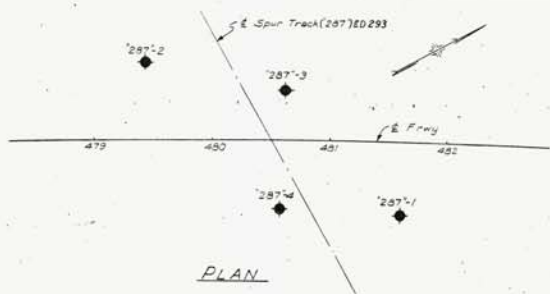
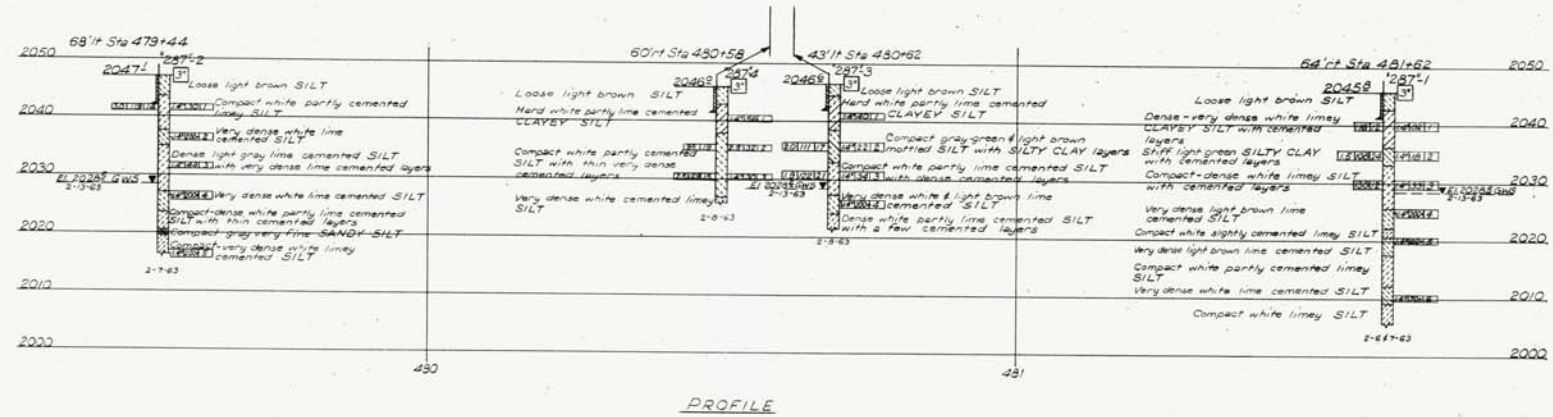


| FED. ROAD DIST. NO. | STATE  | PROJECT NO. | COUNTY | CONTRACT NO. | STATE ROUTE | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|--------|--------------|-------------|-----------|--------------|
| 7                   | NEVADA | 1018/150/42 | CLARK  | 03-083       |             | 103       |              |

Ref Sheet 1075-2



BM BA-2  
 Top of 3/4" rebar 180' S of RR & E  
 200' S of SW corner Nevada Bulk Plant  
 Elev. 2046.00



### LEGEND OF EARTH MATERIALS

| SIZE CLASSIFICATION  | MATERIAL SYMBOLS   | CONSISTENCY CLASSIFICATION   |              |          |          |     |            |           |      |       |      |       |                  |       |       |         |            |       |       |      |     |            |           |
|--|--|--|--------------|----------|----------|-----|------------|-----------|------|-------|------|-------|------------------|-------|-------|---------|------------|-------|-------|------|-----|------------|-----------|
| <p>Diagram showing the basis of grain size distribution used in determination of soil names. Size classification is based on the Wentworth grain scale - field classification or the U.S.C.M. sieve scales in the laboratory save SANDS.</p> <p>Classification of earth material shown on this sheet is based on field inspection and should not be construed to imply mechanical analyses unless so stated.</p> | <ul style="list-style-type: none"> <li>Gravel</li> <li>Sand</li> <li>Silt</li> <li>Clay</li> <li>Sandy clay or clayey sand</li> <li>Sandy silt or silty sand</li> <li>Silty clay or clayey silt</li> <li>Peat or organic matter</li> <li>Fill material</li> <li>Shale</li> <li>Sandstone</li> <li>Limestone</li> <li>Metamorphic rock</li> <li>Igneous rock</li> </ul> | <p>According to the Standard Penetration Test.</p> <table border="1"> <thead> <tr> <th>No. of blows</th> <th>Granular</th> <th>Cohesive</th> </tr> </thead> <tbody> <tr> <td>0-5</td> <td>very loose</td> <td>very soft</td> </tr> <tr> <td>6-10</td> <td>loose</td> <td>soft</td> </tr> <tr> <td>11-20</td> <td>slightly compact</td> <td>stiff</td> </tr> <tr> <td>21-35</td> <td>compact</td> <td>very stiff</td> </tr> <tr> <td>36-70</td> <td>dense</td> <td>hard</td> </tr> <tr> <td>70+</td> <td>very dense</td> <td>very hard</td> </tr> </tbody> </table> | 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 |
| 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

| ROTARY BORING   | PENETRATION TEST  |
|---|---|
| <ul style="list-style-type: none"> <li>Plan of any boring</li> <li>Flash penetrometer</li> <li>2.5" Cone penetrometer</li> <li>Rotary boring</li> <li>Auger boring</li> <li>Sample boring</li> <li>Jet boring</li> <li>Diamond core boring</li> <li>Test pit</li> </ul> | <ul style="list-style-type: none"> <li>Location</li> <li>Top hole elev.</li> <li>Pushed</li> <li>No count recorded</li> <li>Graphic representation of driving rate</li> <li>Date of boring</li> </ul> |

33035-5

MOORE AND TABER  
 ENGINEERS - GEOLOGISTS

STATE OF NEVADA  
 DEPARTMENT OF HIGHWAYS

LOG OF TEST BORINGS

RELOCATED UPRR SPUR TRACK 287 OVERPASS  
 G-936N & G-936S

DE LEUW, CATHY & COMPANY  
 ENGINEERS  
 SAN FRANCISCO, CALIFORNIA

SCALE: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 APPROVED BY: H. V. T. 10/10/68