COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1000025**
Date Issued: 01/08/2010
Exp. Date: 01/15/2010
Project No: PWP110005
Quad: CC

ENCROACHMENT PERMIT

To: SAF-R-DIG
1093 SHARY CIR.
CONCORD, CA 94518

Encroachment Type:

Bore (up to 6 inch Dia)			

Location:
TELEGRAPH AVE. UNDER I-5 BRIDGE

In compliance with your request of **01/08/2010**, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

The Department of Public Works, Field Inspection Section shall receive a notice at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion provided by Grantor.

Special Comments:

Traffic Control Per MUTCD

FORMS:

SS/WW, R-29		

Est. Permit Fee: $370.00

THOMAS R. FLINN, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permitee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-Permit Section

ENCROACHMENT PERMIT

GENERAL PROVISIONS

1. This permit is issued under and subject to a11 laws and ordinances of agencies governing the encroachment herein permitted. See the following references:
   STREETS AND HIGHWAYS CODE
   1. Division 1, Chapter 3
   2. Division 2, Chapter 2, Section 942
   3. Division 2, Chapter 4, Section 1126
   4. Division 2, Chapter 6

   SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, and 892.

2. It is understood and agreed by the Permittee that the doing of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.

3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean a condition as is possible and upon completion of the work granted herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.

4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any injury to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility of such maintenance of the encroachment structure by the County of San Joaquin.

5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Director of Public Works or his representative.

6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway may. require, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved by and at the sole expense of the Permittee.

7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.

8. All work shall be planned and carried out so that there will be as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Barricades shall be placed, With approved Signs and lights at light, and flagmen shall be employed, all as may be required by the particular work in progress.

9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to do the work provided for under this permit. In the event any .claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold them and each of them harmless for such claim.

10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely Stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surfacing is cut or damaged in the work of placing an encroachment structure, such material shall either be separately stored and replaced in the roadway as nearly as possible.in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as It was before the commencement of operations of placing the encroachment structure.

11. Whenever necessary to, secure permission from abutting property owners, such authority must be secured by the Permittee prior to starting work..

12. The future safety and convenience of the traveling public shall be given every consideration in the location and type of construction.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date JANUARY 4, 2010

To: San Joaquin County
Department of Public Works

J.K.WILLIAMS - SAF-R-DIG
(Applicant Name)

1093 SHARY CIRCLE
(Mailing Address)

CONCORD, CA 94518
(City, State, Zip Code)

(925) 521 - 1011
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	110005	REF #	
APN		CR #	
EXP. DATE	1.15.2010		
VALID	1.11.10	TO 1.15.2010	DRIVEWAYS:
STREET	TELEGRAPH AVE		*
AREA	STOCKTON	QUAD CC	*
TYPE	(3)- POTHOLES - 12"		*
FORMS	SWW, R-29		
NOTES			

Sketch (Detailed plans may be submitted)

SEE ATTACHED SITE DRAWING, AERIAL PHOTO AND TRAFFIC PLAN

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on ~~the~~ ~~side of~~ TELEGRAPH AVE ~~approximately~~ UNDER ~~feet/mile~~ I-5 ~~of~~ BRIDGE (OVERPASS), STOCKTON, by performing the following work (description of work): POT HOLES - (3)

Work will commence on or about ASAP for approximately 1 DAY days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

J.K.WILLIAMS NORTHERN DIVISION MANAGER
Signature of Applicant - Title

01/04/2010
Date

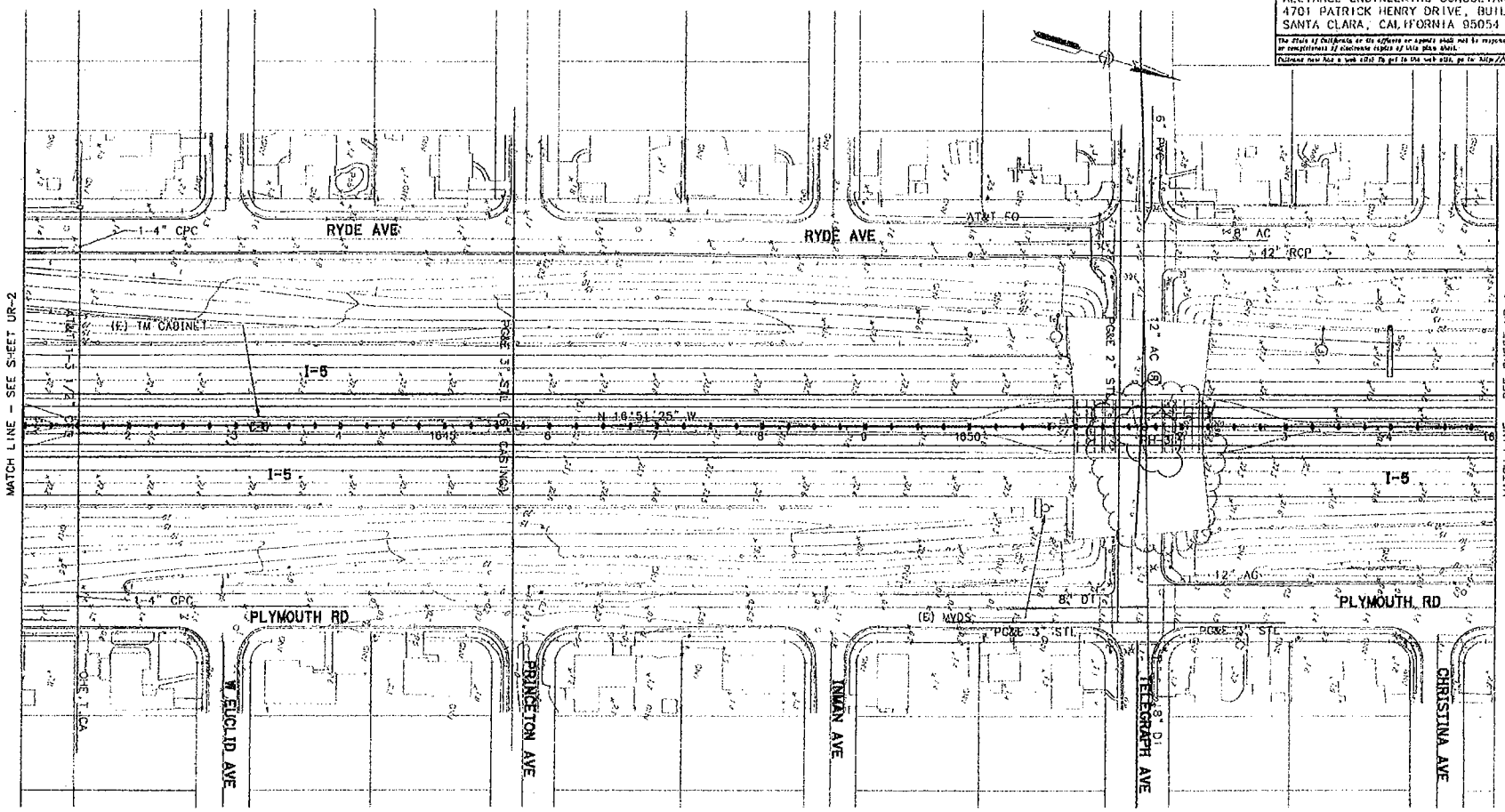
E:\PUB-SV.WK\MASTER.PS\ENCROACHMENT PERMIT APPLICATION.DOC (01/08)

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	SJC	5	28.5/35.6		

PROFESSIONAL ELECTRICAL ENGINEER

PLANS APPROVAL DATE

ALLIANCE ENGINEERING CONSULTANTS, INC.
4701 PATRICK HENRY DRIVE, BUILDING 10
SANTA CLARA, CALIFORNIA 95054



UTILITY RELOCATION
SCALE 1:50

U-3

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
FOR NOTES, SYMBOLS AND ABBREVIATIONS, SEE SHEET E-1 THRU E-4.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
ELECTRICAL

DESIGN OVERSIGHT -

CALCULATED/DESIGNED BY -
CHECKED BY -

DATE	REVISED BY	DATE	REVISED
-		-	

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	30 (100)	30 (100)	30 (100)
Urban (high speed)*	100 (350)	100 (350)	100 (350)
Rural	150 (500)	150 (500)	150 (500)
Expressway / Freeway	300 (1,000)	450 (1,500)	800 (2,640)

* Speed category to be determined by highway agency

** Distances are shown in meters (feet). The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The third sign is the first one in a three-sign series encountered by a driver approaching a TTC zone.)

Table 6H-4. Formulas for Determining Taper Lengths

Speed Limit (S)	Taper Length (L) Meters
60 km/h or less	$L = \frac{WS^2}{155}$
70 km/h or more	$L = \frac{WS}{1.6}$

Speed Limit (S)	Taper Length (L) Feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in meters (feet)

W = width of offset in meters (feet)

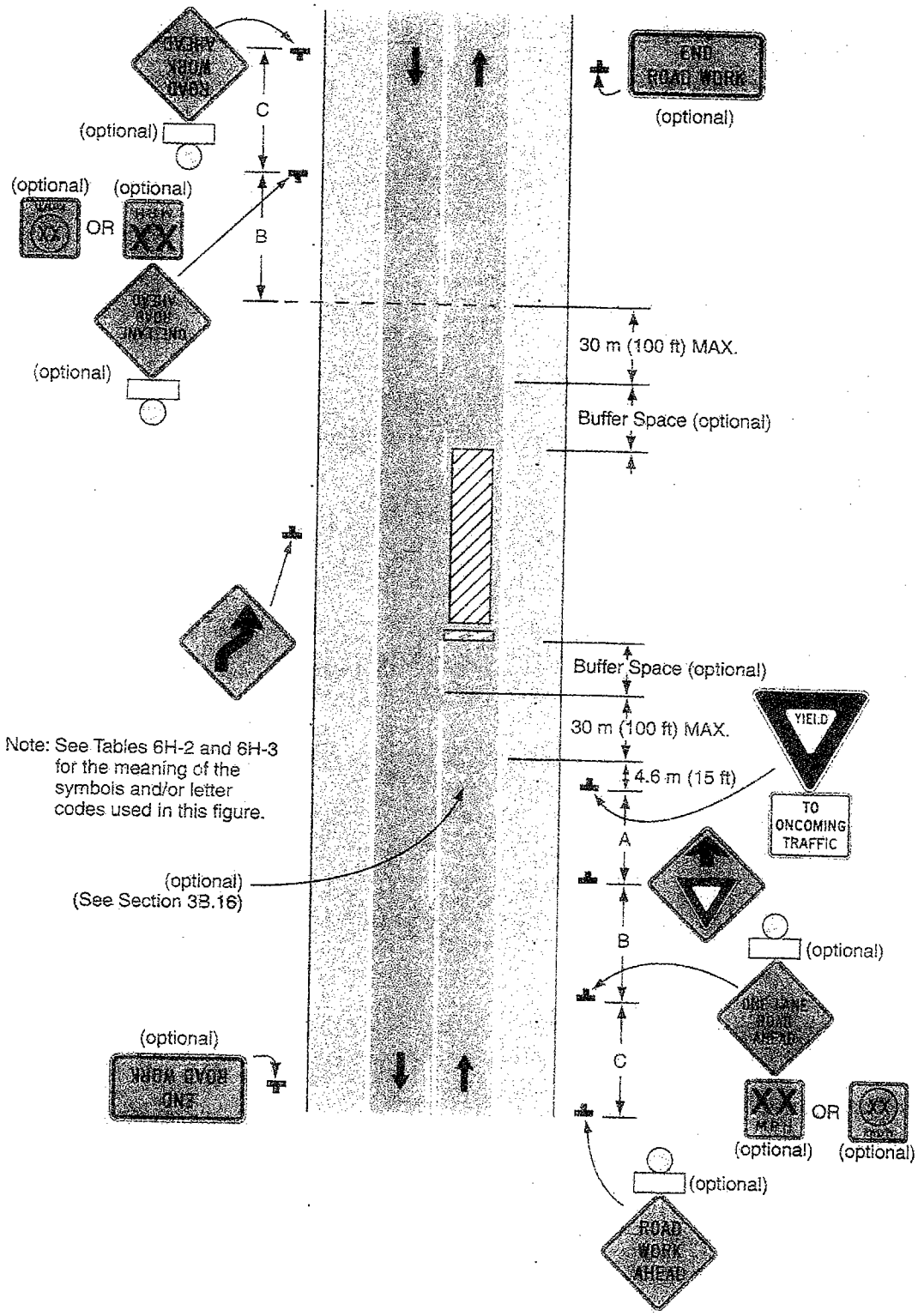
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in km/h (mph)

Notes for Figure 6H-11—Typical Application 11
Lane Closure on Two-Lane Road with Low Traffic Volumes

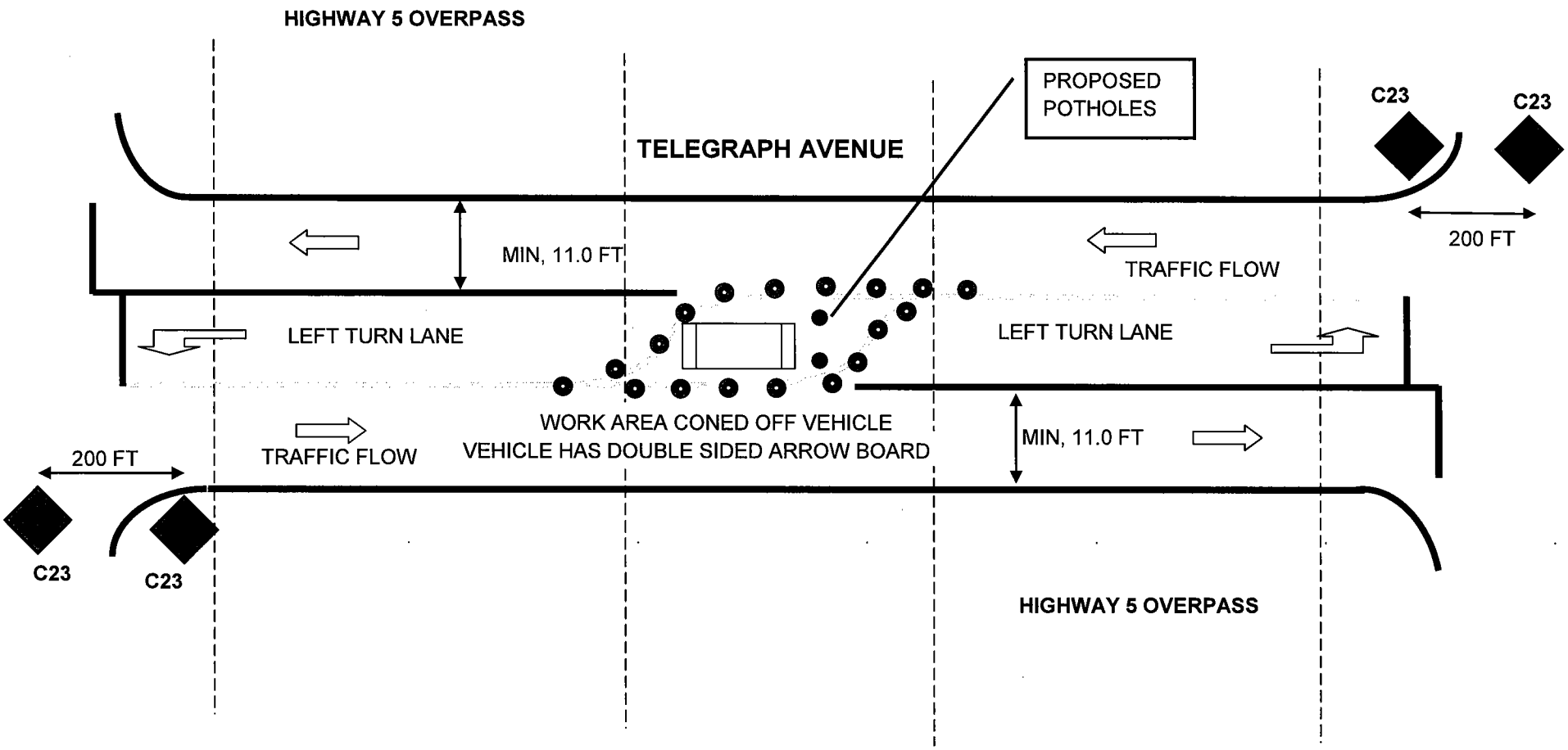
Option:

1. This TTC zone application may be used as an alternate to the TTC application shown in Figure 6H-10 (using flaggers) when the following conditions exist:
   a. Vehicular traffic volume is such that sufficient gaps exist for vehicular traffic that must yield.
   b. Road users from both directions are able to see approaching vehicular traffic through and beyond the work site and have sufficient visibility of approaching vehicles.
2. The Type B flashing warning lights may be placed on the ROAD WORK AHEAD and the ONE LANE ROAD AHEAD signs whenever a night lane closure is necessary.

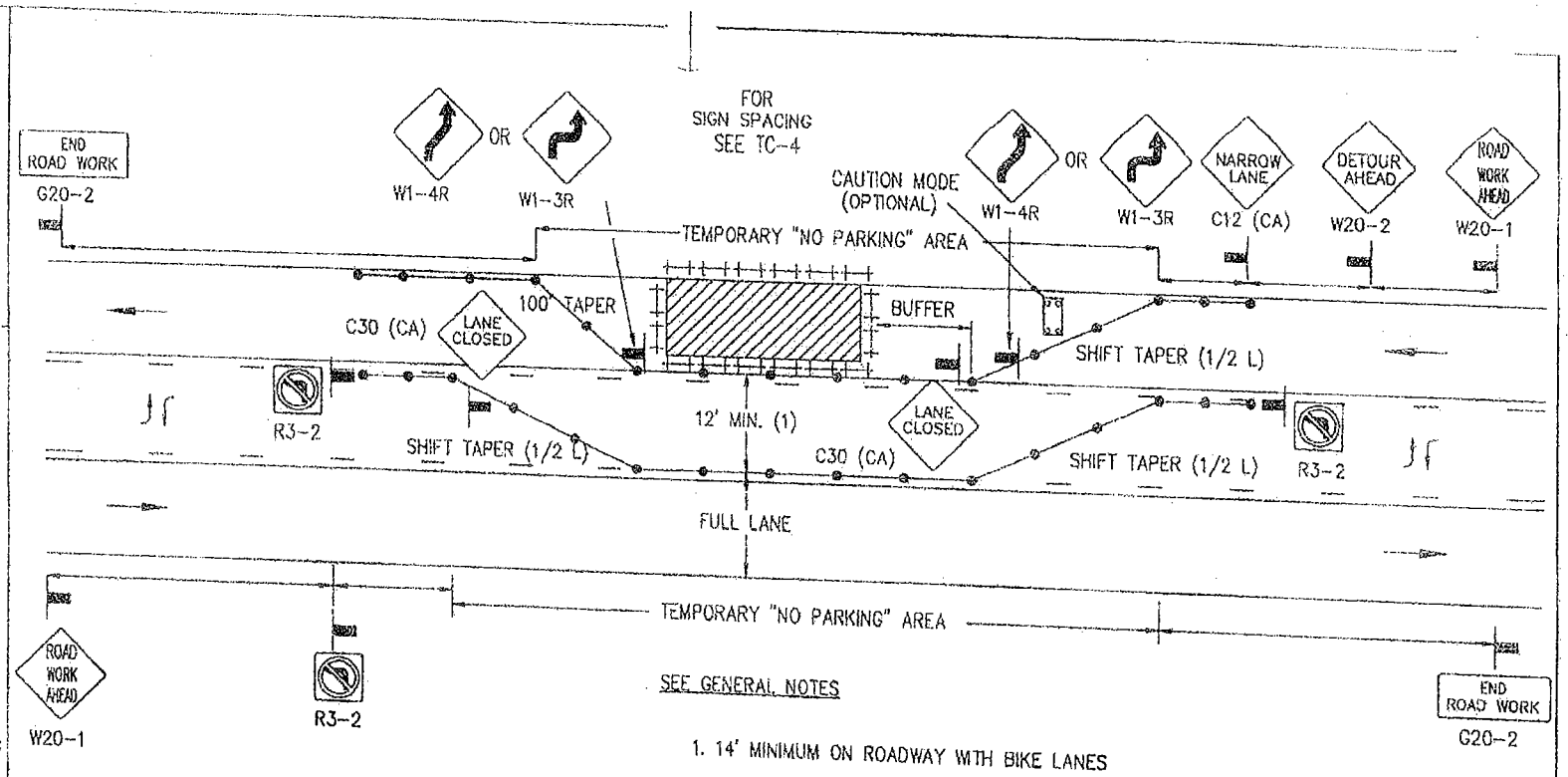
Figure 6H-11. Lane Closure on Two-Lane Road with Low Traffic Volumes



Typical Application 11



TRAFFIC PLAN BY SAF-R-DIG AS DISCUSSED



SEE GENERAL NOTES

1. 14' MINIMUM ON ROADWAY WITH BIKE LANES

LEGEND

- CONE
- BARRICADE
- FLAGGER
- SIGN
- FLASHING ARROW SIGN
- WORK AREA
- TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

AGENCY USE

POSTED SPEED LIMIT	APPROACH SPEED	TAPER LENGTH	SPACING OF CONES	SIGN SPACING	BUFFER LENGTH

GENERAL NOTES

See tc-4 for sign spacing, spacing for cones, and taper and buffer lengths.

For hours of darkness, change cones to vertical barricades with steady burn lights.

This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the local jurisdiction when preparing Traffic Control PLans near these intersections.

This plan MAY NOT apply when the work areas affect bike lanes, sidewalks, pedestrian access and curved or narrow roadways. Consult the approving agency when preparing the Traffic Control Plan or these areas.

Nothing contained on this drawing shall prevent local jurisdictions from modifying, changing or adopting new specifications deemed necessary. Criteria for position, location and use of Traffic Control Devices is solely for the purpose of guidance to assist in the set up of the Traffic Control Plans.

TC-5 is required for all Traffic Control PLans.

APPLICANT USE

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

Revision	By	Approved	Date
ORIGINAL DRAWING	DRH		4/06
			4/27/06

APPENDIX "A"
SAN DIEGO REGIONAL STANDARD

SIDE OF ROAD WORK AREA

MULTILANE TRAFFIC CONTROL WITH TWO WAY LEFT TURN
RIGHT LANE TRAFFIC CLOSURE - ONE LANE

DRAWING NUMBER TC-14

Truck Taper + Sign spacing

TABLE 1

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES AND MINIMUM TAPER LENGTH

APPROACH SPEED (S) (MPH)	MINIMUM DISTANCE (FEET) BETWEEN SIGNS AND FROM LAST SIGN TO TAPER	MINIMUM TAPER LENGTHS (L) (FEET) FOR 12-FOOT LANE		
		L	1/2L	1/3L
25	150–200	125	65	45
30	200–300	180	90	60
35	250–400	245	125	85
40	350–500	320	160	110
45	500–750	540	270	180
50	500–1000	600	300	200
55+	500–1500	660	330	220

L for Merge Taper
1/2L for Shift Taper
1/3L for Shoulder Taper

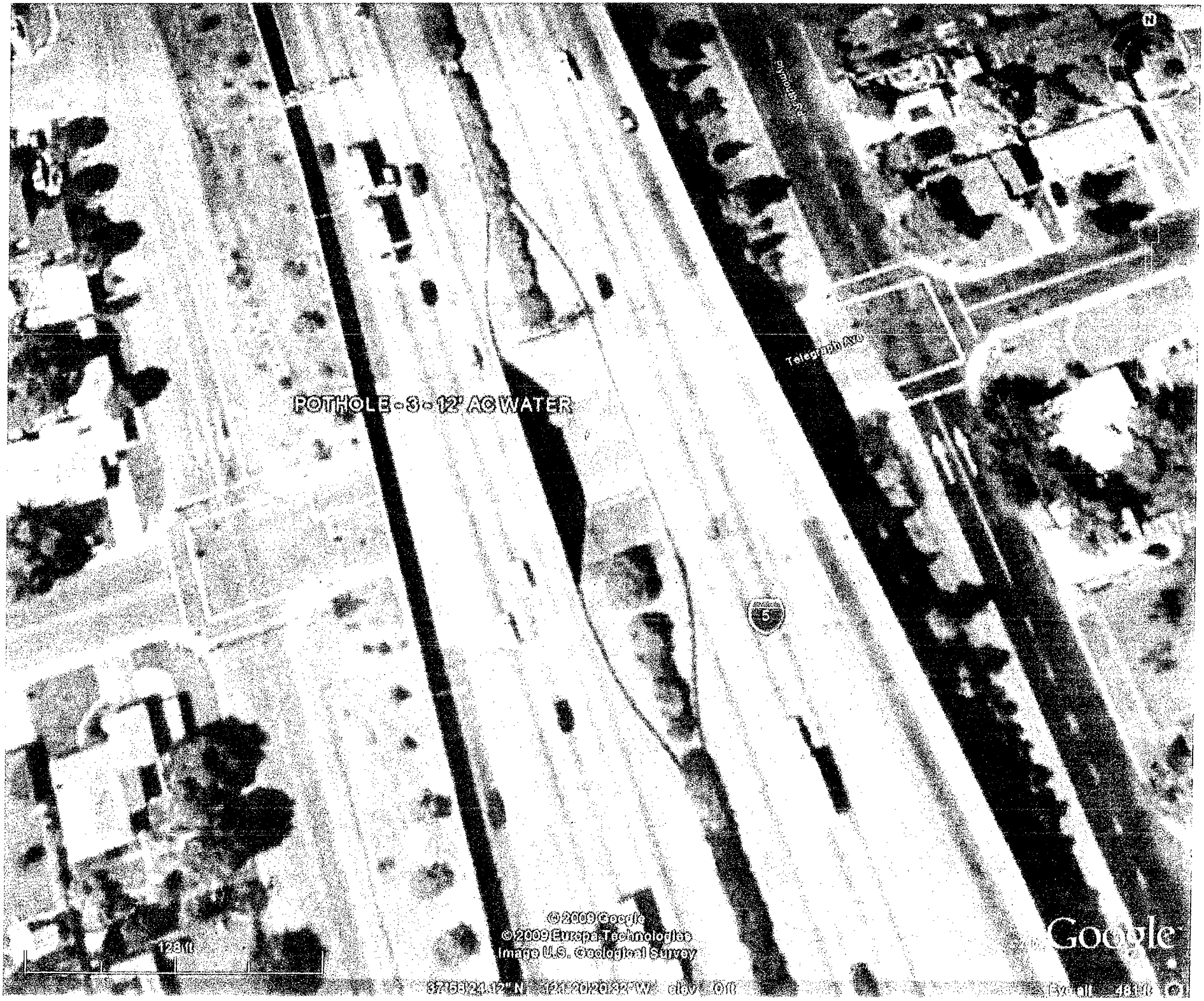
TABLE 2

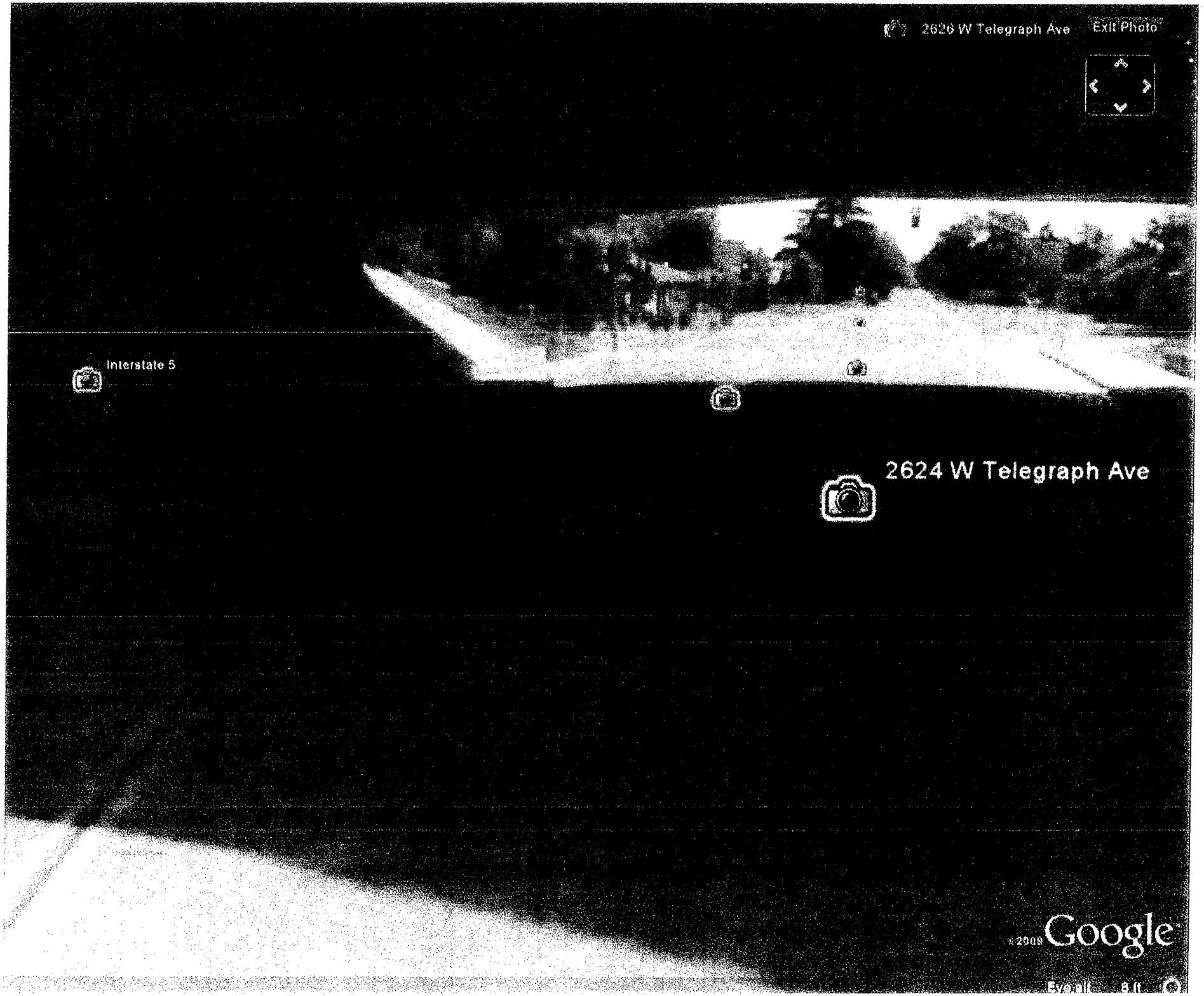
MINIMUM RECOMMENDED CHANNELIZER AND SIGN SPACING(1)

SPEED "S" MPH (2)	DIMENSION A SIGN SPACING		DIMENSION B MINIMUM MERGING TAPER L		DIMENSION C MINIMUM SHIFTING TAPER 1/2 L		DIMENSION D MINIMUM SHOULDER TAPER 1/3 L		DIMENSION E BUFFER SPACE (4)		MAXIMUM CHANNELIZER SPACING TAPER (3)		MAXIMUM CHANNELIZER SPACING TANGENT (3)	
	ft	(m)	ft	(m)	ft	(m)	ft	(m)	ft	(m)	ft	(m)	ft	(m)
25	125	(40)	125	(40)	63	(20)	42	(13)	158	(48)	25	(8)	50	(15)
30	180	(60)	180	(60)	90	(30)	60	(20)	205	(62)	30	(9)	60	(18)
35	245	(75)	245	(75)	123	(35)	82	(25)	257	(80)	35	(11)	70	(22)
40	320	(100)	320	(100)	160	(50)	107	(35)	315	(100)	40	(13)	80	(25)
45 (5)	540	(165)	540	(165)	270	(80)	180	(55)	378	(115)	48	(15)	98	(30)
50 (5)	600	(180)	600	(180)	300	(90)	200	(60)	446	(130)	48	(15)	98	(30)
55 (5)	660	(200)	660	(200)	330	(100)	220	(65)	520	(165)	48	(15)	98	(30)
60 (5)	720	(220)	720	(220)	360	(110)	240	(75)	598	(180)	48	(15)	98	(30)
65 (5)	780	(240)	780	(240)	390	(120)	260	(80)	682	(210)	48	(15)	98	(30)
Local Agency Freeways (1)	1000	(300)	1000	(300)	500	(150)	330	(100)	1000	(300)	48	(15)	98	(30)
Pedestrians	N/A	N/A	20	(6)	10	(3)	6	(2)	N/A	N/A	3	(1)	6	(2)
Bicyclists	Use Roadway Sign Spacing		75	(25)	38	(12)	25	(8)	N/A	N/A	12	(4)	25	(8)

(1) Refer to specific State requirements for work on State Freeways and State Highways.
(2) Posted Speed or observed operating speed (whichever is greater).
(3) Channelizer spacing shall be reduced in half at areas where work is taking place, on curves, or areas of head-on conflict.
(4) Buffer space may be inserted in low speed urban areas, should be inserted in high speed urban and rural areas, and shall be inserted in Local Agency Freeways. Buffer space, when inserted, should be increased on downgrades and should be kept clear of equipment and materials, except for a Shadow Vehicle.
(5) Refer to Section 8 for "High Speed Situations".

DRAWING NUMBER


POTHOLE - 3 - 12' AC WATER
Telegraph Ave
5
© 2009 Google
© 2009 Europa Technologies
Image U.S. Geological Survey
128 ft
Google


2626 W Telegraph Ave
Exit Photo
Interstate 5
2624 W Telegraph Ave
©2009 Google