

PILES ADJACENT TO EXISTING ROADWAY OR PRIVATE PROPERTY

Driving long battered retaining wall piles adjacent to existing roadway or private property require pile leads that may overhang the traveled way or private property. This is a hazardous condition and every effort should be made to avoid or minimize the hazard.

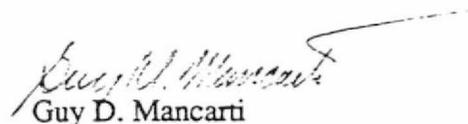
Some possible solutions that should be considered during the project development stage to minimize the hazard are:

1. Investigate the feasibility of using other earth retaining systems that do not require the use of battered piles.
2. Use additional vertical piles in place of battered piles.
3. Use larger diameter vertical piles to increase lateral resistance.
4. Reduce the pile batter, which will require additional piles.
5. Specify that the battered piles be predrilled to reduce the overhang of the leads over the traveled way or private property.
6. Discuss with the District Project Engineer, the feasibility of detouring traffic during pile driving operations.

Where battered piles encroach on property outside of the right-of-way lines, the District Project Engineer should be informed as soon as possible that an easement is required.



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TPJ/jgf

Supersedes Memo to Designers 3-4 dated August 1977