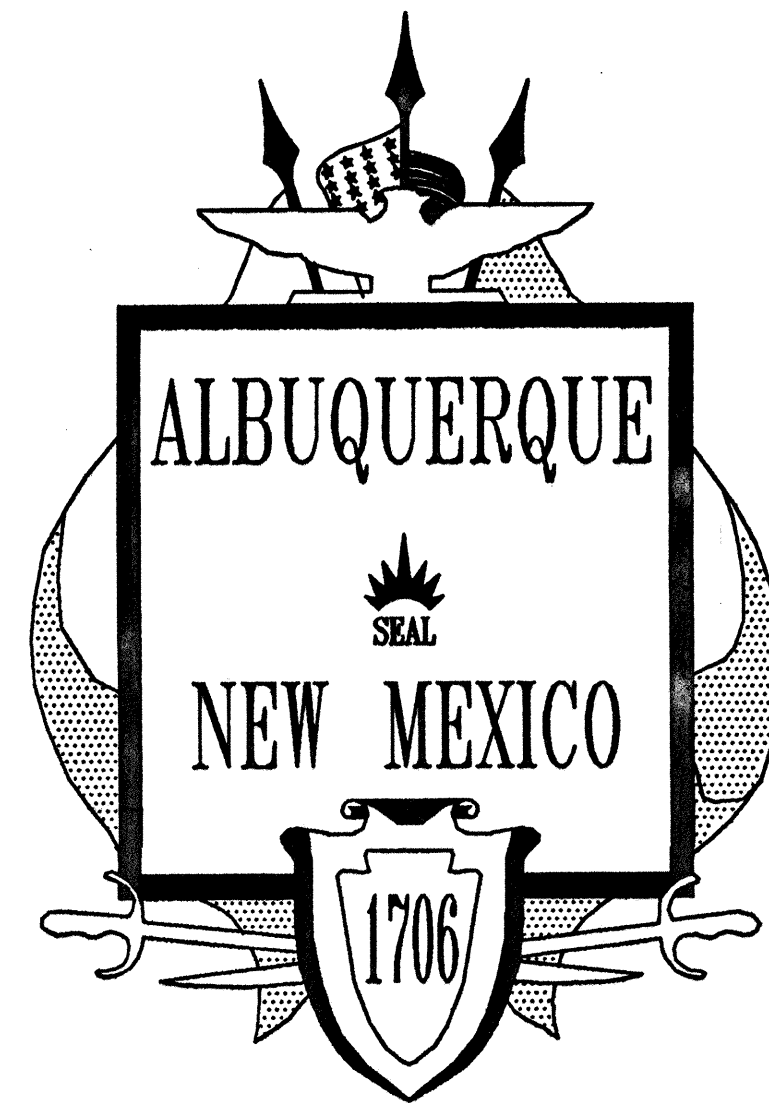
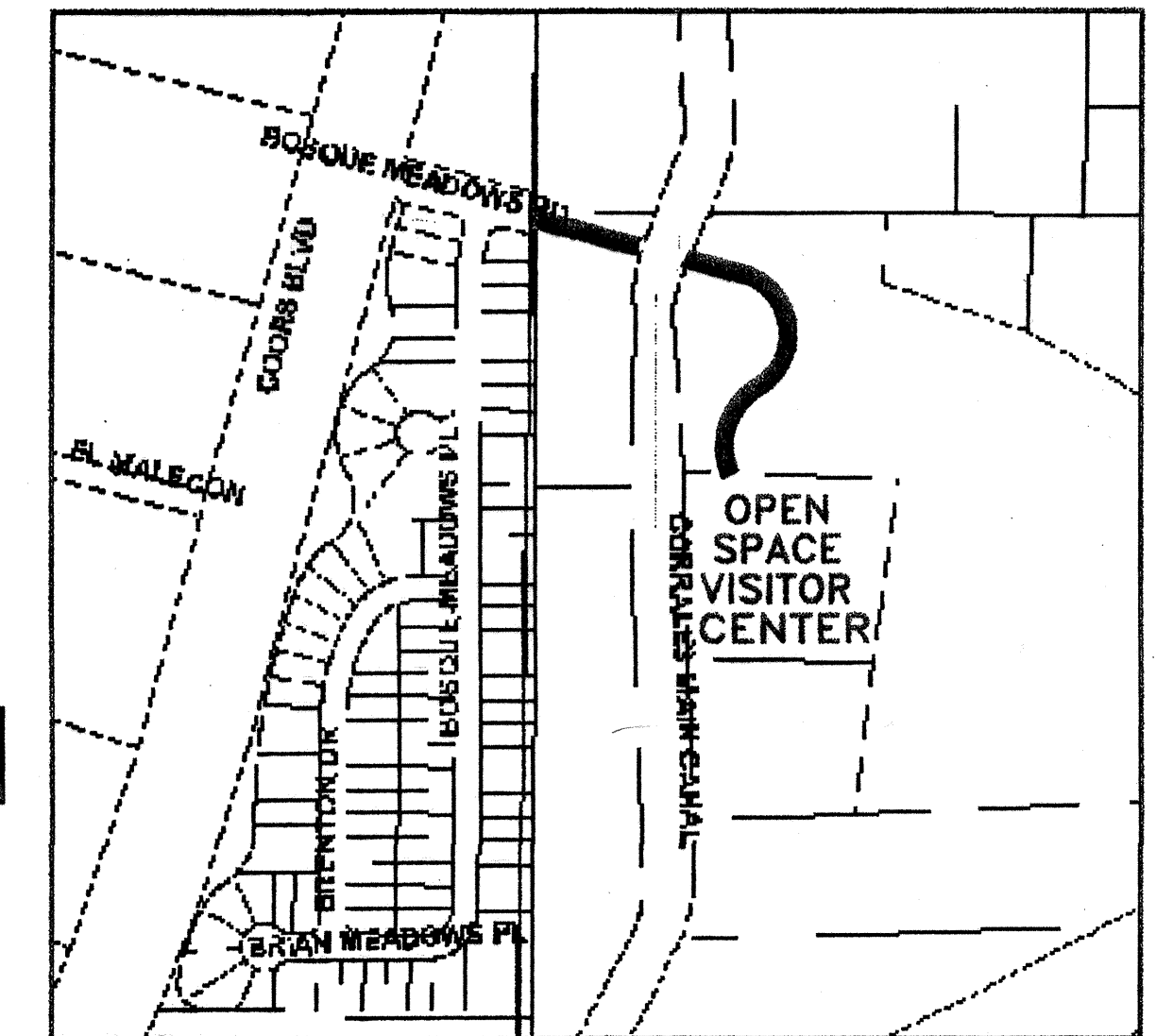




CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION

OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE III
DRAWING LIST



VICINITY MAP
MAP NO. D-13

UTILITY COMPANY CONTACTS

March 14, 2002

Name	Phones	Business
Bouska, Kelly	Office phone: (505) 241-7752 Office fax: 241-7753 Pager: 790-5575 kbouska@pnm.com	PNM - Gas Co. of NM District Engineer 4625 Edith Blvd. NE Albuquerque, NM 87107
Crowel, David	Office phone: (505) 842-2911 Office fax: 842-2890 dcrowel@att.com	AT&T Resource Supervisor 111 3rd Street NW Albuquerque, NM 87103
Darnell, Andy	Office phone: (505) 346-4476 Office fax: 346-4481 andy.darnell@vcom.com	MCI Worldcom Operations Manager 3700 Singer NE, Suite A Albuquerque, NM 87109
Erickson, Rita	Office phone: (505) 761-6235 Office fax: (505) 761-0599 rita_erickson@cable.comcast.com	Comcast Planning and Design Supervisor 4611 Montbel Place NE Albuquerque, NM 87107
Garcia, Robert	Office phone: (505) 241-3334 Office fax: (505) 241-3620 rgarcia@pnm.com	PNM - Electric Engineering Representative 4201 Edith Blvd. NE MS-ES55 Albuquerque, NM 87107
Gay, Bob	Office phone: (505) 898-2661 Office fax: 898-6379 mmubob@earthlink.net	New Mexico Utilities Operations Superintendent 4700 Irving Blvd. NW Suite 201 Albuquerque, NM 87114
Harrison, Royal	Office phone: (505) 938-7339 Office fax: 938-7380 Royal.Harrison@twtelecom.com	Time Warner Telecom Plant Manager 3830 Singer Blvd. NE Suite 1000 Albuquerque, NM 87109
Mares, John	Office phone: (505) 998-2274 Office fax: 998-9161 john.mares@espire.net	E. Spire 505 Marquette NW Suite 1605 Albuquerque, NM 87102
Mueller, Rick	Office phone: (505) 244-3161 Office fax: 244-0094 Mobile: 228-3329 rdmueller@mcleodusa.com	McLeod USA Supervisor of Outside Techs. 505 Marquette NW (Compass Bank) Suite 1600 Albuquerque, Nm 87102

- 1 TITLE SHEET
- 2 SURVEY
- 3 GENERAL NOTES, LEGEND
- 4 PLAN AND PROFILE SHEET
- 5 SECTIONS AND DETAILS
- 6 SECTIONS AND DETAILS
- 7 SECTIONS AND DETAILS
- 8 SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
- 9 TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

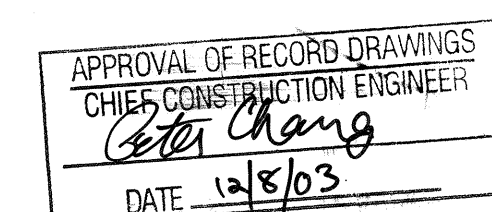
Name	Phones	Business
Muller, David	Office phone: (505) 245-8706 Office fax: 245-6831 or 245-6733 dmuller@uswest.com	Qwest/US West Capacity Provisioning Specialist 201 3rd Street NW (Bank of Albuquerque) Suite 700
Nelson, Joshua	Mobile: (505) 991-2120 Office fax: (505) 217-0070 jhcocoo_in@worldnet.att.net	CityNet Telecommunications Consultant 505 Marquette Ave. N.W. Suite 119-A Albuquerque, NM 87103
Olson, Greg	Office phone: (505) 768-2719 Office fax: (505) 768-3629 golson@caba.gov	City Of Albuquerque Principal Engineer, Utility Development P.O. Box 1293 Albuquerque, NM 87103
Turley, Tom	Office phone: (636) 561-0339 Office fax: (636) 561-0355 tom.turley@genuity.com	Genuity Supervisor - OSP Maintenance 50 Centre on the Lake Lake Saint Louis, MO 63367

26 6/20/05 11 03

DMJM HARRIS

6501 AMERICAS PARKWAY, NE
SUITE 700 (505)889-4350
ALBUQUERQUE, NM 87110

Elevations are in NGVD 29



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman		5-10-02	APPROVED FOR CONSTRUCTION City Engineer Date 5/10/02		
		Transportation		4/25/02			
		Water/Wastewater		5/8/02			
		Hydrology		4/16/02			
		Parks		4/16/02			
Constr. Mngmt.		5-10-02					
Constr. Coord.		5-10-02	City Project No. 612005				
Sheet				Of 9			

NOTES:

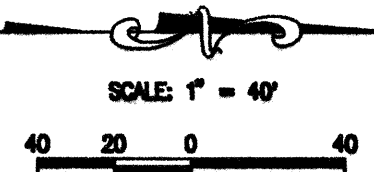
1. BEARINGS SHOWN ARE NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE).
2. DISTANCES ARE GROUND DISTANCES.
3. ELEVATIONS ARE SLD 29 DATUM VALUES BASED ON C.O.A. BENCH MARK "B-012", ELEV.= 4,987.44.
4. COORDINATES ARE PROJECT (GROUND) VALUES BASED ON NM STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (NAD 27). USE GROUND-TO-GRID FACTOR = 0.9998779 TO OBTAIN GRID COORDINATES.
5. LOCATION OF UNDERGROUND UTILITY LINES IS BASED ON LOCATION OF SURFACE ACCESSIBLE APPURTENANCES (RISERS, MANHOLES, POLES ETC.) AND UNDERGROUND UTILITY SPOTS. OTHER LINES MAY EXIST THAT ARE NOT SHOWN ON THIS SURVEY.
6. THIS IS A SURVEY OF EXISTING PROPERTY LINES AND RIGHT-OF-WAY LINES IN THE VICINITY OF THE PROJECT, AS SHOWN ON RECORD PLATS AND MAPS.
7. ORIGINAL SURVEY DATED 10/13/2000 WAS REVISED TO SHOW FIELD SURVEYED ELEVATIONS AT THE BOTTOM OF CORRALES MAIN CANAL CONCRETE CHANNEL.

CONTROL POINT TABLE

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP-1	1514.804.24	571.809.35	5,049.83	NMS "HUGHES"
CP-2	1515.228.20	572.422.28	5,018.52	NMSIC "M448-NB"
CP-3	1515.228.19	572.422.28	5,018.52	NMSIC "M448-NB"
CP-4	1515.082.14	573.763.24	4,987.14	
CP-10	1515.088.23	573.324.32	5,004.28	
CP-15	1515.333.15	573.652.88	5,007.39	
CP-20	1520.232.91	573.633.55		ACS "BALAMBA B.N.O.2"

LEGEND

- FOUND CORNER
- ◻ WATER VALVE
- EM □ ELECTRICAL METER
- EB □ ELECTRICAL BOX
- CONTOUR MAJOR
- CONTOUR MINOR
- CP-16 ▲ CONTROL POINT (ASC)
- FIRE HYDRANT
- W WATER METER
- × LT LIGHT POLE
- POWER LINE
- △ G GAS METER
- TR TELEPHONE RISER
- SPOT ELEVATION
- BUILDING
- TOE OF CANAL (APPROXIMATE LOCATION)
- DECIDUOUS TREE
- EVERGREEN TREE
- * Y YUCCA TREE



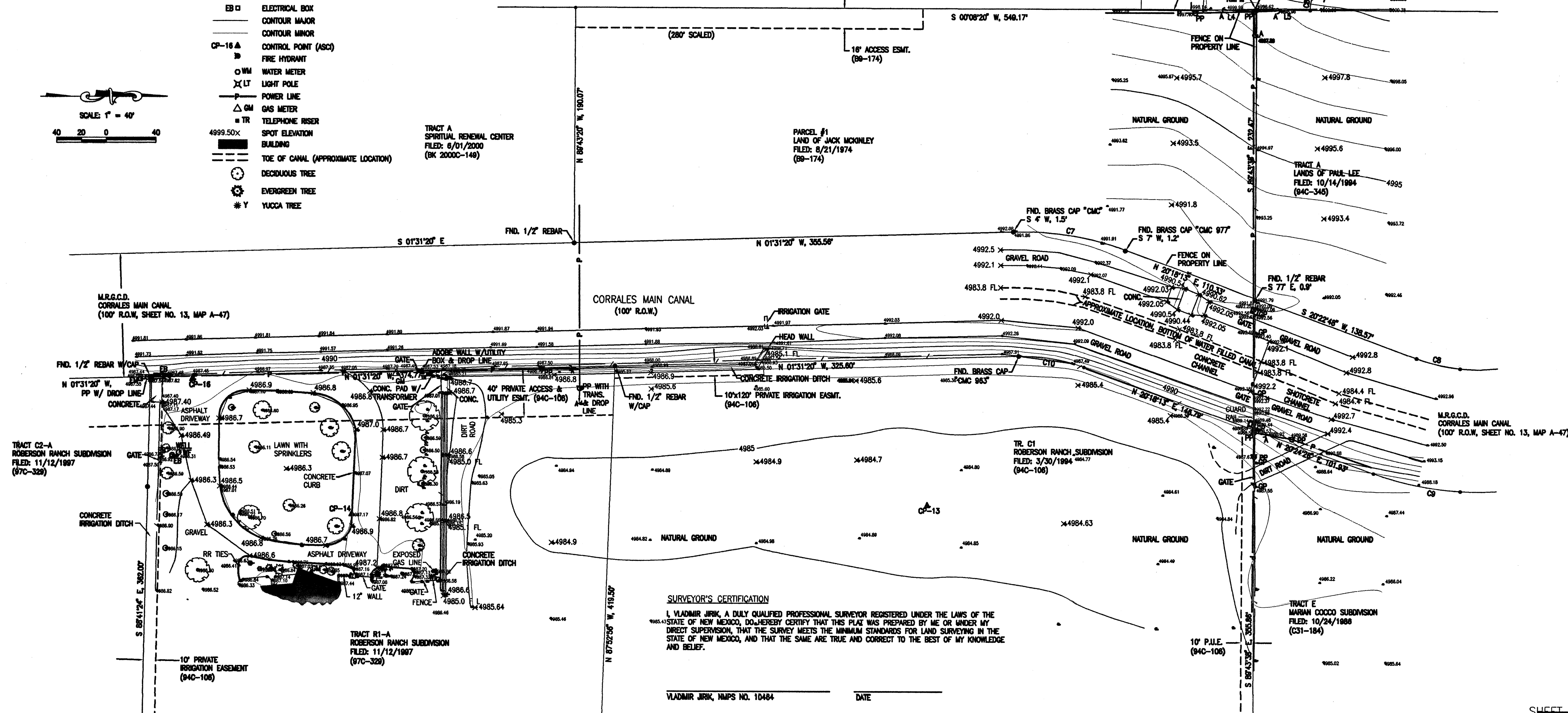
TOPOGRAPHIC AND BOUNDARY SURVEY
ACCESS ROAD TO TRACT R1-A
ROBERSON RANCH SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
AUGUST 2000

LINE TABLE:

LINE	BEARING	DISTANCE
L1	S 14°38'40\"	30.02
L2	N 14°38'40\"	30.02
L3	S 75°21'20\"	31.01
L4	N 00°08'20\"	43.00
L5	N 00°18'16\"	43.00

CURVE TABLE:

CURVE	LENGTH	DELTA	RADIUS	CHORD BRG	CHORD
C1	38.27	80°00'00\"	25.00	S 30°21'20\"	35.38
C4	38.27	80°00'00\"	25.00	S 59°38'40\"	35.38
C5	31.25	142°20'04\"	124.20	S 82°33'52\"	31.17
C6	9.61	142°24'25\"	38.20	N 82°33'41\"	9.58
C7	91.84	21°48'33\"	241.09	N 09°23'28\"	91.29
C8	58.18	24°05'00\"	140.80	N 08°21'56\"	58.76
C9	101.22	24°05'00\"	240.80	N 08°21'56\"	100.47
C10	53.75	21°48'33\"	141.08	N 09°23'28\"	53.42



SURVEYOR'S CERTIFICATION

I, VLADIMIR JIRK, A DULY QUALIFIED PROFESSIONAL SURVEYOR REGISTERED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE SURVEY MEETS THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

VLADIMIR JIRK, N.M.P.S. NO. 10484

DATE

SHEET 1 OF 1

DMJM HARRIS

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION

TITLE: OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE III

SURVEY

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 612005	Zone Map No. D-13	Sheet 2 Of 9	

AS BUILT INFORMATION

SURVEY INFORMATION

ENGINEER'S SEAL

REVISIONS

DESIGNED BY: R. L. BELL

DRAWN BY: J. L. MOORE

CHECKED BY: D. J. LARROW

DATE: APRIL 2002

DATE: APRIL 2002

DATE: APRIL 2002

BENCH MARKS

FIELD NOTES

ENGINEER'S SEAL

REVISIONS

DESIGNED BY: R. L. BELL

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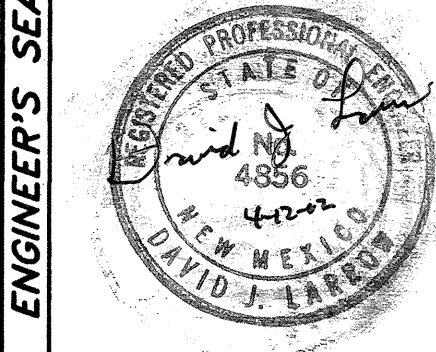
DATE: APRIL 2002

GENERAL NOTES

1. ALL WORK DETAILED ON THESE DRAWINGS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED THROUGH UPDATES NO. 6, HEREBY REFERRED TO AS THE SPECIFICATIONS. REFERENCES MADE TO STANDARD DRAWINGS IMPLY THAT SECTION OF THE SPECIFICATIONS, WHICH INCLUDES MISCELLANEOUS STANDARD DETAILS.
2. LOCATION OF UTILITIES ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL PERTINENT UTILITIES IN THE FIELD. CALL NEW MEXICO ONE CALL SYSTEM AT 260-1990 TWO WORKING DAYS BEFORE ANY EXCAVATION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUPPORT ALL UTILITIES EXPOSED DURING CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO ALL UTILITIES, INCLUDING SERVICE LINES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET, AS PER COA STANDARDS.
6. ALL PAVEMENT MARKINGS OR OTHER TRAFFIC CONTROL DEVICES INCLUDING TRAFFIC SIGNAL CONDUIT, ADVERSELY AFFECTED BY CONSTRUCTION SHALL BE REPLACED IN PRE-CONSTRUCTION CONDITION. THESE COSTS SHALL BE INCIDENTAL TO THE PROJECT UNLESS OTHERWISE INCLUDED IN BID ITEMS.
7. CONTRACTOR SHALL COORDINATE WITH PNM WHERE LIP OF TRENCH IS LESS THAN 5' TO POWER POLE. COSTS ASSOCIATED WITH SUPPORT OF EXISTING POLES SHALL BE INCIDENTAL TO THE PROJECT.
8. CONTRACTOR SHALL BE CHARGED BY PNM FOR ANY DAMAGE TO PNM CABLES AND FOR SUPPORTING OR MINOR RELOCATIONS OF CABLES DURING CONSTRUCTION. THESE COSTS SHALL BE INCIDENTAL TO THE PROJECT.
9. THE CONTRACTOR SHALL PROVIDE TWO PROJECT CONSTRUCTION SIGNS PER THE REQUIREMENTS OF SPECIAL PROVISIONS.
10. CONTRACTOR SHALL COORDINATE WITH THE GAS COMPANY OF NEW MEXICO TWO WEEKS PRIOR TO NEEDING A GAS LINE SEGMENT RELOCATED.
11. CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS.
12. 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 BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES.
14. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
15. CONTRACTOR IS ADVISED TO VISIT THE PROJECT SITE PRIOR TO BIDDING AND FAMILIARIZE THEMSELVES WITH FIELD CONDITIONS INCLUDING THE LOCATION OF UTILITIES SHOWN ON THE PLANS AND OTHER UTILITIES/OBSTACLES CLEARLY VISIBLE IN THE FIELD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PLAN THEIR CONSTRUCTION METHODS TO ADEQUATELY SUPPORT AND/OR AVOID ALL UTILITIES SHOWN ON THE PLANS AND ALL UTILITIES/OBSTRUCTIONS CLEARLY VISIBLE IN THE FIELD. ANY RELOCATION OF UTILITIES/OBSTACLES SHOWN ON THE PLANS OR VISIBLE IN THE FIELD IN ORDER TO COMPLETE THE REQUIRED WORK WILL BE CONSIDERED TO BE CONTRACTOR CONVENIENCE AND BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS THE UTILITY/OBSTRUCTION IS IDENTIFIED ON THE PLANS AS BEING RELOCATABLE AS PART OF THE PROJECT. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL REQUIRED RELOCATIONS WITH APPROPRIATE UTILITIES/INDIVIDUALS.

LEGEND

PROPOSED	EXISTING	
		FOUND CORNER
		WATER VALVE
		ELECTRICAL METER
		ELECTRICAL BOX
		CONTOUR
		CONTROL POINT (ASCI)
		FIRE HYDRANT
		WATER METER
		LIGHT POLE
		POWER LINE
		GAS METER
		TELEPHONE RISER
		SPOT ELEVATION
		BUILDING
		TOE OF CANAL (APPROXIMATE LOCATION)
		DECIDUOUS TREE
		EVERGREEN TREE
		YUCCA TREE
		PAVEMENT LIMITS
		TOP OF CURB
		TOP OF ASPHALT
		TOP OF SIDEWALK



DMJM HARRIS

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION

TITLE: OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE III

GENERAL NOTES AND LEGEND

Design Review Committee
MAY 10 2002

City Engineer Approval
MAY 10 2002

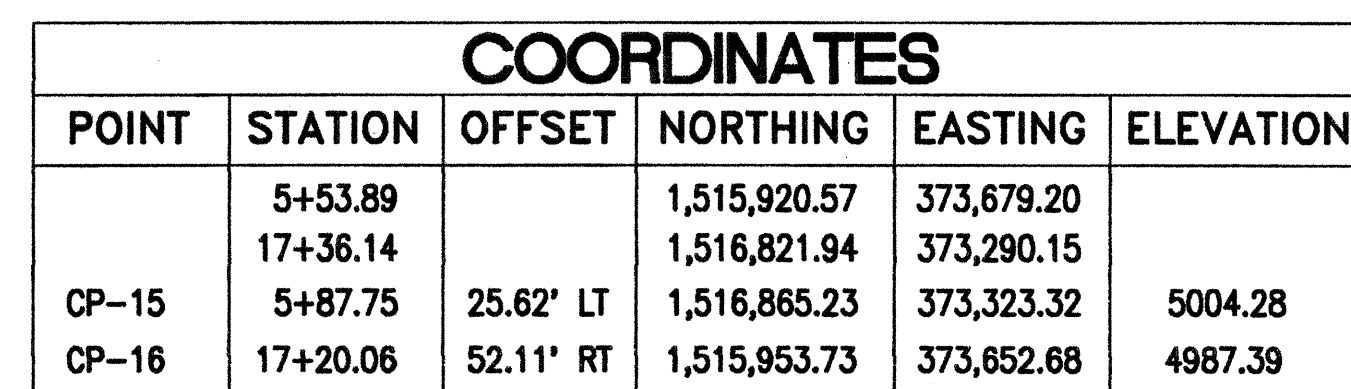
City Engineer
CITY ENGINEER

City Project No.
612005

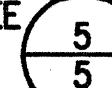
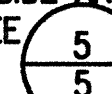
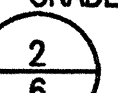
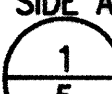
Zone Map No.
D-13

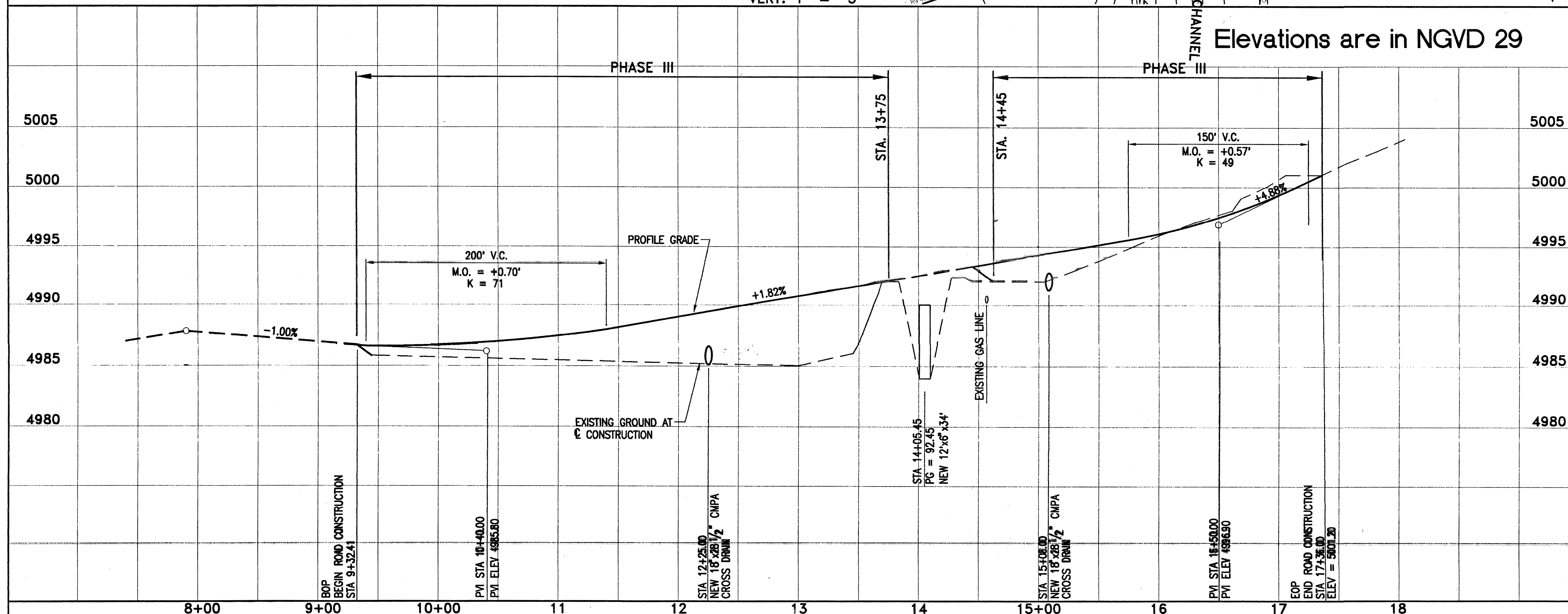
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9

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES		NO.		NMSHC (NGVD29) "NM448-N8"		CONTRACTOR	
BY		DATE		ELEV. = 5018.922		STARTED BY	
REMARKS		BY		LOCATED 1600' SOUTH OF		DATE	
REVISIONS		DATE		BOSQUE MEADOWS RD., N.W. ALONG		DATE	
DESIGN		DATE		COORS BLVD., N.W.		DATE	
DESIGNED BY: R L BELL		DATE: APRIL 2002					
DRAWN BY: J L MOORE		DATE: APRIL 2002					
CHECKED BY: D J LARROW		DATE: APRIL 2002					



SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

1. STA 9+32.41 BEGIN CONSTRUCTION. BEGIN 6' SIDEWALK RIGHT SIDE, MOUNTABLE CURB (ESTATE TYPE) LEFT SIDE AND RIGHT SIDE, AND GRAVEL PAVEMENT. MATCH EXISTING ROAD. SEE 
2. STA 13+75.00 END CONSTRUCTION. END 6' SIDEWALK RIGHT SIDE, MOUNTABLE CURB (ESTATE TYPE) LEFT SIDE AND RIGHT SIDE, AND GRAVEL PAVEMENT. MATCH EXISTING ROAD. SEE 
3. STA 15+08.00 NEW 18"x28 1/2"x57" CMPA WITH END SECTION EACH END. GRADE TO DRAIN TO EXISTING OVERFLOW INTO CORRALES MAIN CANAL. SEE 
4. STA 14+45.00 BEGIN CONSTRUCTION. BEGIN 6' SIDEWALK LEFT SIDE AND RIGHT, MOUNTABLE CURB (ESTATE TYPE) LEFT SIDE AND RIGHT SIDE, AND ASPHALT PAVEMENT. MATCH EXISTING ROAD. SEE 



DMJM-HARRIS

**CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION**

PLAN AND PROFILE

Design Review Committee City Engineer Approval

MAY 10 2002

DESIGN CITY ENGINEER

City Project No.	612005	Zone Map No.	D-13
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SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
	NMSHC (NGVD25) "NN448-N6"			
	ELEV. = 5018.922		CONTRACTOR	
	LOCATED 1600' SOUTH OF		INSPECTORS	
	BOSQUE MEADOWS RD., N.W. ALONG		FIELD OFFICE BY	DATE
	COORS BLVD., N.W.		VERIFICATION BY	DATE
			DRAWINGS	DATE
			CHECKED BY	DATE
			<i>MICRO-FILM INFORMATION</i>	
			RECORDED BY	DATE
			NO.	

ENGINEER'S SEAL

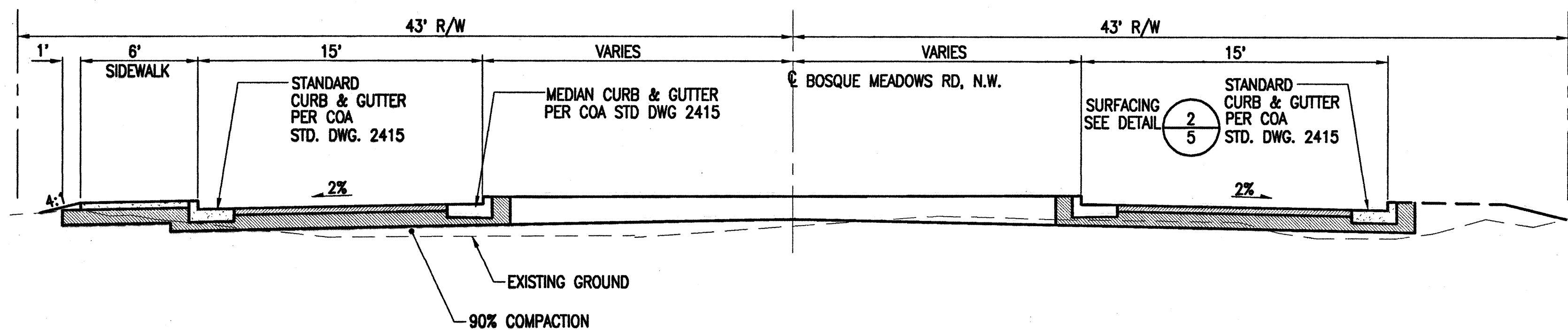
REGISTERED PROFESSIONAL ENGINEER
STATE OF
NEW MEXICO
NO. 9856
DAVID J. LARROW

4-24-02

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Mo./Day/Yr.	Mo./Day/Yr.
Sheet	Of
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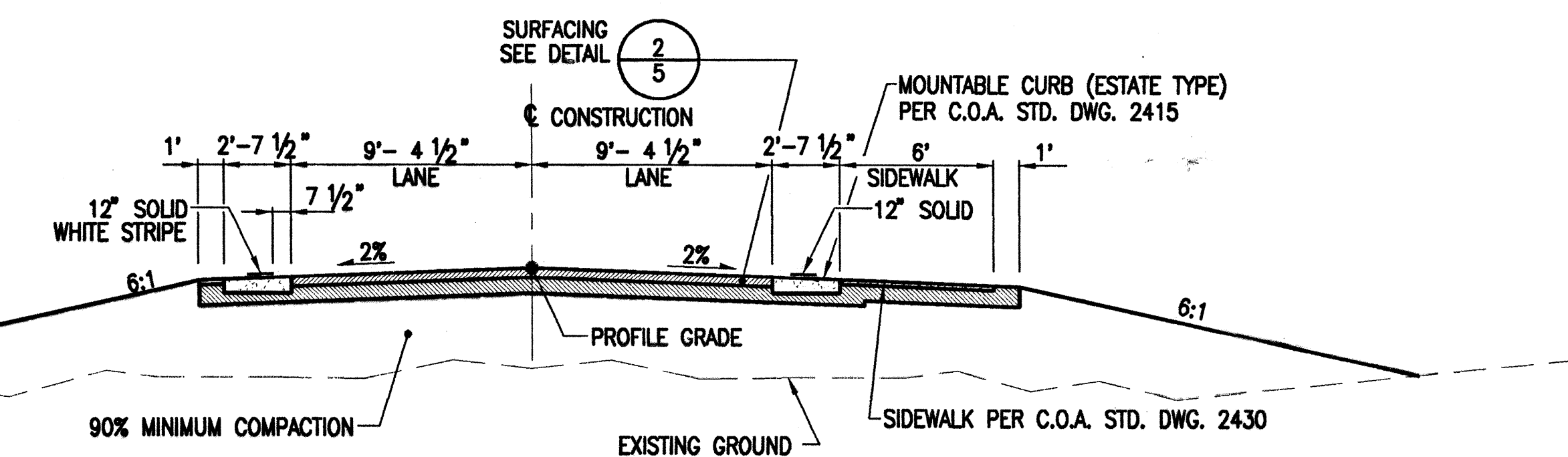
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ROADWAY SECTION

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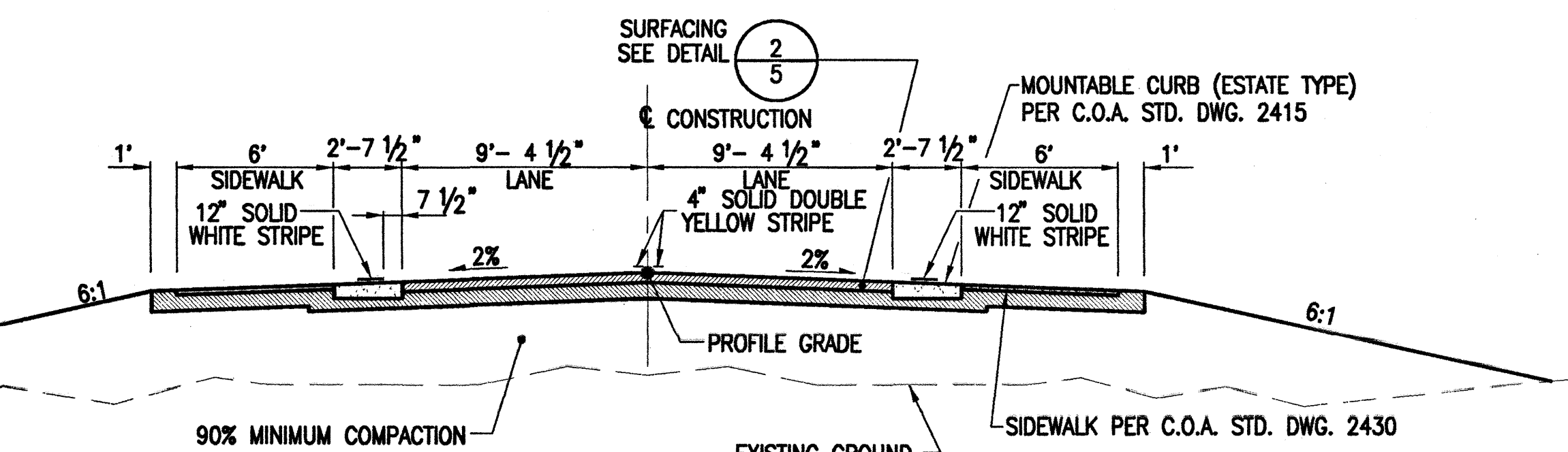
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ROADWAY SECTION STA 9+32.41 TO STA 13+75.00

SCALE: 1" = 5'

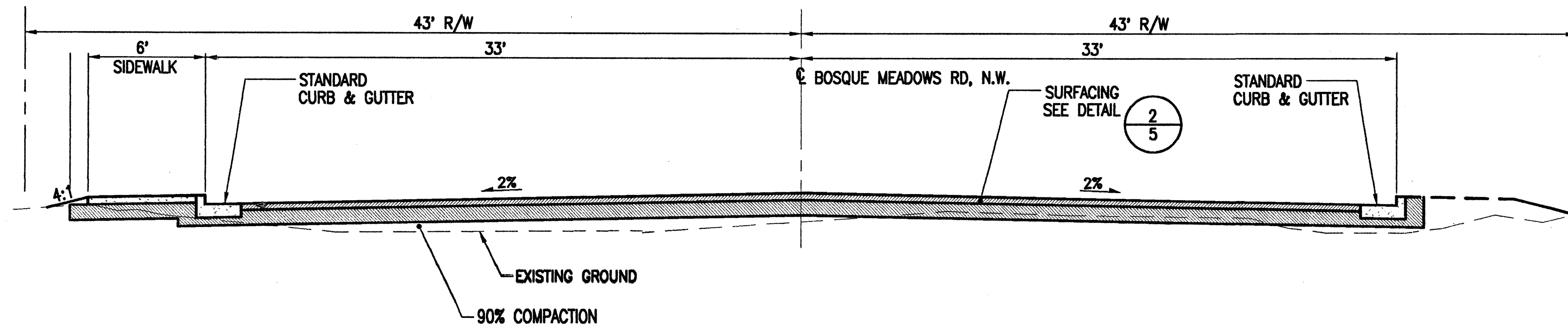
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ROADWAY SECTION STA 14+45.00 TO STA 17+36.00

SCALE: 1" = 5'

1
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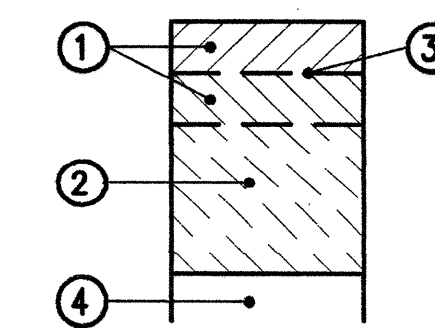


ROADWAY SECTION

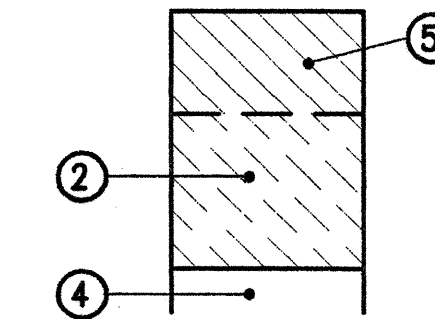
SCALE: 1" = 5'

PAVING NOTES:

1. STA 14+45.00 TO STA 17+36.00
2 LIFTS OF 1 1/2" (TYPE B),
ASPHALT CONCRETE, 1800 LB.,
2. SUBGRADE SOIL R-VALUE > 50. PLACED IN
2-6" COMPACTED LIFTS. 95% MIN. COMPACTION,
AT OPT. MOISTURE +/- 2%, ASTM D1557, OR
OPT. MOISTURE, TO +4%, ASTM D698 FOR SOIL
W/35% OR MORE MATERIAL PASSING THE NO.
200 SIEVE. IF THE SUBGRADE SOIL HAS AN R
VALUE LESS THAN 50, THE SUBGRADE SOIL
SHALL BE REPLACED TO A DEPTH OF 2 FT.
WITH A MATERIAL WITH AN R VALUE GREATER
THAN 50.
3. TACK COAT AS REQUIRED BY THE
ENGINEER BETWEEN ALL
ASPHALT/AGGREGATE MATERIAL LIFTS.
FINISH SURFACE OF SUBGRADE,
AGGREGATE BASE COURSE, AND/OR
CEMENT TREATED BASE SHALL BE
MOISTURE-CONTROLLED AT COMPACTION
MOISTURE RANGE, OR PRIME COAT AS
REQUIRED BY THE ENGINEER UNTIL
NEXT/FINAL SURFACING. COMPLETED
SUBGRADE PREPARATION SHALL BE
PERFORMED AFTER ALL SUBSURFACE
R/W UTILITIES CONSTRUCTION IS
COMPLETED.
4. 90% MINIMUM COMPACTION.
5. STA 9+32.41 TO STA 13+75.00
1 LIFT OF 6" AGGREGATE BASE
COURSE @ 95% COMPACTION.



ROADWAY PAVING SECTION
(BITUMINOUS)



ROADWAY PAVING SECTION
(GRAVEL)

DETAIL

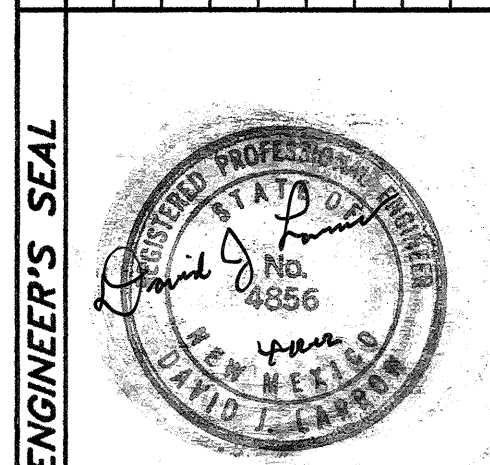
SCALE: NONE

2
5

AS BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE
DESIGNED BY	DATE	DATE	DATE
LOCATED 1600' SOUTH OF	DATE	DATE	DATE
BOSQUE MEADOWS RD., N.W. ALONG	DATE	DATE	DATE
COOKS BLVD., N.W.	DATE	DATE	DATE

BENCH MARKS			
NMSHC (NGVD29) "NM448-N8"	DATE	DATE	DATE
ELEV. = 5018.922	DATE	DATE	DATE
LOCATED 1600' SOUTH OF	DATE	DATE	DATE
BOSQUE MEADOWS RD., N.W. ALONG	DATE	DATE	DATE
COOKS BLVD., N.W.	DATE	DATE	DATE

SURVEY INFORMATION			
FIELD NOTES	DATE	DATE	DATE
BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE



ENGINEER'S SEAL			
REVISIONS	DATE	DATE	DATE
DESIGN	DATE	DATE	DATE
NO.	DATE	DATE	DATE
BY	DATE	DATE	DATE
REMARKS	DATE	DATE	DATE
DESIGNED BY: R L BELL	DATE: APRIL 2002	DATE: APRIL 2002	DATE: APRIL 2002
DRAWN BY: J L MOORE	DATE: APRIL 2002	DATE: APRIL 2002	DATE: APRIL 2002
CHECKED BY: D J LARROW	DATE: APRIL 2002	DATE: APRIL 2002	DATE: APRIL 2002

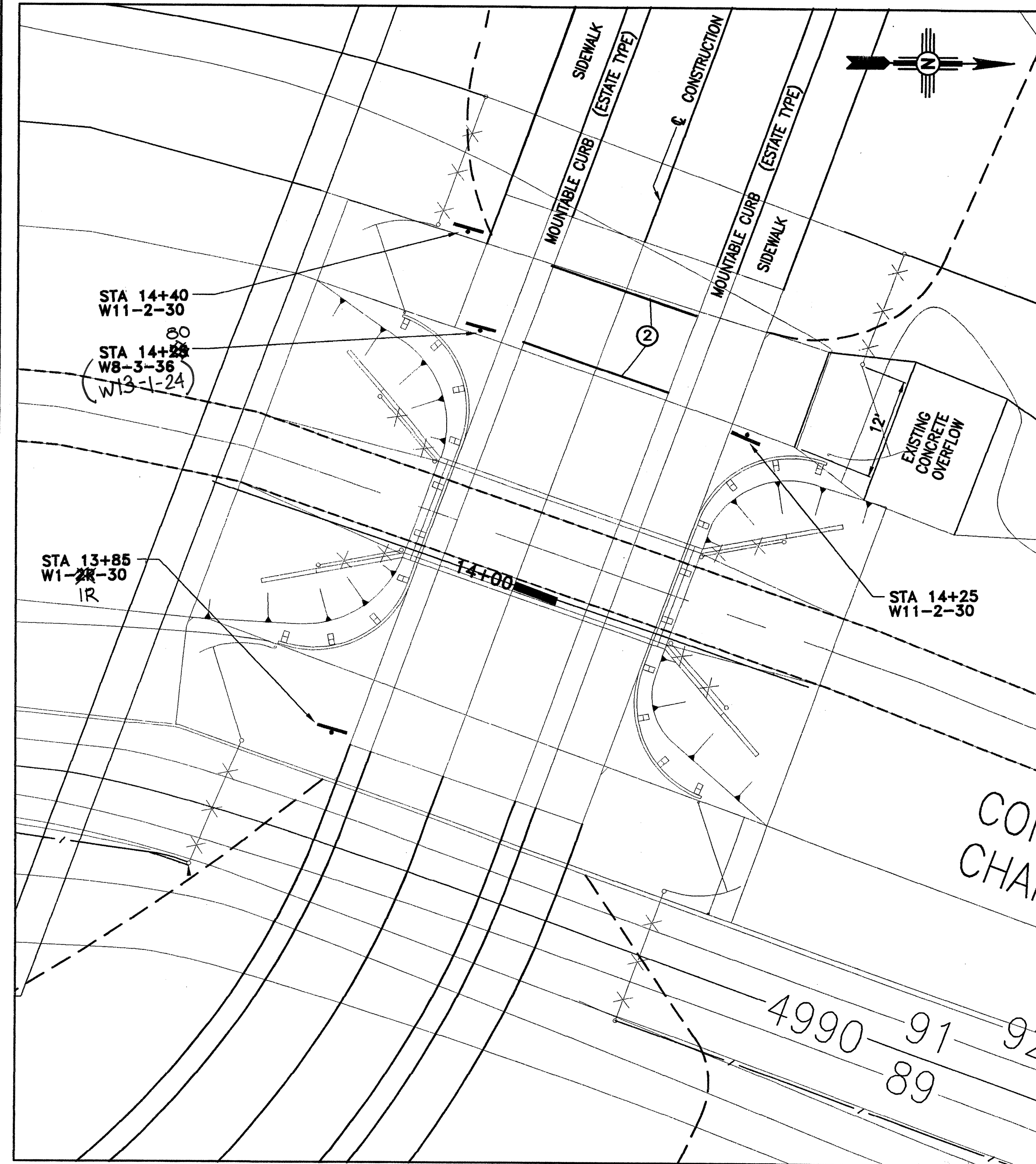
DMJM HARRIS

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION

TITLE: OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE III

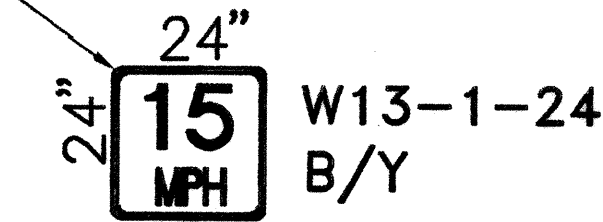
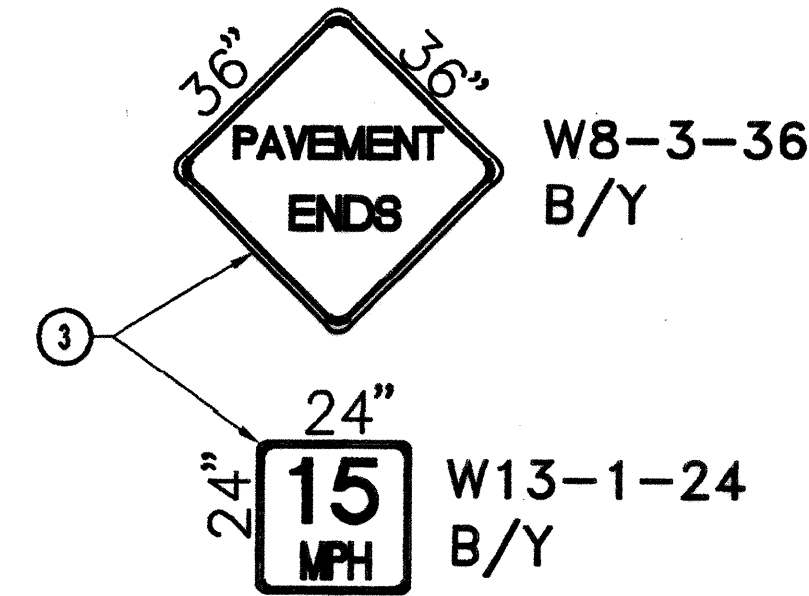
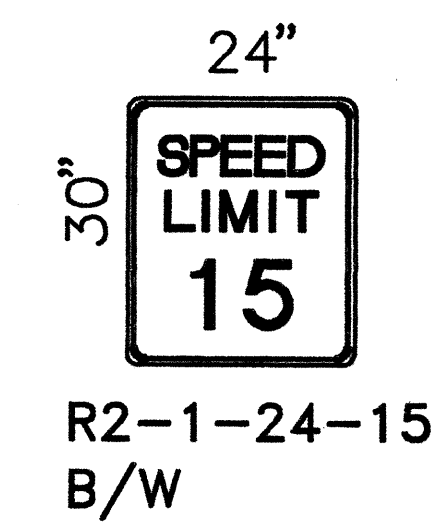
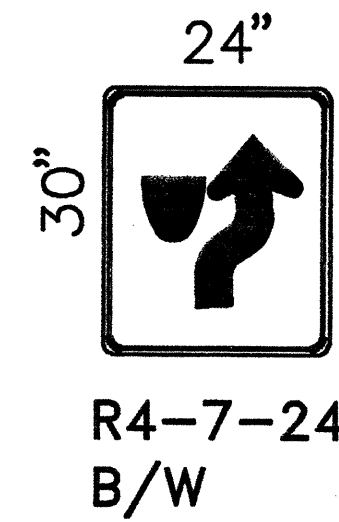
SECTIONS AND DETAILS

Design/Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
MAY 10 2002	MAY 10 2002		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No. 612005	Zone Map No. D-13	Sheet 5	Of 9



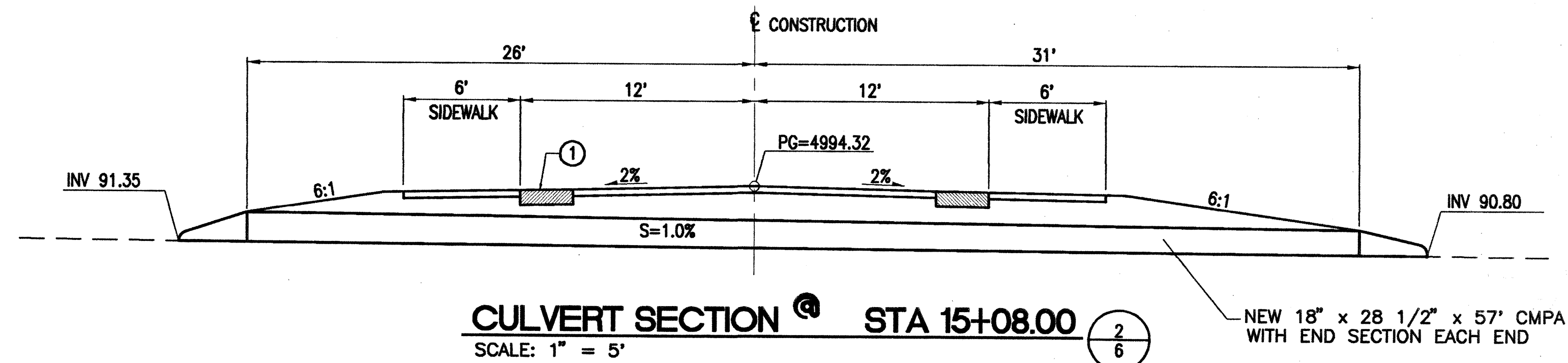
DETAIL PLAN
SCALE: 1" = 10'

1
6



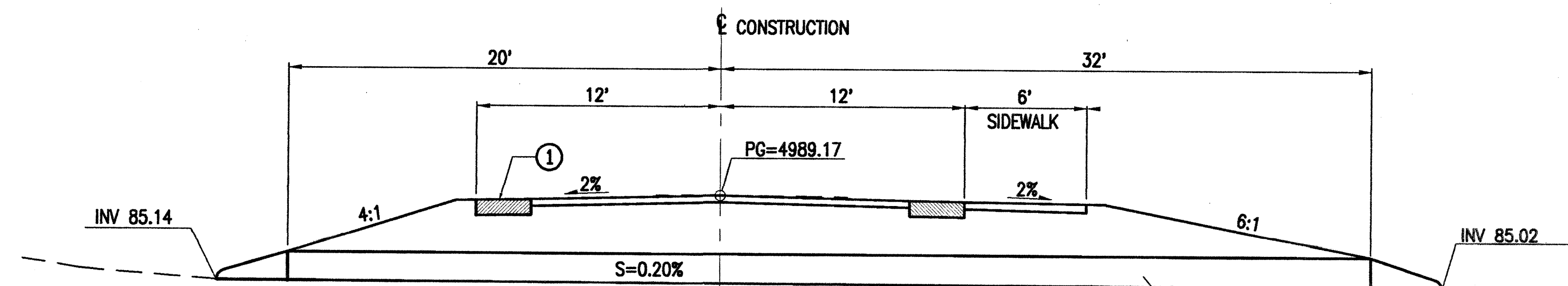
KEYED NOTES:

1. MOUNTABLE CURB ESTATE TYPE. SEE C.O.A. DWG. 2415.
2. STA. 14+26 AND STA. 14+38 NEW 12" WHITE CROSSWALK STRIPE. (12" WIDE)
3. SIGNS W8-3-36 AND W13-1-24 TO BE MOUNTED ON COMMON POST.



CULVERT SECTION @ STA 15+08.00
SCALE: 1" = 5'

2
6



CULVERT SECTION @ STA 12+25.00
SCALE: 1" = 5'

4
6

DMJM HARRIS

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION

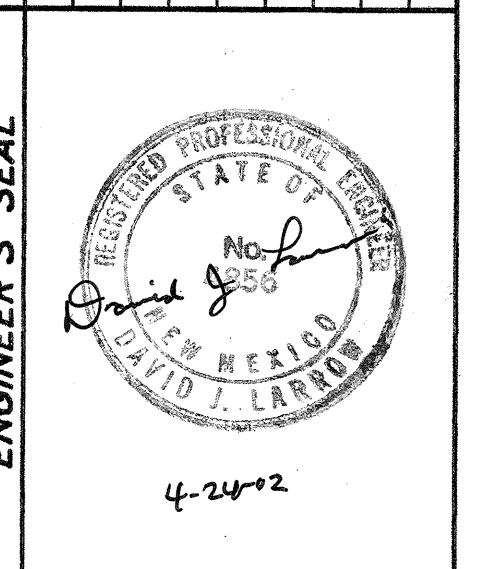
TITLE: OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE III

SECTIONS AND DETAILS

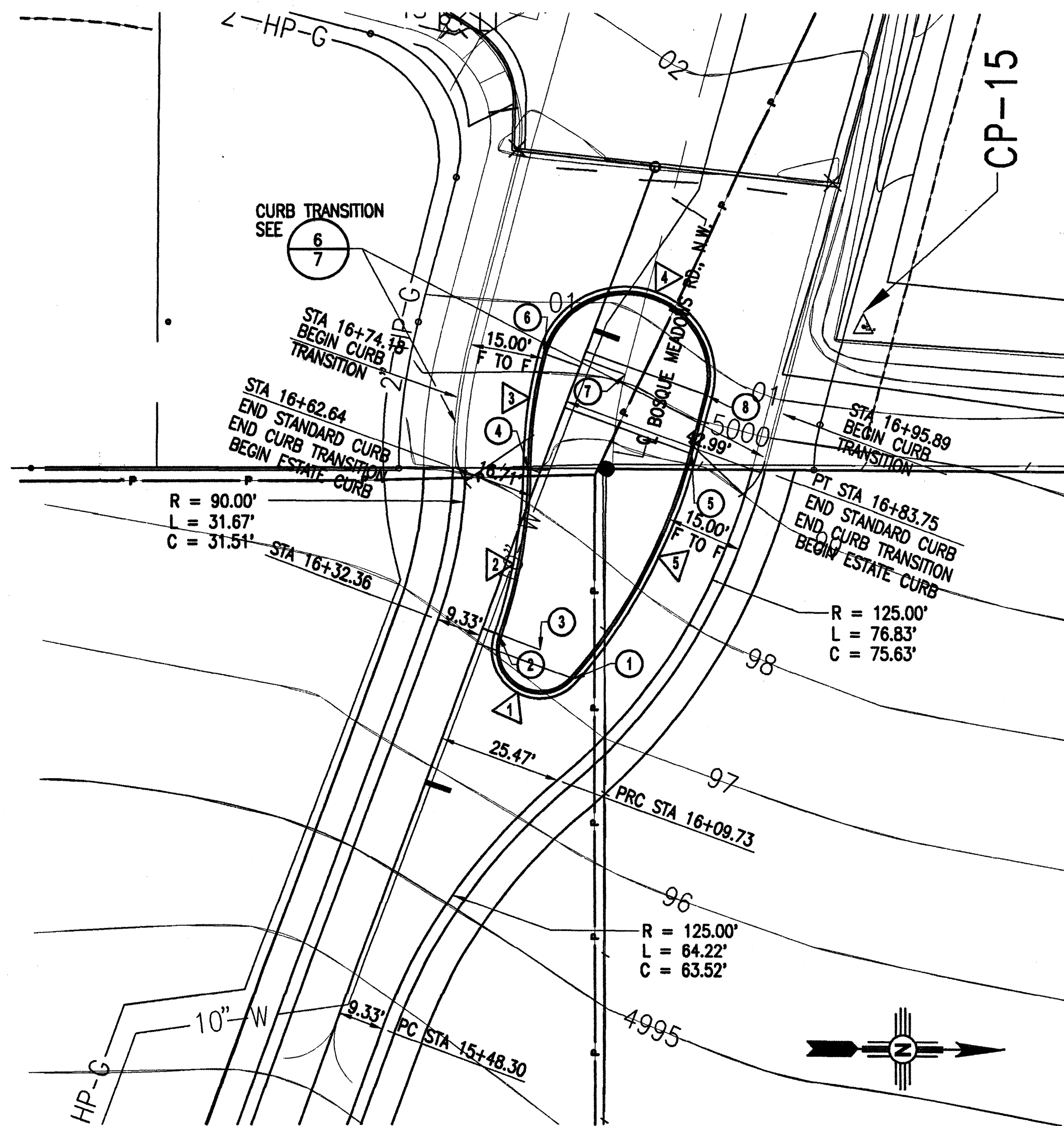
Design/Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED MAY 1 0 2002 DESIGN REVIEW COMMITTEE	APPROVED MAY 1 0 2002 CITY ENGINEER		

City Project No. **612005** Zone Map No. **D-13** Sheet **6** Of **9**

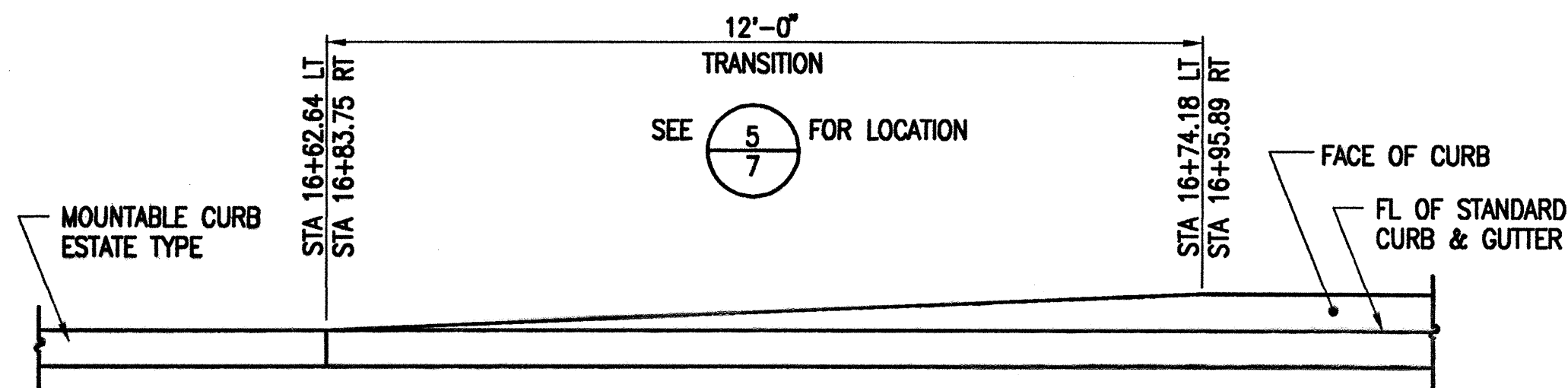
AS BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE
INSPECTED BY	DATE	DATE	DATE
VERIFIED BY	DATE	DATE	DATE
CORRECTED BY	DATE	DATE	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE



REVISIONS	BY	DATE
DESIGN	R. L. BELL	APRIL 2002
REVISIONS	J. L. MOORE	APRIL 2002
REVISIONS	D. J. LARROW	APRIL 2002



DETAIL PLAN
SCALE: 1" = 20'



CURB TRANSITION DETAIL
SCALE: NONE

LOC.	STA.	OFFSET
①	16+32.07	21.05'
②	16+33.83	3.66'
③	16+33.95	12.66'
④	16+67.79	2.62'
⑤	16+82.44	28.04'
⑥	16+91.65	8.06'
⑦	16+93.36	9.35'
⑧	16+95.08	26.77'

LOC.	RADIUS	LENGTH	CHORD
△	9.00'	24.81'	17.67'
△	103.00'	34.78'	34.62'
△	97.38'	24.54'	24.47'
△	17.50'	54.97'	35.00'
△	112.00'	52.70'	52.21'

STATION AND OFFSETS SHOWN ARE TO FLAT OF CURB.

DMJM HARRIS

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
OPEN SPACE DIVISION

TITLE: OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE III

SECTIONS AND DETAILS

Design/Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
MAY 10 2002 DESIGN REVIEW COMMITTEE	MAY 10 2002 CITY ENGINEER		

City Project No.	Zone Map No.	Sheet	Of
612005	D-13	7	9



NO.	DATE	REVISIONS	BY
		DESIGN	
DESIGNED BY:	R L BELL	DATE:	APRIL 2002
DRAWN BY:	J L MOORE	DATE:	APRIL 2002
CHECKED BY:	D J LARROW	DATE:	APRIL 2002

BENCH MARKS
NMSHC (NGVD29) "NM448-N8"
ELEV. = 5018.922
LOCATED 1600' SOUTH OF
BOSQUE MEADOWS RD., N.W. ALONG
COORS BLVD., N.W.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

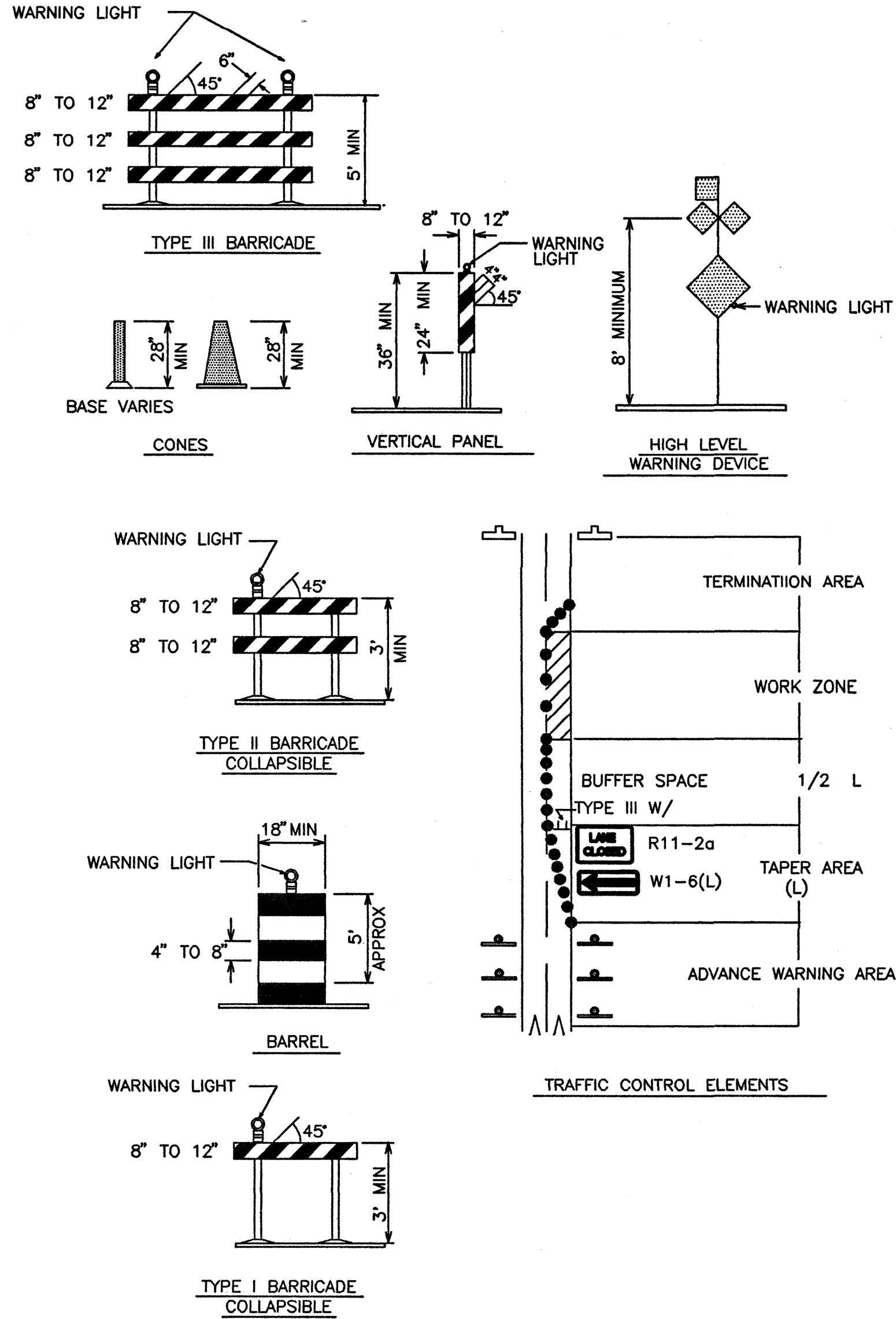
AS BUILT INFORMATION
CONTRACTOR
DATE
REVIEWED BY
DATE
INSPECTED BY
DATE
VERIFIED BY
DATE
CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

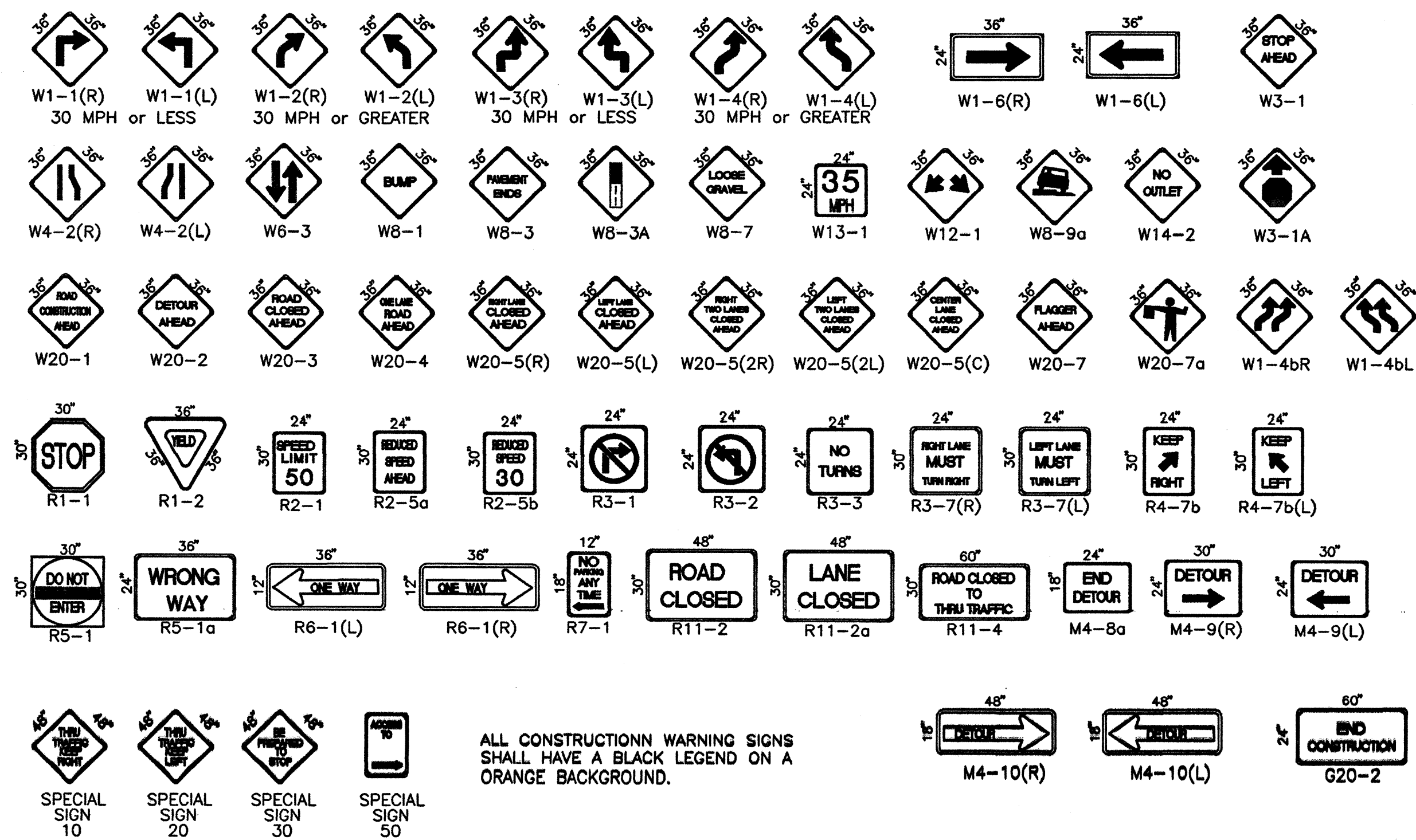
1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
- STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
 - BARRICADE - TYPE III
 - VERTICAL PANEL
 - WARNING SIGN
 - DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
 - FLAGMAN POSITION
 - SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
 - TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)				MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE	13' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	85	5	20	20
25	105	115	125	135	6	25	25
30	150	165	180	195	7	30	30
35	205	225	245	265	8	35	35
40	270	295	320	345	9	40	40
45	450	495	540	585	13	45	45
50	500	550	600	650	13	50	50
55	550	605	660	715	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

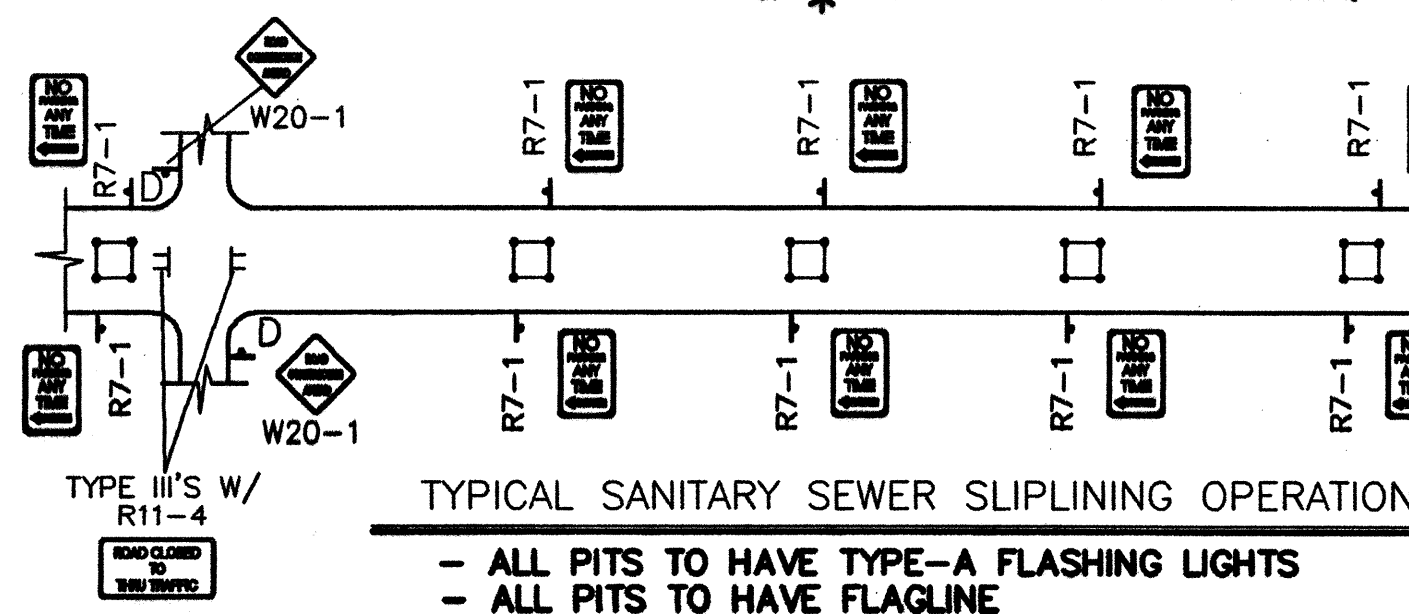
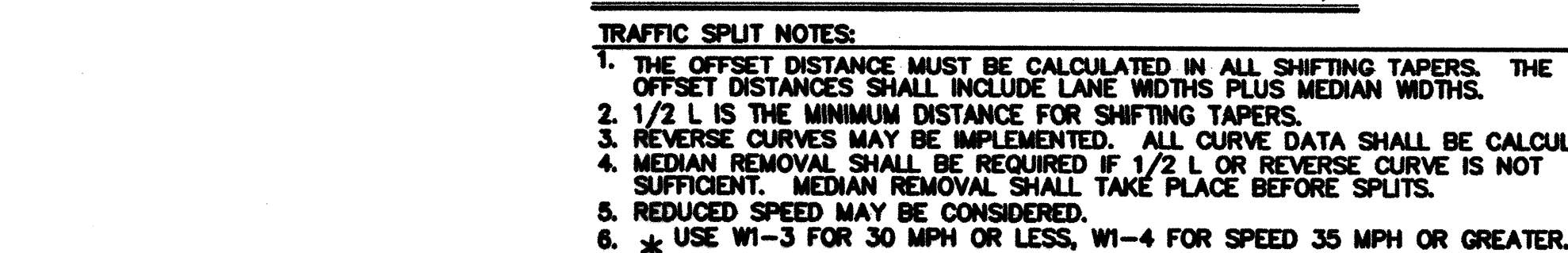
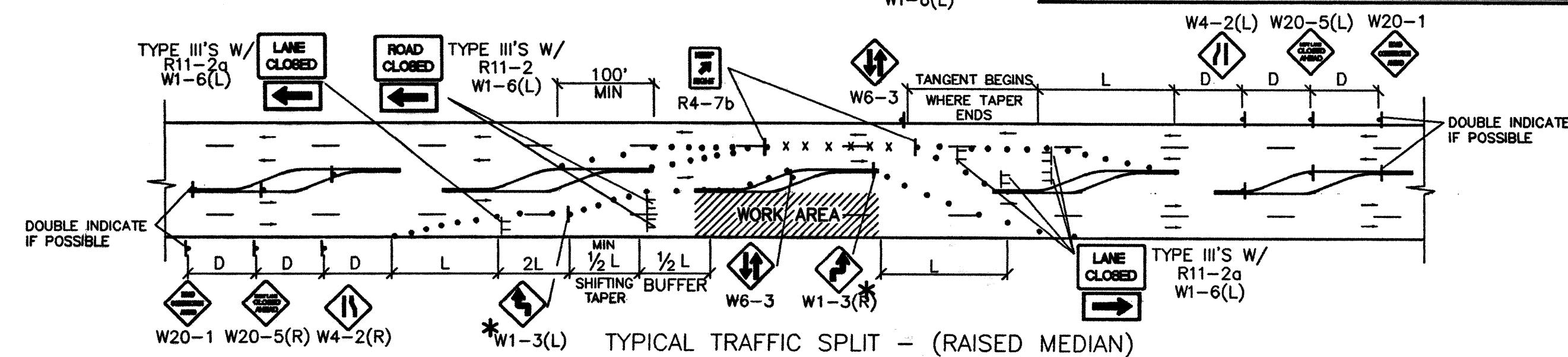
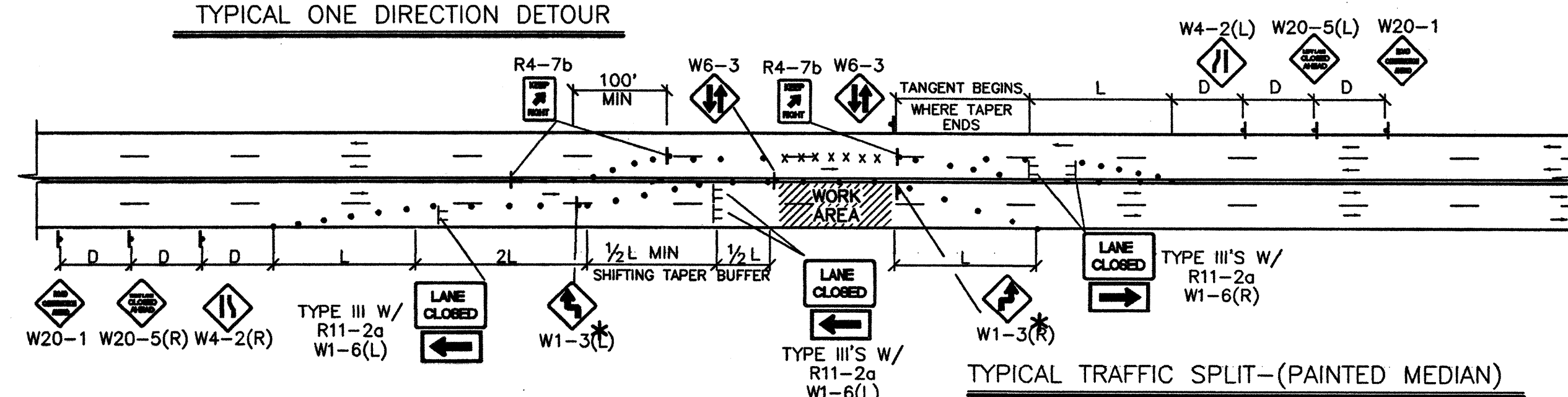
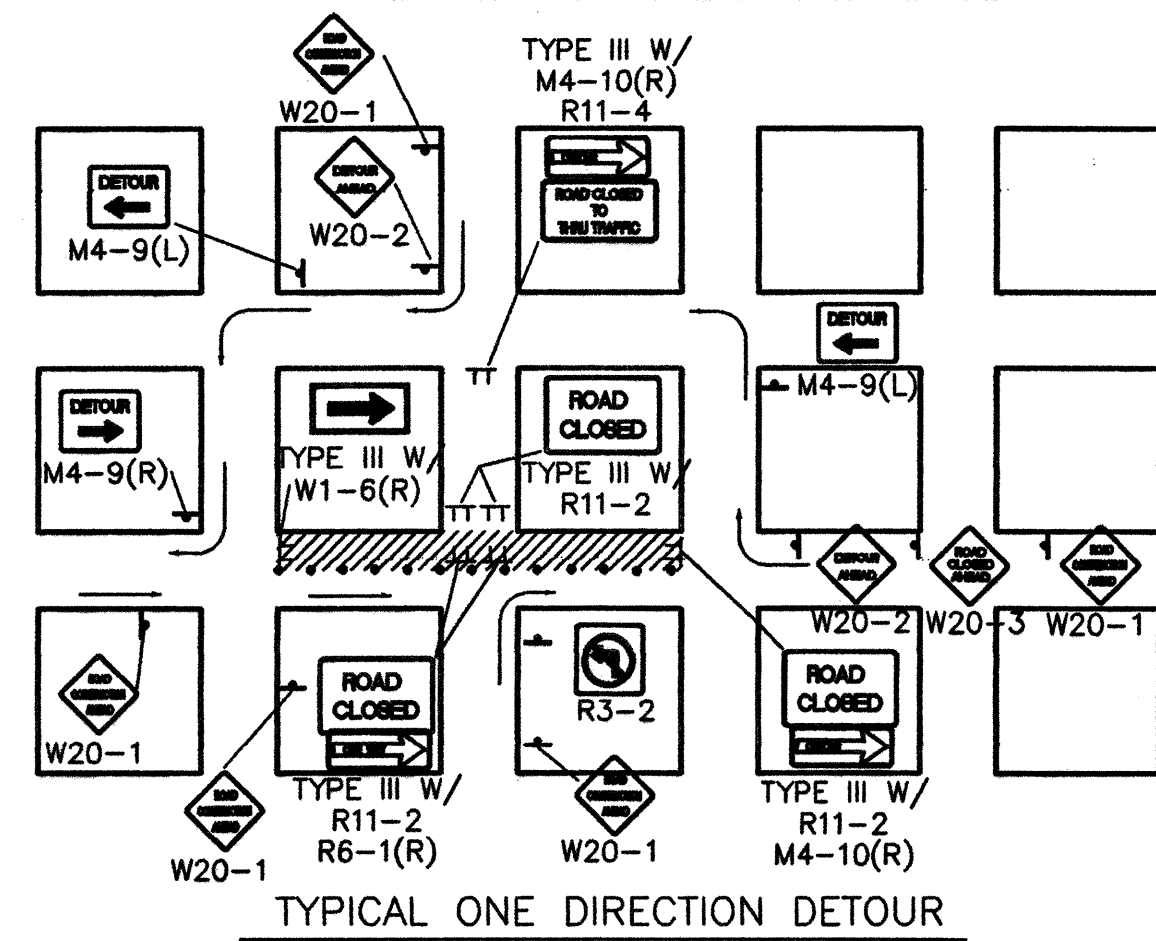
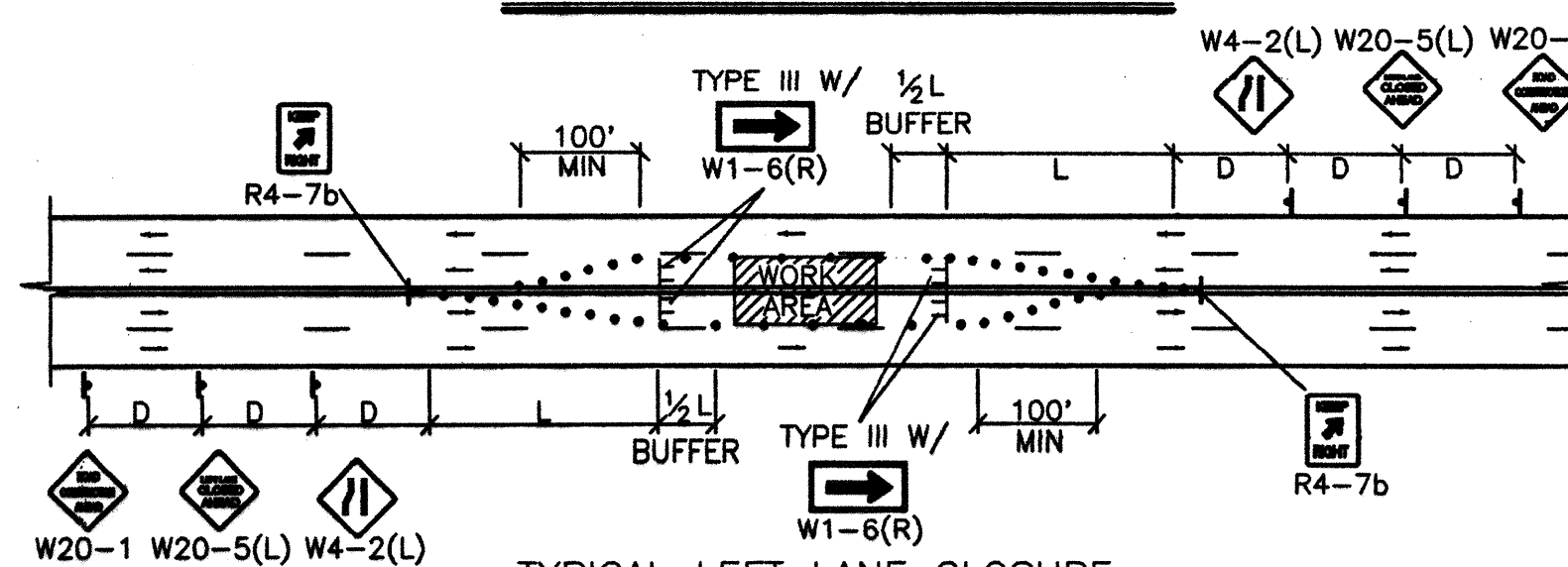
SPEED LIMIT	L = WS ² / 60
40 MPH OR LESS	L = WS ² / 60
40 MPH OR GREATER	L = W x S

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: OPEN SPACE VISITOR CENTER ACCESS ROAD, PHASE II TRAFFIC CONTROL
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

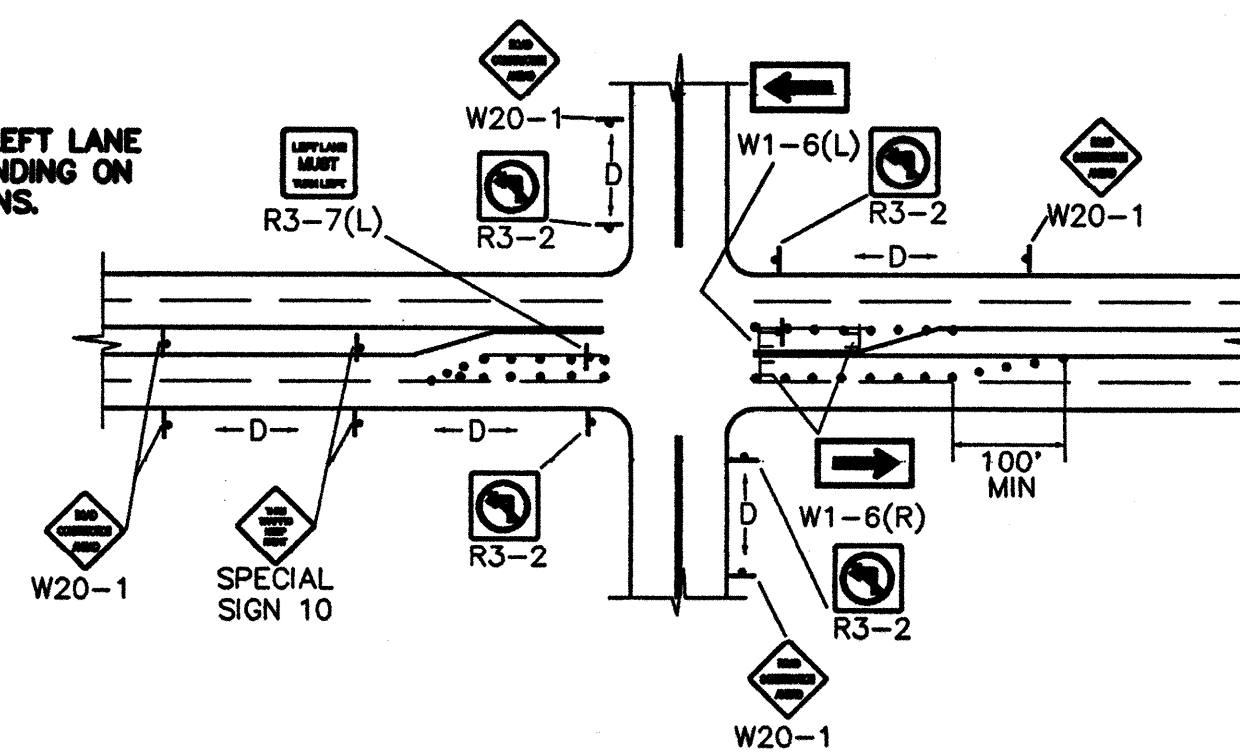
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
C.O.A.	STD.		
CITY PROJECT NO.	612005	ZONE MAP NO.	D-13
		SHEET	8 OF 9



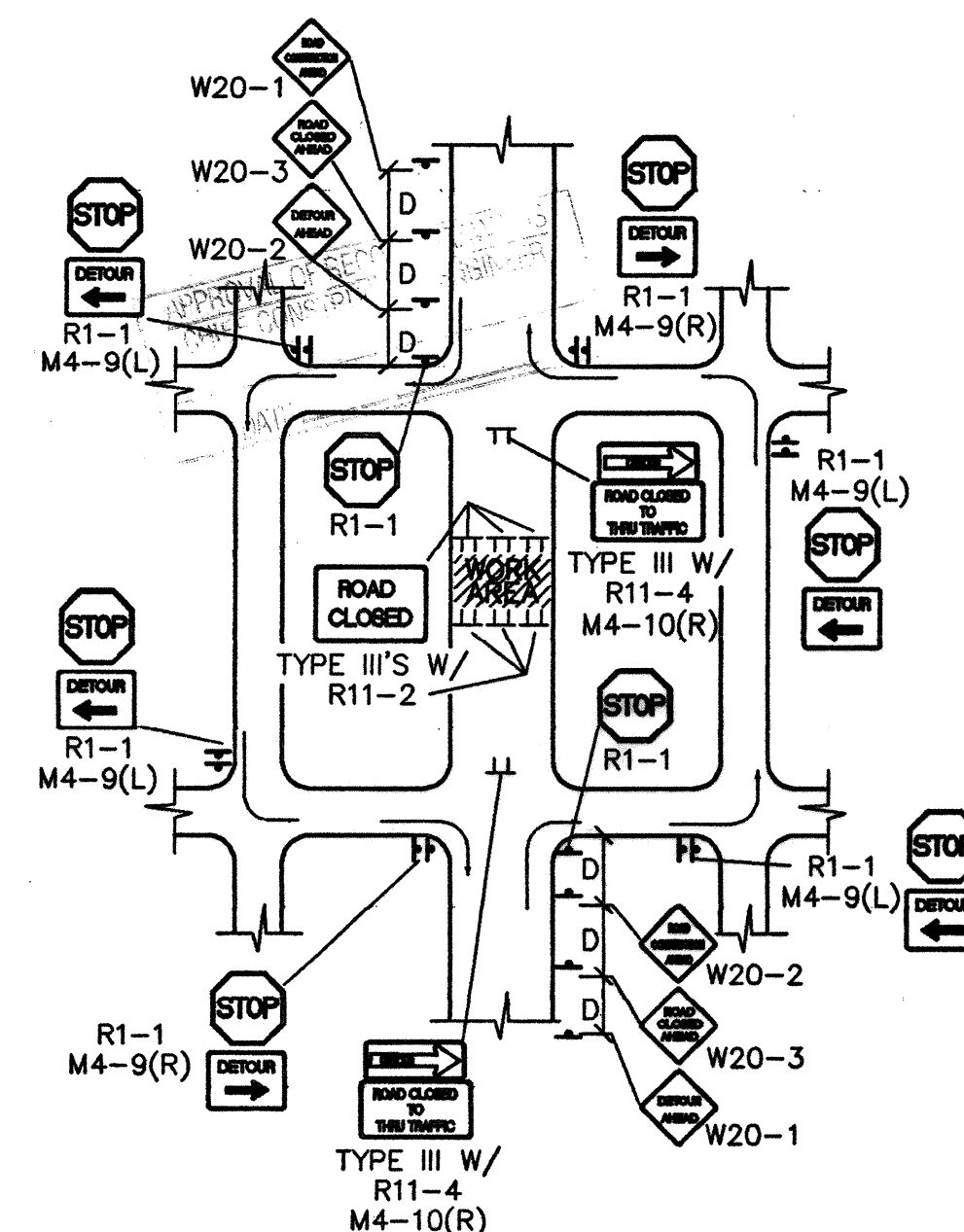
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

⚠ ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

NOTE:
MAY REQUIRE LEFT LANE
CLOSURE DEPENDING ON
FIELD CONDITIONS.

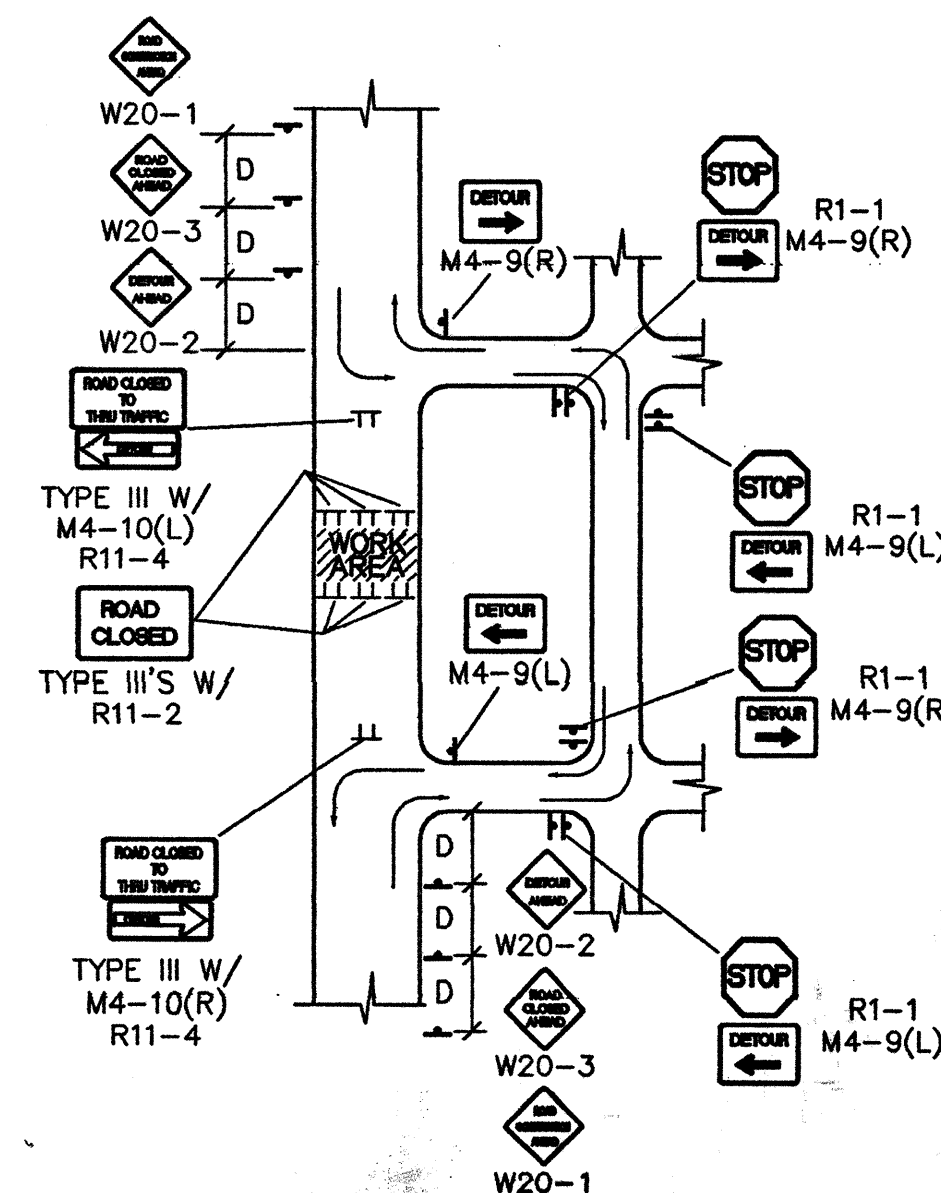


TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION.



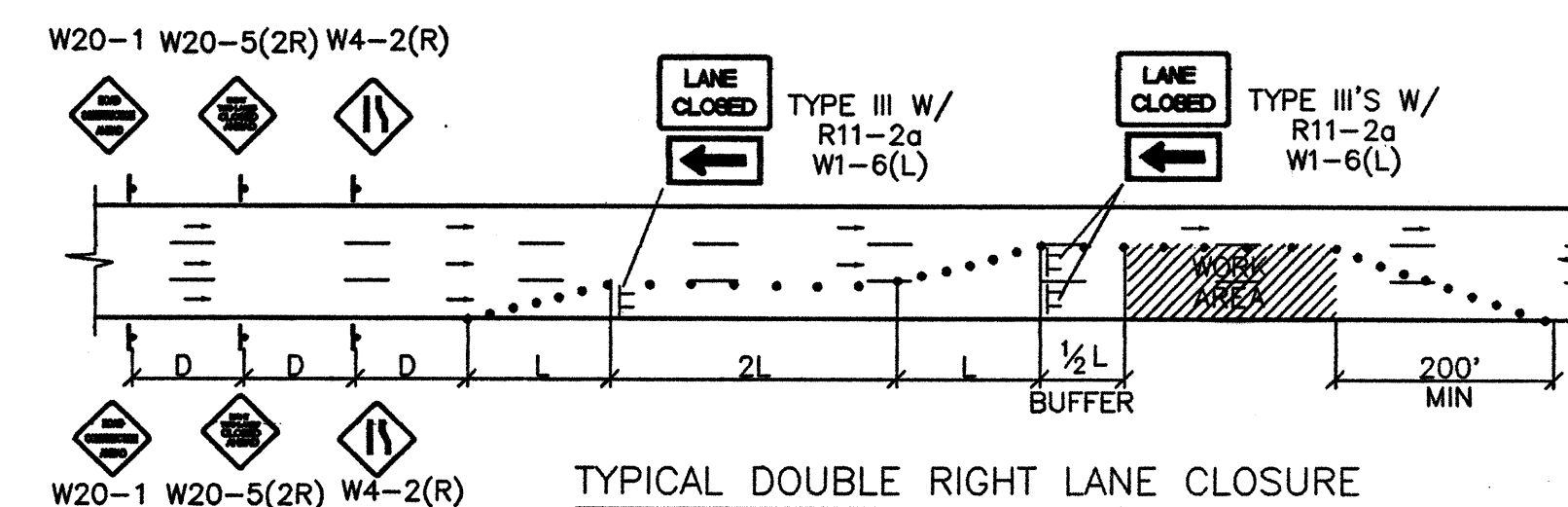
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

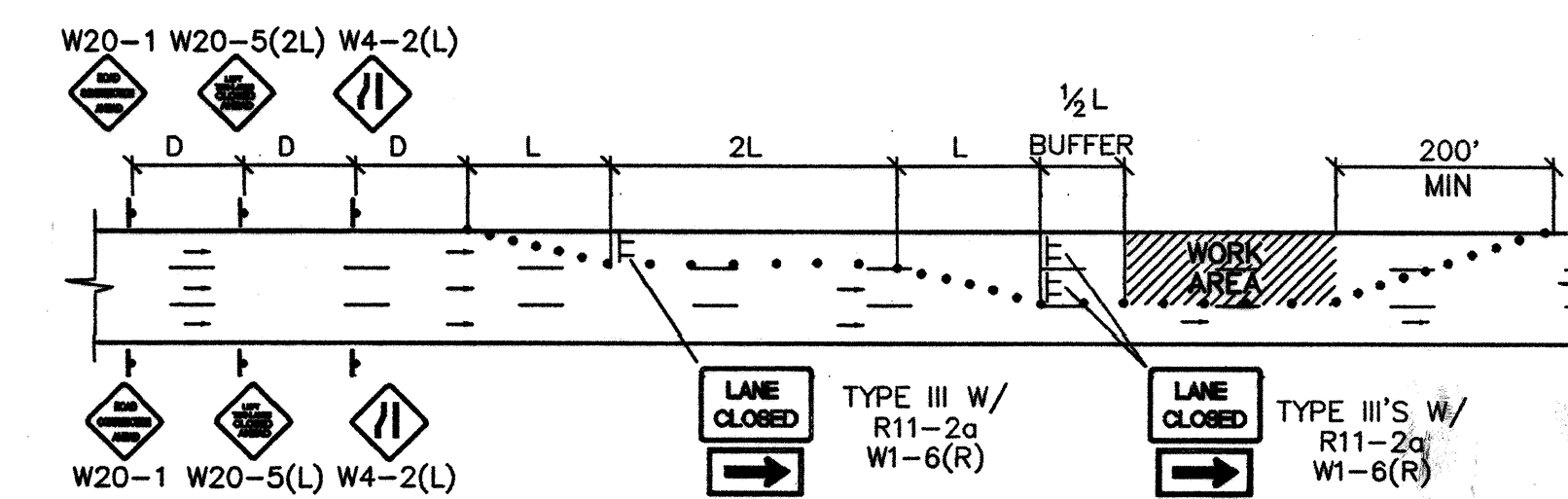


TYPICAL STREET CLOSURE

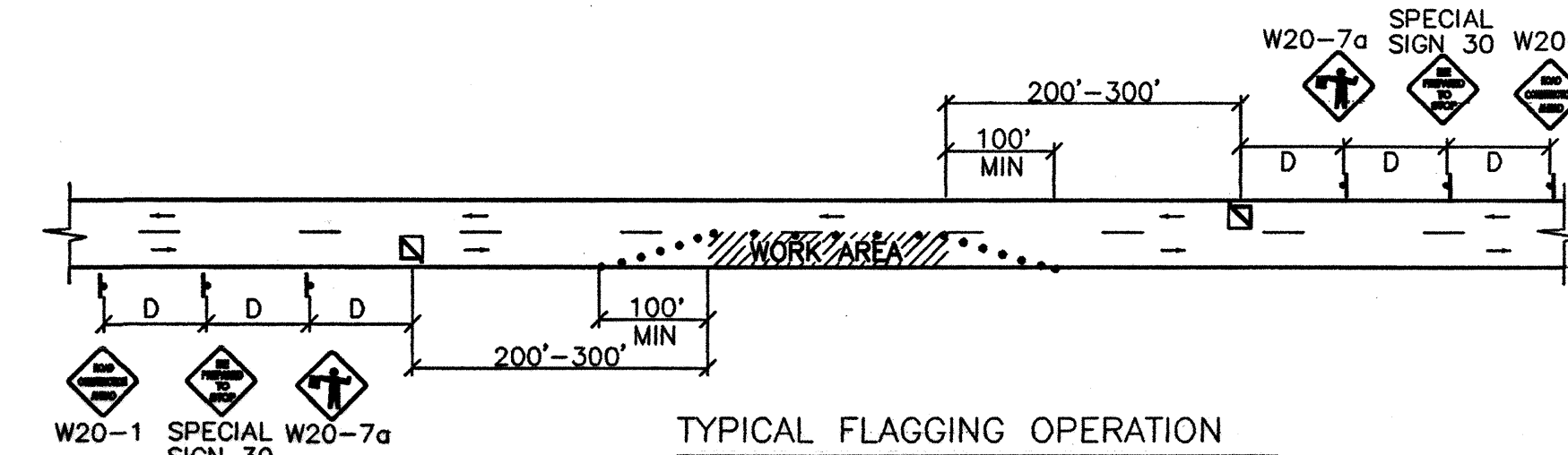
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



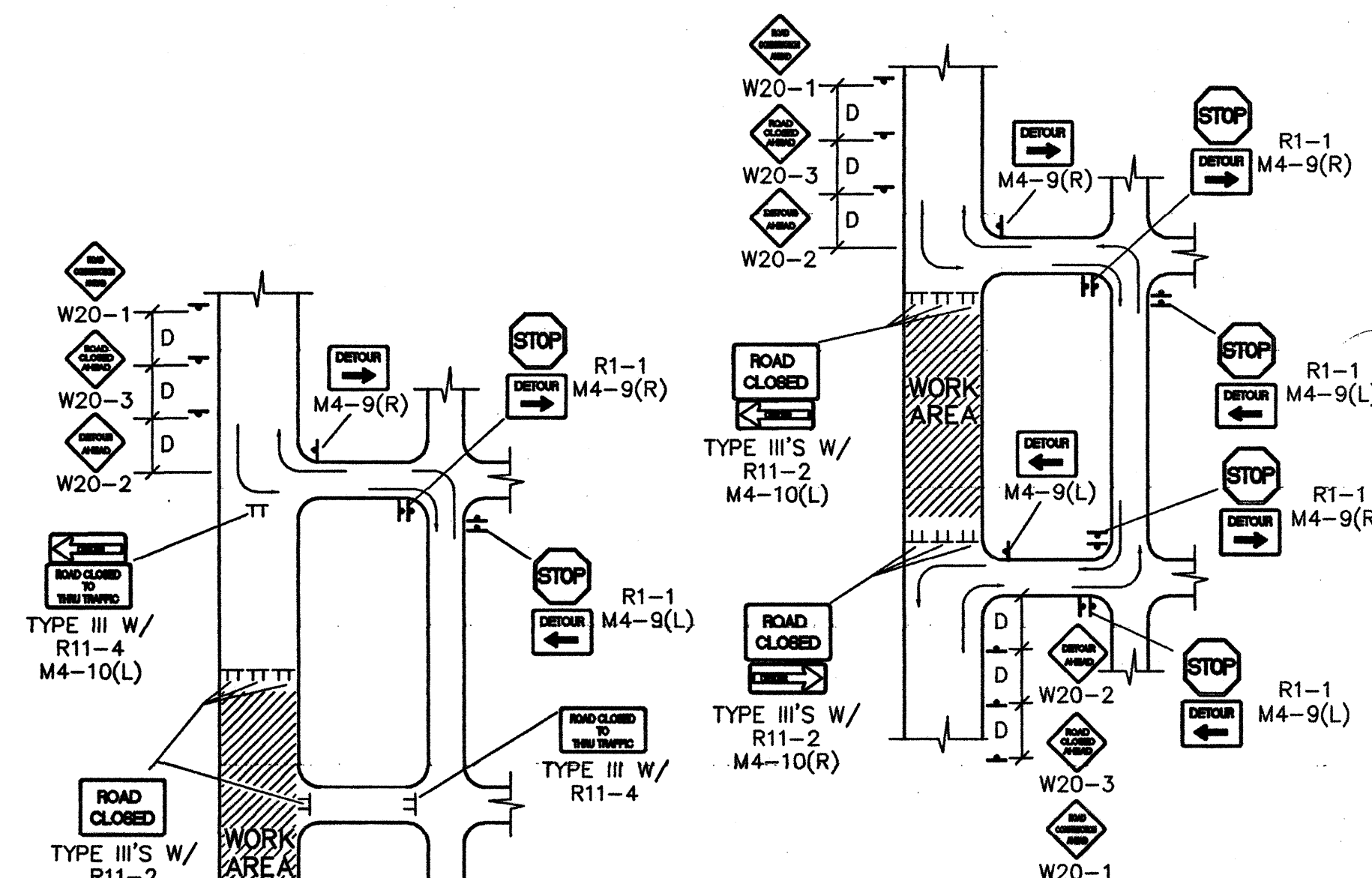
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

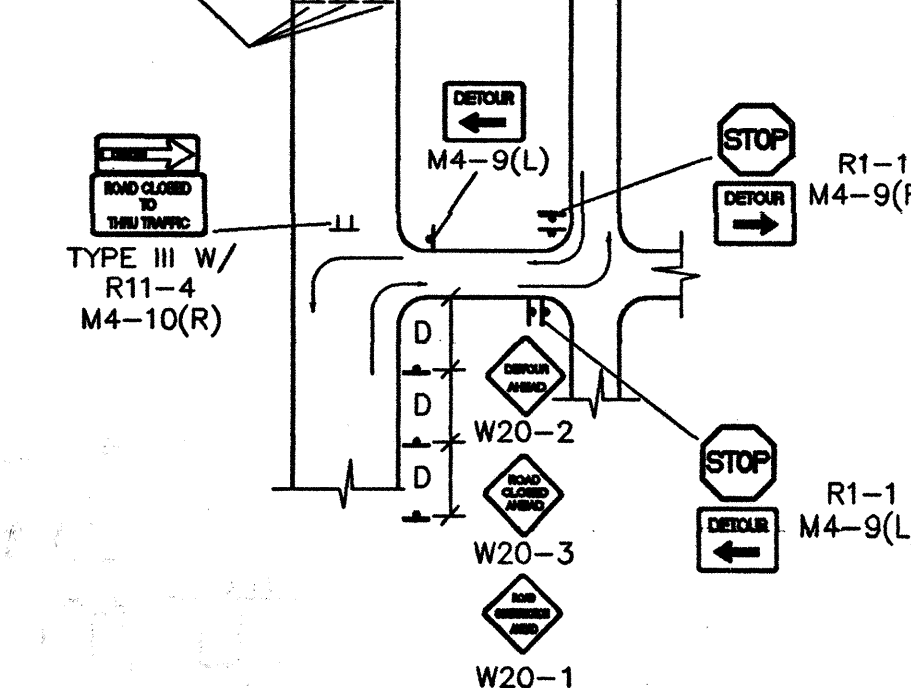


TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

[illegible]