**Typical Section**

Shown for soldier pile with P.G.A. Simlar for soldier pile without P.G.A.

P.G.A. Permanent Ground Anchor

Laddoing System shall be designed by the Contractor and submitted to the Engineer for approval. The soil type for timber laddoing is ___________________.

Use control density fill when placed in the dry. Use lean pumpable concrete when placed in the wet.

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**Plan - Soldier Pile**

**Wall Without P.G.A.**

Wall with P.G.A.

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**Bridge and Structures Office**

Washington State Department of Transportation

LAGGING IN SERVICE

LESS THAN 36 MONTHS