STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
DOUGLAS HIGHWAY (THIRD STREET)
GASTINEAU GRADE SCHOOL TO
ST. ANNE’S AVENUE
F-M-0958(5) 61308
&
DOUGLAS HIGHWAY SEALCOAT
69257

"No Change in Length"
F-M-0958(5)
PROJECT SUMMARY
STA. 94+69.14 TO 114+50.00
WIDTH OF OVERLAY = 41'
LENGTH OF OVERLAY = 1980.86' = 39 ml.

DESIGN DESIGNATIONS

AREA AT GASTINEAU SCHOOL
ADT 1986 ............ 4657
ADT 2007 ............ 5682
DHV .................. 795
W.T .................. 24
T.I .................. 7

AREA AT A.D.O.T./P.F.
ADT 1986 ............ 2578
ADT 2007 ............ 3146
DHV .................. 440
W.T .................. 30
T.I .................. 7

DESIGN SPEED
STA. 94+69.14 TO STA. 114+50.00 = 50 mph

* Indicates corners to be modified with wheelchair ramps

B.O.P. F-M-0958(5)
STA. 94+69.14
E.O.P. F-M-0958(5)
STA. 114+50.00

"AS BUILT"
contractor: Associated Seal and Gravel Co., Inc.
Project Engineer: Phil Speer
Construction Begins: June 4, 1987
Construction Completed: July 10, 1987

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APPROVED

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GENERAL NOTES

1. The basic bid consists of seal coating the two 12' driving lanes on Douglas Highway. The project begins at Cordova Street and ends at the beginning of the pavement overlay on Third Street in Douglas. Project No. FM-09585.

2. Supplemental Bid A includes seal coating the bike lanes and parking lanes for the length of the project.

3. Peak traffic hours are 7:00 AM - 8:30 AM and 4:00 PM - 5:30 PM, Monday thru Friday.

TRAFFIC CONTROL PLAN

1. Notes #2, 7, 8, 9, 10 of the Traffic Control Plan on sheet 3 apply to this project.

2. The Contractor shall keep the public advised of his construction activities through the news media.

3. Standard Drawings C-02.00 and C-03.01 shall apply to this project.

CONSTRUCTION SIGNS

<table>
<thead>
<tr>
<th>MUTCD NO.</th>
<th>LEGEND</th>
<th>SIZE</th>
<th>NO.</th>
<th>AREA SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM20-1F</td>
<td>Road Construction Ahead</td>
<td>48x48</td>
<td>2</td>
<td>32</td>
</tr>
<tr>
<td>CM20-1E</td>
<td>Road Construction 1500 Ft</td>
<td>48x48</td>
<td>2</td>
<td>32</td>
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<tr>
<td>CM20-1B</td>
<td>One Lane Road 1000 Ft</td>
<td>48x48</td>
<td>2</td>
<td>32</td>
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<tr>
<td>CM20-M</td>
<td>Flagman Advance Symbol 500 Ft</td>
<td>48x48</td>
<td>2</td>
<td>32</td>
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<tr>
<td>60-2</td>
<td>End Construction</td>
<td>24x24</td>
<td>2</td>
<td>20</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td>148</td>
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</table>

EVENTS OF IMPROVEMENT

1. [Diagram showing typical sections of improvement]

ESTIMATE OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ITEM DESCRIPTION</th>
<th>UNIT</th>
<th>QUANTITY</th>
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<tbody>
<tr>
<td>110(1)</td>
<td>Miscellaneous and Demobilization</td>
<td>L.S.</td>
<td>All Required</td>
</tr>
<tr>
<td>110(2)</td>
<td>Flagging</td>
<td>M.H.</td>
<td>300 - 500</td>
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<tr>
<td>110(3)</td>
<td>Traffic Maintenance</td>
<td>L.S.</td>
<td>All Required</td>
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<tr>
<td>110(4)</td>
<td>Construction Signs</td>
<td>S.F.</td>
<td>749.15</td>
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<tr>
<td>110(5)</td>
<td>Temporary Pavement Markings</td>
<td>L.S.</td>
<td>All Required</td>
</tr>
<tr>
<td>404(1)</td>
<td>CSS 1 Asphalt for Seal Coat</td>
<td>Ton</td>
<td>49.8</td>
</tr>
<tr>
<td>404(2)</td>
<td>CSS 1 Asphalt for Seal Coat</td>
<td>Ton</td>
<td>105.23</td>
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<tr>
<td>404(3)</td>
<td>Cover Coat Material, Type 2</td>
<td>Ton</td>
<td>105.51</td>
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<tr>
<td>404(4)</td>
<td>Painted Traffic Markings</td>
<td>L.S.</td>
<td>All Required</td>
</tr>
<tr>
<td>404(5)</td>
<td>Painted Traffic Markings</td>
<td>L.S.</td>
<td>All Required</td>
</tr>
</tbody>
</table>

BASIS OF BEGINNING

The project on Douglas Highway begins at the monument located at the intersection of the centerlines of Cordova Street and Douglas Highway.

BASIS OF ESTIMATE

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ESTIMATING FACTOR</th>
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<tbody>
<tr>
<td>404(1)</td>
<td>15 gal / 100 sq ft, 153 gal / 1000 sq ft</td>
</tr>
<tr>
<td>404(2)</td>
<td>15 gal / 100 sq ft</td>
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BIKE LANE DETAIL

[Diagram showing bike lane detail]