STATE OF MAINE
STATE HIGHWAY COMMISSION

PLAN AND PROFILE

STATE HIGHWAY
GRAFTON
OXFORD COUNTY
FEDERAL AID PROJECT NO. 256-5

TOTAL LENGTH - 0.757 MILES
Scales:
PLANS 1" = 50 FT.
PROFILE 1" = 50 FT.
VEG 1" = 5 FT.
CROSS SECTIONS 1" = 5 FT.

Bridge not a part of this project

50
70

Sheet 5

Sheet 4

Sheet 3

Sheet 2

Sheet 1

Layout Plan
Scale 1"=400'

Typical Section

Bridge not a part of this project

All work contemplated under this contract to be
performed by and in conformity with the Specifications
Tendered, May 1948, except as modified on these plans.

Approved:
Maine State Highway Commission

[Signatures]
GRAVEL SURFACE COURSE

12" GRAVEL BASE

Gravel Surface Course including shoulders - 16.03 C.Y. per 100 Lin Ft
2" Gravel Base Course both shoulders - 0.176 C.Y. per 100 Lin Ft

No bottom rounding with 4:1 slope.

18" GRAVEL BASE

18" Gravel Base Course including shoulders - 14.79 C.Y. per 100 Lin Ft

3" Gravel Base Course both shoulders massed - 0.166 C.Y. per 100 Lin Ft

Depth of bases as shown may be increased to meet local conditions.

VARmABLE GRAVEL BASE - 18" MINIMUM

6" Gravel Base Course both shoulders - 11.01 C.Y. per 100 Lin Ft

COBBLE STONE GUTTER

LEDGE AND GUARD RAIL

WIDENED & SUPERELEVATED

Note: Gravel Base shall be paid for as Gravel Borrow and billed under the specifications for Gravel Borrow Course.

For all sections depth of ditch and length of curve of top of sill depend on local conditions. Radius of curve approximately. 7" being 277 min and 8 ft max.

CURVES OF 6" OR MORE SHALL BE LIMITED TO A RADIUS NOT LESS THAN 50 FT. CURVES OF 3" OR LESS SHALL BE LIMITED TO A RADIUS NOT LESS THAN 50 FT.

The width of all ditches shall be at least 2 ft or 3 ft, whichever is greater. In cut, the width may be less than 3 ft.

CULVERTS

ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Cleaning &amp; Grabbing</td>
<td>1.4 Acre</td>
</tr>
<tr>
<td>12a</td>
<td>Earth Excavation</td>
<td>596.7 0.3</td>
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<tr>
<td>12b</td>
<td>Deck Excavation</td>
<td>0.3 0.3</td>
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<tr>
<td>12c</td>
<td>Trees Removed</td>
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<tr>
<td>13</td>
<td>Excavation for Structures</td>
<td>23 0.3</td>
</tr>
<tr>
<td>14a</td>
<td>Gravel Borrow</td>
<td>1625.4 0.3</td>
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<tr>
<td>14b</td>
<td>Sprayed Gravel</td>
<td>105 0.3</td>
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<tr>
<td>14c</td>
<td>Gravel Surface Course</td>
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<tr>
<td>15a</td>
<td>Slope of R.C.B.</td>
<td>2 0.3</td>
</tr>
<tr>
<td>15b</td>
<td>Base of R.C.B.</td>
<td>60 0.3</td>
</tr>
<tr>
<td>15c</td>
<td>C.M.R.</td>
<td>45 0.3</td>
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<tr>
<td>15d</td>
<td>C.M.P.</td>
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<tr>
<td>16a</td>
<td>Rock Guard</td>
<td>100.3 0.3</td>
</tr>
<tr>
<td>16b</td>
<td>Rock Guard</td>
<td>50 0.3</td>
</tr>
<tr>
<td>17a</td>
<td>Rock Guard</td>
<td>100 0.3</td>
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<tr>
<td>18c</td>
<td>Rock Guard</td>
<td>50 0.3</td>
</tr>
</tbody>
</table>

16" R.C.B. Construction

For all sections depth of ditch and length of curve of top of sill depend on local conditions. Radius of curve approximately. 7" being 277 min and 8 ft max.

Where a 2:1 slope is not possible a 1 1/2:1 slope or 45 degrees on embankment side of ditch where needed.

Curves of 6" or more shall be limited to a radius not less than 50 ft. Curves of 3" or less shall be limited to a radius not less than 50 ft. Curves shall have full superstructure and bottom on inside of curve. The radius of interior curve shall be 3.5 times the width of the ditch. The width of all ditches shall be at least 2 ft or 3 ft, whichever is greater. In cut, the width may be less than 3 ft.

The width of all ditches shall be at least 2 ft or 3 ft, whichever is greater. In cut, the width may be less than 3 ft. Widths of 3 ft or more shall be widened. The extra width expressed in feet is given by Formula 1 of 6. Widening and superdressing may be limited by sheeted conditions.

Use only 4:1 slope or grade rail on outside of superdressed curve.