

**APPENDIX G**  
**SCDOT SOFTWARE LIST**

**GEOTECHNICAL DESIGN MANUAL**

*January 2019*



# APPENDIX G

## SCDOT SOFTWARE LIST

The following list contains the software (both commercially available and non-commercial) used by SCDOT. Consultants are not required to have the same software as the Department. This is provided for reference to the consultants. The non-commercial software is used exclusively internal to the Department.

### Commercial Software

GSTABL7 with STEDwin  
Slide  
PYWall  
MSEW  
ReSSA  
FoSSA  
SNAP2  
APILE  
LPILE  
Shaft  
GRLWEAP  
FB Deep  
RSPile  
DEEPSOIL  
SHAKE2000  
D-MOD2000  
RspMatchEDT  
SLAMMER  
CLiq  
gINT  
CPeT-IT2  
SectionMaker

### Non-Commercial Software

SCENARIO-PC  
SCDOT SHAKE  
ADRS - Site Class & Andrus (Excel spreadsheet)  
SPT-SSL\_Idriss and Boulanger (Excel spreadsheet)  
SPLiq (Excel Spreadsheet)  
Bridge Abutment Backwall Seismic Passive Pressures (Excel spreadsheet)  
ERS-Grd Imp Selection Matrix (Excel Spreadsheet)