PAVEMENT INDEX

A. 3" BITUMINOUS CONCRETE SURFACE COURSE (2 LIFTS) AND WEDGE/LEVELING COURSE.
B. 6" BITUMINOUS CONCRETE BASE COURSE (2 LIFTS)
C. 6" AGGREGATE BASE COURSE.
D. MILL EXISTING PAVEMENT AS REQUIRED AND RESURFACE WITH A MINIMUM 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE TO MEET PROPOSED GRADES.
E. MILL EXISTING PAVEMENT.
Notes:
1. Traffic control during the various stages of construction should follow the standards and specifications of Maryland State Highway Administration "Work Zone Traffic Control Standards." The layouts depicted are typical for the type of traffic control. Precise locations of traffic control devices should be defined at the site to meet field conditions.
2. Channelizing devices shall be Drake as specified in MUTCD Section 304.
3. Temporary concrete barriers shall be used during Stage 1B on the bridge approaches and on the off/on ramp. Precautionary signs should be placed upon the barriers and on the drill on the approaches to the bridge.
4. Tap/Length L, for lane closure shall be 600 feet.
5. Signs of channelizing drums shall be:
   - 50 feet for tap
   - 100 feet for tandem
Stabilization Specifications

1. Foreword
   - This document provides guidelines for stabilizing construction sites.
   - It includes requirements for soil treatment, vegetation, and erosion control.

2. General Components
   - The specification covers a range of materials and techniques.
   - It emphasizes the importance of minimizing environmental impact.

3. Soils
   - Soil types and their properties are detailed.
   - Recommendations for soil stabilization methods are provided.

4. Vegetation
   - Types of vegetation suitable for stabilization are described.
   - Techniques for planting and maintenance are outlined.

5. Erosion Control
   - Measures to prevent soil loss during construction are specified.
   - Include temporary and permanent measures.

6. Maintenance
   - Post-construction care is essential for long-term stabilization.
   - Recommendations for ongoing monitoring and maintenance are given.

7. Additional Considerations
   - Climate and geographical factors influence the selection of methods.
   - Local regulations and codes must be followed.

Table 28: Permanent Seeding for Low Maintenance Areas

<table>
<thead>
<tr>
<th>Species</th>
<th>Coverage</th>
<th>Rate (lbs/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasses</td>
<td>Complete</td>
<td>500</td>
</tr>
<tr>
<td>Shrubs</td>
<td>Partial</td>
<td>750</td>
</tr>
</tbody>
</table>

Table 29: Temporary Seeding Rates, Depths, and Dates

<table>
<thead>
<tr>
<th>Species</th>
<th>Rate (lbs/acre)</th>
<th>Depth (inches)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasses</td>
<td>500</td>
<td>1</td>
<td>6/15</td>
</tr>
<tr>
<td>Shrubs</td>
<td>750</td>
<td>2</td>
<td>7/15</td>
</tr>
</tbody>
</table>

Sediment Control Notes

1. General
   - Sediment control is crucial during construction to protect water bodies.
   - Measures include silt fences, sediment basins, and erosion control blankets.

2. Silt fences
   - Placement and maintenance are critical to intercept runoff.
   - Silt fence locations are shown in the diagrams.

3. Sediment basins
   - Design and construction details are provided.
   - Basins should be large enough to hold runoff.

4. Erosion control blankets
   - Applications and materials are specified.
   - Blankets should be applied according to manufacturer's instructions.

5. Monitoring
   - Periodic inspection is necessary to ensure effectiveness.
   - Records of maintenance and monitoring should be kept.

6. Conclusion
   - Implementation of sediment control practices is essential for sustainability.
   - Coordination with local authorities is important for compliance.

TROY HILL DRIVE
U.S. ROUTE 1 IMPROVEMENTS
EROSION & SEDIMENT CONTROL NOTES & DETAILS

TROY HILL CORPORATE CENTER
PHASE II

DESIGNED: P.R.C.
DRAFTED: K.E.
CHECKED: P.R.C.
SCALE: AS NOTED

HOWARD COUNTY, MARYLAND
ELECTION DISTRICT 1
APR. 15, 1990
SHEET 23 OF 23

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- Stabilization Specifications
- Sediment Control Notes
- Table 28: Permanent Seeding
- Table 29: Temporary Seeding

For a complete understanding of the project, refer to the full set of plans and specifications.