GENERAL NOTES

CONCRETE

STATEMENT OF SPECIAL INSPECTIONS

SPECIAL EXPOSURE REQUIREMENTS
& BASIC CORROSION PROTECTION

CONCRETE MIX DESIGN TO MEET REQUIREMENTS OF AN EXPOSURE CLASS S3 PER ACI 318-14

TABLE 19.3.2.1. CONCRETE MIX DESIGN TO BE COORDINATED BETWEEN CONCRETE SUPPLIER, ENGINEER, AND ARCHITECT DURING SUBMITTAL PHASE.

ALL 5,000 PSI 0.40 5-1/2%
4. See Section 012300 for alternates. 

   Alternates 1: Use Dayton Superior Bridge Seal 75% in lieu of specified base bid sealer.

5. All rebar reinforcement to be epoxy coated.

6. All wire mesh to be galvanized. Does not need to be "hot dipped." Galvanizing process can occur to wire before it's welded into sheets.

Removal of unsuitable soil and over-excavation for structural fill presents the potential to undermine the existing foundations. Therefore, we recommend the structural fill is placed immediately after excavation. In addition, we do not recommend exposing more than one existing foundation before backfilling. Remove 1-foot minimum of the existing fill under the entire slab and replace with imported structural fill. Provide geosynthetic reinforcement between the slab subgrade and structural fill. Geosynthetic reinforcement to be BX-1200, Tensar TX-5 or TX-7, Mirafi RS380i, or approved equivalent.

Geotechnical Requirements

A. Valley

   6" 6" Concrete slab-on-grade w/ 6x6 W4.0/W4.0 Galv. WWF Cont. (See Detail 3/S3.0). Contractor's option to use epoxy rebar (#4 @ 18" O.C.) instead of wire mesh 1000.29

T.O. Slab 5 5 5

Slab Edge Edge of Slab

Re-Bid