

SUMMARY OF QUANTITIES

PROJECT: 801-DD-5280; Bridge on 151st Street West over the Ninnescah River (B485)

TYPE OF WORK: PBMC Bridge, Grading, Bituminous Surfacing, Signing, Pavement Marking, Seeding, Guardrail

Items	Approx. Quantity	Unit
Contractor Construction Staking	1	Lump Sum
Field Office	1	Each
Mobilization	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Clearing and Grubbing	1	Lump Sum
Common Excavation	5,197	Cu. Yd.
Common Excavation (Contractor Furnished)	413	Cu. Yd.
Rock Excavation	478.0	Cu. Yd.
Compaction of Earthwork (Type B) (MR-90)	4,939	Cu. Yd.
Water (Grading) (Set Price)	1	M. Gal.
Entrance Pipe (24") (RCP)	52	Lin. Ft.
End Section (24") (RC)	2	Each
Guardrail, Steel Plate (CGS)	325	Lin. Ft.
Guardrail End Terminal (CGS-SKT)	4	Each
Mailbox Installation (Set Price)	2	Each
Plant Mix Asphalt - Commercial Grade	1,270	Ton
Aggregate Base (Special) (6")	3,457	Sq. Yds.
Concrete Pavement (10" Uniform) (AE) (BR APP)	104	Sq. Yds.
Class I Excavation	239	Cu. Yd.
Class II Excavation	114	Cu. Yd.
Concrete Grade 4.0 (AE) (SA)	1,031	Cu. Yd.
Concrete Grade 4.0 (AE)	317	Cu. Yd.
Reinforcing Steel (Grade 60) (Epoxy-Coated)	225,960	Lbs.
Reinforcing Steel (Grade 60)	29,710	Lbs.
Piles (Steel) (HP12x53)	552	Lin. Ft.
Test Piles (Steel) (HP12x53)	130	Lin. Ft.
Drilled Shaft	558	Lin. Ft.
Prestressed Concrete Beam (NU 43+1)	3,274	Lin. Ft.
Bearing (Steel Reinforced) (Elastomeric) (14"x36")	10	Each
Abutment Strip Drain	60	Sq. Yds.
Bridge Backwall Protection System	94	Sq. Yds.

Items	Approx. Quantity	Unit
Substructure Waterproofing Membrane	62	Sq. Yds.
Slope Protection (Riprap Stone)	859	Cu. Yd.
Expansion Joint (Strip Seal Assembly)	78	Lin. Ft.
Bridge Deck Grooving	2,336	Sq. Yds.
Temporary Seeding	1	Lump Sum
Erosion Control (Class I, Type D)	82	Sq. Yds.
Temporary Berm (Set Price)	1	Lin. Ft.
Biodegradable Log (9")	322	Lin. Ft.
Biodegradable Log (12")	429	Lin. Ft.
Biodegradable Log (20")	405	Lin. Ft.
Filter Sock (12")	322	Lin. Ft.
Filter Sock (18")	324	Lin. Ft.
Silt Fence	244	Lin. Ft.
SWPPP Design	1	Lump Sum
Water (Erosion Control)(Set Price)	1	M. Gal.
Mobilization, Emergency Erosion Control, (Set Price)	1	Each
Seeding	1	Lump Sum
Traffic Control	1	Lump Sum
Signing Object Marker (Type 3)	4	Each
Pavement Marking (Paint)(White)(4")	3,000	Lin. Ft.
Pavement Marking (Paint)(Yellow)(4")	2,370	Lin. Ft.