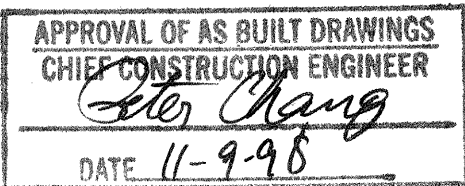


WATER LINE
SAN FRANCISCO DRIVE

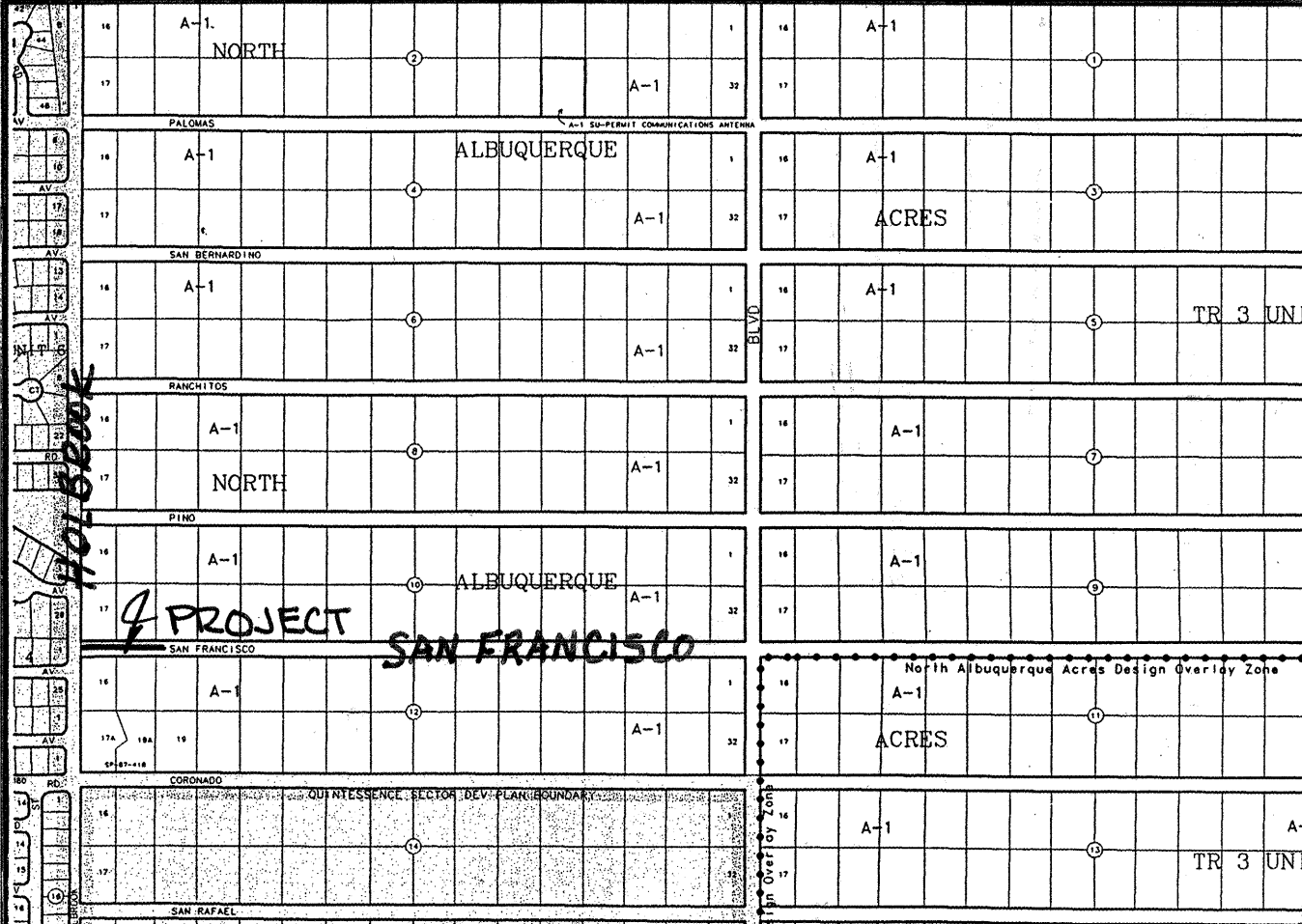
(FROM HOLBROOK TO 400 FEET EAST)

SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	WATER LINE PLAN AND PROFILE
3	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
4	TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES



VICINITY MAP NO. D-21



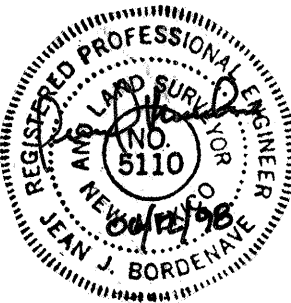
GENERAL NOTES

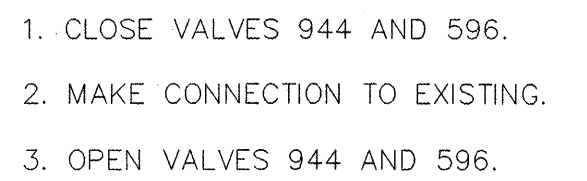
1. All work detailed on these plans to be performed under this contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the details and specifications of "City of Albuquerque Standard Specifications for Public Works Construction, 1986 Edition" as amended through update No. 6.
2. Two working days prior to any excavation, the Contractor shall contact the New Mexico One Call System, 260-1990, for location of existing lines.
3. Five working days prior to beginning construction the Contractor shall submit to the Construction Coordination Division a detailed construction schedule. Two working days prior to construction the Contractor shall obtain a barricading permit from the Construction Coordination Division. The Contractor shall notify the Barricade Engineer, 768-2551, prior to occupying any intersection. Refer to Section 19 of the Standard Specifications for the Construction Traffic Control requirements.
4. All street striping altered or destroyed shall be replaced with plastic reflectorized pavement markings by the Contractor. Striping shall be placed in the pre-construction location or as indicated by this plan set.
5. Stations shown on the plans are centerline of the proposed facility unless otherwise indicated.
6. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical location of all obstructions. Should a conflict exist, the Contractor shall notify the Engineer or Surveyor so that the conflict can be resolved with a minimum amount of delay.
7. Five working days in advance of any work on existing public water utilities the Contractor shall contact the Water Systems Division, 857-8200, for the execution of the Valve Shut-off Plan. Refer to Section 18 of the Standard Specifications.
8. The Contractor will not be allowed to use Class IV or V soils for embedment of flexible pipe. The Contractor will not be allowed to deflect joints in flexible pipe. Any deflections required to meet horizontal or vertical alignment will be achieved between joints.
9. Backfill compaction requirements shall be according to residential street use.
10. The Contractor shall assume responsibility for any damage to existing pavement, pavement markings, curb and gutter, driveways, wheel chair ramps and sidewalk during construction, apart from those sections indicated for removal on the plans; and shall repair or replace damaged items per City of Albuquerque standards at the Contractor's own expense.
11. Any work occurring within an arterial roadway requires a 24 hour construction schedule.
12. The Contractor shall maintain a graffiti-free work site. The Contractor shall promptly remove any and all graffiti from equipment, whether permanent or temporary.

BORDENAVE DESIGNS
P.O. BOX 91194, ALBUQUERQUE, NM 87199
(505) 823-1344

REV.	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
		APPROVAL	ENGINEER	DATE		APPROVED FOR CONSTRUCTION	
		DRC CHAIRMAN	<i>[Signature]</i>	6-26-98		<i>[Signature]</i>	
		TRANSPORTATION	- County -				
		WATER/WASTEWATER	R.W. Kane	6-18-98			
		HYDROLOGY	- County -				
		CIP					
		CONSTR. MNGMT.	<i>[Signature]</i>	6-5-98			
		CONSTR. COORD.					
		PROJECT NO.	591581			SHEET	OF
						1	4

APPROVED FOR CONSTRUCTION
[Signature] 6/18/98
BERNALILLO COUNTY DATE



[illegible]

7 October 1998
DATE

THOMAS W. PATRICK
N.M.P.S. NO. 12651
SOUTHWEST SURVEYING CO., INC. (505) 998-2803

TITLE
SAN FRANCISCO DRIVE WATER LINE

DESIGN REVIEW COMMITTEE

APPROVED

JUN 28 1996

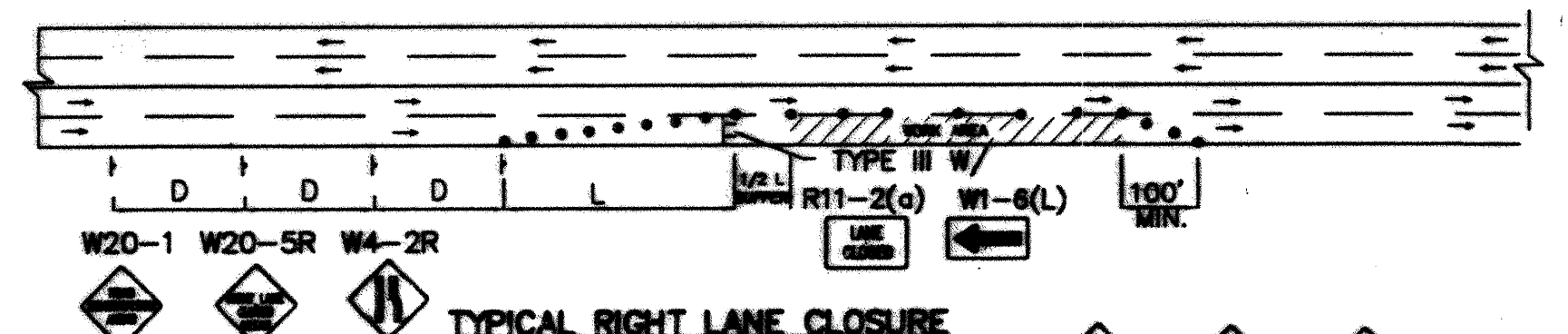
DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL

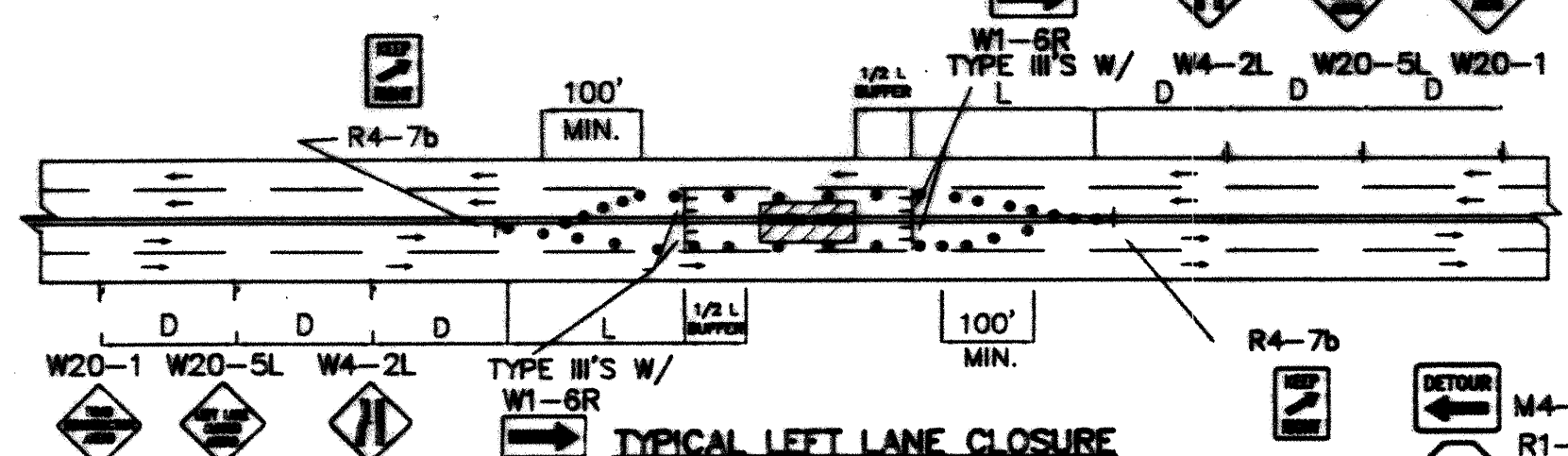
MO/DAY/YEAR	MO/DAY/YEAR
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CITY PROJECT NO. 591581	ZONE MAP NO. D-21	SHEET 2	OF 4
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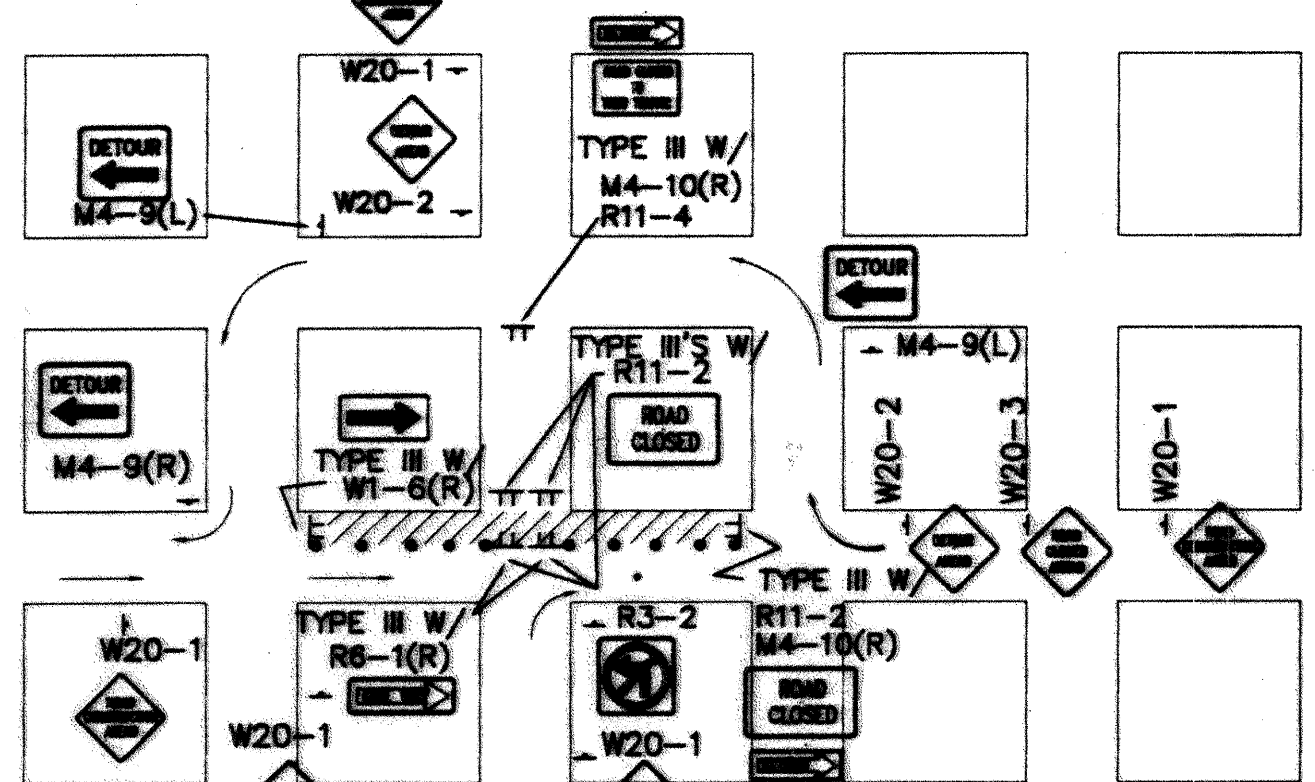
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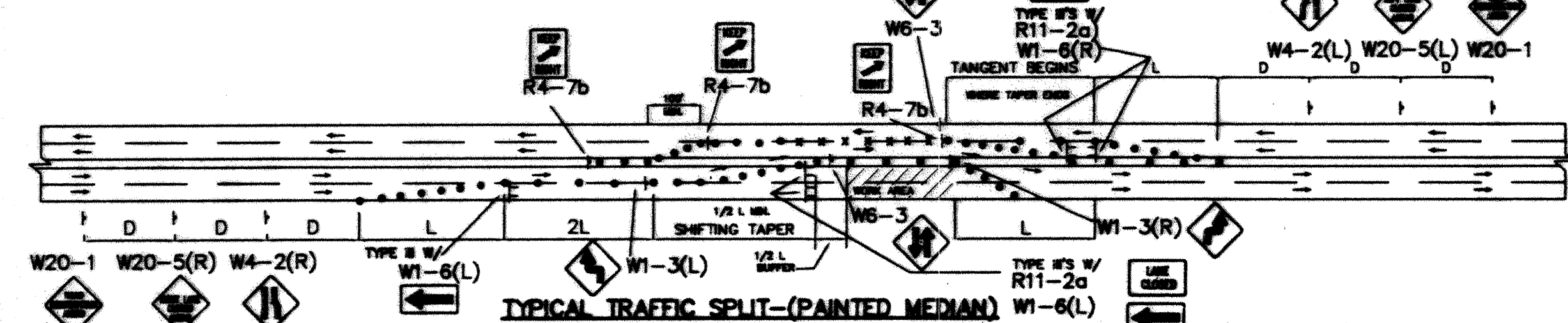
TYPICAL RIGHT LANE CLOSURE



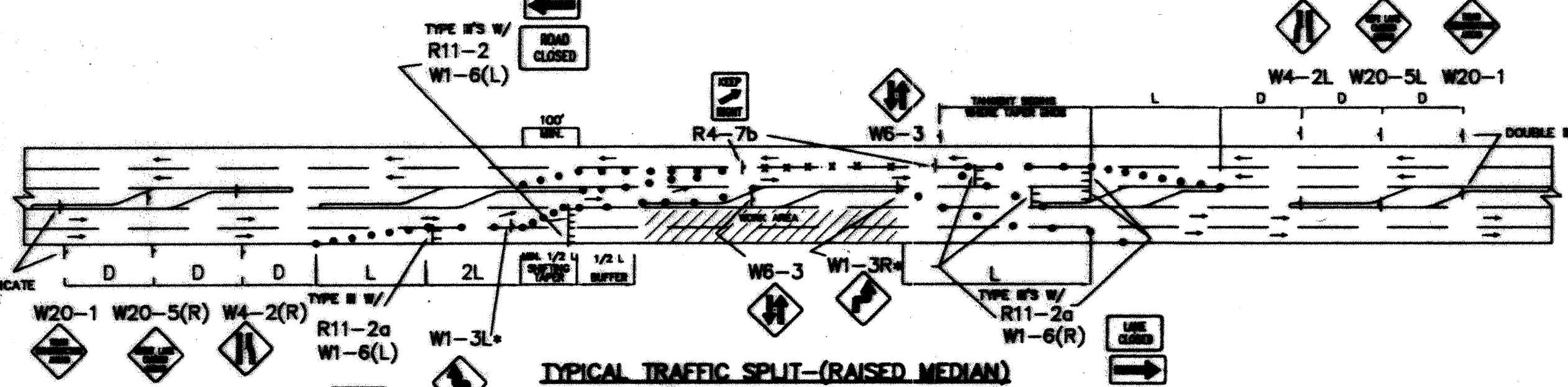
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR



TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)

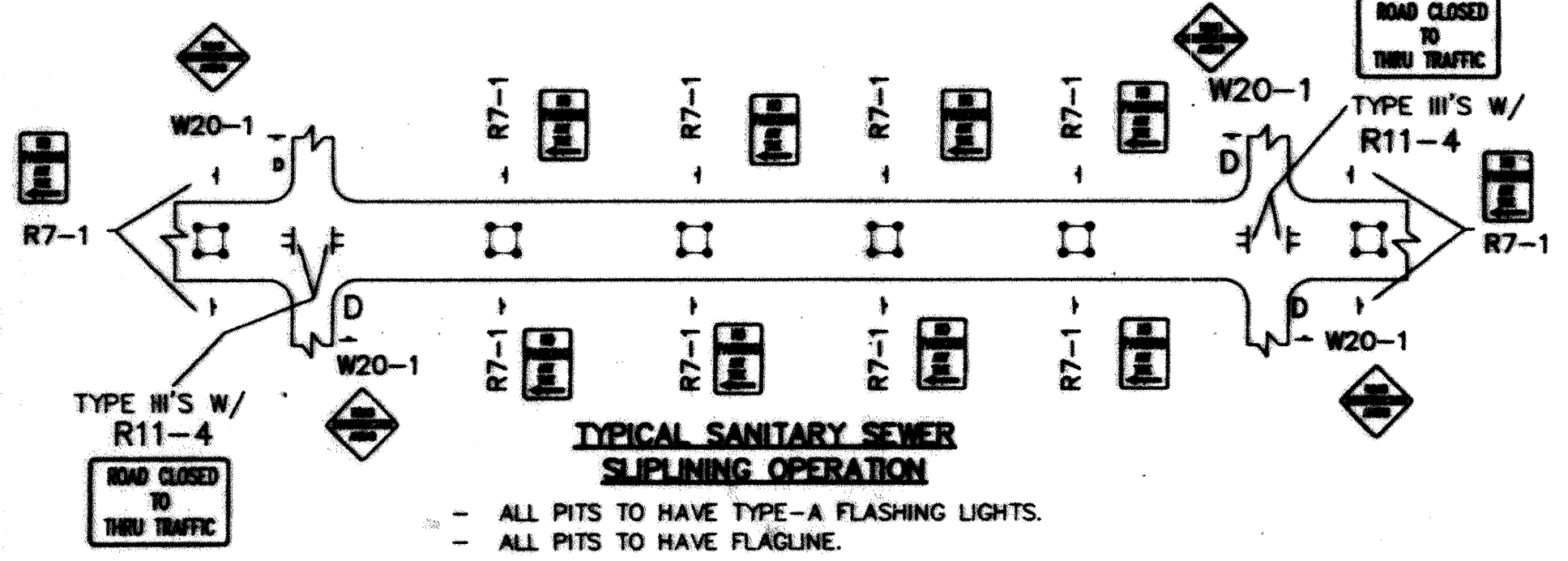


TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

- 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:

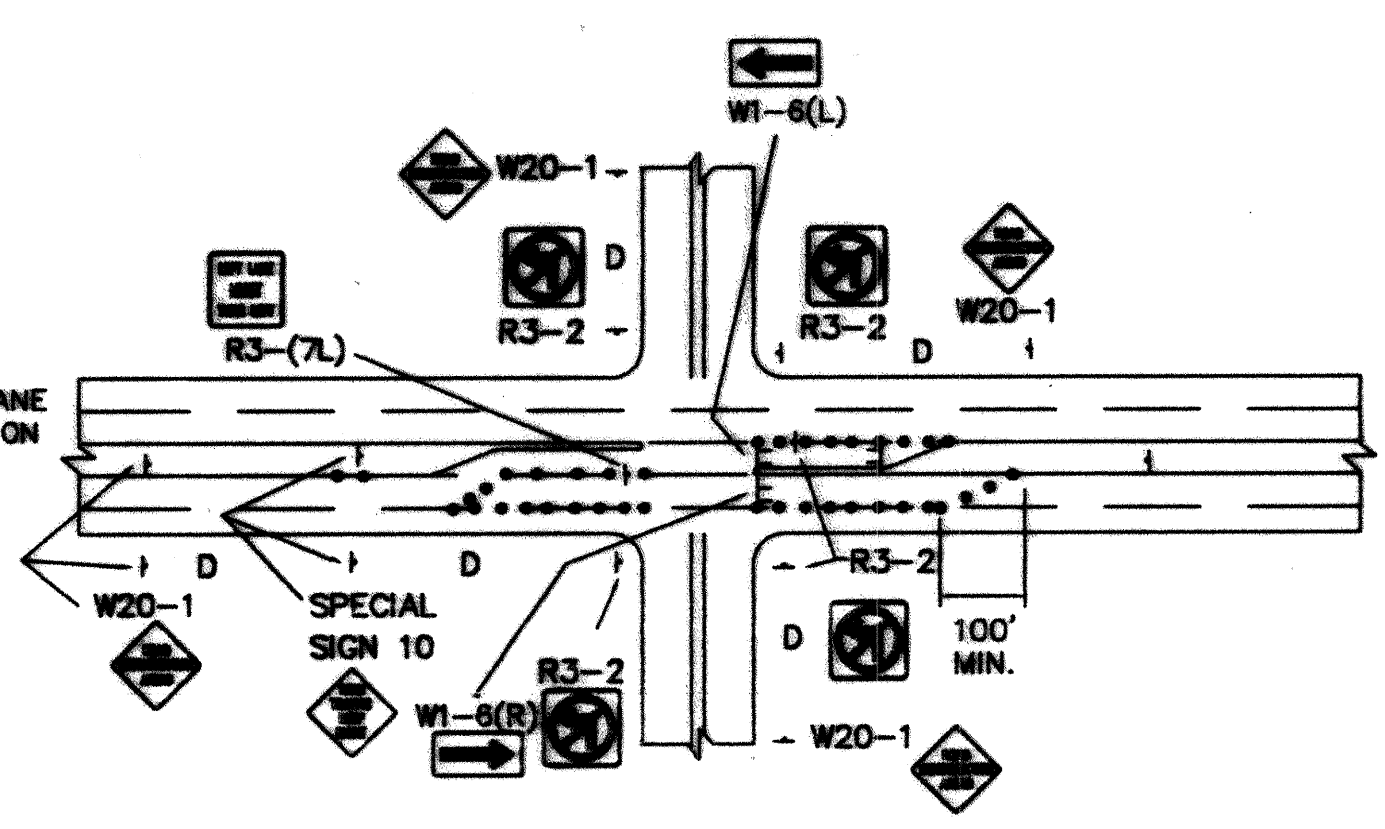
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.
ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.



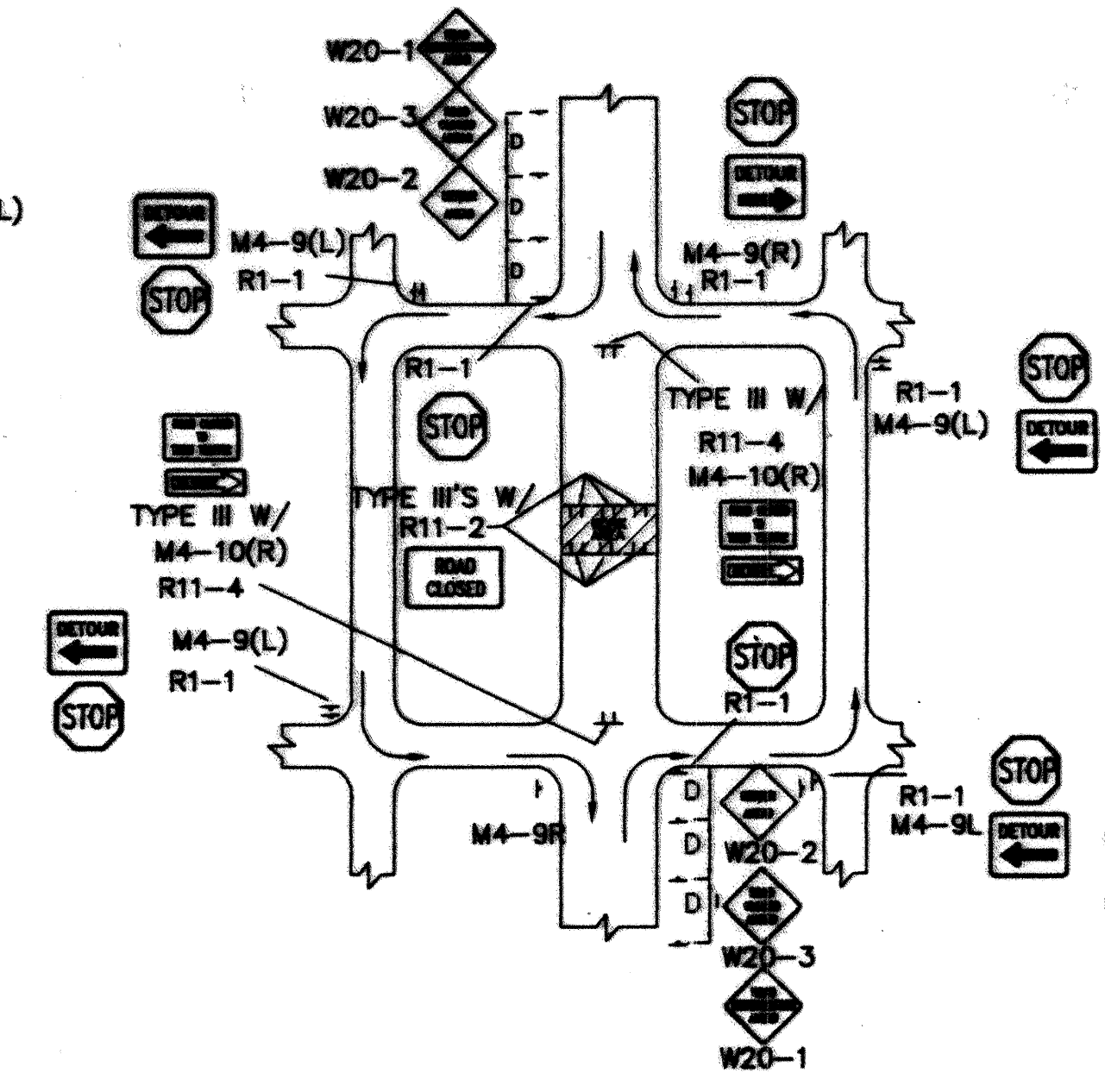
TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS.
- ALL PITS TO HAVE FLAGLINE.

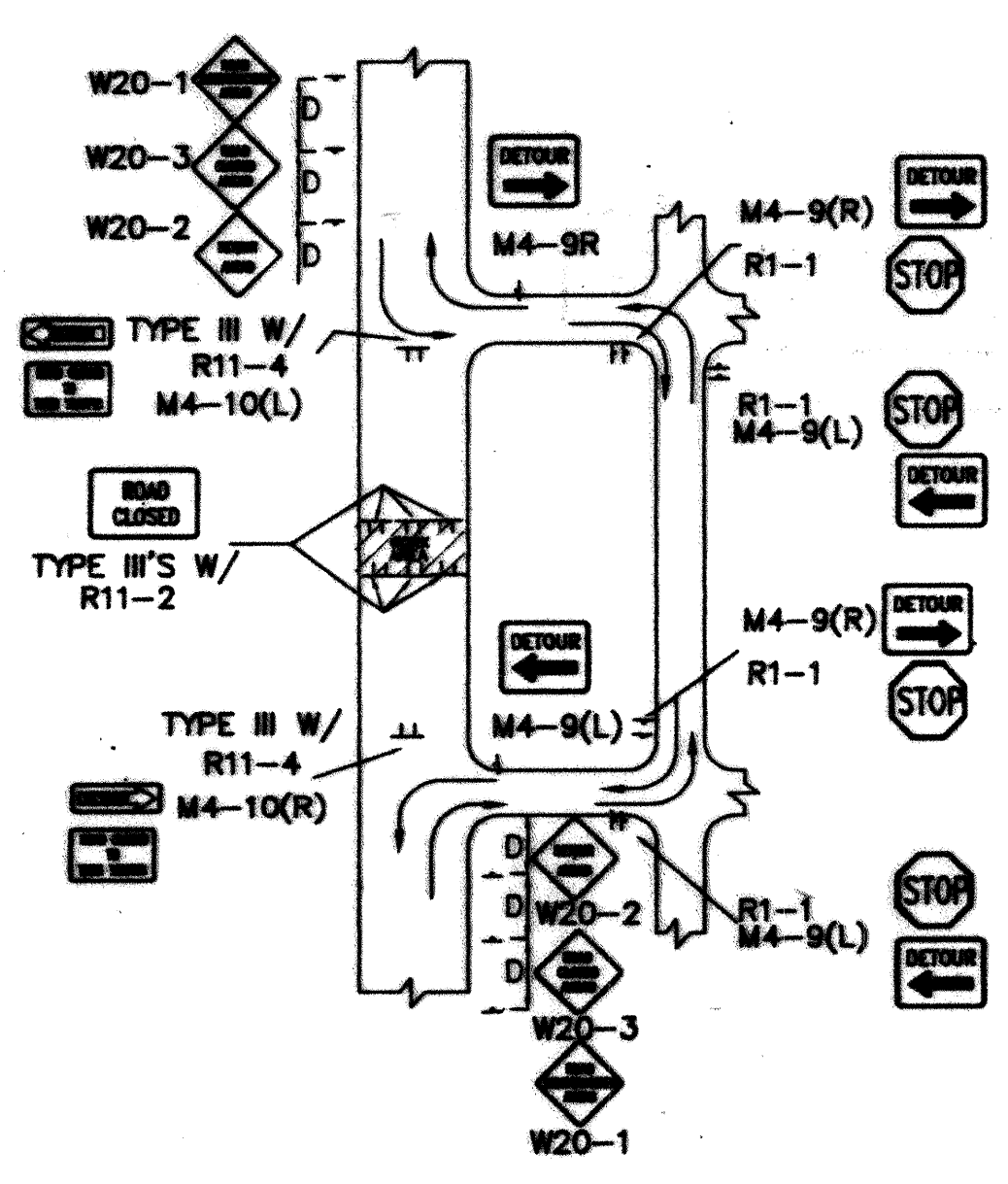
NOTE: MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



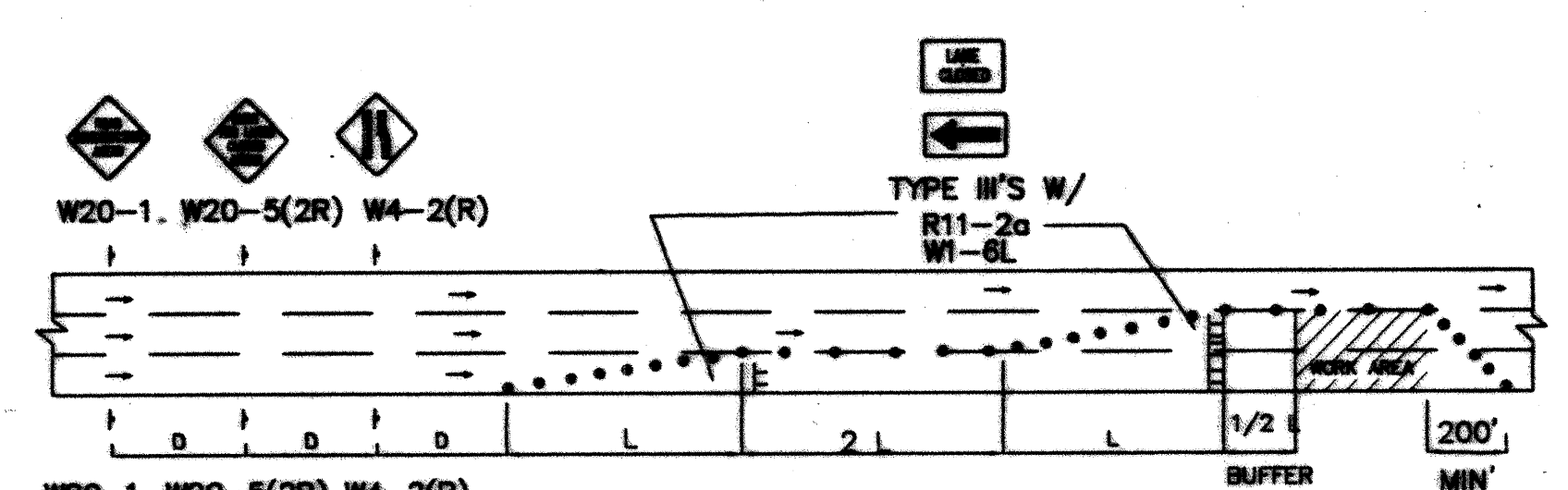
TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION



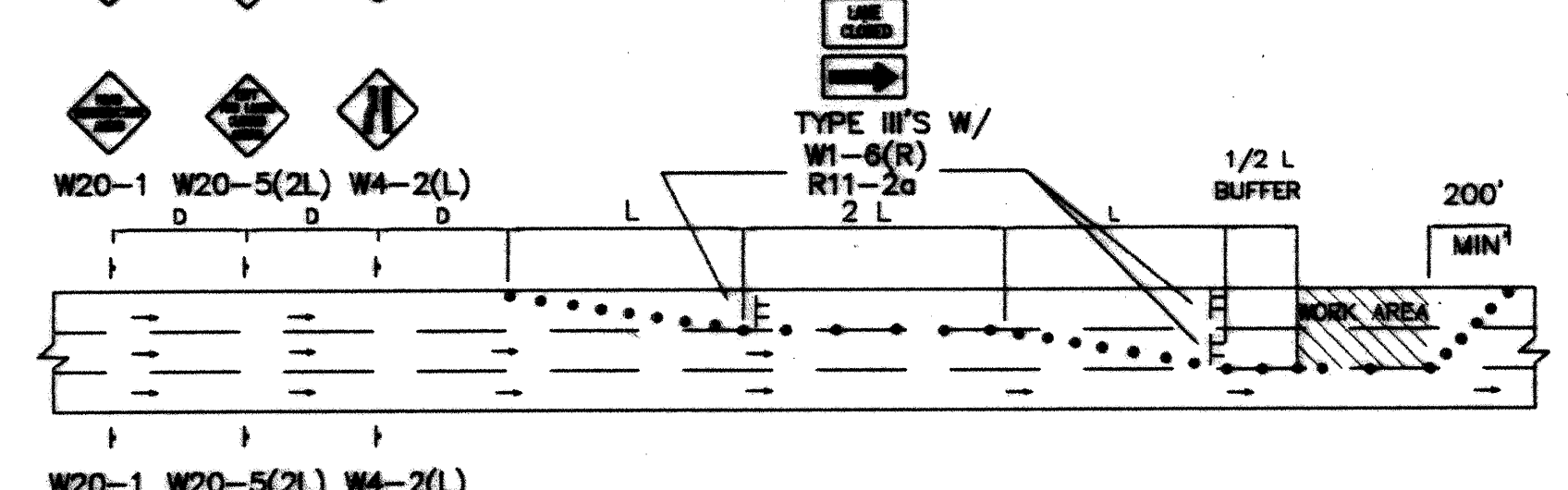
TYPICAL MID-BLOCK CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



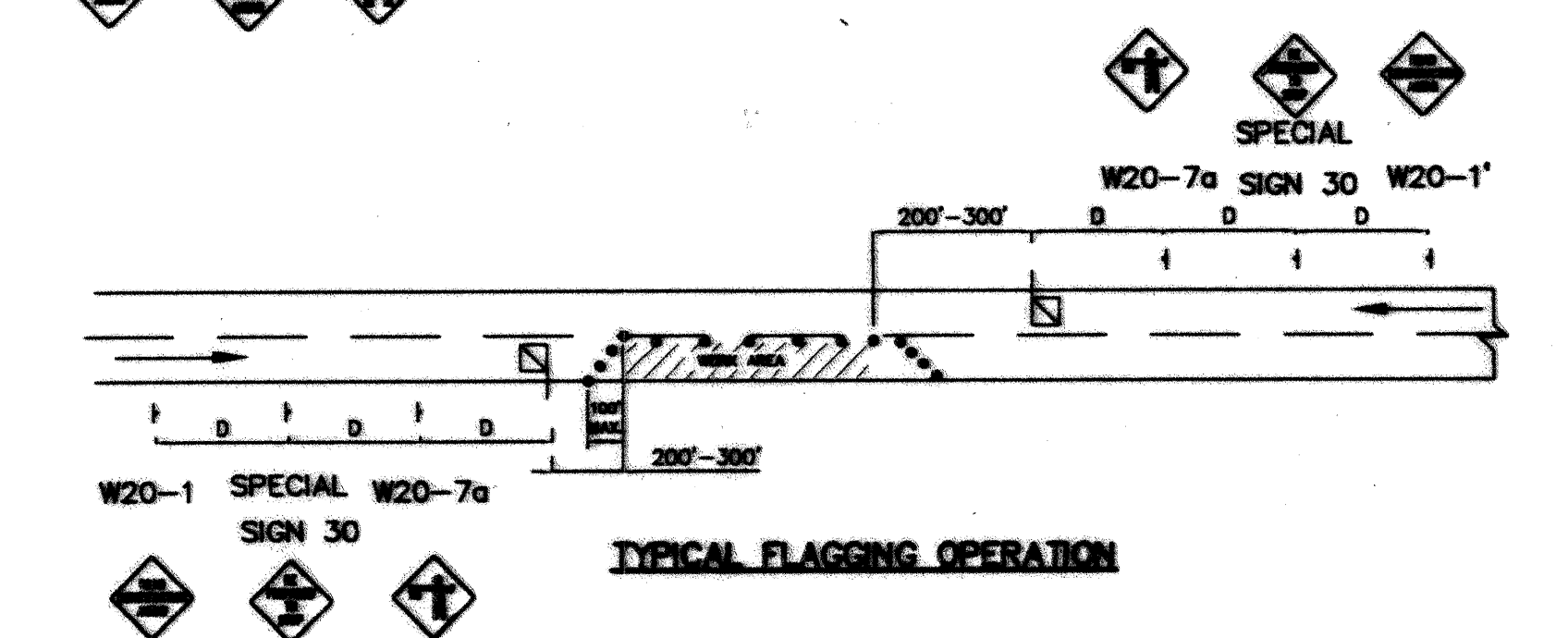
TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



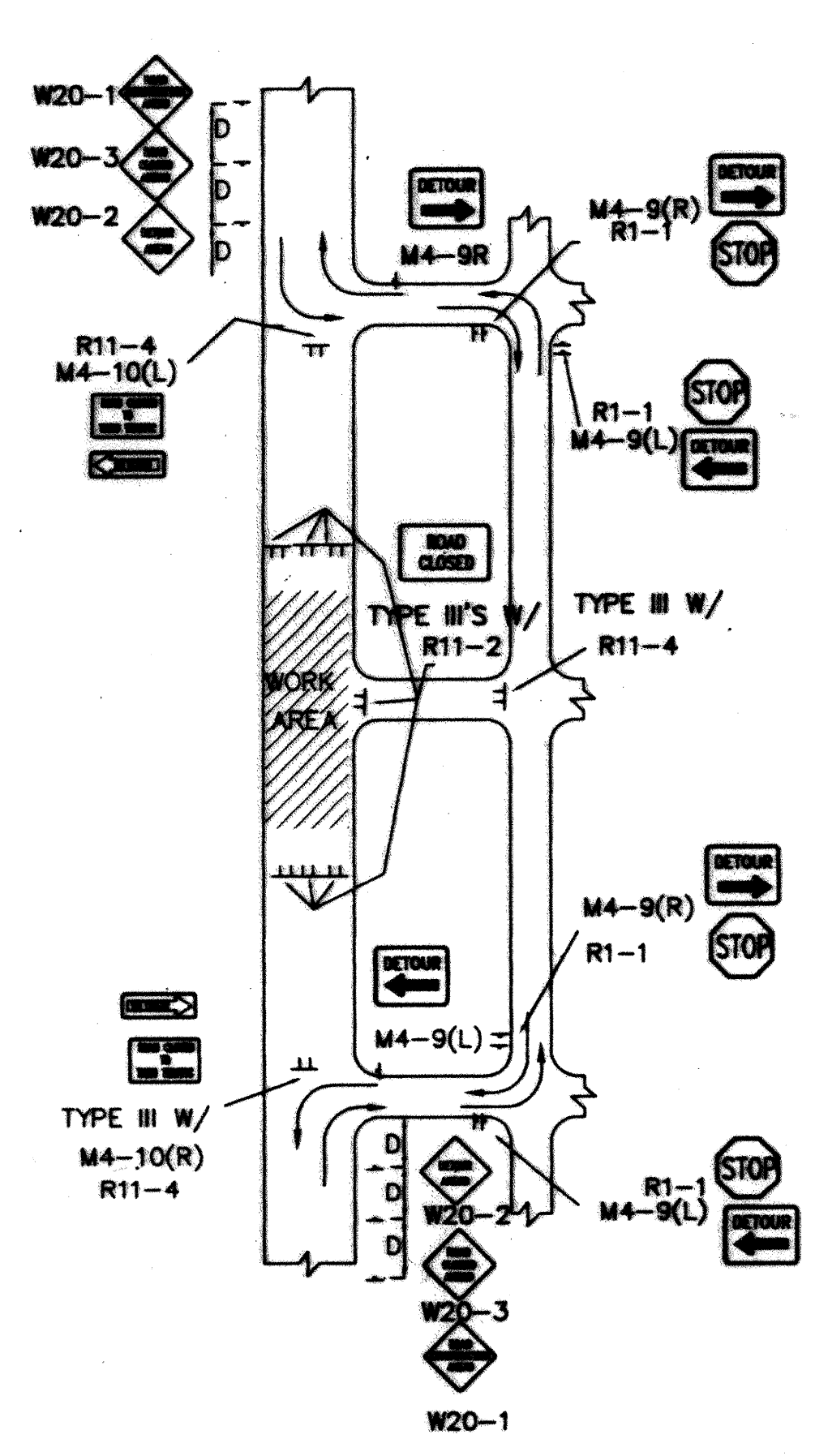
TYPICAL DOUBLE RIGHT LANE CLOSURE



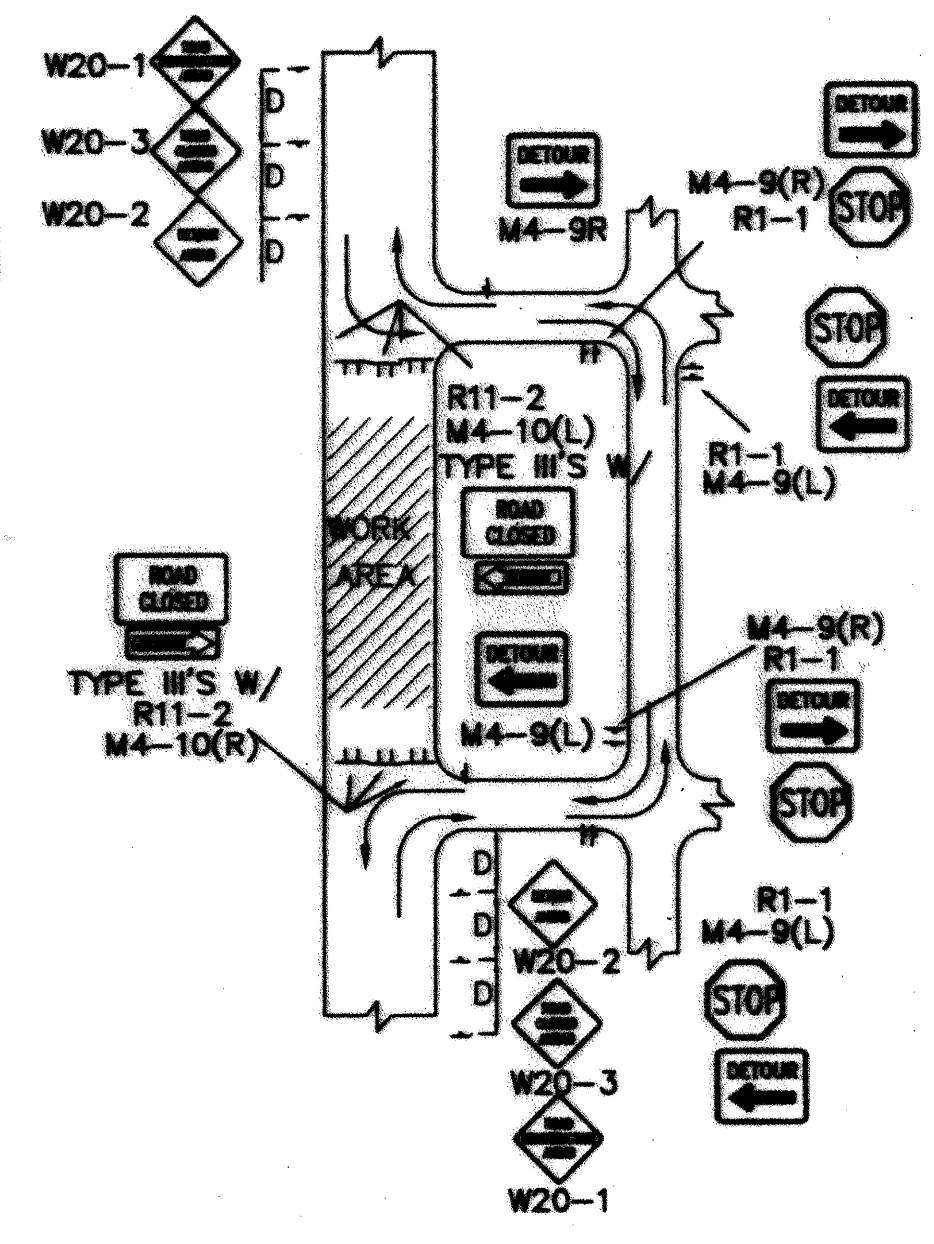
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



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



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

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	WORK	DATE	NO.	BY	DATE	DATE
DESIGNED BY	DATE	REVISIONS	DATE	DESIGNED BY	DATE	C.O.A. STANDARDS	CHECKED BY
RECORDED BY	DATE	NO.	BY	DATE	DATE	DATE	DATE
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP				TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. MUT.C.D.) DESIGN REVIEW COMMITTEE: CITY ENGINEER APPROVAL: C.O.A. Standard PROJECT NO. 591581 MAP NO. D-21 SHEET 4 OF 4			