

EXECUTIVE SUMMARY

This document provides facing selection guidance and example details for Reinforced Soil Slopes (RSS). The guidelines can be used to identify suitable RSS facing types based on project characteristics. Example facing details are included in Appendix A. Selection of an appropriate facing can reduce the risk of sloughing, surficial slope failure, and erosion and protect the soil reinforcement in a reinforced slope. Information gathered from government agency publications, journal articles and manufacturer literature are the basis for the information provided herein. General information on establishing vegetation on the RSS face is provided. A vegetation specialist should be consulted for specific details on vegetation selection and implementation. The guidelines are intended for RSS and may not apply to mechanically stabilized earth walls (MSEW) or un-reinforced slopes. The RSS facing systems presented in this document are a collection of commonly used designs and may exclude certain project-specific configurations. The guidelines are intended to aid local agency designers and promote the more widespread use of RSS technology.