

I-405/I-5 TO STAGE 1 - WIDENING PROJECT CONCEPTUAL QUANTITIES

Items	Approx. Quantity	Units
Section 1 Earthwork		
Pavement Removal	60,000	Square Yards
Roadway Excavation	10,000	Cubic Yards
Common Borrow (Including MSE Wall Backfill)	100,000	Cubic Yards
Clearing and Grubbing	25	Acres
Section 2 Pavement		
Asphalt Concrete Pavement	66,000	Square Yards
Asphalt Concrete Overlay	91,000	Square Yards
PCCP Rehabilitation (Dowel Bar Retrofit and Diamond Grind)	1.4	Lane Miles
Section 3 Drainage		
Detention Ponds	5	Each
Water Quality Ecology Embankment	20,000	Square Feet
Drainage Structures	100	Each
Storm Sewer Pipe	11,000	Linear Feet
Section 4 Specialty Items		
Retaining Walls - Fill Sections	110,000	Square Feet
Retaining Walls - Cut Sections	300	Square Feet
Liquefaction Mitigation at Select Retaining Walls	1	Complete
Highway Planting	10	Acres
Environmental Mitigation - Springbrook Creek Stream Restoration	1	Complete
Line 60-Inch Waterline (54-Inch Liner)	900	LF
Section 5 Traffic Items		
ITS (Data Collectors, CCTV Cameras, VMS, HUB, Communication Backbone, Highway Advisory Radio)	1	Complete
Highway Lighting	1	Complete
Sign Structures (Span and Cantilever)	7	Each
Pavement Markings	1	Complete
Barrier and Guardrail	26,000	Linear Feet
Section 6 Structures		
Replace Railing and Widened Existing Bridge Deck by 1-Ft Each Side (765-Ft Long Bridge Structure over 3 RR Tracks)	1	Complete
I-405 Bridge Structure over Springbrook Creek and Oakesdale Avenue (~125-Ft Wide x ~400-Ft Long)	1	Complete
Remove Existing I-405 Bridge Structure over Springbrook Creek (~108-Ft. Wide x ~202-Ft Long)	1	Complete
Remove Existing Springbrook Creek (5-Cell) Concrete Box Culvert (~60-Ft. Wide x ~120-Ft Long)	1	Complete
Remove Existing I-405 Bridge Structure over Oakesdale Avenue (~74-Ft. Wide x ~120-Ft Long)	1	Complete