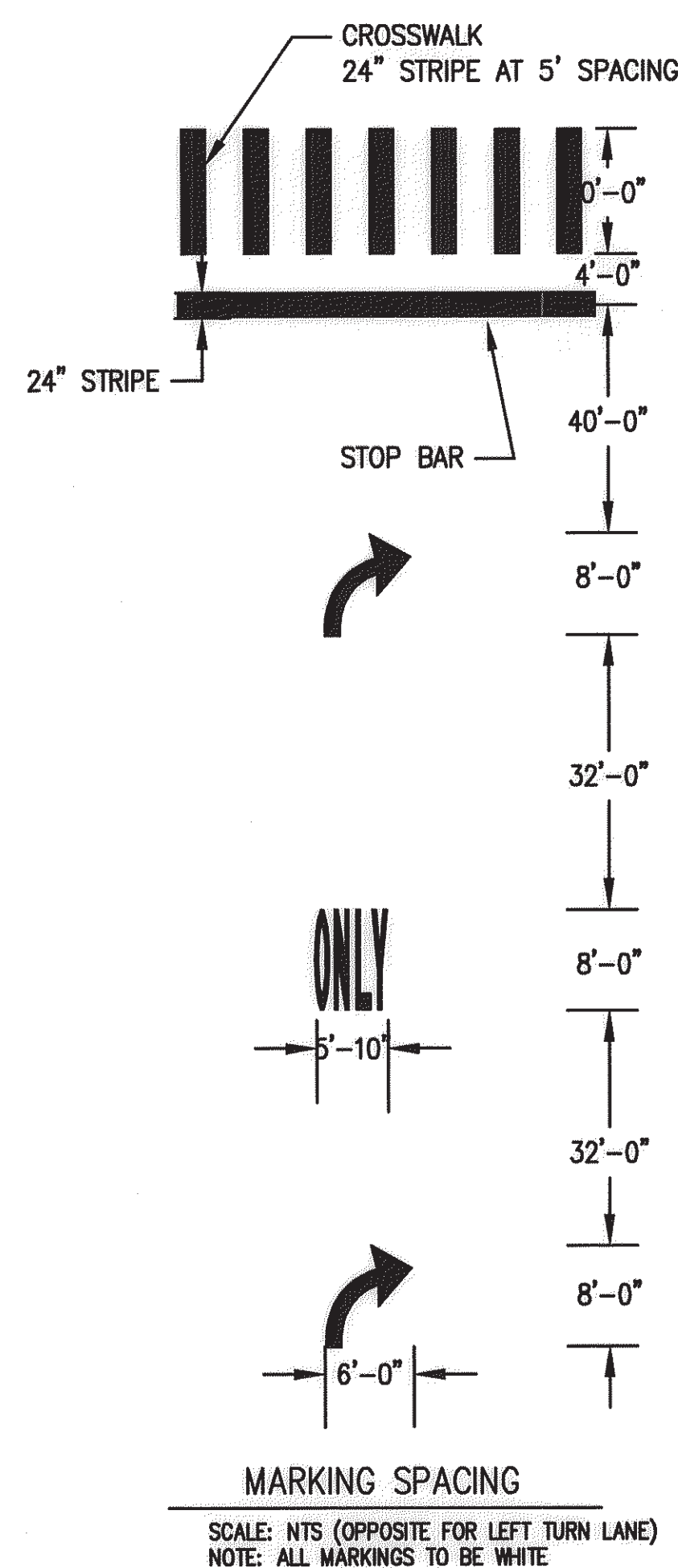
R4-4



R2-1-40

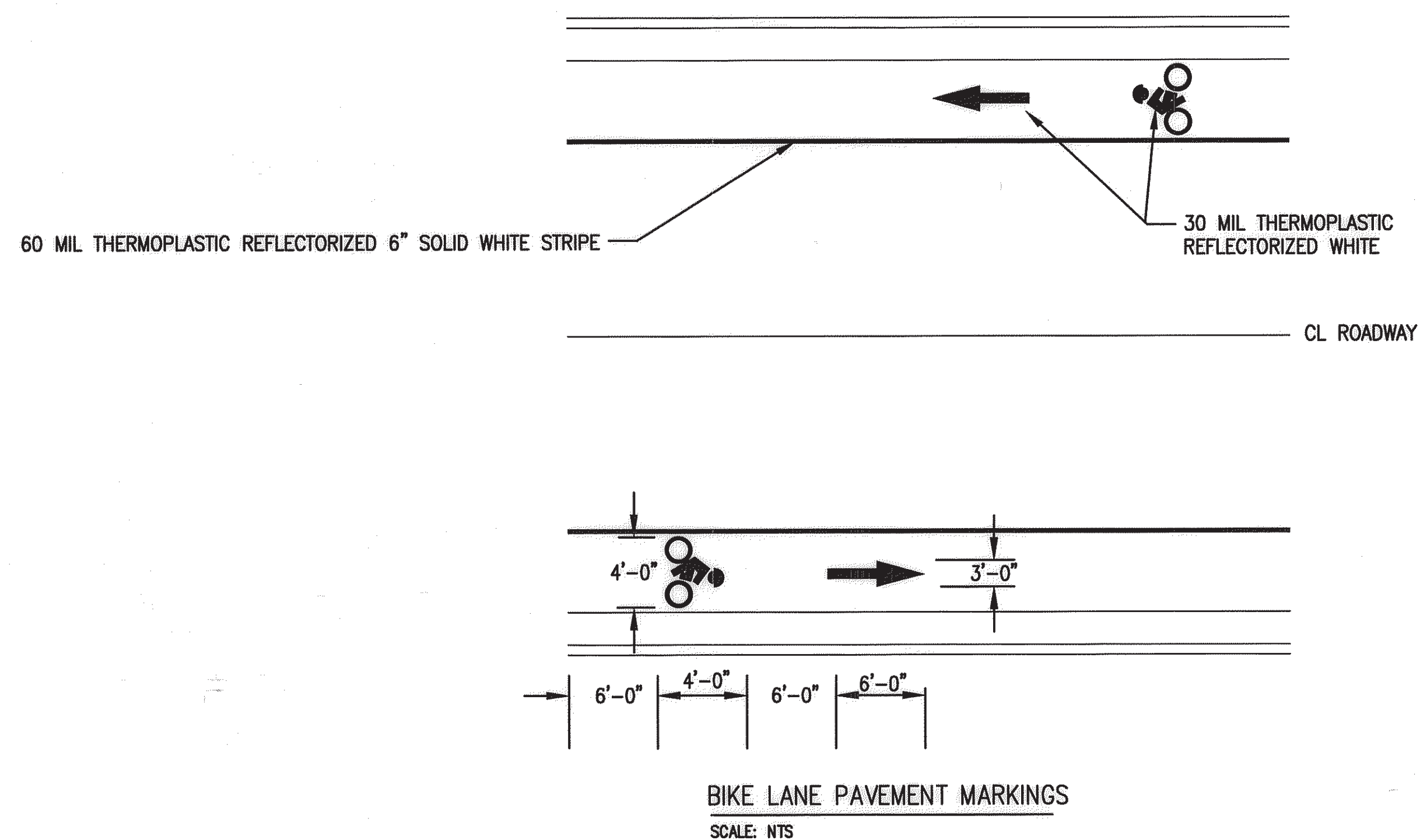
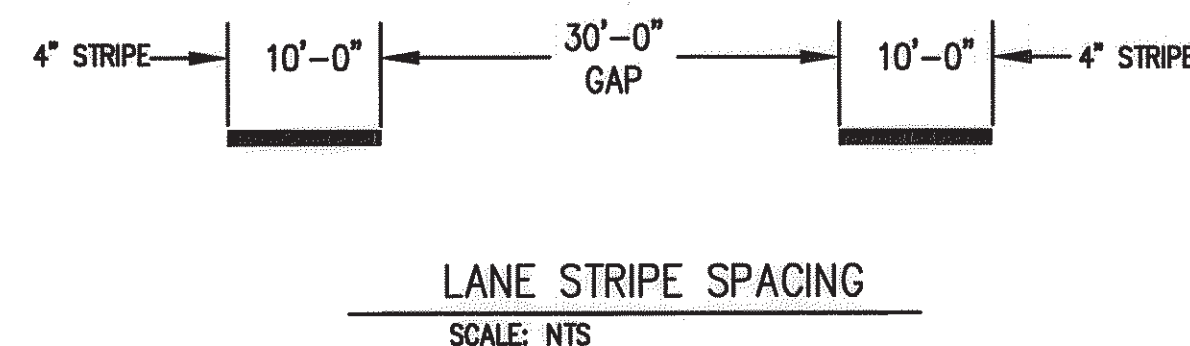


R10-5



GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT EDITION OF THE M.U.T.C.D. WITH REVISIONS, SECTIONS 440 THROUGH 450 OF THE STANDARD SPECIFICATIONS, AND ANY APPLICABLE SUPPLEMENTAL TECHNICAL SPECIFICATIONS.
2. ALL SIGNS, UNLESS OTHERWISE SPECIFIED, SHALL HAVE REFLECTIVITY TYPE III SHEETING FOR THE LEGEND AND BORDER AND BACKGROUND. ONLY ALUMINUM PANEL SIGNS ARE PERMITTED.
3. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL SIGNS AND PAVEMENT MARKINGS AND CONTACT COA TRAFFIC ENGINEERING PRIOR TO FINAL PLACEMENT.
4. EACH SIGN SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL, LATEST EDITION, FOR PROPER ARRANGEMENT, SPACING OF LETTER HEIGHT, LETTER SERIES, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.
5. ALL PAVEMENT MARKINGS SHALL BE PREFORMED THERMO PLASTIC, UNLESS OTHERWISE SPECIFIED HEREIN.

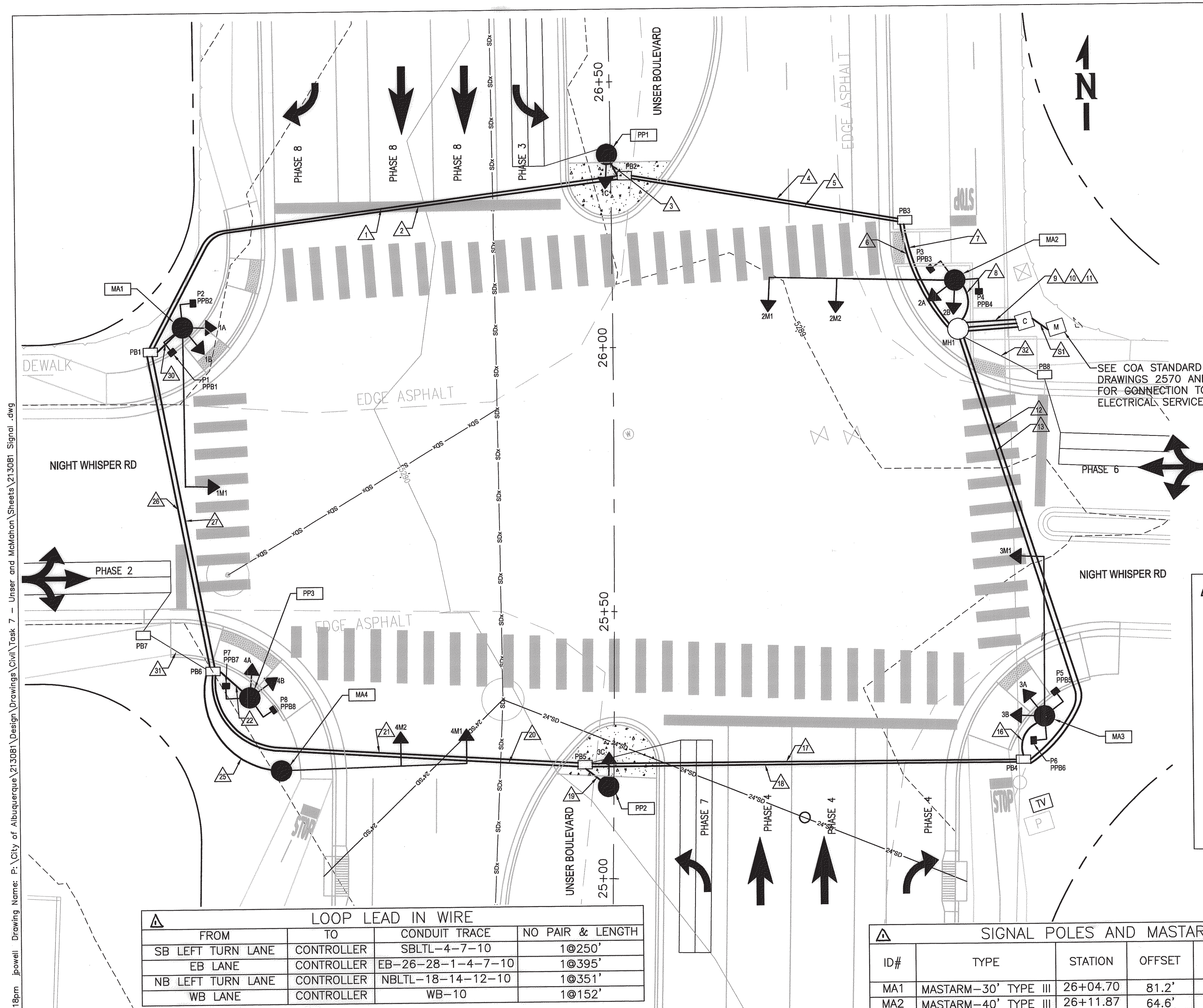


RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for errors or omissions which may appear in the record document as a result thereof.

WHPacific
6501 Americas Plaza NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO SIGNING AND STRIPING DETAILS	
Design Review Committee APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 31 2012 CITY ENGINEER
City Project No. 7089.91	Zone Map No. A-11-Z
Sheet 15	Of 21

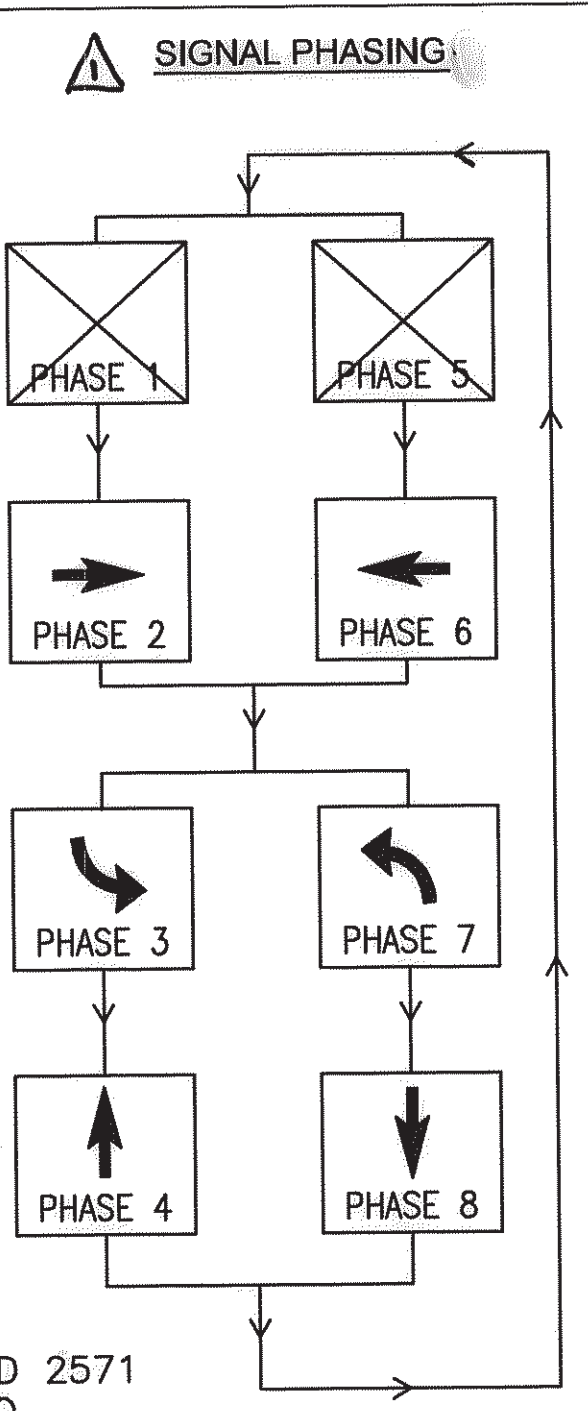
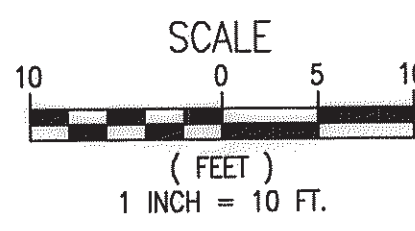
Date: Jan. 18, 2012 - 5:18pm .jowell Drawing Name: P:\City of Albuquerque\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081 Signal.dwg



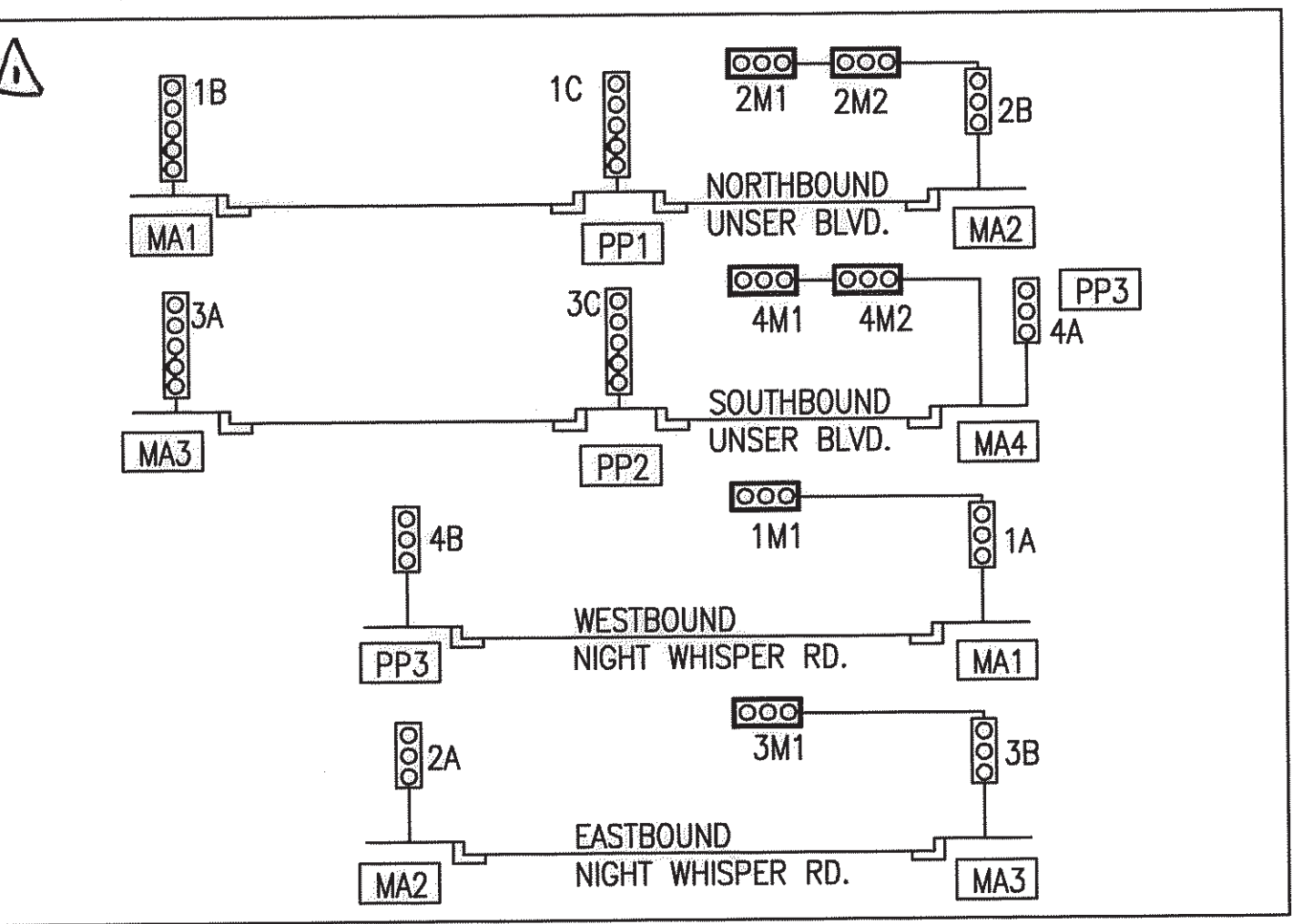
LOOP LEAD IN WIRE			
FROM	TO	CONDUIT TRACE	NO PAIR & LENGTH
SB LEFT TURN LANE	CONTROLLER	SBLTL-4-7-10	1@250'
EB LANE	CONTROLLER	EB-26-28-1-4-7-10	1@395'
NB LEFT TURN LANE	CONTROLLER	NBLTL-18-14-12-10	1@351'
WB LANE	CONTROLLER	WB-10	1@152'

1 SIGNAL CONSTRUCTION NOT PART OF THIS BID PACKAGE. INSTALL 3" CONDUIT AND PULL BOXES ONLY.

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.



- ABBREVIATIONS**
- MA1 MASTARM NUMBER
 - PP1 PEDESTAL POLE NUMBER
 - PPB1 PEDESTAL PUSH BUTTON NUMBER
 - CC1 CONTROL CABINET NUMBER
 - SC1 SPLICE CABINET NUMBER
 - PB1 PULL BOX NUMBER (SIGNALS)
 - PBS1 PULL BOX NUMBER (POWER)
 - 3A SIGNAL HEAD NUMBER
 - P1 PEDESTRIAN SIGNAL NUMBER
 - MH1 TRAFFIC MANHOLE NUMBER.



GENERAL KEYNOTES:

- CONDUIT INSTALLATION SHALL BE PAID FOR UNDER ITEMS 424.XXX AND 424.XXX

TYPICAL SIGNAL FACE LENS ASSIGNMENTS
NOTE: R, Y, G, SIGNALS SHALL BE ALL LED

LED FULL COUNTDOWN PEDESTRIAN SIGNALS
P1, P2, P3, P4, P5, P6, P7, P8

PEDESTRIAN PUSH BUTTON DESIGNATION SIGNS
PPB1, PPB3, PPB5, PPB7 COA 12-1R
PPB2, PPB4, PPB6, PPB8 COA 12-1L

PULL BOX INFORMATION
LARGE PULL BOXES: PB1, PB2, PB3, PB4, PB5, PB6, PB7, PB8

- SYMBOL KEY**
- MAX SIGNAL & CABINET ID
 - X CONDUIT RUN ID (SIGNALS)
 - Sx CONDUIT RUN ID (POWER SERVICE)
 - Fx CONDUIT RUN ID (INTERCONNECT)
 - C CONTROL CABINET
 - M METER CABINET

SIGNAL POLES AND MASTARMS					
ID#	TYPE	STATION	OFFSET	LUMINAIRE MOUNTING HEIGHT	LUMINAIRE ARM
MA1	MASTARM-30' TYPE III	26+04.70	81.2'		
MA2	MASTARM-40' TYPE III	26+11.87	64.6'		
MA3	MASTARM-30' TYPE III	25+30.85	81.2'		
MA4	MASTARM-40' TYPE III	25+17.00	74.2'		
PP1	PEDESTAL-15'	26+09.83	0.9'		
PP2	PEDESTAL-15'	26+27.60	0.8'		
PP3	PEDESTAL-15'	25+33.13	80.0'		
CC1	CONTROLLER	26+04.00	77.3'		

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION

TITLE: DESIGN OF UNSER BOULEVARD FROM MCMAHON TO BLACK ARROYO

SIGNAL PLAN

DESIGNED BY: WHPACIFIC
CHECKED BY: WHPACIFIC
DATE: 01-12
DATE: 01-12
DATE: 01-12

Zone Map No. 7089.91 A-11-Z
Sheet 16 of 21

Date: Jan. 12, 2012 - 4:28pm jpowell Drawing Name: P:\City of Albuquerque\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081 Signal.dwg

CONDUIT LENGTH, SIZE AND TYPE				⚠ CONDUIT FILL BY CONDUCTOR LENGTH AND TYPE					
ID RUN #	LENGTH 3" CONDUIT	TYPE	REMARKS	MCC5 (# @ FT)	#6 AWG (ONE GREEN, ONE WHITE BOND & NEUTRAL) (# @ FT)	MCC20 (# @ FT)	SCC8 (# @ FT)	PS (# @ FT)	COMMUNICATION CABLE 95 PAIR
S1	18		C TO M						
1	102	REC	PB1 TO PB2	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
2	101	REC	PB1 TO PB2	1@105	2@105	2@105	2@105		
3	5	REC	PB2 TO PP1						
4	51	REC	PB2 TO PB3	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
5	51	REC	PB2 TO PB3	1@56	2@56	2@56	2@56		
6	22	REC	PB3 TO MH1	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
7	21	REC	PB3 TO MH1	1@26	2@26	2@26	2@26		
8	7	REC	MH1 TO MA2	1@12	2@12	1@12			
9	9	REC	MH1 TO CC1	2@14		2@14	1@14		
10	9	REC	MH1 TO CC1	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
11	9	REC	MH1 TO CC1	2@14		2@14	1@14		
12	86	REC	MH1 TO PB4	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
13	87	REC	MH1 TO PB4	1@92	2@92	2@92	2@92		
16	7	REC	PB4 TO MA3	1@16	2@16	1@16			
17	80	REC	PB4 TO PB5	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
18	80	REC	PB4 TO PB5	1@85	2@85	2@85	2@85		
19	5	REC	PB5 TO PP2		2@12	1@12			
20	78	REC	PB5 TO PB6	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					1@83
21	78	REC	PB5 TO PB6	1@83	2@83	2@83	2@83		
22	7	REC	PB6 TO PP3	1@8	2@8	1@8			
25	26	REC	MA4 TO PB6	1@31	2@31	1@31			
26	60	REC	PB6 TO PB1	SEE LOOP LEAD IN WIRE CHART ON SHEET 16					
27	60	REC	PB6 TO PB1	1@65	2@65	2@65	2@65		
30	7	REC	PB1 TO MA1	1@12	2@12	1@12			
31	20	REC	PB6 TO PB7						
32	20	REC	MH1 TO PB 8						



CONDUIT FILL NOT PART OF THIS BID PACKAGE. INSTALL 3" CONDUIT AND PULL BOXES ONLY.

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

WHPacific

6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO			
CABLE AND CONDUITS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	APPROVED JAN 31 2012 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7089.91	A-11-Z	17	21

Date: Jan. 12, 2012 -- 4:29pm jowell Drawing Name: P:\City of Albuquerque\Design\Drawings\Civil\Task 7 -- Unser and McMahon\Sheets\213081 Signal .dwg

CONDUIT LENGTH, SIZE AND TYPE				CONDUIT FILL BY CONDUCTOR LENGTH AND TYPE					
ID RUN #	LENGTH 3" CONDUIT	TYPE	REMARKS	MCC5 (# @ FT)	MCC7 (# @ FT)	MCC20 (# @ FT)	SCC8 (# @ FT)	PS (# @ FT)	COMMUNICATION CABLE 95 PAIR
MA1			BASE TO 1A	1@15					
MA1			BASE TO 1B	1@15					
MA1			BASE TO 1M1	1@55					
MA1			BASE TO P1, P2	2@15					
MA1			BASE TO PPB1, PPB2	2@5					
MA2			BASE TO 2A	1@15					
MA2			BASE TO 2B		1@15				
MA2			BASE TO 2M1	1@65					
MA2			BASE TO 2M2	1@55					
MA2			BASE TO P3, P4	2@15					
MA2			BASE TO PPB3, PPB4	2@5					
MA3			BASE TO 3A	1@15					
MA3			BASE TO 3B	1@15					
MA3			BASE TO 3M1	1@55					
MA3			BASE TO P5, P6	2@15					
MA3			BASE TO PPB5, PPB6	2@5					
MA4			BASE TO 4M1	1@65					
MA4			BASE TO 4M2	1@55					
PP1			BASE TO 1C	1@15					
PP2			BASE TO 3C	1@15					
PP3			BASE TO 4A	1@15					
			BASE TO 4B		1@15				
			BASE TO P7, P8	2@15					
			BASE TO PPB7, PPB8	2@5					
TOTAL	1090			1720	120	1164	582	85	




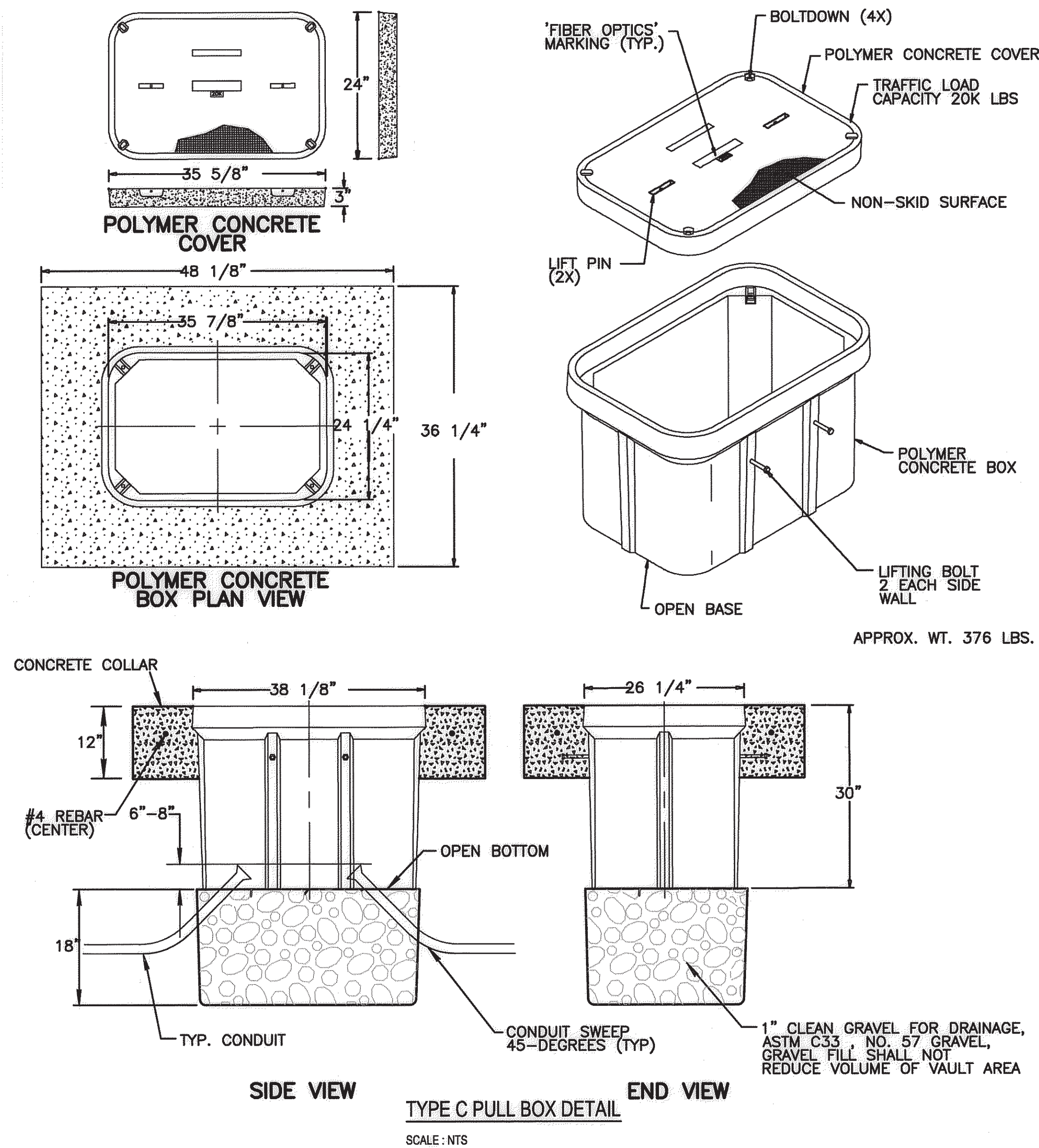
CONDUIT FILL NOT PART OF THIS BID PACKAGE. INSTALL 3" CONDUIT AND PULL BOXES ONLY.

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

WHPacific

6501 Americas Plaza NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

			
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION			
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO			
CABLE AND CONDUITS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	APPROVED JAN 31 2012 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
7089.91	A-11-Z	18	21



POLYMER MORTAR VAULT AND COVER NOTES

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

CONCRETE COLLAR NOTES:

1. ELEVATION OF TOP OF VAULT SHALL BE EQUAL WITH TOP OF CURB, OR PAVEMENT EDGE IN LOCATIONS WITHOUT CURB
2. THE CONCRETE IN THE COLLAR SHALL BE PER SEC 101, EXTERIOR CONCRETE, $f_c=3500$ PSI AT 28 DAYS
3. THE CONCRETE COLLAR SHALL BE CONSIDERED INCIDENTAL TO THE PULL BOX BID ITEM

GENERAL ITS NOTES

1. 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 STANDARD SPECIFICATIONS.
2. THIS PROJECT CONSISTS OF INSTALLING CITY OF ALBUQUERQUE FIBER OPTIC COMMUNICATION CABLE. ANY QUESTIONS OR CONCERNS SHOULD BE DIRECTED TO THE FOLLOWING INDIVIDUALS: MATTHEW YANNOV - TRAFFIC DIVISION CITY OF ALBUQUERQUE 505-657-8004 OR PAUL BARRICKLOW - DESIGN ENGINEER LEE ENGINEERING 505-338-0988
3. ALL DIMENSIONS ON PLANS ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ALL OTHER PERTINENT INFORMATION THAT MAY BE REQUIRED TO COMPLETE THE WORK.
4. LOCATION OF CONDUITS, FOUNDATIONS, PULL BOXES, MANHOLES AND SPLICE VAULTS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE VERIFIED.
5. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
6. FIBER CABLE SHALL BE COILED IN THE PULL BOXES (10 FT.) AT SPLICE VAULTS AND MANHOLE SPLICE LOCATIONS. THE FIBER CABLE SHALL BE COILED 50 FT FROM EACH CABLE ENTRY INTO THE VAULT, REGARDLESS OF WHETHER THERE IS A PROPOSED SPLICE CLOSURE AT THE LOCATION.
7. SPLICING OF COMMUNICATIONS CABLE WILL NOT BE PERMITTED IN PULL BOXES, SPLICING OF COMMUNICATION CABLE WILL BE PERMITTED ONLY AT SPLICE CABINET OR CONTROL CABINETS WITH SPLICE BLOCKS OR SPLICE CLOSURES.
8. THE SMFO CABLE SHALL BE BIDIRECTIONAL TESTED AFTER INSTALLATION TO VERIFY THE INTEGRITY OF THE FIBER OPTIC CABLE AND ITS PERFORMANCE ON ALL 96 FIBERS. THE SMFO CABLE USING ATTENUATION TEST SETS IN ACCORDANCE WITH EIA-FOTP-61 AND 171 TEST PROCEDURES. THE CONTRACTOR SHALL ALSO PROVIDE DIGITAL COPIES (PDF AND OTR TRACE FILES) OF OTR TRACE RESULTS AND A TABLE OF THE INSERTION TEST RESULTS TO THE OWNER (CITY OF ALBUQUERQUE). SPLICE TESTING RESULTS SHALL BE -0.1 dB OR GREATER FOR NEW CABLE SPLICES AND -0.3 dB OR GREATER FOR NEW TO OLD CABLE SPLICES. TESTING RESULTS FOR CONNECTORS SHALL -0.5 dB OR GREATER. SPLICES NOT MEETING THESE REQUIREMENTS SHALL BE REMADE. IF ANY FIBERS ARE OUT OF SPECIFICATION, THE ENTIRE SMFO CABLE RUN SHALL BE REPLACED AT NO COST TO THE OWNER.
9. THE CONTRACTOR SHALL HAVE TRAINED/CERTIFIED PERSONNEL ON SITE AT ALL TIMES DURING FIBER OPTIC CABLE INSTALLATION, SPLICING, AND TERMINATION. TRAINED PERSONNEL SHALL HAVE COMPLETED THE "FIBER 1-2-3" OR EQUIVALENT TRAINING COURSE.

LEGEND

- [] NEW SPLICE CABINET
- [] NEW TRAFFIC SIGNAL CABINET
- [] NEW SPLICE VAULT
- [] NEW PULLBOX
- [] NEW CONDUIT
- [] EXISTING SPLICE CABINET
- [] EXISTING TRAFFIC SIGNAL CABINET
- [] EXISTING SPLICE VAULT
- [] EXISTING PULLBOX
- [] EXISTING CONDUIT

INDEX OF COMMUNICATION EQUIPMENT							
SHEET	CORRIDOR	LOCATION	SPLICE VAULT	SPLICE CLOSURE	FIBER SPLICE	FIELD SWITCH	TERMINAL SERVER
			EXISTING	EXISTING	FS-1	EXISTING	EXISTING
P-1	UNSER BLVD NW	MCMAHON BLVD NW			FS-1		
P-1	UNSER BLVD NW	NIGHT WHISPER RD NW SUMMER RIDGE RD NW	1	1	FS-1	1	1
P-1	UNSER BLVD NW	BLACK ARROYO NW	1	1	FS-1		
TOTALS			2	2		1	1

SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	UNITS	QUANTITY
424.011	ELECTRICAL CONDUIT, 3" INCL. TRENCHING, BACKFILL, PUSHING, BORING & JACKING	LF	2340
425.004	TYPE C SIGNAL PULL BOX	EA	3
425.600	SPLICE VAULT	EA	2
435.006	FIBER OPTIC CABLE 6 SMFO AND TRACER WIRE	LF	70
435.096	FIBER OPTIC CABLE 96 SMFO AND TRACER WIRE	LF	2340
435.600	SPLICE CLOSURE	EA	2
435.610	EXISTING SPLICE CLOSURE, RESPLICE	EA	1
435.702	MANAGED FIELD ETHERNET SWITCH (FS)	EA	1

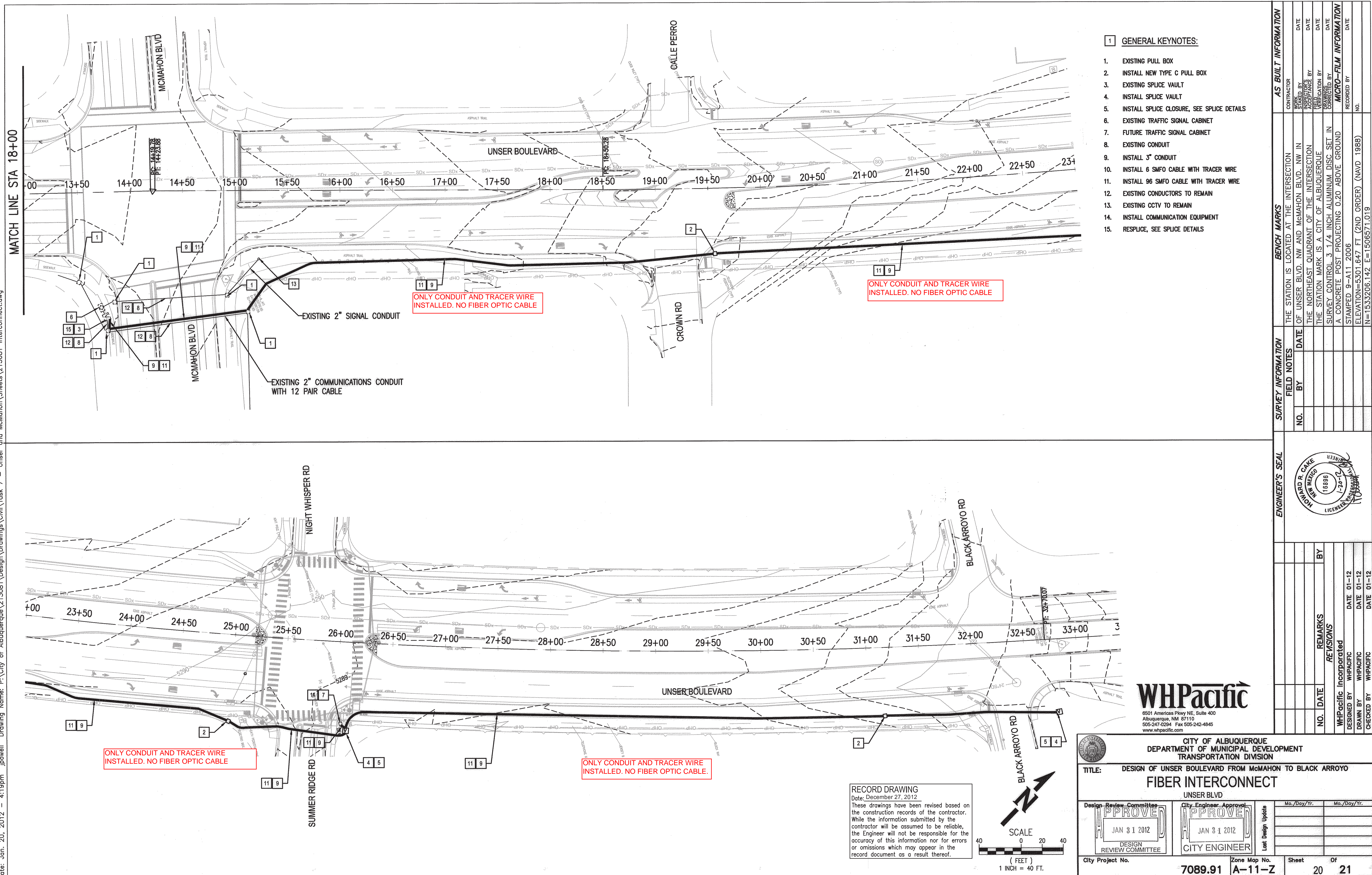
RECORD DRAWING

Date: December 27, 2012

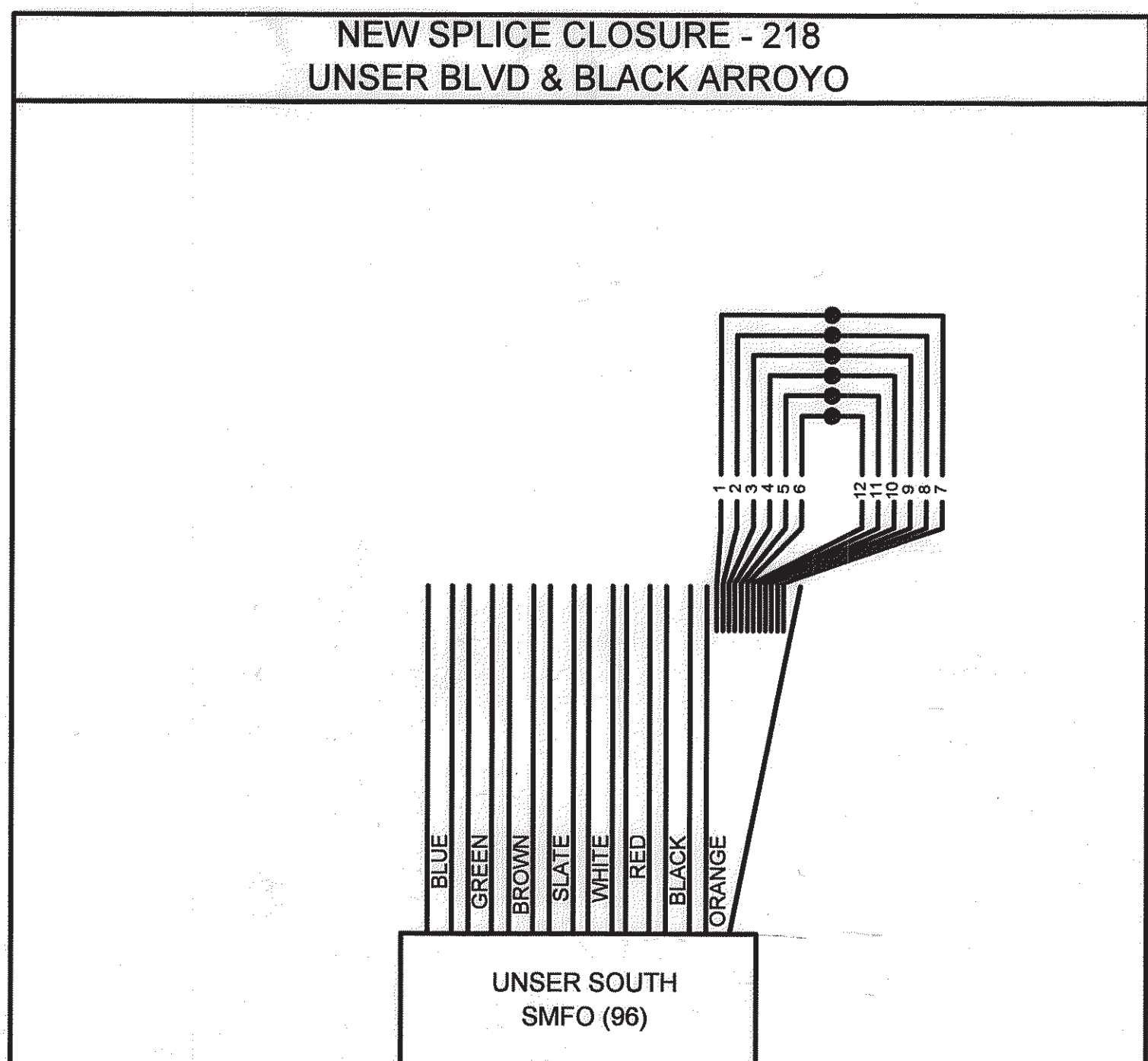
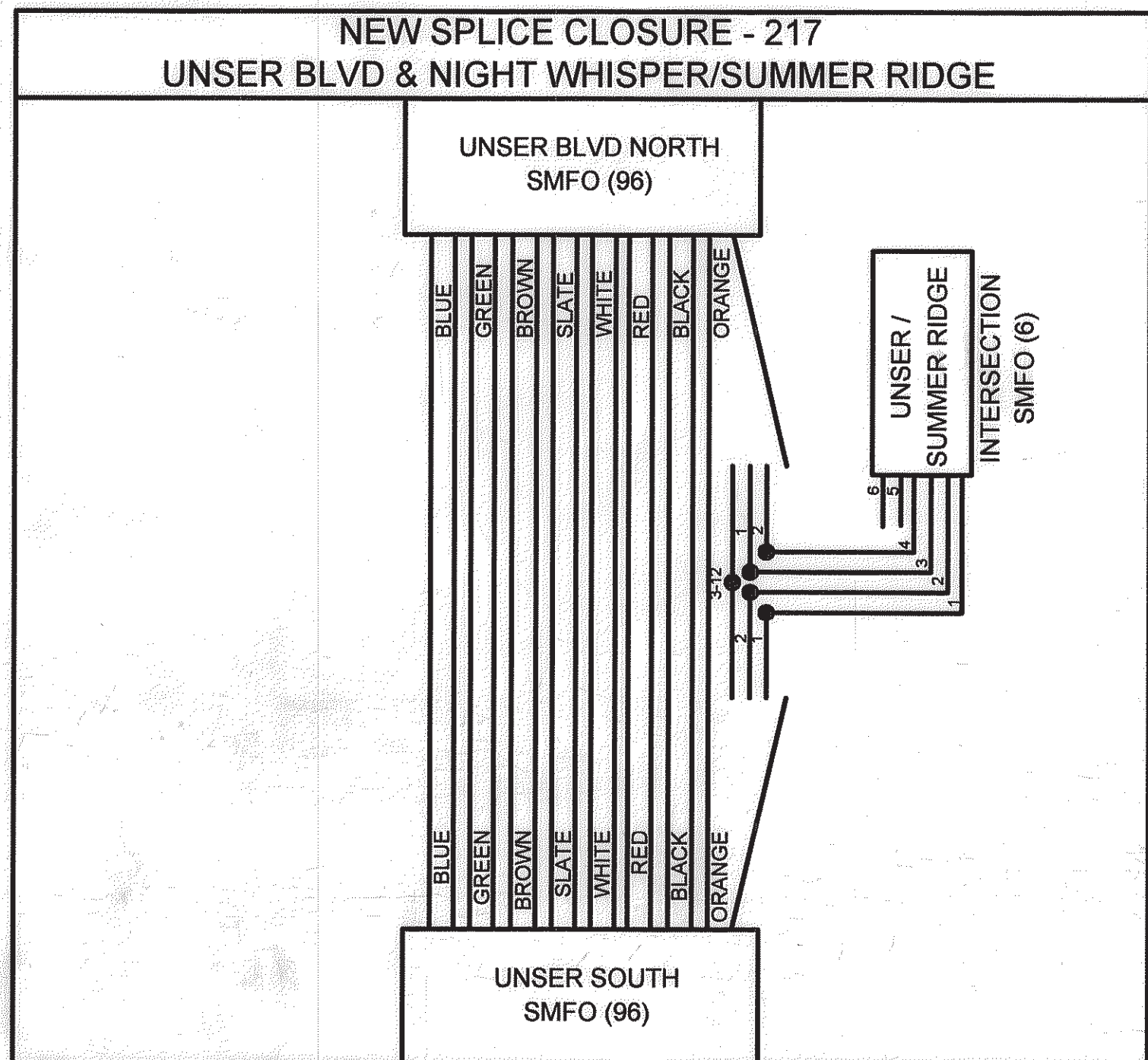
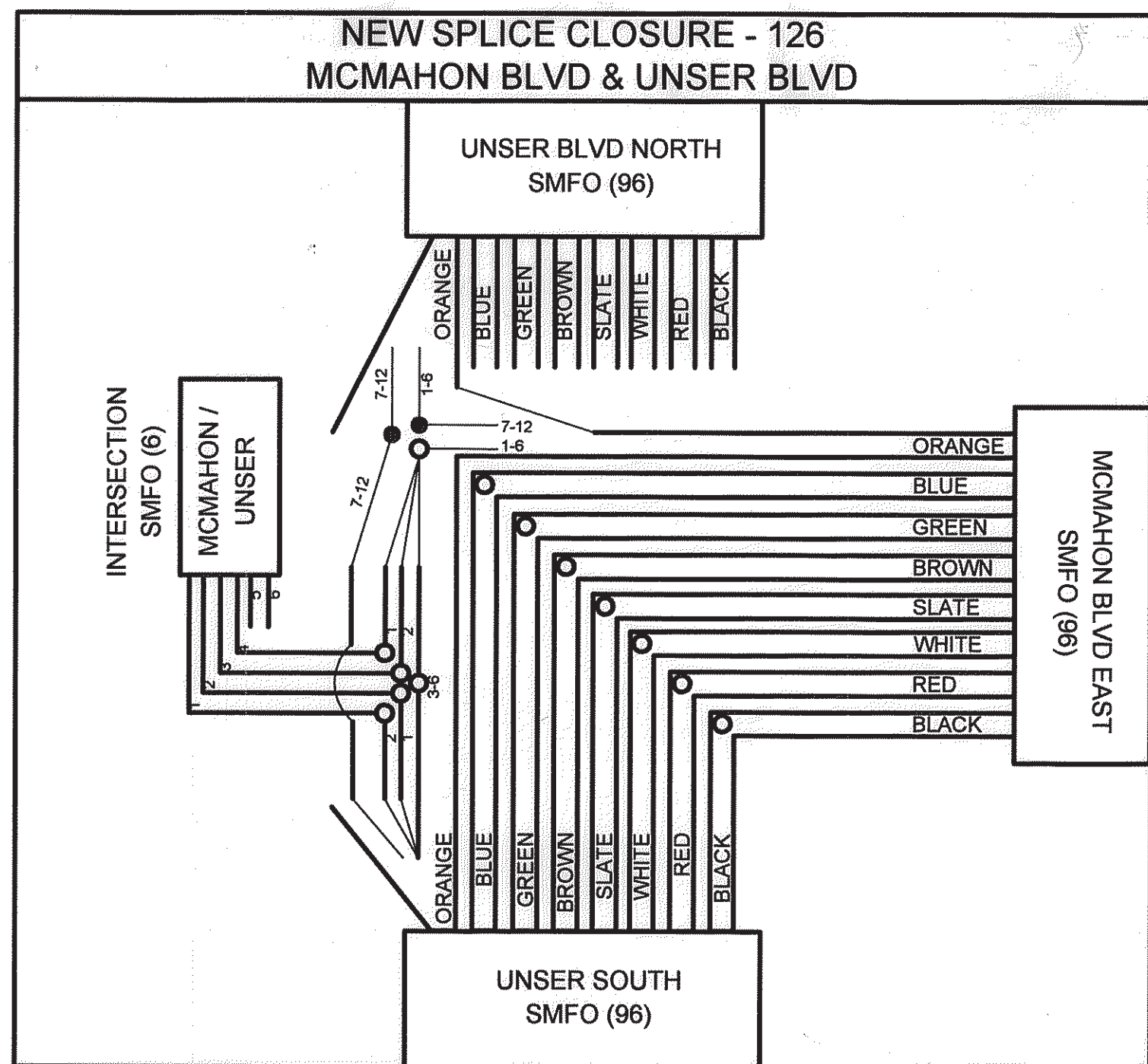
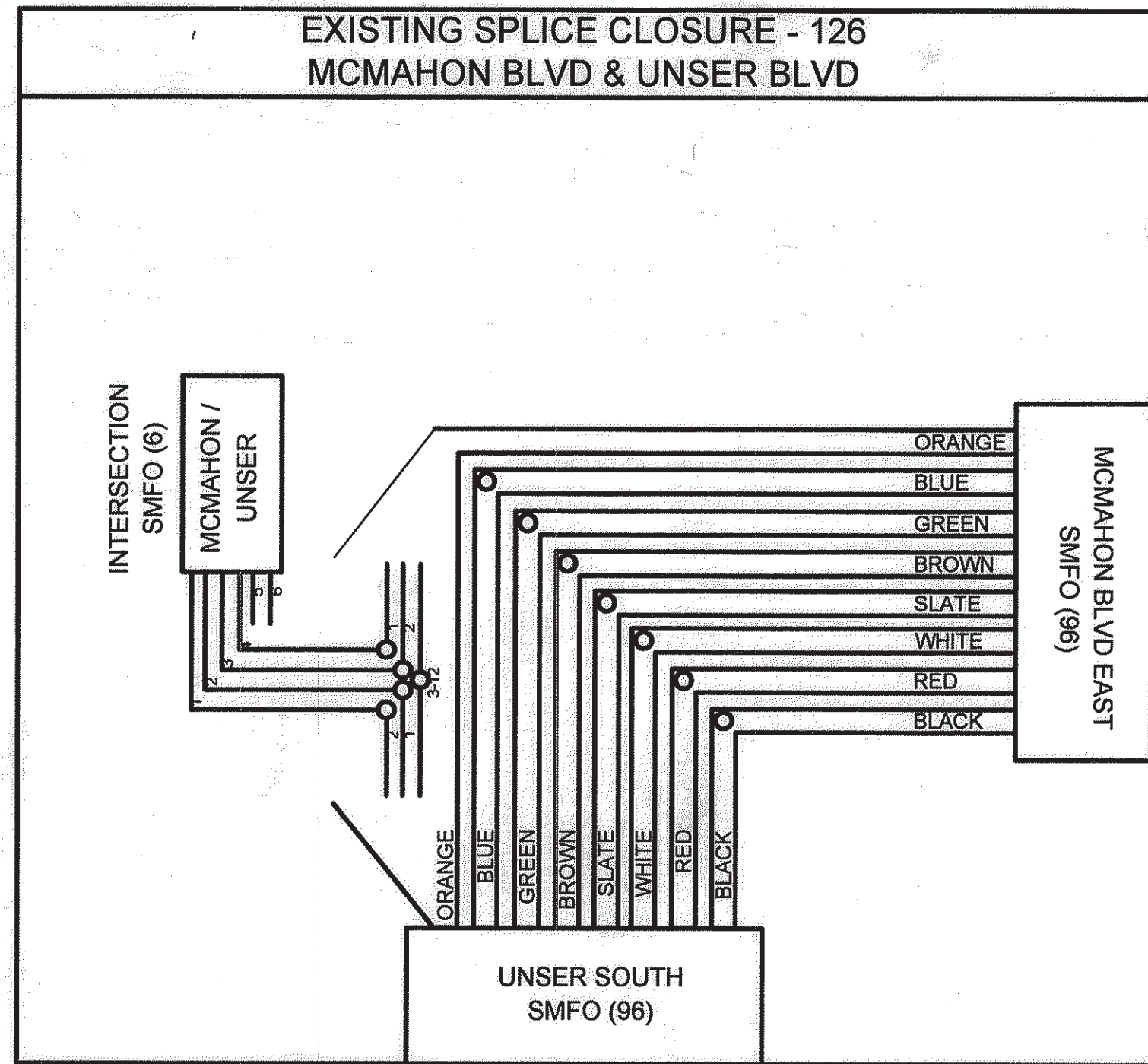
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM McMAHON TO BLACK ARROYO			
ITS NOTES & LEGEND, PULL BOX DETAIL, INDEX OF COMMUNICATION EQUIPMENT AND QUANTITIES			
Design Review Committee JAN 31 2012	City Engineer Approval JAN 31 2012	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7089.91	Zone Map No. A-11-Z	Sheet 19	Of 21

Date: Jan. 20, 2012 — 4:19pm jpowell Drawing Name: P:\City of Albuquerque\213081\Drawings\Civil\Task 7 — Unser and McMahon\Sheets\213081 Interconnect.dwg



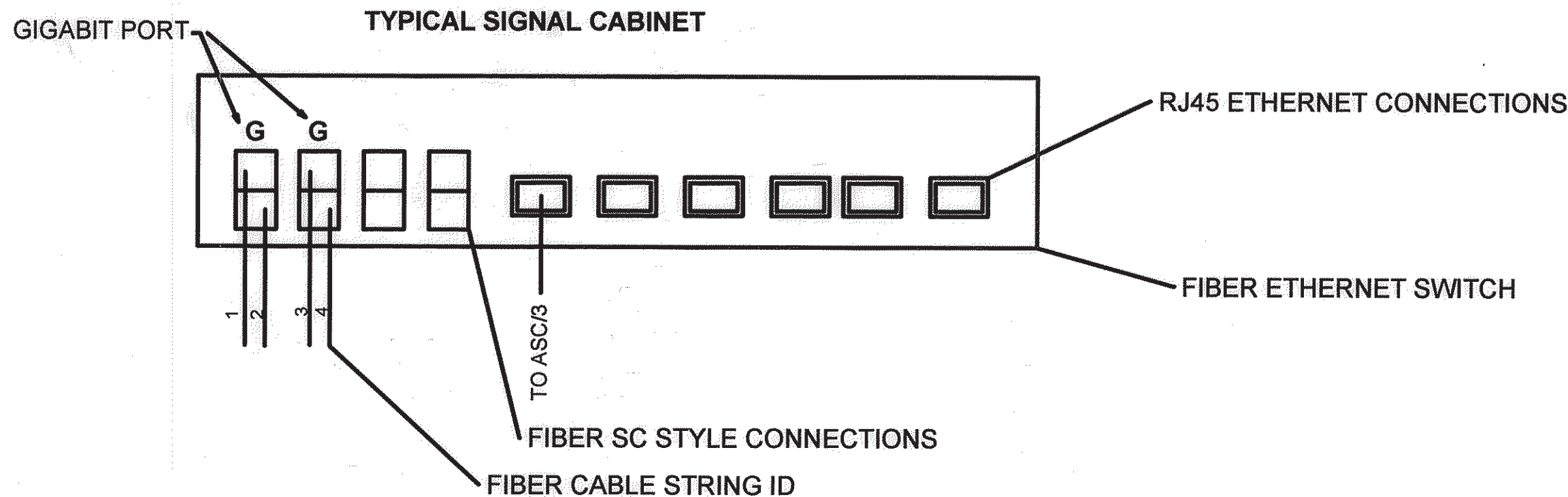
Date: Jan. 12, 2012 4:30pm jpoewell Drawing Name: P:\City of Albuquerque\213081\Design\Drawings\Civil\Task 7 - Unser and McMahon\Sheets\213081 Interconnect.dwg



LEGEND:

- EXISTING FUSION SPLICE
- NEW FUSION SPLICE

BUFFER TUBE ASSIGNMENTS
BLUE - BACKBONE (NON LOCAL)
ORANGE - LOCAL
GREEN - LOCAL
BROWN -
SLATE -
WHITE -
RED - NMDOT
BLACK - Bernalillo County



FIBER ASSIGNMENT TABLE	
BUFFER TUBE/FIBER	LINK FIELD NODE 8 NODE 8 TO MCMAHON / UNSER
ORANGE / 1-6	RETURN LOCAL COMM. (1)
ORANGE / 7-8	EXISTING LOCAL COMM. (1)
GREEN / 3,4	EXISTING LOCAL COMM. ELLISON
GREEN / 9,10	RETURN LOCAL COMM. ELLISON

CHANNEL ASSIGNMENT TABLE	
CHANNEL	EXISTING LOCAL COMM. (1)
ACTIVE NETWORK	FIELD NODE 8
REDUNDANT NETWORK	
INTERSECTIONS	MCMAHON / BANDELIER (EX.) MCMAHON / UNSER (EX.) UNSER / BANDELIER (EX.) UNSER / LYON / IRVING (EX.) UNSER / LYON / PARADISE (EX.) UNSER / SUMMER RIDGE (NEW)

RECORD DRAWING
Date: December 27, 2012
These drawings have been revised based on the construction records of the contractor. While the information submitted by the contractor will be assumed to be reliable, the Engineer will not be responsible for errors or omissions which may appear in the record document as a result thereof.

WHPacific
6501 Americas Pkwy NE, Suite 400
Albuquerque, NM 87110
505-247-0294 Fax 505-242-4845
www.whpacific.com

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
TITLE: DESIGN OF UNSER BOULEVARD FROM MCMAHON TO BLACK ARROYO	
FIBER CONNECTIONS AND SPLICE TABLES	
Design-Review-Committee APPROVED JAN 31 2012 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 31 2012 CITY ENGINEER
City Project No. 7089.91	Zone Map No. A-11-Z
Sheet 21	Of 21