



JBD EXCAVATION WORK PLAN

Bellefield Office Park – Sewer Replacement Project

Prepared for: Washington State Department of Ecology

Submitted by: JBD Excavation

Date: 11/25/25

1. Project Description & Timing

JBD Excavation will perform replacement of an existing sanitary sewer line within the Bellefield Office Park. Work will consist of excavating an entry pit and exit pit on either side of 114th Ave SE, installing a new 3-inch HDPE sewer line via directional drilling (up to 150 feet, maximum depth 6 feet), and reconnecting to the existing system. After installation, all excavations will be backfilled, compacted, and restored to pre-work condition.

Estimated Schedule:

- Mobilization: 12/8/25
- Excavation of pits: 12/8/25
- Directional drilling and pipe installation: 12/9/25-12/11/25
- Restoration and demobilization: 12/12/25

2. Location & Depth of Work

Work will occur on both sides of 114th Street SE within Bellefield Office Park.

- Entry Pit: 8' L x 4' W x 3' D
- Exit Pit: 8' L x 4' W x 3' D
- Directional Bore Path: Up to 150 linear feet, maximum depth 6 feet below ground surface.

A site map showing pit locations and bore alignment will be attached to the submitted document.

3. Worker Safety Plan (H&SP)

All work will be conducted under JBD Excavation's standard Health & Safety Plan, including:

- Daily Job Hazard Analyses (JHAs)
- PPE requirements: hard hats, safety vests, gloves, safety glasses, steel toe boots
- Trench safety and shoring per WAC 296-155 Subpart P
- Air monitoring if odors or stained soils are encountered
- Protocol for stopping work if unexpected conditions arise
- Traffic control safety plan consistent with MUTCD standards



4. Contaminated Soil Handling & Disposal (CMMP)

If contaminated soil is encountered, JBD Excavation will:

1. Segregate and stockpile suspect soils on poly sheeting with cover.
2. Sample soils as required.
3. Transport contaminated soil to CleanEarth treatment facility located at 20245 77th Ave S, Kent.
4. Maintain disposal documents for inclusion in the follow-up report.

5. Restoration of Pavement / Surface Cap

Following installation:

- Pits will be backfilled and compacted in lifts.
- Pavement or landscape features will be restored to original condition.
- Any disturbed traffic control devices or striping will be replaced.

6. Covenant Compliance / Special Considerations

To comply with environmental covenant requirements:

- No groundwater will be pumped without approval.
- Contaminated soils will be managed per CMMP.
- Excavation depths will be minimized.
- BMPs will be used to prevent stormwater impacts.
- Measures will be in place to prevent off-site tracking of soils.

7. Follow-Up Reporting

If contamination is encountered, JBD Excavation will submit a completion report including:

- Description of contamination encountered
- Disposal tickets and manifests
- Soil quantities removed
- Photographs of excavation and soil management

Report will be submitted within 10 business days of completion.

Kiewit Infrastructure Engineering

Stantec

114th Ave SE

114th Ave SE

exit bore pit

entry bore pit

114th Ave SE

