



Most Outstanding Highway Project over \$10 Million

Mountain View Corridor – 5400 South to 4100 South

This \$61.8 million project added two miles of outside freeway lanes in both directions of this critical West Valley City artery, utilizing both concrete and hot-mix asphalt paving. The two-mile long roadway includes 14 mainline bridges, 7 pedestrian bridges, 200,000 feet of M-S-E walls and 750 linear feet of box culverts. 30% of paving required hand-pours, and crews placed a thin layer of asphalt beneath the PCCP concrete pavement to extend life by 25%.

UDOT and Brigham Young University teamed up on a revolutionary concrete mix that included a steel fiber concrete additive on two bridges, the first application of this technology on a bridge in the United States. Of more than 40,000 CY of concrete placed, all but one met specifications at a 95%+ rating. Much of the aggregate was produced from on-site materials that met specifications, eliminating an estimated 28,000 truckloads from local streets.

Owner/Developer: UDOT Region 2

Lead Design Firm: Michael Baker International

General Contractor: RLW/SPC (Ralph L. Wadsworth Construction/Staker Parson Companies JV)

Structural Engineer: Michael Baker International

Electrical Subcontractor: Cache Valley Electric

Other Specialty Contractors: Harper Precast; Brinkerhoff Excavation; Dry Creek Structures; The Gateway Company; Gerdau Reinforcing Steel



(photos courtesy Staker Parson Cos.)



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