

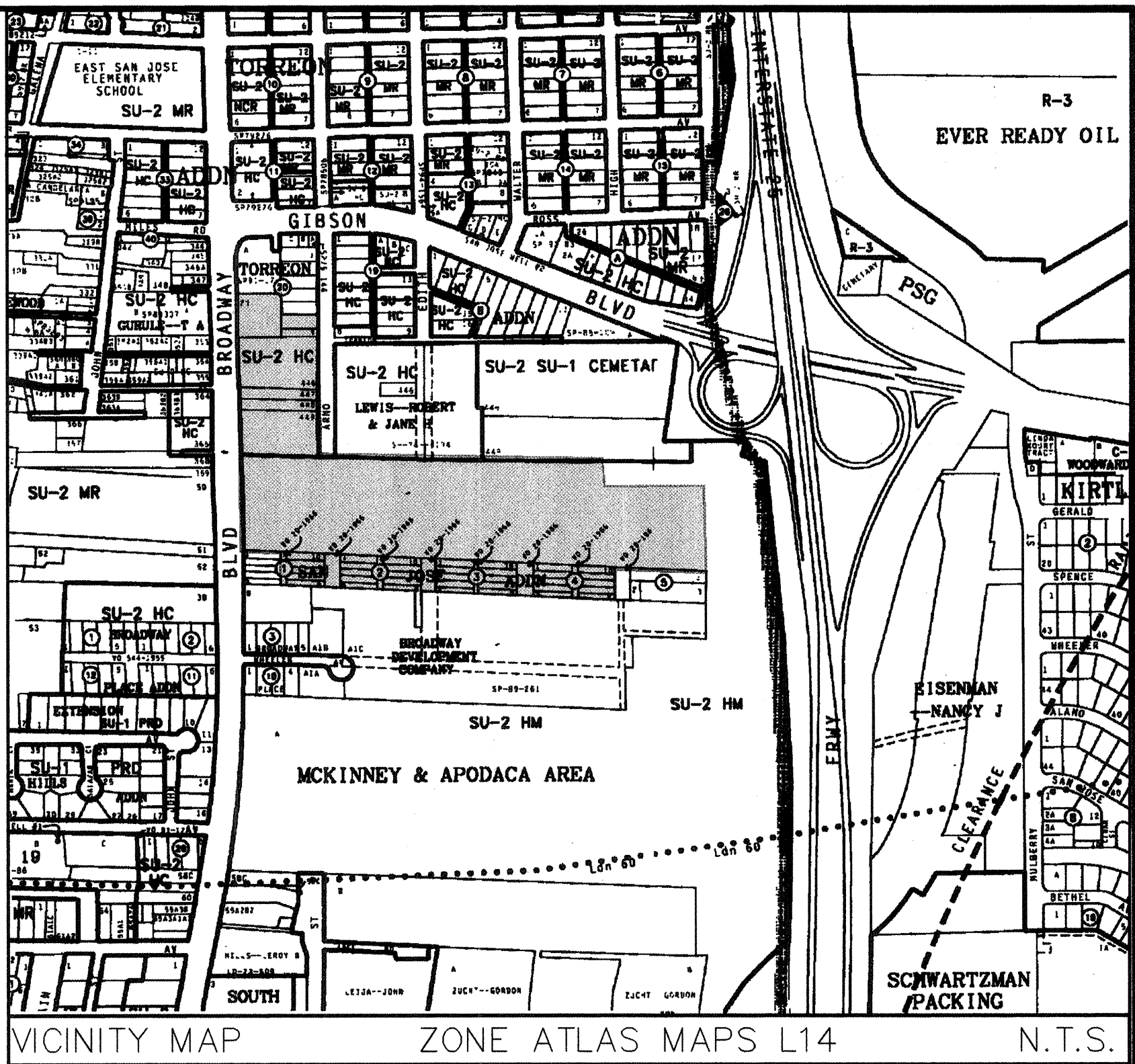
BERNALILLO COUNTY PUBLIC WORKS 2400 BROADWAY SE COMPLEX

MEDIAN TURNBAY & WATER LINE ES-98-02 GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION AS AMENDED AND @ NMSH&TD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, LATEST EDITION AS AMENDED. IN THE EVENT OF A CONFLICT IN THE CITED SPECIFICATIONS THE COA STANDARD SPECIFICATIONS SHALL GOVERN.
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY. SEE NOTE 17.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.
5. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR ALL SUPPORTING WORK SHALL BE INCIDENTAL COSTS, AND NO SEPARATE PAYMENT WILL BE ALLOWED.
6. CONSTRUCTION OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR A DAY CONSTRUCTION.
7. CONTRACTOR SHALL CONDUCT OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 (CONSTRUCTION TRAFFIC CONTROL) OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION AS AMENDED.
8. PROPOSED WATERLINE MATERIALS SHALL BE EITHER P.V.C. PIPE MEETING AWWA C900 REQUIREMENTS (6" AND 8" DIAM.) OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (12" DIAM.).
9. THE CONTRACTOR AGREES THAT IT SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & 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.

10. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CITY OF ALBUQUERQUE BARRICADE ENGINEER (768-2551) PRIOR TO WORK ON ANY STREETS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, WHEELCHAIR RAMPS AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE ANY DAMAGE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.
11. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY EXCAVATED MATERIAL DEPOSITED OUTSIDE THE LIMITS OF CONSTRUCTION SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED OUT OF THE CONSTRUCTION ZONE.
12. 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 RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN OBTAINED AND RECORDED.
13. EXISTING PAVEMENT, CURB AND GUTTER NOT CALLED OUT TO BE REMOVED UNDER THE CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
14. ALL FITTINGS ON WATERLINES SHALL HAVE JOINT RESTRAINTS IN ACCORDANCE WITH THE JOINT RESTRAINT LENGTHS SHOWN ON THE PLANS, AND WILL HAVE LOCKED MECHANICAL JOINTS.
15. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING MONUMENTATION CONTROLS. IN THE EVENT OF INADVERTENT DESTRUCTION OR ALTERATION, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY CHIEF SURVEYOR.
16. PNM (PUBLIC SERVICE CO. OF NEW MEXICO) WILL PROVIDE AT NO COST TO THE CITY OR TO THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.

17. ** WARNING ** - EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING THE LINE LOCATING SERVICE (SEE NOTE 4), OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.



INDEX

1. COVER SHEET & GENERAL NOTES
2. TURNING LANE PLAN
3. ARNO ST. WATERLINE
4. BROADWAY BLVD. FIRE HYDRANT
5. TRAFFIC CONTROL PLAN
6. TRAFFIC CONTROL DETAILS
7. TRAFFIC CONTROL DETAILS

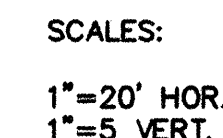
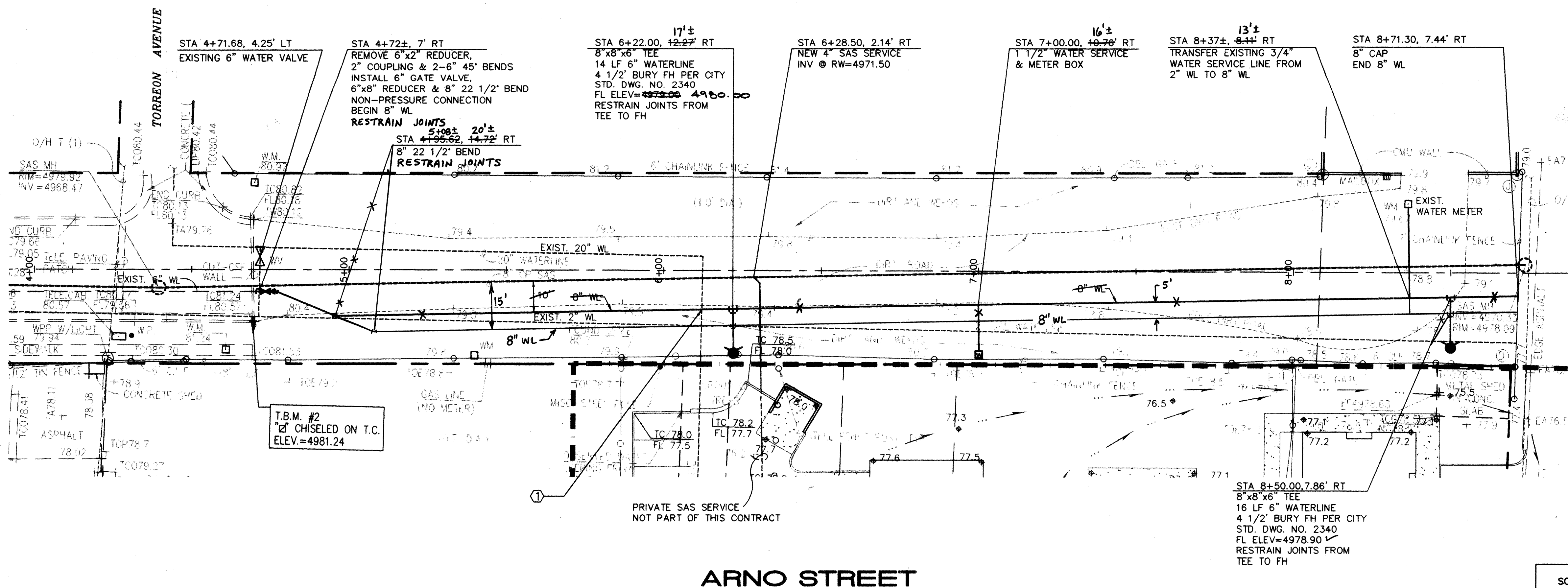
APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Edy Chang
DATE 6/4/00

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
1720-B Randolph Rd. SE • Albuquerque, New Mexico 87106
Telephone: (505) 243-7300 • Fax: (505) 243-7400 • E-mail: rti@mta.com
CIVIL • ENVIRONMENTAL • WATER RESOURCES • RECREATION • PLANNING

I, ELYDIO V. DINIZ CERTIFY THAT
THE DRAWING OF THE "AS-BUILT"
DIMENSIONS WAS DONE UNDER
MY SUPERVISION
EVD
12/19/01

Edy Chang P.E.
PUBLIC WORKS DIVISION

REV.	SHEET	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		<i>Elydin</i>		5/17/00	
		Transportation		<i>Edy Chang</i>		2/29/00	
		Water/Wastewater		<i>Edy Chang</i>		3/29/00	
		Hydrology		<i>Edy Chang</i>		3/29/00	
		CIP		<i>Edy Chang</i>		3/29/00	
		Const. Mngmt.		<i>Edy Chang</i>		3/29/00	
		Const. Coord.		<i>Edy Chang</i>		3/29/00	
		City Project No.		634481			
		City Engineer		<i>Edy Chang</i>		8/8/00	
		Sheet		1		Of 7	



THE CONTRACTOR SHALL CONTACT WATER SYSTEM DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO SHUT-OFF OR TURN-ON AT VALVES. ONLY CITY PERSONNEL ARE ALLOWED TO OPERATE VALVES.

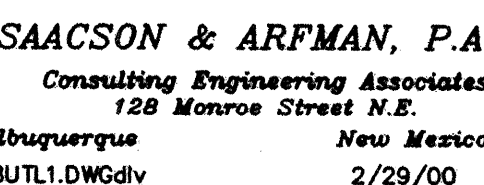
KEYED CONSTRUCTION NOTE

1. CONTRACTOR SHALL EXPOSE 20" WATERLINE AND VERIFY DEPTH PRIOR TO TRENCHING FOR 8" WATERLINE. CONTRACTOR SHALL NOTIFY ENGINEER IF DEPTH IS DIFFERENT THAN SHOWN ON THE PLAN IN ORDER TO AVOID VERTICAL BENDS IN 8" WATERLINE.

RECORD DRAWING

WARNING

This is part of a record document. Record documents are based on reports submitted by others. Engineers cannot assure nor assume any responsibility or liability for the accuracy of record documents. Users of record documents are cautioned and advised to obtain independent verification of actual conditions.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 2400 BROADWAY SE COMPLEX
ARNO STREET WATERLINE

Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.	
City Project No.		Zone Map No.		Sheet	Of			
6344.81		L-14		3	7			

SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION
1	JEFF MORTENSEN	ACS 3 1/4" ALUMINUM CAP STAMPED "13-114, 1987" SET FLUSH WITH THE CONCRETE CURB APPROXIMATELY 42.5 FEET SOUTH OF THE INTERSECTION OF GIBSON BLVD, SE AND BROADWAY BLVD, SE. ELEVATION = 4988.26 FEET (MSLD)	CONTRACTOR TLC WORK STARTED BY TLC DATE 3-01 POSTED BY COA DATE 4-01 FIELD VERIFICATION BY COA DATE 10-01 CORRECTED BY IFA DATE 11-01 MICRO-FILM INFORMATION RECORDED BY DATE NO.





LEGEND

- 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		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM BETWEEN SIGNS	DISTANCE IN FEET 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

<u>SPEED LIMIT</u>	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

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

RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS

THIS TABLE IS BASED UPON THE FOLLOWING CRITERIA:

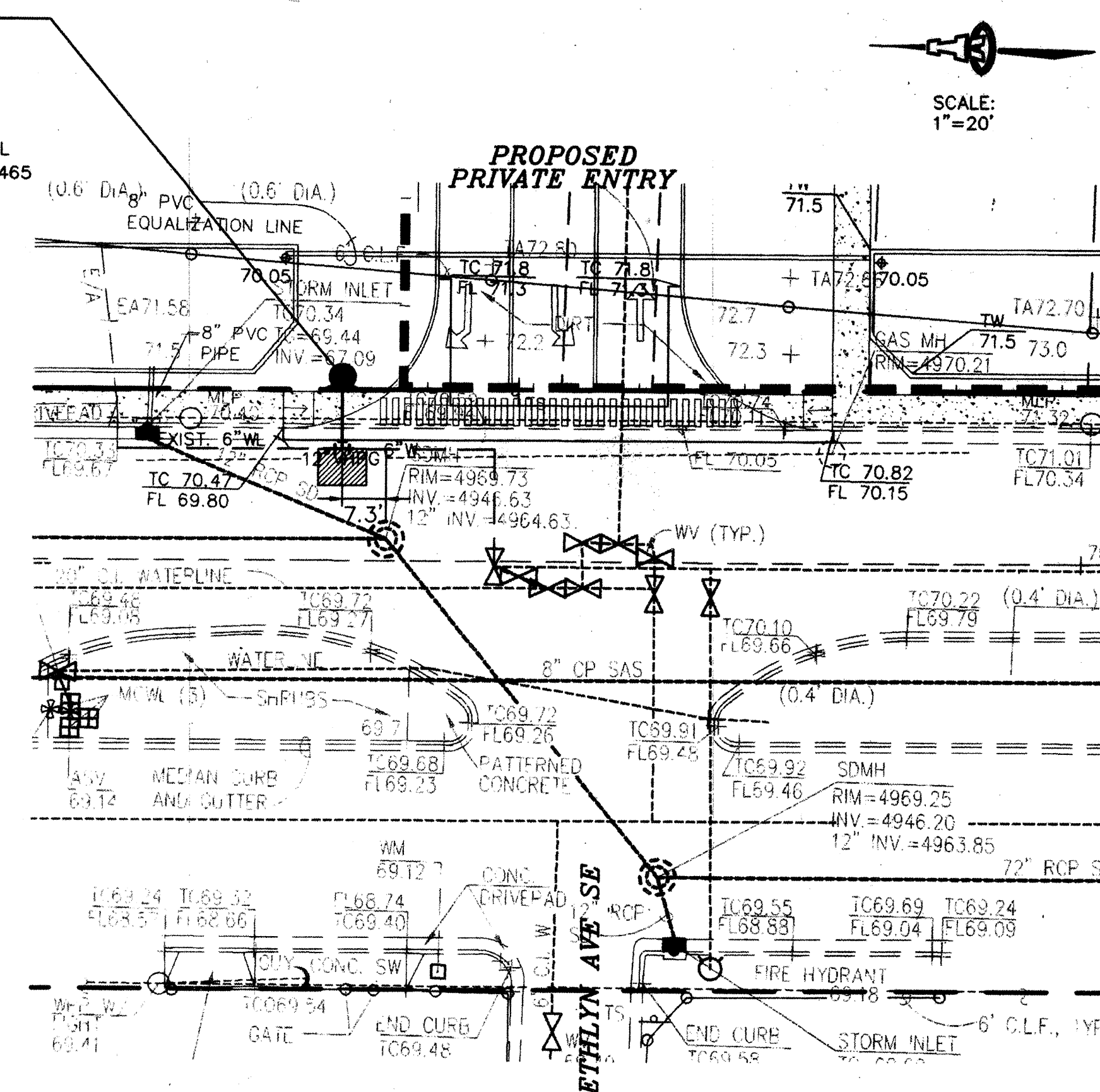
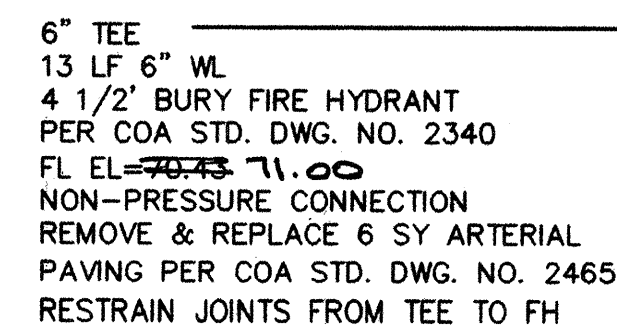
DEPTH OF BURY	3.0 FT. MINIMUM
FACTOR OF SAFETY	1.25
MATERIAL	PVC PIPE
SOIL TYPE:	GM/SM - SILTY GRAVELS AND SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.
TEST PRESSURE	150 PSI
TRENCH TYPE 4:	PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL COMPACTED TO TOP OF PIPE.

DIFFERENT CRITERIA, E.G., DUCTILE IRON PIPE, GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY THE PUBLIC WORKS DEPARTMENT.

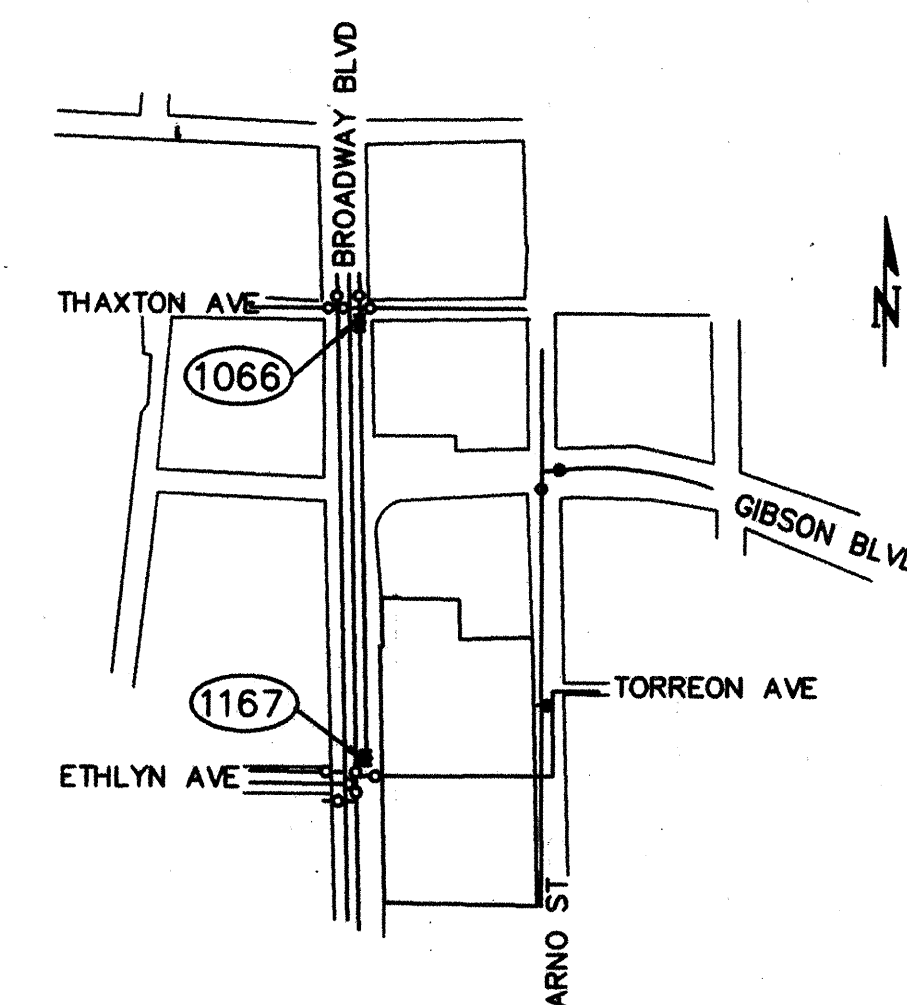
RESTRAINED JOINT LENGTHS, L _r , FOR TEES, (FT.) ALL JOINTS AT THE TEE MUST BE RESTRAINED			
SIZE	RUN	BRANCH	
12x12x12	15	17	
12x12x10	10	18	
12x12x8	6	19	
12x12x6	3	19	
12x12x4	1	19	
10x10x10	12	18	
10x10x8	8	15	
10x10x6	4	16	
10x10x4	2	4	
8x8x8	9	20	
8x8x6	5	17	
8x8x4	2	15	
6x6x6	6	20	
6x6x4	2	20	

RESTRAINED JOINT LENGTHS, L _T , FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)					
SIZE	HORZ. BENDS				VALVES DEAD ENDS
	90°	45°	22 1/2°	11 1/4°	
12	30	12	6	3	85
10	28	11	5	3	72
8	22	9	4	2	60
6	17	7	3	2	46
4	12	5	3	1	32

RESTRAINED JOINT LENGTHS, L_r , FOR REDUCERS, (FT.) MINIMUM UNOBSTRUCTED, STRAIGHT-RUN LENGTH RESTRAIN EITHER LARGE PIPE, OR SMALL PIPE.					
SIZE	LARGE SIDE	SMALL SIDE	SIZE	LARGE SIDE	SMALL SIDE
12x10	25	30	10x6	44	73
12x8	45	68	10x4	58	141
12x6	62	101	8x6	25	33
12x4	74	213	8x4	43	83
10x8	74	30	6x4	24	35



BROADWAY BLVD FIRE HYDRANT



OPERATE WATER VALVE NOS. 1066 & 1167
AS SHOWN IN BROADWAY BLVD.

WATER SHUT-OFF PLAN
NO SCALE

WATER SHUT-OFF PLAN NOTE

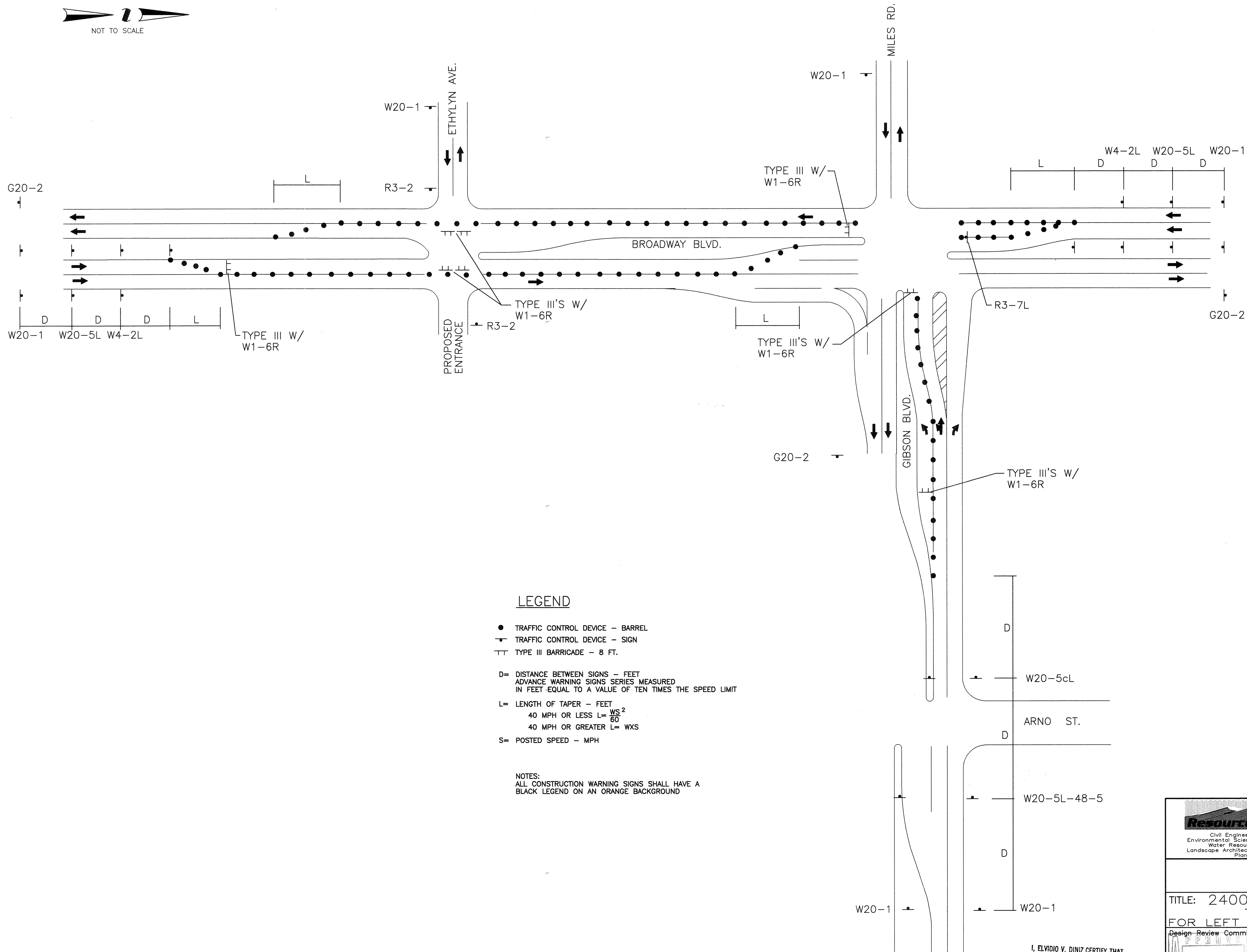
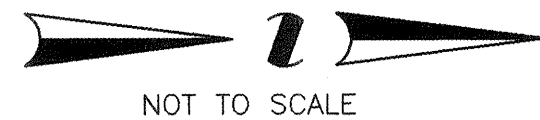
THE CONTRACTOR SHALL CONTACT WATER SYSTEM DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO SHUT-OFF OR TURN-ON AT VALVES. ONLY CITY PERSONNEL ARE ALLOWED TO OPERATE VALVES.

RECORDS MANAGEMENT

WARNING

This is part of a record document. Record documents are based on reports submitted by others. Evidentec cannot assure nor assume any responsibility or liability for the accuracy of record documents. Users of record documents are cautioned and advised to obtain independent verification of actual conditions.

[illegible]



LEGEND

- TRAFFIC CONTROL DEVICE - BARREL
- T TRAFFIC CONTROL DEVICE - SIGN
- TT TYPE III BARRICADE - 8 FT.
- D= DISTANCE BETWEEN SIGNS - FEET
ADVANCE WARNING SIGNS SERIES MEASURED
IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT
- L= LENGTH OF TAPER - FEET
40 MPH OR LESS $L = \frac{WS^2}{60}$
40 MPH OR GREATER $L = WXS$
- S= POSTED SPEED - MPH

NOTES:
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A
BLACK LEGEND ON AN ORANGE BACKGROUND

I, ELVIDIO V. DINIZ CERTIFY THAT
THE DRAWING OF THE "AS-BUILT"
DIMENSIONS WAS DONE UNDER
MY SUPERVISION.

SV
12/19/01



BERNALILLO COUNTY
PUBLIC WORKS DEPARTMENT

TITLE: 2400 BROADWAY SE COMPLEX
TRAFFIC CONTROL PLAN
FOR LEFT TURN LANE CONSTRUCTION ONLY

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED MAY 17 2000 DESIGN REVIEW COMMITTEE	APPROVED AUG - 8 2000 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of

634481

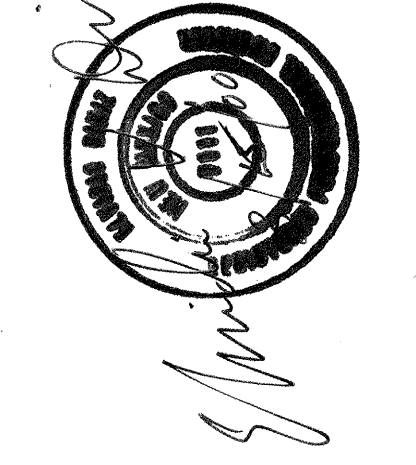
L-14

5 of 7

SURVEY INFORMATION

NO.	BY	DATE

ENGINEER'S SEAL



REVISIONS

NO.	DATE	REMARKS	BY

BENCH MARKS

INMHC BRASS TABLET "STA. M381-3"	
LOCATED 1.95 MILES SOUTH ON BROADWAY BLVD. FROM INTERSECTION OF	
CENTRAL AVE. AND BROADWAY BLVD. S.E. IN CENTER OF MEDIAN.	
ELEVATION=686.089	

AS BUILT INFORMATION

CONTRACTOR	DATE
INSPECTOR'S	DATE
FIELD	DATE
PERFORMANCE BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	NO.

C:\cstnd1.dwg 4-8-98 3:29:23 pm EST

- Ctctnd1.dwg 4-8-98 3:29:23 pm EST

- ### SIGN FACE DETAILS

 WORK AREA

- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

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

SPEED MILES PER HOUR	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

TYPE OF TAPER	TAPER LENGTH
---------------	--------------

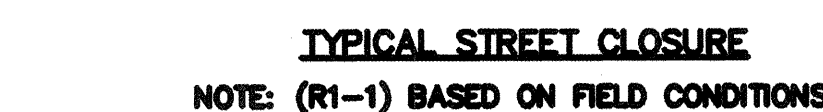
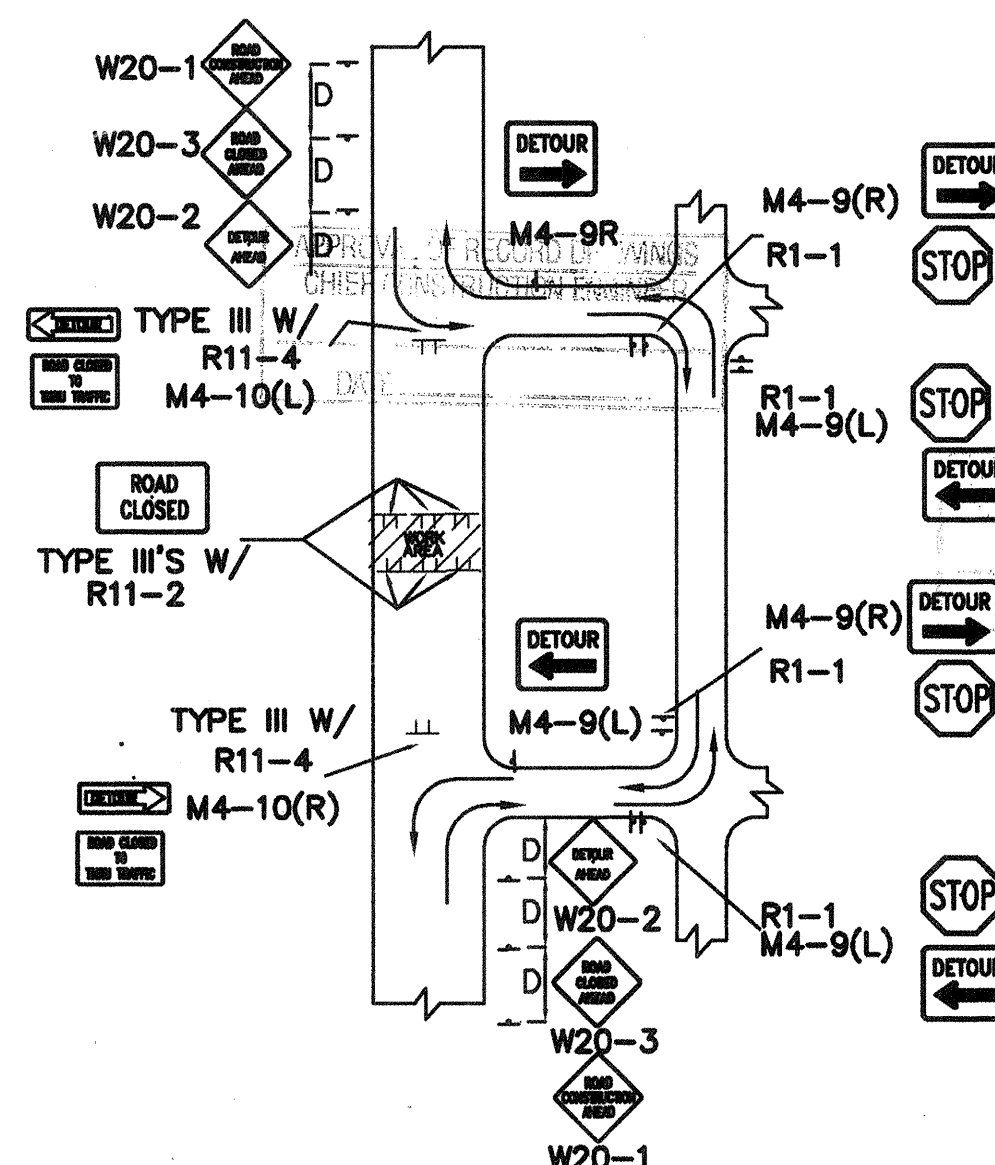
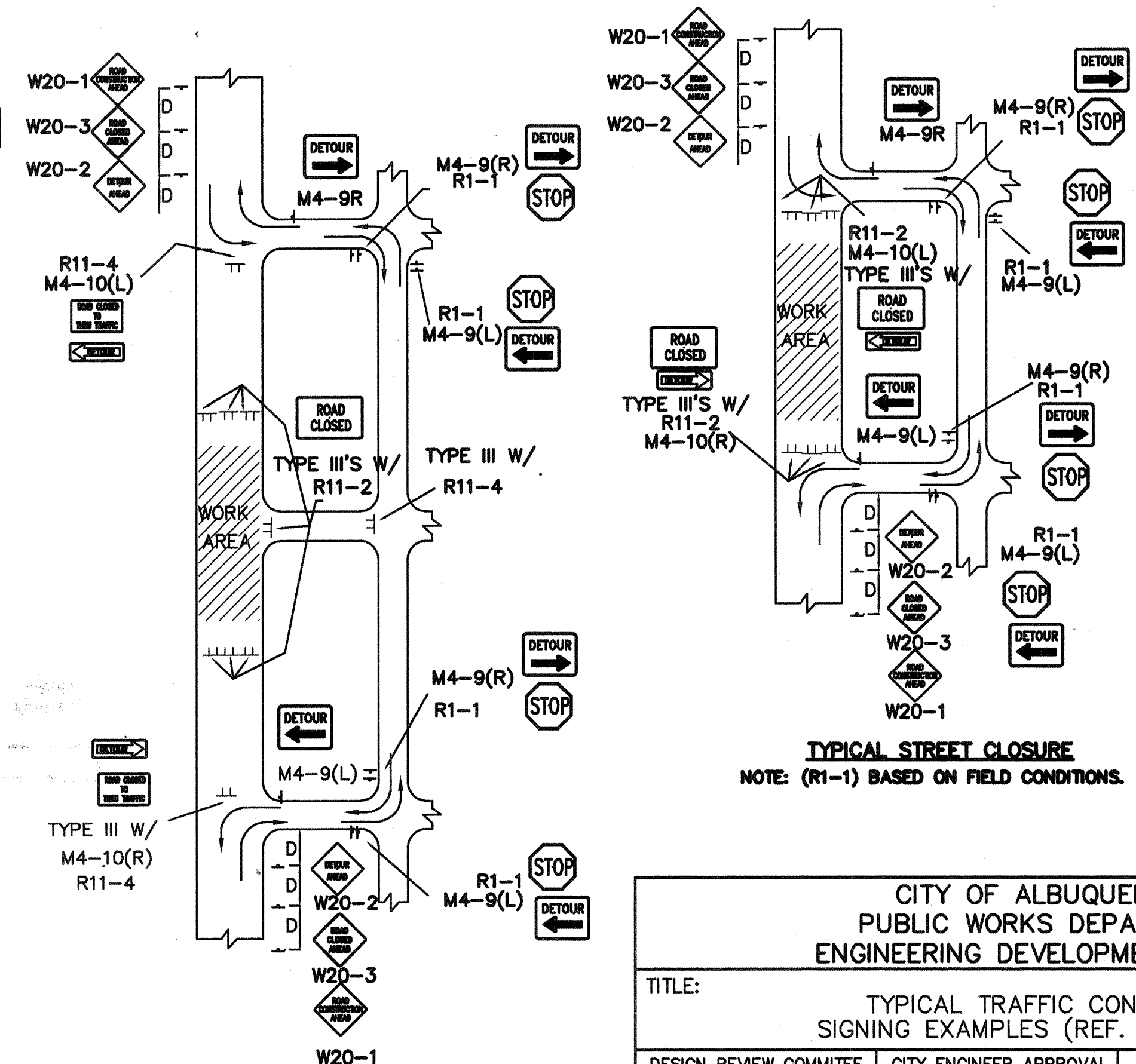
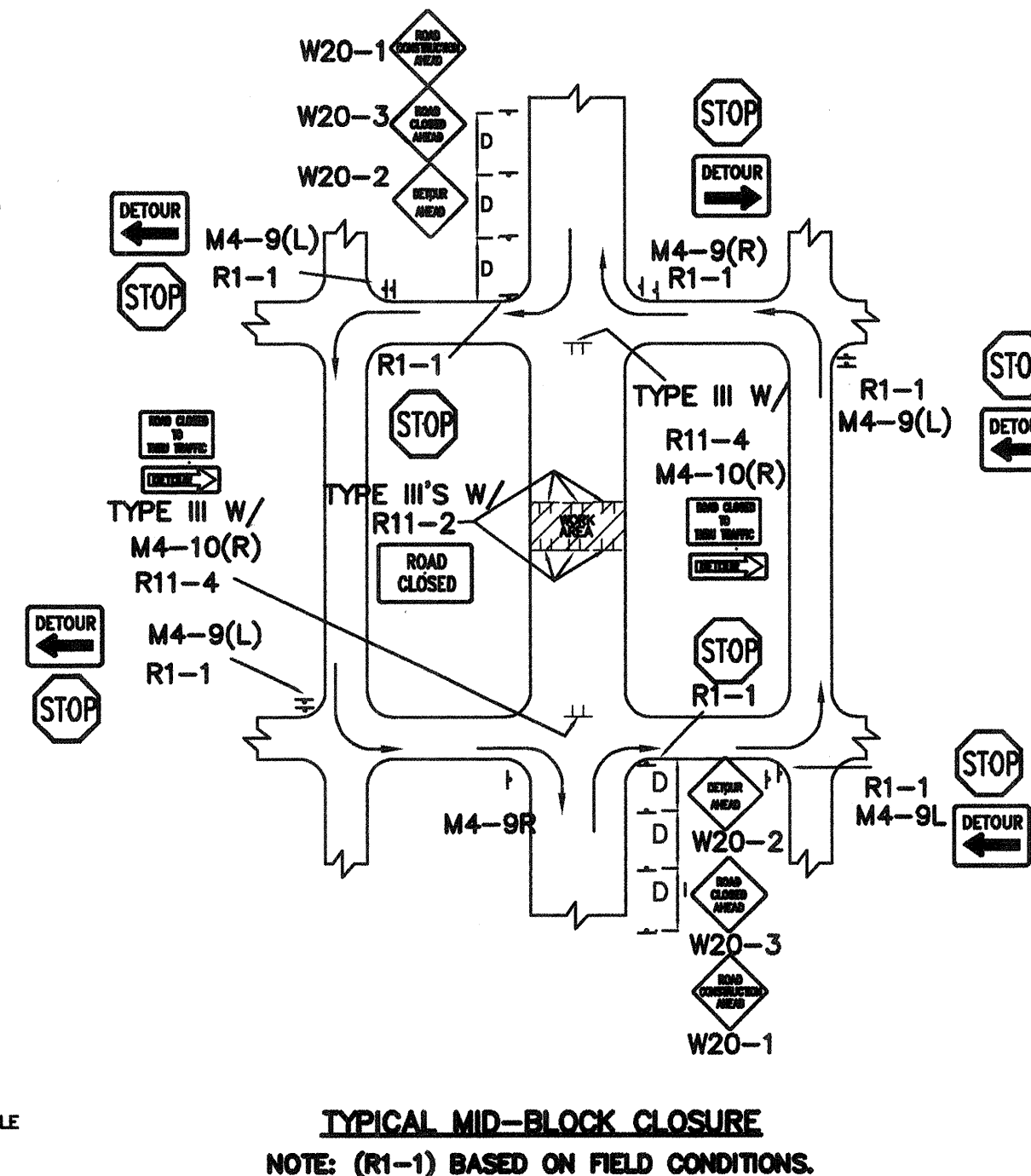
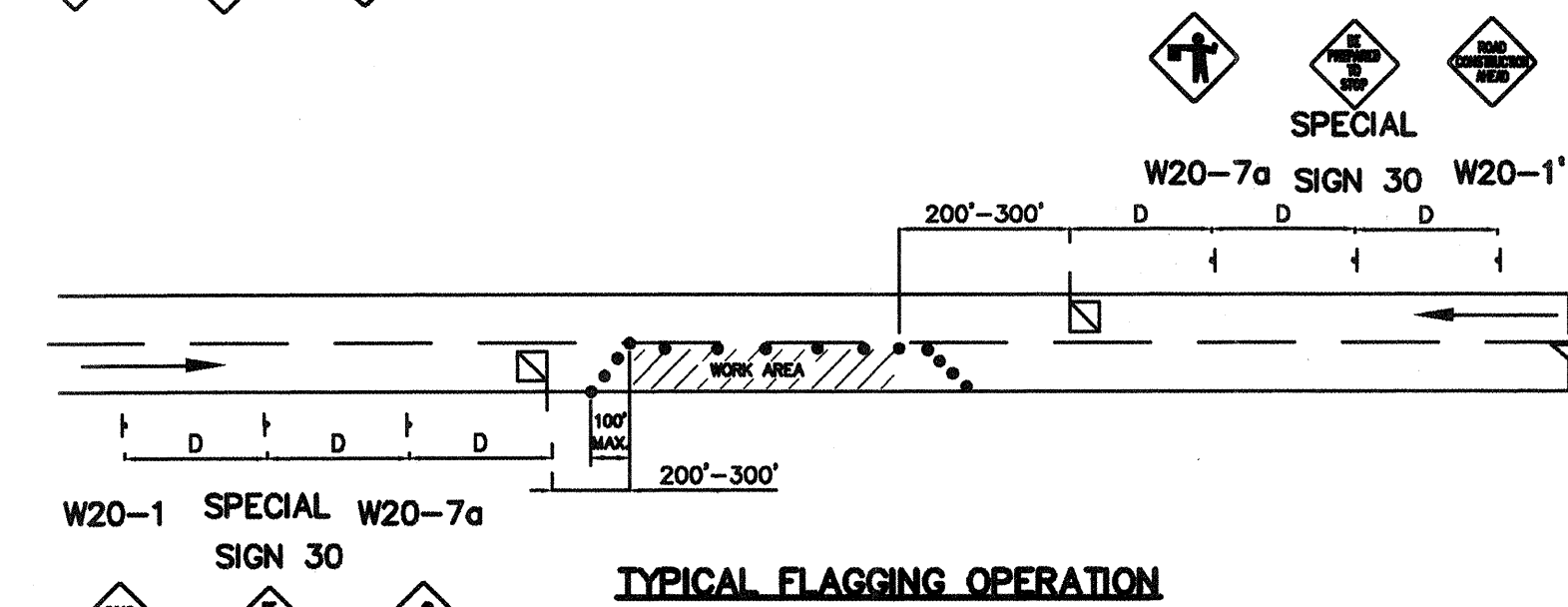
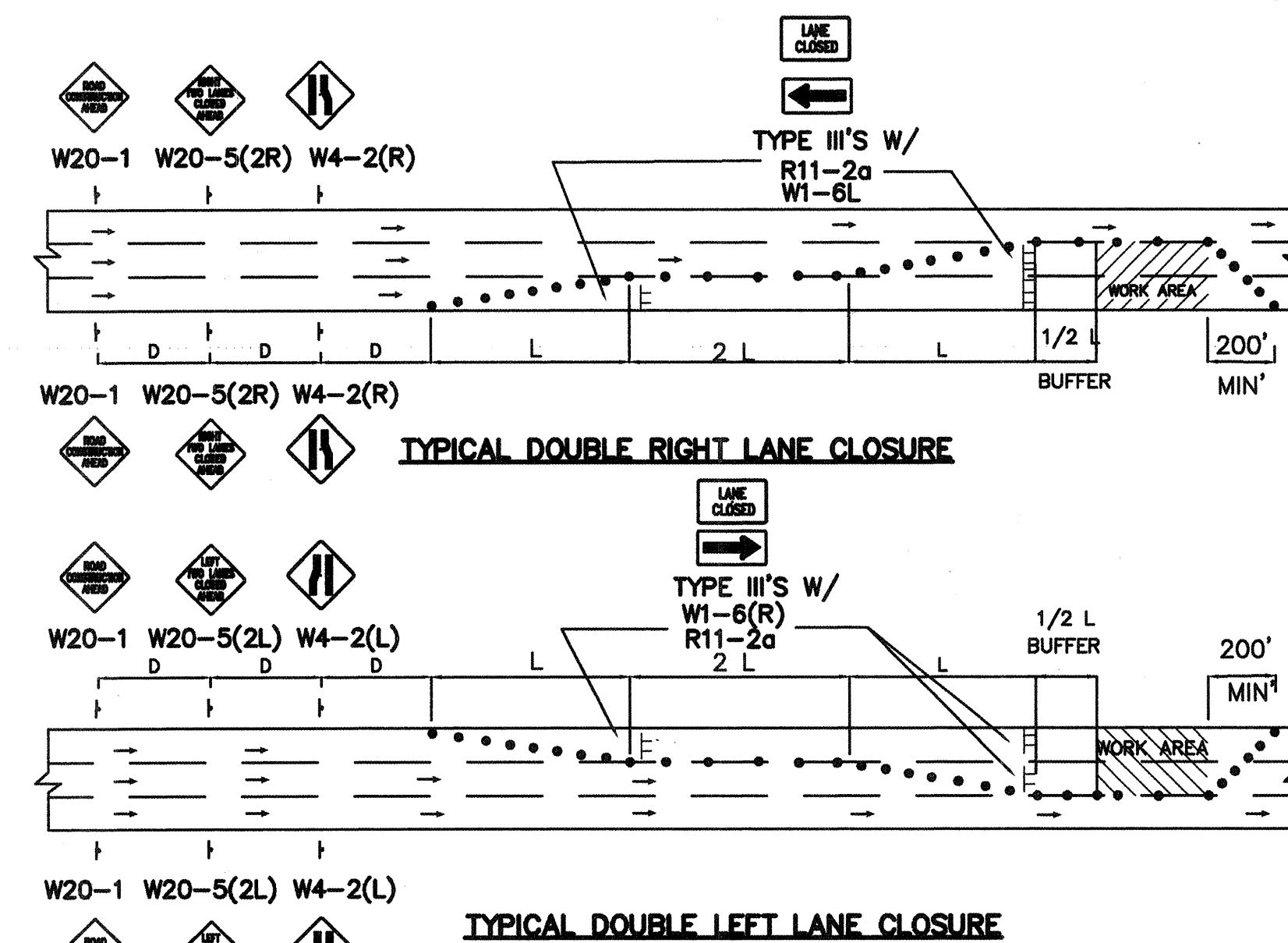
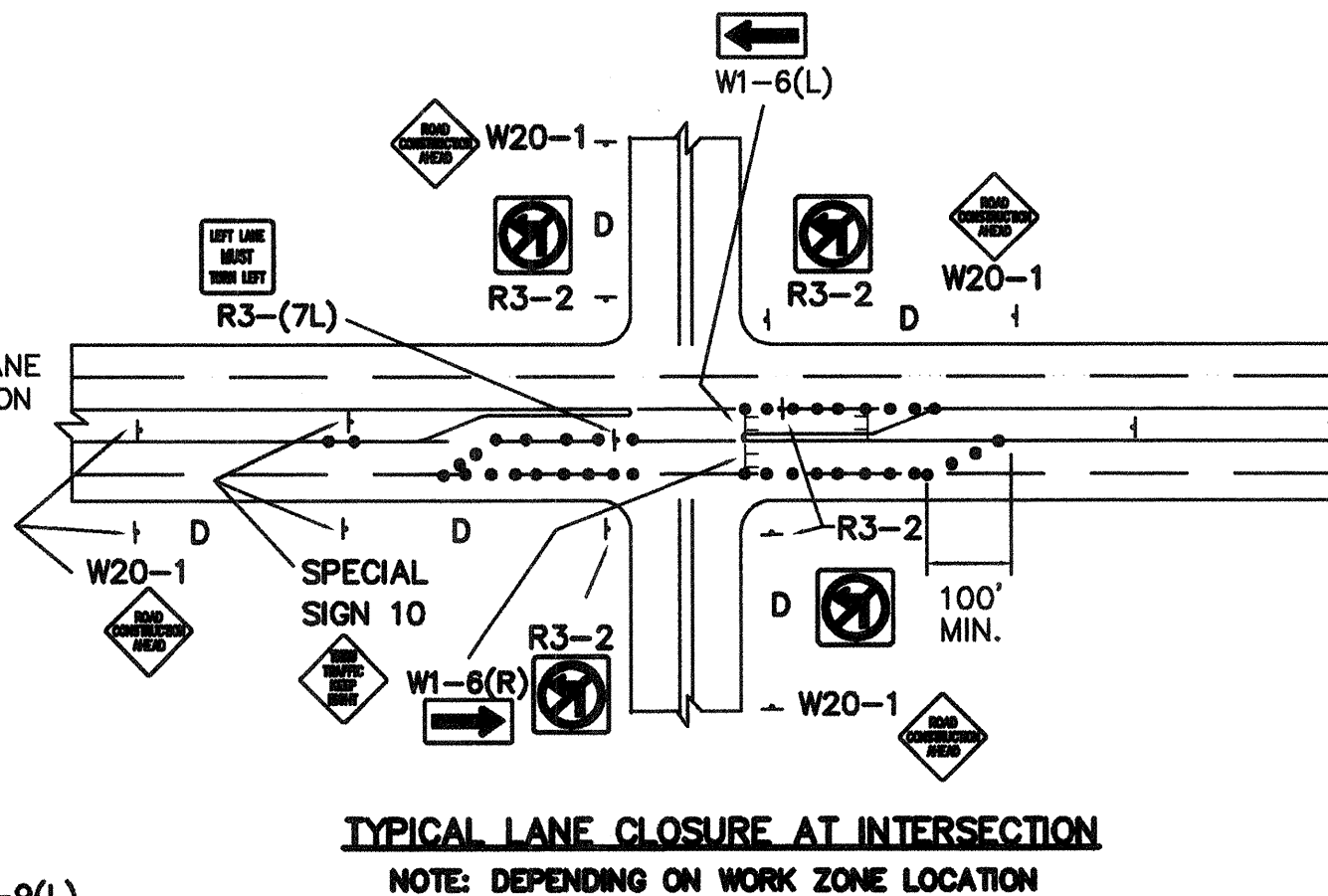
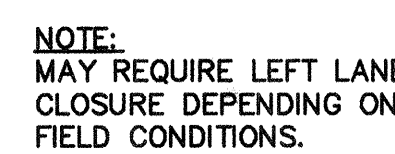
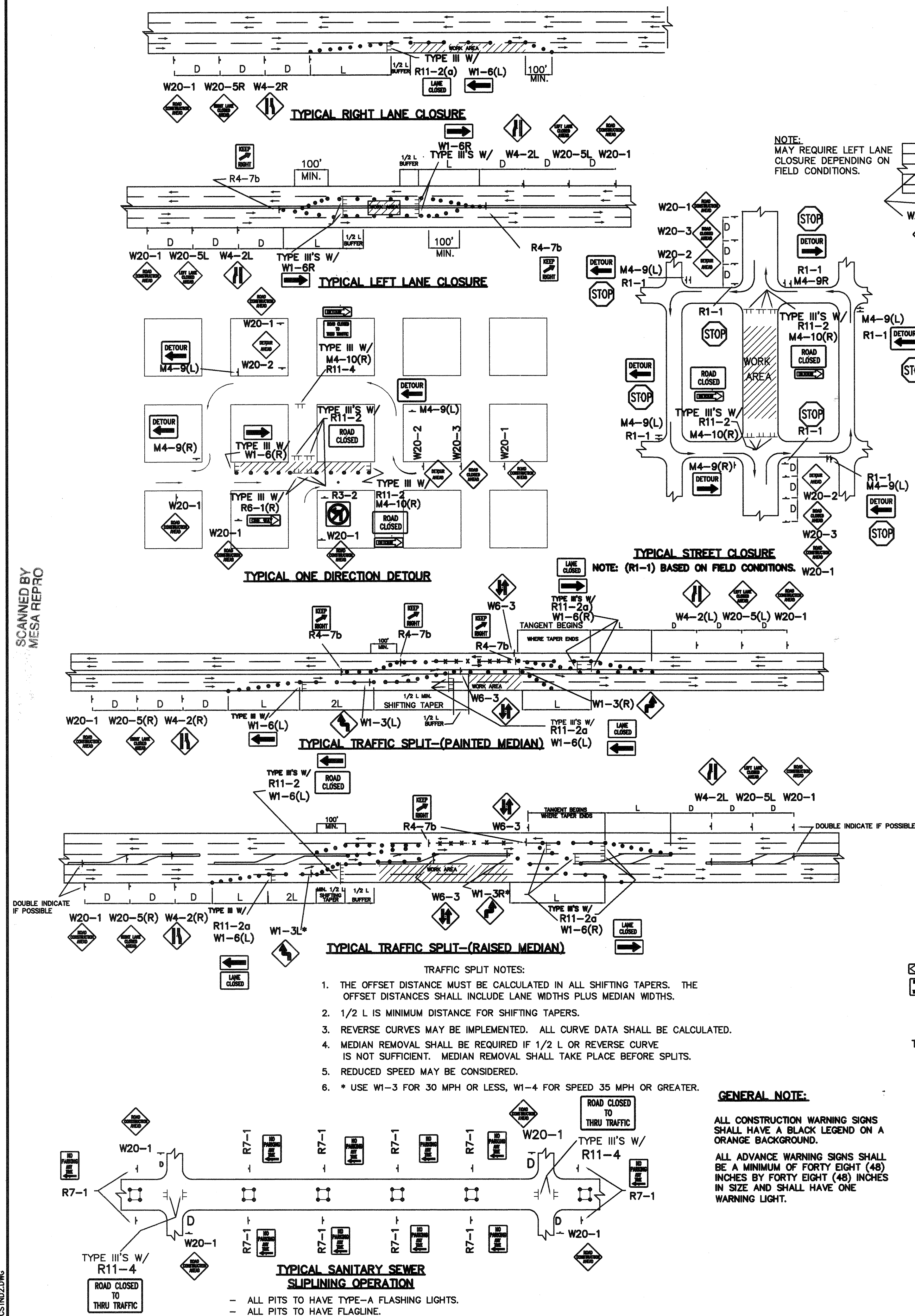
DOWNSTREAM TAPERS 100 FEET PER LANE

SPEED LIMIT

L = TAPER LENGTH

S = POSTED SPEED OR OFF-PEAK
85-PERCENTILE SPEED IN MPH

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP													
TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)													
DESIGN REVIEW COMMITTEE <div style="text-align: center; font-size: 2em; margin-top: 50px;">CON</div>	CITY ENGINEER APPROVAL <div style="text-align: center; font-size: 2em; margin-top: 50px;">SID</div>	LAST UPDATE	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px;">MO./DAY/YR.</th> <th style="width: 50%; padding: 5px;">MO./DAY/YR.</th> </tr> </thead> <tbody> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td></tr> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td></tr> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td></tr> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td></tr> </tbody> </table>	MO./DAY/YR.	MO./DAY/YR.								
MO./DAY/YR.	MO./DAY/YR.												
PROJECT NO.	MAP NO.	SHEET	OF 7										



- TRAFFIC SPLIT NOTES:
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
 2. $1/2$ L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
 3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
 4. MEDIAN REMOVAL SHALL BE REQUIRED IF $1/2$ L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
 5. REDUCED SPEED MAY BE CONSIDERED.
 6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.

GENERAL NOTE:

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

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

[illegible]