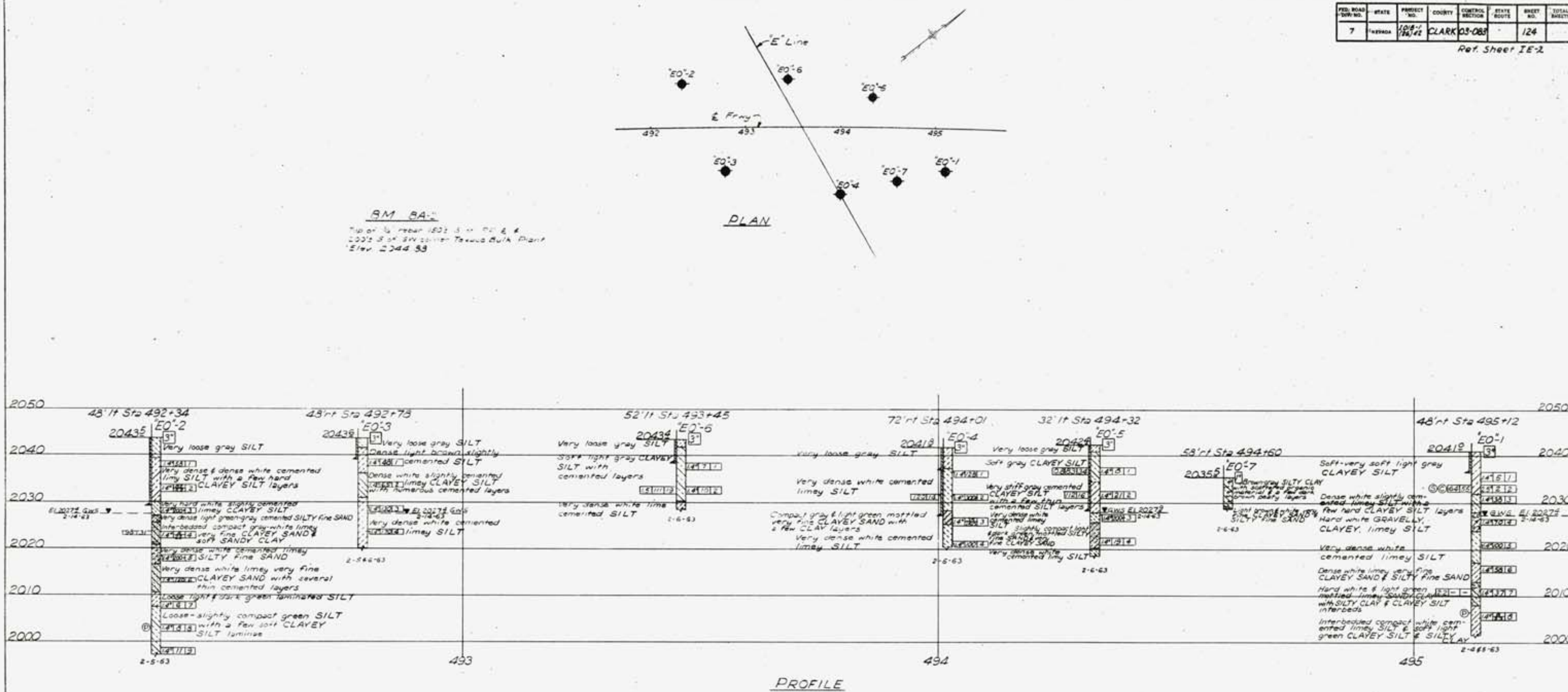
FED. ROAD DIV. NO.	STATE	PROJECT NO.	COUNTY	CONTROL SECTION	STATE ROUTE	SHEET NO.	TOTAL SHEETS
7	NEVADA	1018-1 (36) 42	CLARK	03-083		124	

Ref. Sheet IE-2



3303F-4

LEGEND OF EARTH MATERIALS

SIZE CLASSIFICATION

Diagram showing the basis of grainsize distribution used in determination of class names. Size classification is based on the Wentworth grade scale in field classification or the A.S.T.M. grade scale in the laboratory sieve analysis.

Classification of earth material shown on this sheet is based on field inspection and should not be construed to imply mechanical analysis unless so stated.

MATERIAL SYMBOLS

Gravel
Sand
Silt
Clay
Sandy clay or clayey sand
Sandy silt or silty sand
Silty clay or clayey silt
Peat or organic matter
Fill material
Shale
Sandstone
Limestone
Metamorphic rock
Igneous rock

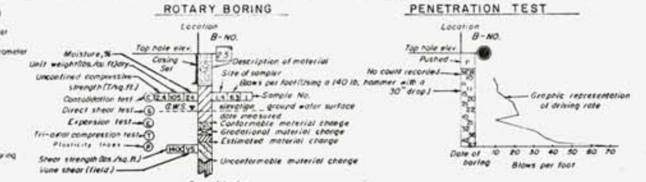
CONSISTENCY CLASSIFICATION

According to the Standard Penetration Test.

No. of blows	Granular	Cohesive
0-5	very loose	very soft
6-10	loose	soft
11-20	slightly compact	stiff
21-35	compact	very stiff
36-70	dense	hard
70+	very dense	very hard

LEGEND OF BORING OPERATIONS

Plan of any boring
Flush penetrometer
2.5" Cone penetrometer
Rotary boring
Auger boring
Sample boring
Jet boring
Diamond core boring
Test pit



MOORE AND TABER
ENGINEERS – GEOLOGISTS

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS

LOG OF TEST BORINGS

DOWNTOWN EXPRESSWAY INTERCHANGE
INTERSTATE OVER EXPRESSWAY
I-937N & I-937S

DE LEUW, CATHER & COMPANY
ENGINEERS
SAN FRANCISCO, CALIFORNIA

SCALE
DESIGNED BY
DRAWN BY
CHECKED BY
APPROVED BY H. R. Taber