### Bill of Reinforcing Steel

<table>
<thead>
<tr>
<th>No. W</th>
<th>Shape</th>
<th>Location</th>
<th>No. Ea.</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>H</th>
<th>K</th>
<th>Total</th>
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#### Designations
- **B**: Number of bars
- **C**: Weight of bars
- **D**: Nominal Size Bar
- **E**: Weight of bars
- **F**: Actual Size Bar
- **H**: Nominal Length
- **K**: Actual Length

**Notes**
- This drawing is not to scale. Follow dimensions.
- If a seal is present on this sheet, it has been electronically sealed and dated.

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### Shear Reinforcement

- **90° Stirrup**: Dimensions and dimensions for 90° stirrups are shown.
- **135° Stirrup**: Dimensions and dimensions for 135° stirrups are shown.

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**Reinforcing Steel (Grade 60)**

- FY = 60,000 PSI.
- Be placed on inside of spirals. Length and weight of column spirals do not include actual lengths.
- Nominal lengths are based on out to out dimensions shown in bending diagrams and no. ea. = number of bars of each length.
- Actual lengths are measured along centerline bar to the nearest inch.

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**End Hook Dimensions**

- Hooks and bends shall be in accordance with the procedures as shown on this sheet.
- All standard hooks and bends other than 180 degree are to be bent with same procedure as for 90 degree standard hooks.

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**Dimensions**

- All dimensions are given in inches. Make sure to follow these dimensions as shown on this sheet.
- Dimensions are for reinforcing steel. Spaces are not to exceed 2 inches.

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**Location**

- Jefferson City, MO 65102

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**Prepared Date**

- 6/25/2021

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**Effective Date**

- July 2021

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**Supersedes**

- Feb. 2021

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**District**

- Missouri Highways and Transportation Commission

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**Contact**

- 1-888-ASK-MODOT (1-888-275-6636)