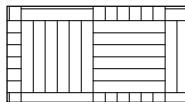
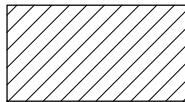


LEGEND



APPROXIMATE
AREA OF TRENCH

CURB LINE & BACK
OF SIDEWALK



APPROXIMATE AREA OF
TRENCH RESTORATION

CENTER LINE



FLOW OF TRAFFIC



PARKING STALL
MARKINGS

GENERAL NOTES

1. SEE STANDARDS R-1 THRU R-3 FOR SIDEWALK, CURB, GUTTER AND DRIVEWAY DETAILS.*
2. SEE STANDARD R-9 FOR UTILITY TRENCH DETAILS.*
3. SEE STANDARDS S-1 AND S-10 FOR SANITARY SEWER LATERAL DETAILS.*
4. A CRACK SEAL COAT ALONG THE SEAM SHALL BE APPLIED BETWEEN NEW & EXISTING ASPHALT CONCRETE.
5. IF RESTORATION IS WITHIN 24 IN. OF LIP OF GUTTER THEN THE ENTIRE SECTION SHALL BE REPLACED TO THE LIP OF GUTTER.
6. ANY THERMOPLASTIC OR PAINTED STRIPING SHALL BE REPLACED PER THE CURRENT CALTRANS MUTCD STANDARDS.
 - 6.1. CROSSWALK BARS SHALL BE REPLACED AT A MINIMUM HALF THE TOTAL LENGTH OF THE BAR ITSELF.
 - 6.2. ALL PAINTED OR THERMOPLASTIC SIGNAGE SHALL BE FULLY REPLACED UNLESS OTHERWISE NOTED BY THE ENGINEER.
7. ALL AFFECTED CURB RAMPS AND CROSSWALKS ARE SUBJECT TO EVALUATION BY CITY ENGINEERING STAFF PRIOR TO RESTORATION.

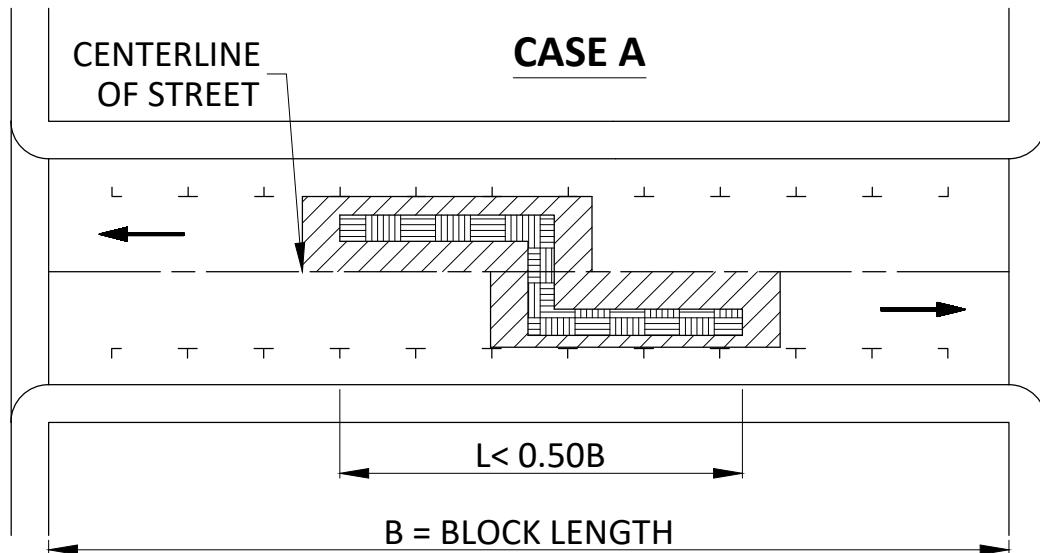
ADDITIONAL NOTE(S):

* MODIFICATIONS TO REQUIREMENTS WILL BE DETERMINED PRIOR TO CONSTRUCTION BY THE DIRECTOR OF PUBLIC WORKS OR ASSIGNED CITY ENGINEERING STAFF.

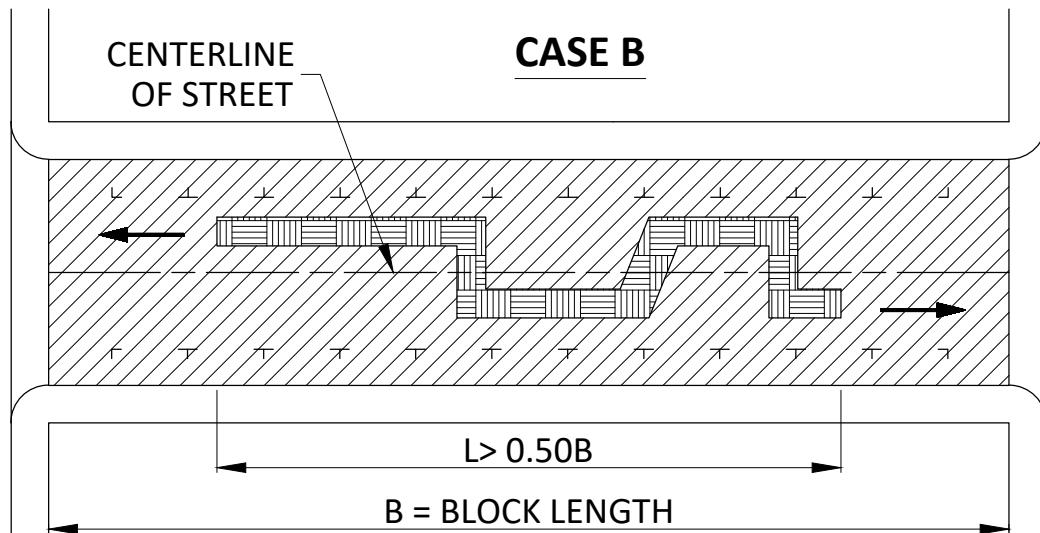
CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	GENERAL CONCRETE NOTES	APPROVED	
DRAWN	CK	CHECKED	NT	DATE	SCALE	NTS
				03/2024		SHEET 1 OF 7
					DWG. NO.	R-10.1

City Engineer



AC RESTORATION OF TRENCHES WITH TOTAL LENGTH (L) LESS
THAN HALF THE LENGTH OF THE BLOCK
MINIMUM RESTORATION - LANE OF TRAFFIC CONTAINING
TRENCH PLUS 5 FEET FROM END OF TRENCH



AC RESTORATION OF TRENCHES WITH TOTAL LENGTH (L) GREATER
THAN HALF OF THE LENGTH OF THE BLOCK
MINIMUM RESTORATION - WIDTH OF FULL STREET FOR ENTIRE BLOCK

NOTES:

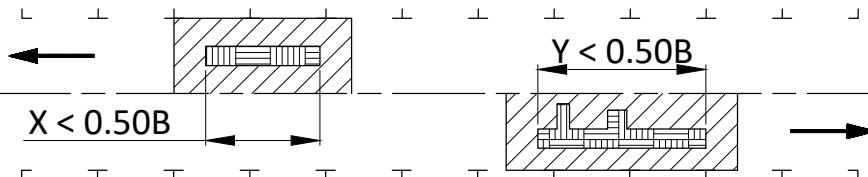
1. REFER TO R-10.1, "GENERAL NOTES" FOR ALL RESTORATION REQUIREMENTS.
2. "BLOCK" IS THE LINEAR LENGTH OF ROAD BETWEEN THE TWO NEAREST CROSS STREETS.

CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	CONNECTED OPEN TRENCH	APPROVED
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS
					SHEET 2 OF 7
					DWG. NO. R-10.2

City Engineer

CASE A
(LESS THAN EIGHT (8))¹

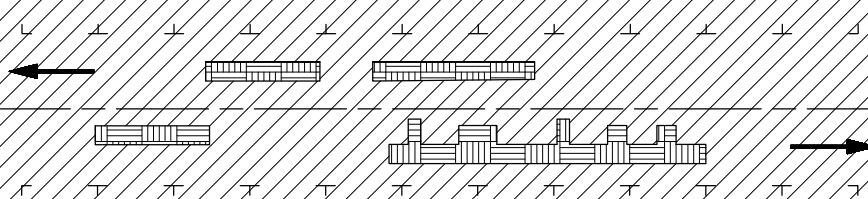


$$X+Y=L$$

B = BLOCK LENGTH

AC RESTORATION OF TRENCHES LESS THAN 50 FEET APART AND/OR WITH
TOTAL LENGTH (L) LESS THAN HALF OF THE LENGTH OF THE BLOCK.
MINIMUM RESTORATION - WIDTH OF ROADWAY FROM CENTERLINE TO
CURB PLUS 5 FEET FROM END OF TRENCH

CASE B
(GREATER THAN EIGHT (8))¹



B = BLOCK LENGTH

AC RESTORATION OF EIGHT (8) OR MORE TRENCHES AND/OR WITH TOTAL
LENGTH (L) GREATER THAN HALF OF THE LENGTH OF THE BLOCK.
MINIMUM RESTORATION - ENTIRE BLOCK, ENCOMPASSING WIDTH OF
ROADWAY FROM CENTERLINE TO CURB

NOTES:

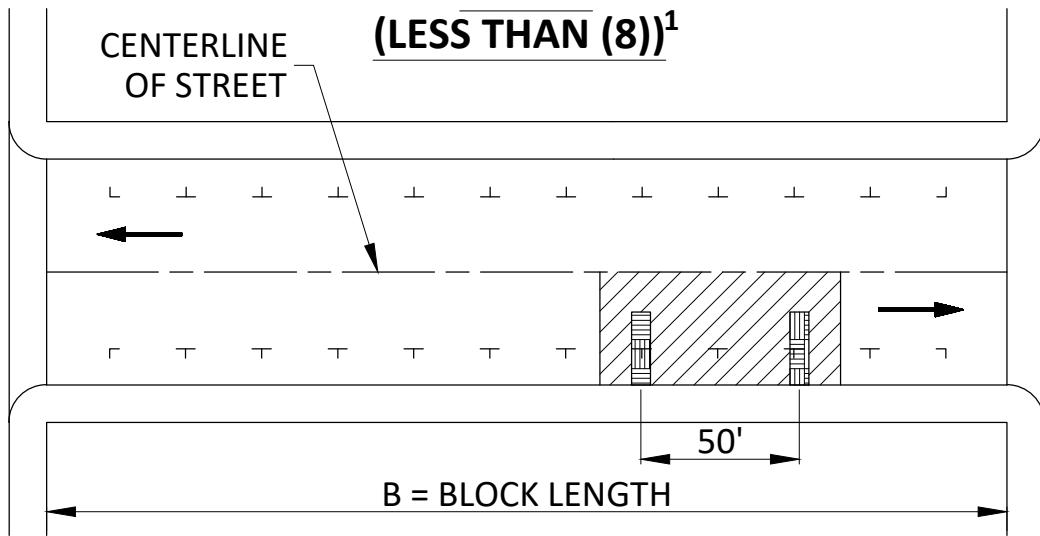
1. REFER TO R-10.1, "GENERAL NOTES" FOR ALL RESTORATION REQUIREMENTS.
2. "BLOCK" IS THE LINEAR LENGTH OF ROAD BETWEEN THE TWO NEAREST CROSS STREETS.

CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	MULTIPLE PARALLEL OPEN TRENCH	APPROVED
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS SHEET 3 OF 7
DWG. NO.	R-10.3				

City Engineer

**CASE A
(LESS THAN (8))¹**

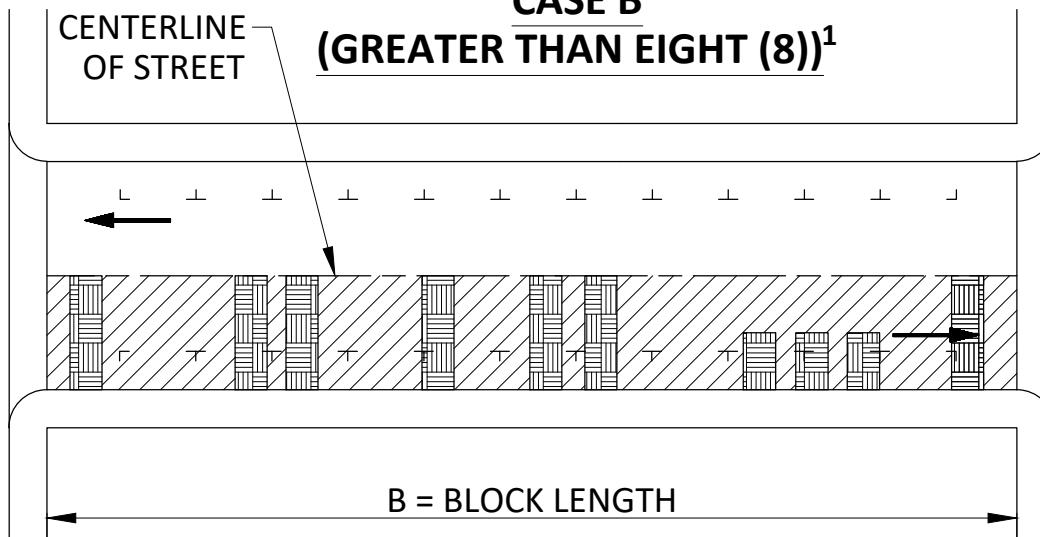


LATERAL TRENCHES LESS THAN FIFTY FEET APART AND/OR LESS THAN 50% OF THE TOTAL BLOCK LENGTH.

MINIMUM RESTORATION - ENTIRE LANE WIDTH ENCOMPASSING THE TRENCH(ES) PLUS 5 FEET FROM THE EDGE OF FURTHEST TRENCHES

**UNMARKED
CENTERLINE
OF STREET**

**CASE B
(GREATER THAN EIGHT (8))¹**



AC RESTORATION FOR EIGHT (8) OR MORE LATERAL TRENCHES, OR WHEN COMBINED LENGTH IS GREATER THAN 50% OF THE BLOCK LENGTH
MINIMUM RESTORATION - ONE FULL LANE FOR ENTIRE LENGTH OF BLOCK

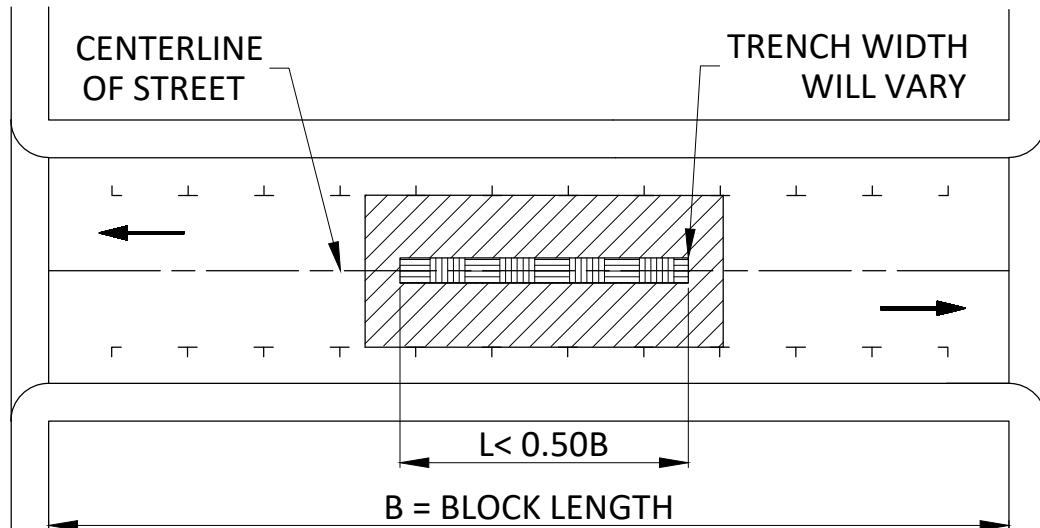
NOTES:

1. REFER TO R-10.1, "GENERAL NOTES" FOR ALL RESTORATION REQUIREMENTS.
2. "BLOCK" IS THE LINEAR LENGTH OF ROAD BETWEEN THE TWO NEAREST CROSS STREETS.

CITY OF MILLBRAE * STANDARD PLANS

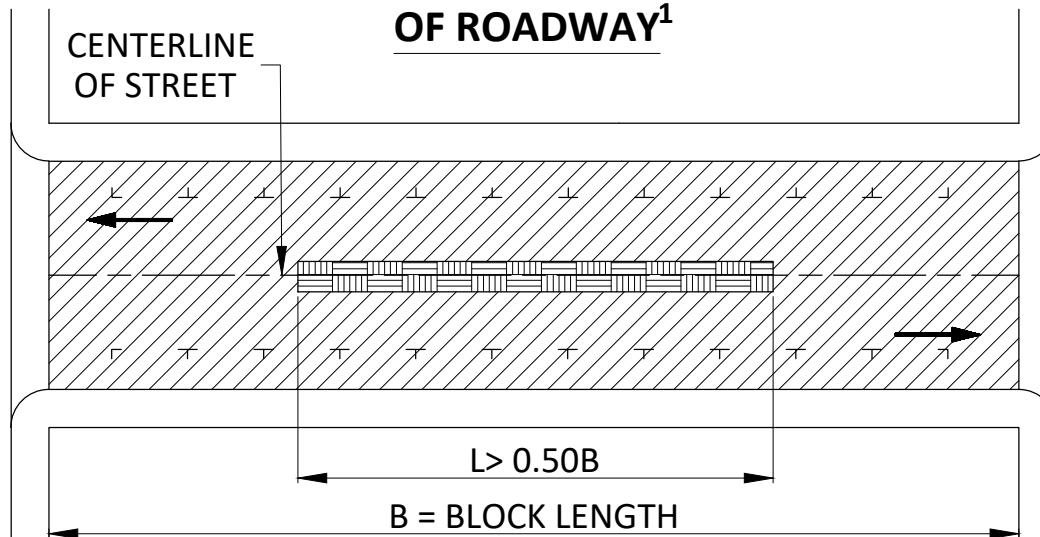
NO.	REVISIONS		DATE	MULTIPLE LATERAL OPEN TRENCH	APPROVED <hr/> City Engineer
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS
					SHEET 4 OF 7
					DWG. NO. R-10.4

OPEN TRENCH (CENTERLINE)¹



AC RESTORATION OF CENTERLINE TRENCHES WITH TOTAL LENGTH (L) LESS THAN HALF OF THE LENGTH OF THE BLOCK.
MINIMUM RESTORATION - BOTH LANES OF TRAFFIC ON EITHER SIDE OF THE TRENCH PLUS 5 FEET FROM END OF TRENCH

OPEN TRENCH AT CENTERLINE OF ROADWAY¹



AC RESTORATION OF CENTERLINE TRENCHES WITH TOTAL LENGTH (L) GREATER THAN HALF OF THE LENGTH OF THE BLOCK.
MINIMUM RESTORATION - ENTIRE BLOCK INCLUDING ALL LANES

NOTES:

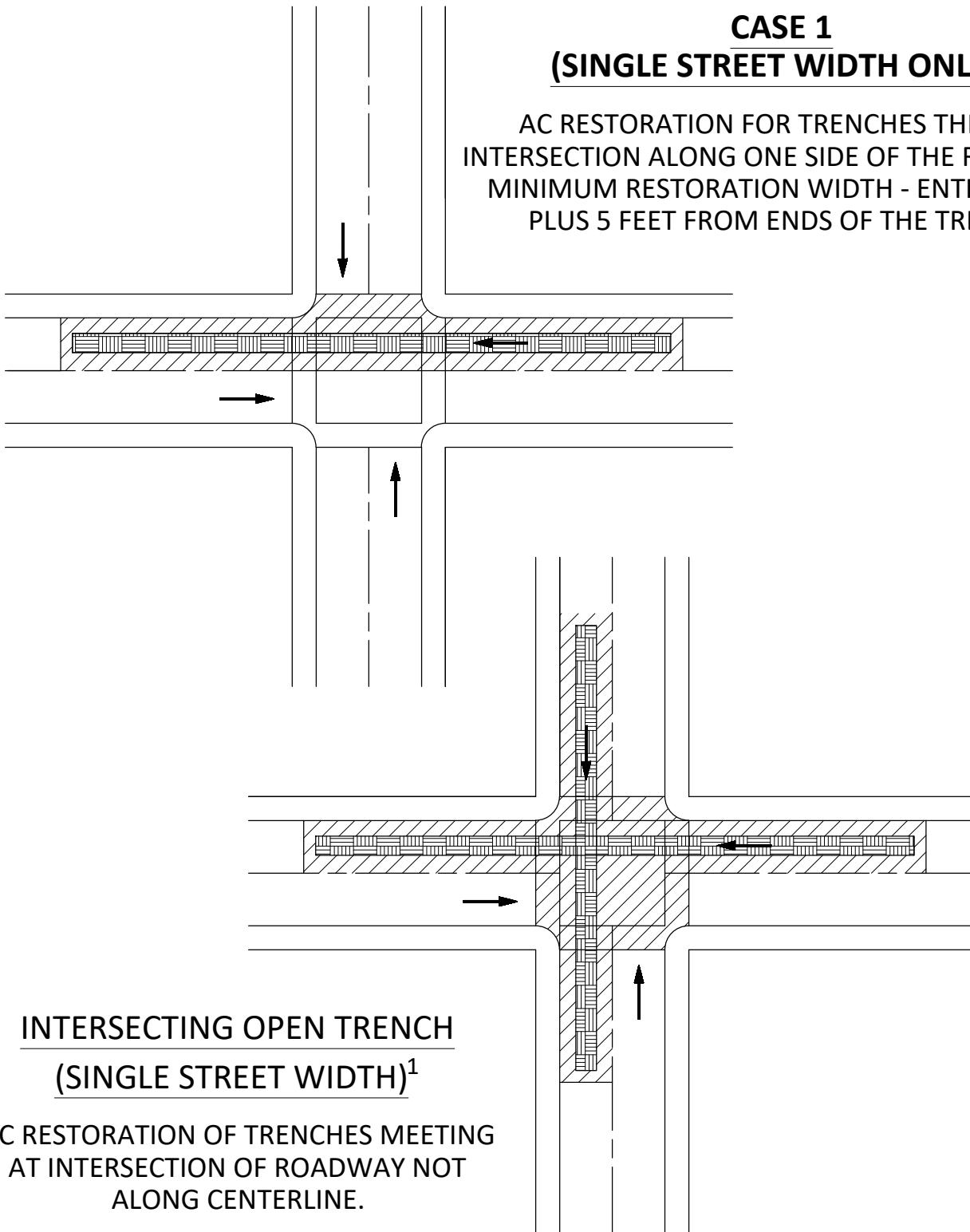
1. REFER TO R-10.1, "GENERAL NOTES" FOR ALL RESTORATION REQUIREMENTS.
2. "BLOCK" IS THE LINEAR LENGTH OF ROAD BETWEEN THE TWO NEAREST CROSS STREETS.

CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	CENTERLINE OPEN TRENCH	APPROVED City Engineer
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS
					SHEET 5 OF 7
					DWG. NO. R-10.5

CASE 1
(SINGLE STREET WIDTH ONLY)¹

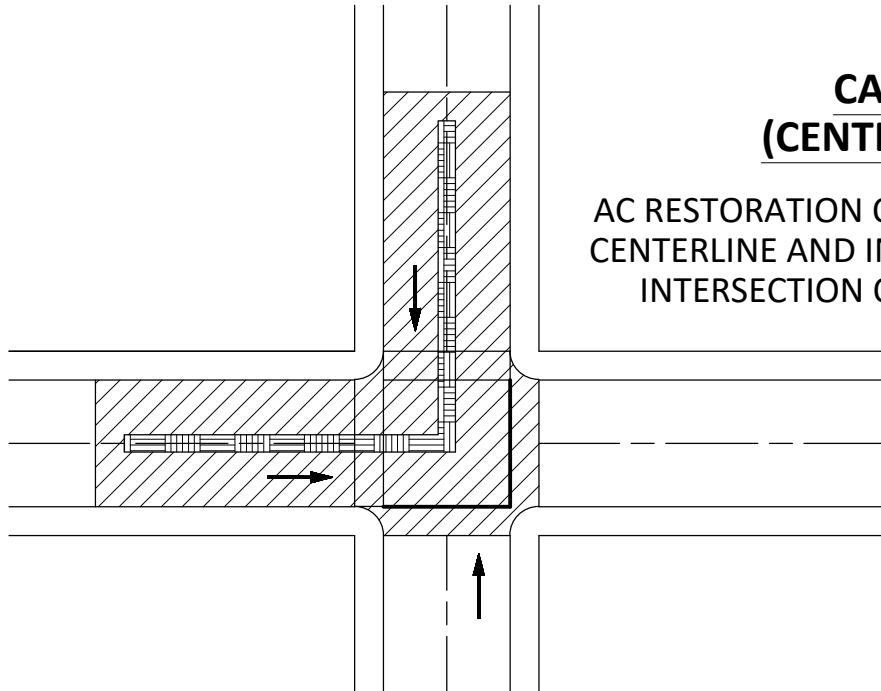
AC RESTORATION FOR TRENCHES THRU AN
INTERSECTION ALONG ONE SIDE OF THE ROADWAY.
MINIMUM RESTORATION WIDTH - ENTIRE LANE
PLUS 5 FEET FROM ENDS OF THE TRENCH



* NOTE: REFER TO R-10.1, "GENERAL NOTES" FOR ALL RESTORATION REQUIREMENTS.

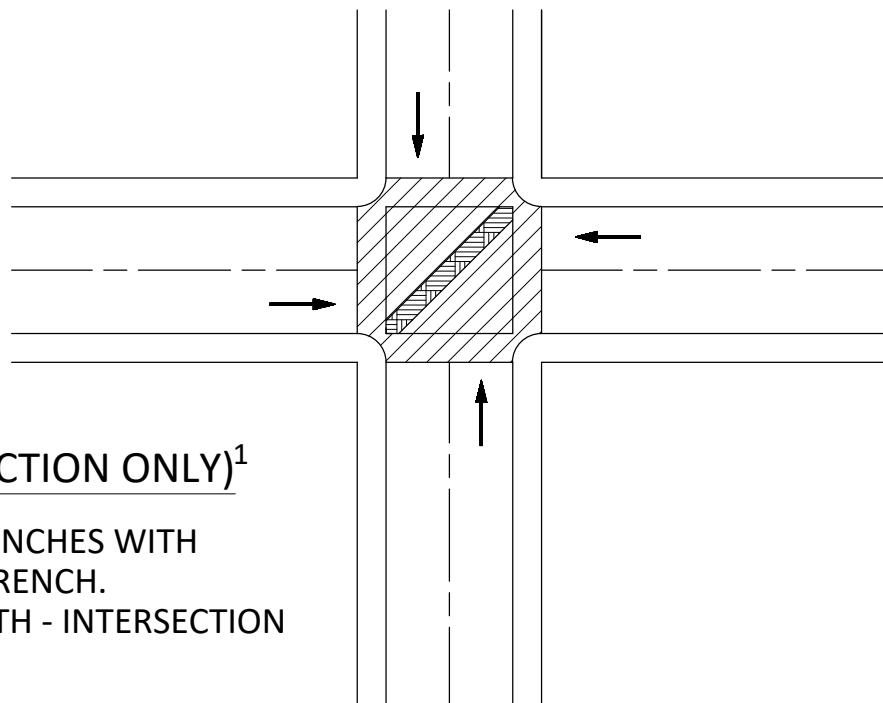
CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	SINGLE LANE AISLE TRENCH THRU INTERSECTION	APPROVED <hr/> City Engineer
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS
					SHEET 6 OF 7
				DWG. NO.	R-10.6



**CASE 3
(CENTERLINE)¹**

AC RESTORATION OF TRENCHES ALONG
CENTERLINE AND INTERSECTING AT THE
INTERSECTION OF THE ROADWAY.



**CASE 2
(DIAGONAL AT INTERSECTION ONLY)¹**

AC RESTORATION OF TRENCHES WITH
DIAGONAL OPEN TRENCH.
MINIMUM RESTORATION WIDTH - INTERSECTION

* NOTE: REFER TO R-10.1, "GENERAL NOTES" FOR ALL RESTORATION REQUIREMENTS.

CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	CENTERLINE AND DIAGONAL TRENCH RESTORATION	APPROVED	
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS	SHEET 7 OF 7
DWG. NO.					R-10.7	

City Engineer