NOTES:
1. Use this specification sheet for vegetative establishment on engineering projects. Refer to construction plans for detailed location of vegetation.
2. Establish vegetation on all non-crop areas disturbed by construction, in addition to the specified earthworks.
3. Prepare a firm seedbed. After the practice has been constructed to the design requirements, spread lime and fertilizer uniformly. Incorporate it into the soil to a depth of 3 to 4 inches with suitable equipment.
4. Seed grasses. Place seed $\frac{1}{4}$ to $\frac{1}{2}$ inch deep in a firm, even seedbed with a corrugated, roller type seeder. A grain drill or broadcast seeder may be used if followed by a corrugated roller or harrow to cover seed. A companion crop may be seeded at the same time and covered in the same manner.
5. Use a temporary vegetative cover when construction is completed in early summer, to stabilize the practice until a permanent grass mixture can be seeded. Remove the stabilizing crop prior to seeding permanent grass.
6. If mulch is required, apply uniformly and anchor. Hay or straw may be anchored by mechanical tacking, commercial tackifier or paper netting. Anchor commercial mulch products as specified by the manufacturer.
7. Seed Rates are based on pure live seed (PLS) per acre.

\[
PLS = (\% \text{ germination} + \% \text{ dormant seed}) \times \frac{\% \text{ purity}}{100}
\]

NOTES: _______________________________
____________________________________
____________________________________

**SEEDING SPECIFICATION**

<table>
<thead>
<tr>
<th>Material</th>
<th>Kind</th>
<th>PLS Lbs/Ac</th>
<th>Total lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Companion Crop</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen (N)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphorous ($P_2O_5$)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium ($K_2O$)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temp. Seeding</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mulch</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seeding Period _________________________
Seeding For ________________________ Acres

**PROJECT LOCATION**

Landowner | Location
--- | ---

Designed | Date
--- | ---

Drawn | M. Quinones 1/2/18
--- | ---

Checked
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Approved
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United States Department of Agriculture
Natural Resources Conservation Service

Vegetative Establishment Specifications

File No. IL-ENG-39
Drawing No.
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