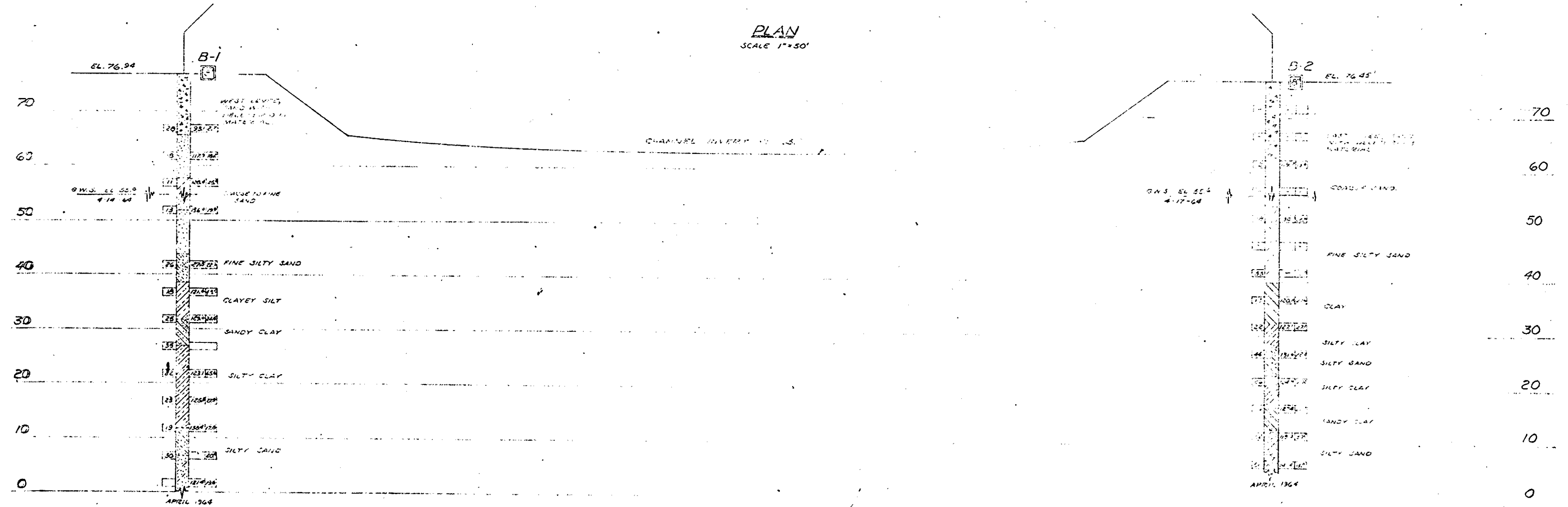
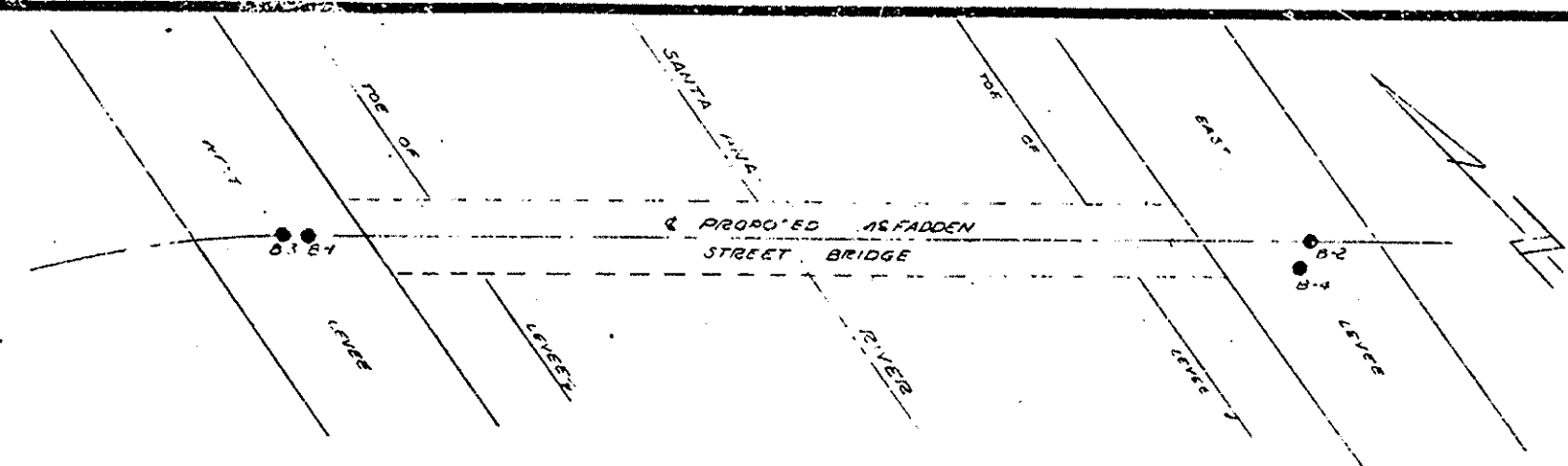




SECTION
SCALE 1 1/2" HORIZONTAL 1" VERTICAL 1"=10'

Const. of McFadden St. Bridge
(Sheet 1 of 2)
Date of field work: 4-17-64
By: [Signature]

FIELD STUDY
DRAWN
CHECKED
APPROVED
DATE

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES. IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

GRAVEL	SILTY CLAY OR CLAYEY SILT
SAND	PEAT AND/OR ORGANIC MATTER
SILT	FILL MATERIAL
CLAY	IGNEOUS ROCK
SANDY CLAY OR CLAYEY SAND	SEDIMENTARY ROCK
SANDY SILT OR SILTY SAND	METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2 1/4" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT

ROTARY BORING

Top Hole El. []
Casing driven []
Blows per foot (Using a 140 lb hammer with a 30" drop, or as noted) []
Description of material (Unit weight (lb/cu ft) []
% Moisture []
Date of measurement []
Estimated material change []
Unconformable material change []

PENETRATION BORING

Top Hole El. []
Pushed []
No count []
Blows per foot []
Date measured []

NOTES

The contractor's attention is directed to Section 2-1.05 of the Standard Specifications and to the Special Provisions accompanying this set of plans. Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

ORANGE COUNTY ROAD DEPARTMENT

McFADDEN STREET BRIDGE

SANTA ANA RIVER

LOG OF TEST BORINGS

SCALE AS SHOWN BRIDGE McFADDEN FILE DRAWING #14 OF 14