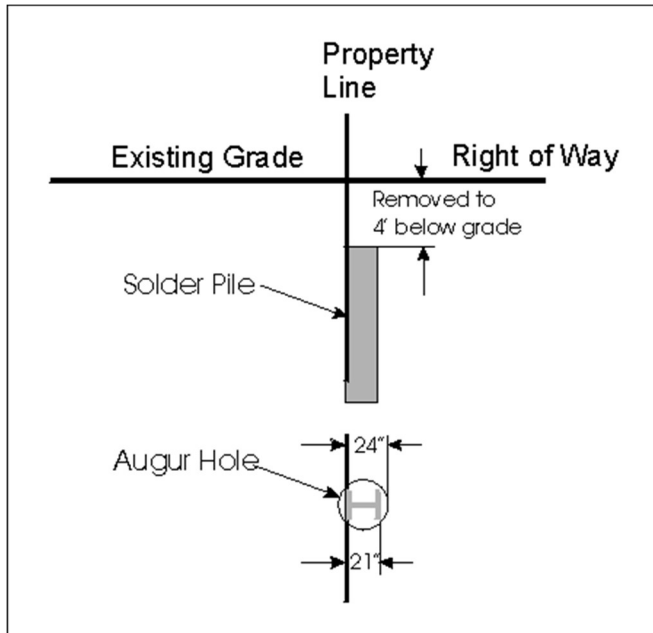


**DEPARTMENT OF PUBLIC WORKS
PRE-APPROVED PLANS POLICY****Policy R-4: USE OF TEMPORARY SOIL NAILS****Temporary Soil Nailing/Tie-back and cantilever Soldier Pile Beams in the Public Right-of-way or Public Easement**

Permitting and Construction Conditions:

1. The use of temporary soil nails/tie-backs ('soil nails') and soldier pile beams within public rights-of-way or public easements is approved only on a case-by-case basis by the Wenatchee Public Works Department through the issuance of a Right-of-way or Land Surface Modification Permit. Approval will only be granted if there is sufficient evidence that the right-of-way or utilities will not be impacted by the soil nails or soldier piles.
2. If approved, the design and installation of soil nails must show that they will avoid existing utilities. If utilities are impacted by soil nails or the installation of soil nails, the cost of relocating or repairing utilities is the responsibility of the permittee.
3. Provide liability insurance in accordance with WCC 7.28.040. The permit will not be issued without having the required insurance in place.
4. The auger hole may extend 24" into the right-of-way and the steel soldier pile component, 21". (Please refer to figure below for clarity).
5. Any installation of soil nails within the public right-of-way or public easement shall be de-stressed/de-tensioned, clipped or otherwise removed from being effective after the temporary need is eliminated or as prescribed by the Public Works Department (as an example, once the permanent foundation has cured).
6. Provide as-constructed plans identifying any encroachments remaining after construction.
7. Permanent soil nails within the public right-of-way or within an easement are **not** permitted.
8. Entry and inspection is to be granted by the applicant, contractor, and the property owner for the authorizing official to enter upon the property at reasonable times and to inspect and investigate the soil conditions, the progress of the excavation or fill, or any facts and circumstances related to the application and permit.

9. A video inspection of sewer and storm line in the vicinity of the soil nailing is required after the nails are installed.
10. Soldier Pile Shoring is allowed at the property line in the ROW if applicant agrees to remove the lagging, cut the piling and any concrete encasement to a minimum of 4 ft. below finished grade or at least one foot below any crossing utilities, whichever is greater, prior to when project is complete.



11. Daily inspection by geotechnical engineer with reporting to the city shall be performed at the permittees expense during excavation and installation of shoring.
12. The City may require the applicant to hire a licensed geotechnical engineer to set up settlement monitoring program for all right-of-way frontages.

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