

EQRB Consulting Parties Advisory Group

DRAFT TASK ASSUMPTIONS FOR 3-D SCAN

Multnomah County will obtain a 3-D scan of the Burnside Bridge and make the scan available to Consulting Parties and the public through the County website and upon request during construction. Upon completion of the project, Multnomah County will archive the data in the County's permanent electronic records management system.

The selected contractor will provide a 3-D scan based on the following assumptions:

Content

- The entirety of the Burnside Bridge will be scanned including the approaches.
- The top, bottom, and interior areas of the bridge will be scanned, including the mechanical rooms, counterweight pits, operator towers, walking balcony, and all railings.
- The scan will capture the bridge in the open and closed positions.

Specifications

- Scans will be captured in true color and will have an RGB color designation for the X, Y, Z coordinates.
- Scans will be registered into a common coordinate system and will be exported for use in a common software package.
- A 3-D model will be created from the point cloud data.
- An animation of the bridge opening and closing may be provided.