



Directional Bore Work

Engineered Plans

Ogden City Engineering requires engineered, detailed plans showing locations of all excavations (*including bore pits, vaults, hand-hold boxes, pedestals, etc*) and also showing the location of the bore path (dimensioned off of back of curb or sidewalk). The plans must also show all utilities that are crossed or a running in close proximity to the proposed bore. These plans must either be produced by a company that currently has a franchise agreement with Ogden City, or stamped by a licensed professional engineer. **The stamp must be signed and dated prior to submittal** (*Utah Admin. Code 156-22-601, 1c*)

Bore Path: Location and Depth Constraints

Bore path must be a minimum of 3ft BOC (Back of Curb) in areas with park strip, and 3ft BOW (Back of Walk) where the sidewalk is directly behind the curb, to allow space for water meter boxes behind the curb. **Maximum allowable horizontal deviation from bore path is 12" in either direction.**

Minimum allowable cover of conduit installed by directional bore is 2 feet, unless a greater depth is specified in the submitted plans.

Accepted Drawing Scales

Drawing scales of 1:10 and 1:20 are accepted for detail-level drawings. Drawing scales of 1:30, 1:40 and 1:50 are preferred scales for submitted Site Plan drawings. **Drawing scales greater than 1:50 are not accepted due to the level of detail required in the submitted Site Plan.**

Utility Cabinets

All utility cabinets must be located back of walk in the PUE/MUE. No cabinets are allowed in the park strip unless expressly authorized by the City Engineer.

No utility cabinets are allowed within intersection **Sight Triangles**, as defined in Ogden City Code 7-3-2

No vaults, handholes or other underground boxes are allowed in the corner zone due to current and future ADA ramp placements.

Utility Easements (PUE/MUE & Private)

All Utility Easements (Public, Municipal or Private) that are being used within the scope of work being performed **MUST** be shown on the submitted plans.

Bore Logs

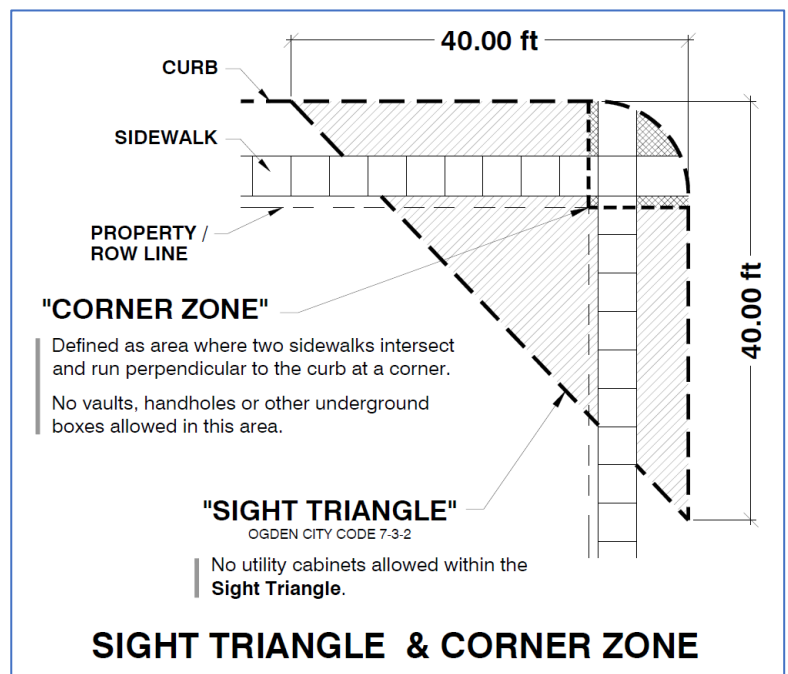
All Bore Logs must be submitted to the Engineering Inspector

Video Inspection

A video inspection may be required at the discretion of the Engineering Inspector to verify that a city utility lateral or main has not been damaged in the process of the bore.

Preconstruction Meeting

An on-site Preconstruction Meeting is required with all directional bore jobs in Ogden City at least 24 hours (1 business day) prior to work starting. Please contact your assigned Engineering Inspector to Schedule.





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Using City Water for Bore Work

Contractors connecting to the fire hydrants within Ogden City's water system MUST have a city-issued hydrant meter as part of that connection. **Those connecting without a hydrant meter will be prosecuted for theft of services.**

Utility and Infrastructure Repairs

Contractor shall be responsible for damage or destruction to property and/or utilities during the course of construction, including pipelines, culverts, conduits, cabling, asphalt and concrete pavement. Such damages must be repaired quickly, and restored to a condition equal to or better than it was previous to the bore job. The existing site condition will be assessed during the pre-construction meeting.

Landscape Restoration and Repairs

Landscaping at bore-pit locations or any other locations damaged or disturbed by contractor MUST be restored to a condition equal to or better than it was previous to the bore job. Any components of an irrigation or sprinkler system (pipe, control wire) that are damaged as a result of permitted directional bore work must be repaired immediately upon discovery.

Irrigation / Sprinkler Repair

Testing of sprinkler (or irrigation) systems crossed by the bore is a requirement to finalize the permit and close out work. Contractor will still be liable for damage incurred to irrigation and sprinkler systems during the course of a directional bore job during the fall/winter/spring seasons when irrigation systems are not charged.

Homeowner/Property owner will have until July 31st of the following summer to submit a damage claim to Ogden City. Upon discovery that the reported damage was indeed caused by the bore job, the Contractor will immediately repair said damage.

Failure to repair / replace damaged landscaping, utilities & infrastructure in a timely manner may result in the suspension of current and future work and will result in claims filed against the contractor's bond.

Boring Under a River

Boring under a river requires prior approval from the necessary state and federal agencies. Those approvals must be in place for permit issuance.

Working Near Trees in the Right-of-Way

Trees in the park strip and other areas of the Right-of-Way are owned and maintained by Ogden City. All concerns dealing with tree trimming, broken branches or the health of city trees should be directed to the Ogden City Urban Forester (801-629-8284)

Contractors must take measures to protect the trees while working in the City Right-of-Way. See documents linked below:

- **Protecting City Trees while working in the City Right-of-Way**
<https://www.ogdencity.com/DocumentCenter/View/17631/Protecting-City-Trees-in-the-ROW>
- **Urban Forestry Contractor Packet**
<https://www.ogdencity.com/DocumentCenter/View/8691/Urban-Forestry-Contractor-Packet>