**SECTION 153.64 O.R.C.**

**PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE UTILITIES SIZES**

<table>
<thead>
<tr>
<th>NO. TREES</th>
<th>NO. STUMPS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
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<td>18</td>
</tr>
<tr>
<td>30</td>
<td>1</td>
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</tr>
<tr>
<td>48</td>
<td>0</td>
<td>48</td>
</tr>
<tr>
<td>60</td>
<td>1</td>
<td>61</td>
</tr>
</tbody>
</table>

**SEEDING AND MULCHING**

The following quantities are provided to promote growth and care of permanent seeded areas:

- **659, SEEDING AND MULCHING 30 SY**
- **659, REPAIR SEEDING AND MULCHING 1 SY**
- **659, SOIL ANALYSIS TEST 2 EACH**
- **659, TOPSOIL 34 CY**
- **659, COMMERCIAL FERTILIZER 0.05 TON**
- **659, LIME 0.1 M3**
- **659, INTER-SEEDING 1 SY**
- **659, WATER 2 M3**

- Apply seeding and mulching to all areas of exposed soil between the right-of-way lines, and within the construction limits, for areas outside the right-of-way lines covered by work agreement and temporary easement. Quantity calculations for seeding and mulching are based on these limits.

**GENERAL NOTES**

**VERTICAL POSITIONING**

- **Primary Project Control Monuments Govern All Positioning**
- **Primary Project Control**
- **Positioning Method: Static GPS**
  - **Horizontal Positioning**
  - **Ellipsoid: GRS80**
  - **Map Projection: Lambert Conformal Conic**
  - **Grid System: Ohio State Plane - South Zone**
  - **Combined Scale Factor: 1.00009007**
  - **Origin of Coordinate System: 0,0**

**Positioning, and Horizontal Positioning Parameters**

- **For all surveying:**
  - **Positioning Method: Static GNSS**
  - **Primary Project Control Monuments Govern All Positioning**
  - **Positioning Parameters**
    - **Azimuth Mark - Steel**
      - **CP1**
        - **Point Number: 648747,989**
        - **U.S. Survey Feet: 208554,475**
        - **öğretmic Elevation: 634,60**
        - **Description: Project Control - Steel Rod Set in Concrete**
    - **CP2**
      - **Point Number: 648970,005**
      - **U.S. Survey Feet: 208450,932**
      - **Optometric Elevation: 636,54**
      - **Description: Project Control - Steel Rod Set in Concrete**
    - **CP3**
      - **Point Number: 648716,067**
      - **U.S. Survey Feet: 208543,291**
      - **Optometric Elevation: 655,38**
      - **Description: Landmark Mark - Steel Rod Set in Concrete**
    - **CP4**
      - **Point Number: 647688,776**
      - **U.S. Survey Feet: 208497,740**
      - **Optometric Elevation: 656,63**
      - **Description: Landmark Mark - Steel Rod Set in Concrete**

**RESIDENTIAL AND COMMERCIAL DRAINAGE CONNECTIONS**

- Existing roof drains, footer drains, or yard drains disturbed by the work shall be provided with undisturbed outlets by connecting a conduit through the curb or into a drainage structure. The location, type, size and grade of the new conduit required to replace, or extend, the existing drain will be determined by the engineer.

- The following conduit types may be used: 707, 33, 707, 41 non-perforated, 707, 42, 707, 43, 707, 44, 707, 46, 707, 47, 707, 51, 707, 52, 707, 55.

- The following estimated quantities have been included in the general summary for use as directed by the engineer for the work noted above:
  - **611, 6” Conduit, Type B**
    - **90 ft.**
  - **611, 6” Conduit, Type C**
    - **90 ft.**
  - **611, 6” Conduit, Type F**
    - **90 ft.**
  - **611, 6” Conduit, Type F**
    - **90 ft.**

**PROFILE AND ALIGNMENT**

The proposed pavement resurfacing shall follow the alignment shown on the plan view sheets. The proposed profile shall follow the proposed elevations shown on the cross section sheets. The proposed resurfacing, including the concrete overlay, shall vary to produce the proposed elevations shown on the cross sections.