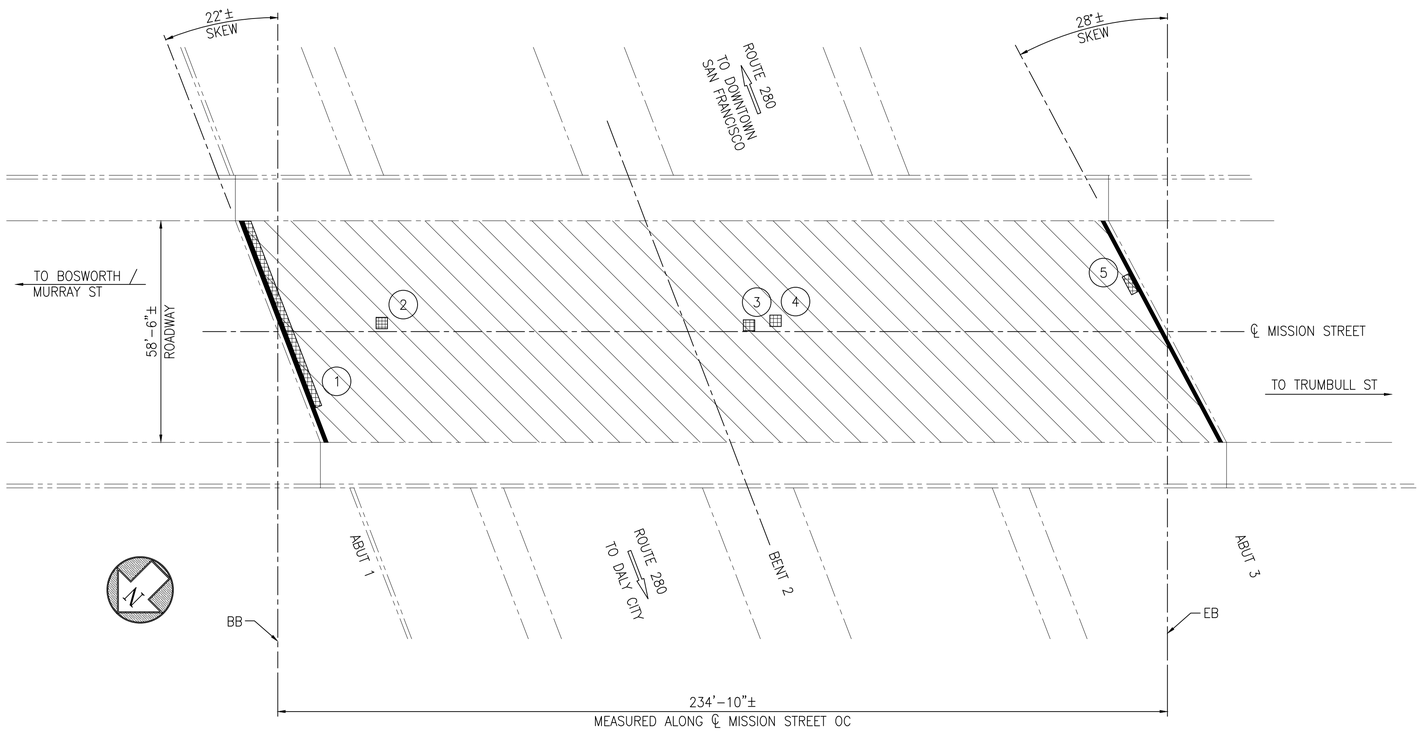

1 — DECK REPAIR PLAN
SCALE: 1" = 20'

NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
2. THE CONTRACTOR SHALL PERFORM VISUAL AND CHAIN DRAGGING INSPECTION TO IDENTIFY AND CONFIRM LOCATIONS AND AREAS OF DEFICIENCIES.
3. EXISTING REINFORCEMENT MAY BE ENCOUNTERED DURING BRIDGE DECK CONCRETE REMOVAL. EXISTING REINFORCEMENT SHALL BE PROTECTED DURING UNSOUND CONCRETE REMOVAL AND PATCHING OPERATIONS.
4. SAW CUTTING DEPTH SHALL NOT EXCEED 1-INCH OR THE THICKNESS OF THE CONCRETE COVER OVER THE TOP LAYER OF STEEL REINFORCING BARS, WHICHEVER IS LESS.
5. REMOVE UNSOUND CONCRETE AND UNSOUND PATCHES TO EXPOSE SOUND CONCRETE SUBSTRATE. REPLACE WITH A FAST-SETTING, PORTLAND CEMENT OR MAGNESIUM-PHOSPHATE BASED TRAFFIC GRADE REPAIR MORTAR.
6. AFTER PATCHING, CLEAN AND PREPARE DECK FOR TREATMENT WITH METHACRYLATE.

LEGEND:

- INDICATES LIMITS OF CLEAN AND TREAT BRIDGE DECK WITH METHACRYLATE.
- INDICATES LOCATION OF REMOVE EXISTING JOINT SEAL AND PLACE NEW JOINT SEAL.
- INDICATES LOCATION OF CONCRETE SPALL REPAIR.

DEFICIENCY NUMBER	APPROXIMATE DISTANCE TO NORTH SIDE OF DEFICIENCY FROM NORTH BRIDGE EXPANSION JOINT	APPROXIMATE DISTANCE TO EAST SIDE OF DEFICIENCY FROM WEST FACE OF CURB	APPROXIMATE AREA OF DEFICIENCY (LENGTH x WIDTH)	APPLICABLE REPAIR DETAIL
1	0'	6'-8"	56'-0" x 1'-6"	2/BR-3.0
2	13'	30'	2'-0" x 2'-0"	1/BR-3.0
3	125'	28'	2'-0" x 2'-0"	1/BR-3.0
4	130'	29'	2'-0" x 2'-0"	1/BR-3.0
5	210'	38'	5'-0" x 1'-6"	2/BR-3.0

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS
THIS DRAWING WAS LAST MODIFIED: 11/05/21 10:54, BY: dleung

REFERENCE INFORMATION & FILE NO. OF SURVEYS

SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO

SAN FRANCISCO PUBLIC WORKS
BUREAU OF ENGINEERING
CITY & COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC WORKS
49 SOUTH VAN NESS AVENUE, SUITE 800
SAN FRANCISCO, CA 94103

		Date:
Section Mgr:	RAYMOND LUI	11/05/2021
Deputy Bureau Mgr:	FERNANDO CISNEROS	12/09/2021
Acting Bureau Mgr:	IQBAL DHAPA	12/10/2021

DESIGNED:	JS	DATE: 11/2021
DRAWN:	DL	DATE: 11/2021
CHECKED:	RL	DATE: 11/2021

REGISTERED PROFESSIONAL ENGINEER — JOHN C. SPRINGER — No. S 4716 — STRUCTURAL — STATE OF CALIFORNIA — 11/05/2021

SCALE: AS SHOWN

SHEET OF SHEETS: 176 OF 210

MISSION STREET & GENEVA AVENUE IMPROVEMENTS PROJECT

DECK REPAIR PLAN
BR NO. 34-0012

CONTRACT NO. 1171I
DRAWING NO. BR-1.1
FILE NO. 120,742
REV. NO. 0

Drawing Path: V:\1171I Mission St and Geneva Ave Improvement Project Joint In SFMTA\2 Design\Working Drawings\BR\BR-1.1.dwg Layout: BR-1.1 User: dleung Plotted On: Nov 12, 2021