STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION &
PUBLIC FACILITIES

PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
MENDENHALL LOOP ROAD & GLACIER SPUR
HES-0966 (IO)
BREAK-AWAY BASES
AS BUILT PLANS

INDEX OF SHEETS

1. TITLE SHEET
2. ESTIMATE OF QUANTITIES
2-8. PLANS & DETAIL

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT: A1, C-00-04, C-10-03, C-11-03, L-10-13, L-30-01

Contractor: Cochran Electric Co., Inc.
Project Engineer: Bill Boyd
Beginning Date: 5-12-79
Completion Date: 3-27-80

KEY MAP

HES-0966(10)
PROJECT SUMMARY

LENGTH OF PROJECT = 4,696.00 = 2,246
12,930.00 = 2,449 M.

BEGIN PROJECT
HES-0966 (IO)
STA "O" 24-96.00

END PROJECT
HES-0966 (IO)
STA "O" 217+28

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION &
PUBLIC FACILITIES

APPROVED
Walter Kisechkem DATE 3/1/79
SOUTHEASTERN REGION
DESIGN / CONSTRUCTION ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION &
PUBLIC FACILITIES

APPROVED
Dmitriy Halitchenko DATE 7/7-79
DIRECTOR - HIGHWAY DESIGN & CONSTRUCTION
**GENERAL NOTES**

1. Adapter Plate and spacers to be hot dip galvanized after fabrication in accordance with A516.
2. Torque the 7/8" Slip Base Bolts 800 in-lbs.
3. Adapter Plate shall conform to A516.
4. The contractor shall furnish (10) 7/8"-14 UNC 2B nuts and (10) 2" x 2 3/4" washers to:
   - Attach the adapter plate to the bottom slip base plate (each pile).
5. Bolts, nuts and washers shall conform to A516 A325. They shall be galvanized in accordance with A516 A535.
6. The existing pile caps in each pile shall be removed and a new molded quick disconnect shall be installed. The new disconnects shall be the Y-type, waterproof, in-the-line fuseholders, with breakaway features and fused at 100 amperes.
7. The disconnects shall be sized to the existing wire size.
8. If the existing ground wire is broken a new wire shall be installed at the contractors expense.
9. All existing ground wire shall be removed from the foundation and pile surface prior to installing the new adapter plate and slip base. After installation the base shall be re-ground.
10. Breakaway boxes to be installed at pile stationing shown on plans.
11. Wrench tighten the 7/8" adapter plate bolts to the bottom slip base plate. There is no torque requirement.
12. Existing anchor bolts may have to be shortened to allow installation of the slip base assembly.

**ESTIMATE OF QUANTITIES**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>PROJECT TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>11051</td>
<td>Material</td>
<td>L.R.</td>
<td>All Repl.</td>
</tr>
<tr>
<td>11051A</td>
<td>Maintenance of Traffic</td>
<td>L.S,</td>
<td>All Repl.</td>
</tr>
<tr>
<td>660-019-0</td>
<td>Lighting Standards Shear Base</td>
<td>Each</td>
<td>117</td>
</tr>
<tr>
<td>660(02)</td>
<td>KNEEL TO CONDUIT (EWD # 2)</td>
<td>L.S</td>
<td>All Repl.</td>
</tr>
<tr>
<td>660(02)89</td>
<td>REPLACE ANCHOR BOLTS (EWD # 2)</td>
<td>L.S</td>
<td>All Repl.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Station</th>
<th>Offset</th>
<th>Item</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 2+00</td>
<td>39&quot;</td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+10</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+20</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+30</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+40</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+50</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+60</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+70</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+80</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+90</td>
<td></td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+100</td>
<td>39&quot;</td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+110</td>
<td>39&quot;</td>
<td>Pole</td>
<td>400</td>
</tr>
<tr>
<td>V1 2+120</td>
<td>39&quot;</td>
<td>Pole</td>
<td>400</td>
</tr>
</tbody>
</table>