

## SUMMARY OF QUANTITIES

**PROJECT: 640-26-3080; 87th Street South Bridge Over Cowskin Creek  
(B514)**

**TYPE OF WORK: Bridge, Grading, Surfacing, Pavement Marking, Seeding, Guardr**

Bidding Item	Approx. Quantity	Unit
Contractor Construction Staking	1	LS
Field Office	1	EA
Mobilization	1	LS
Removal of Existing Structures	1	LS
Clearing and Grubbing	1	LS
Common Excavation (Rural Small)	2,674	Cu. Yds.
Rock Excavation	100	Cu. Yds.
Compaction of Earthwork (Type B)(MR-90)	951	Cu. Yds.
Water (Grading)(Set Price)	1	M. Gal.
End Section (6.0 sq. ft.)(RCHE)	4	EA
End Section (7.0 sq. ft.)(RCPHE)	6	EA
Entrance Pipe (6.0 sq. ft.)(RCPHE)	64	Lin. Ft.
Entrance Pipe (7.0 sq. ft.)(RCPHE)	132	Lin. Ft.
Guardrail, Steel Plate	275	Lin. Ft.
Guardrail End Terminal (SKT)	2	EA
Mailbox Installation (Set Price)	2	EA
Concrete Pavement (4" Uniform)(AE)	23	Sq. Yds.
Concrete Pavement (12" Uniform)(AE)	212	Sq. Yds.
Bridge Approach Slab Footing	21	Cu. Yds.
Curing Environment	1	LS
Aggregate Shoulder (AS-1)(7")	206	Sq. Yds.
Aggregate for Entrances (AS-1)(6")	201	Sq. Yds.
Aggregate Base (Special)(6")	1,487	Sq. Yds.
Water (Aggregate Base)(Set Price)	1	M. Gal.
Plant Mix Asphalt Mixture-Commercial Grade	532	Tons
Class I Excavation	132	Cu. Yds.

Class II Excavation	178	Cu. Yds.
Concrete (Grade 4.0)(AE)	84.2	Cu. Yds.
Concrete (Grade 4.0)(AE)(SA)	356.3	Cu. Yds.
Reinforcing Steel (Grade 60)	5,330	Lbs.
Reinforcing Steel (Grade 60)(Epoxy Coated)	100,770	Lbs.
Piles (Steel)(HP12x53)	1,600	Lin. Ft.
Test Piles (Steel)(HP12x53)	285	Lin. Ft.
Bridge Backwall Protection System	45	Sq. Yds.
Abutment Strip Drain	39	Sq. Yds.
Slope Protection (Riprap Stone)	248	Cu. Yds.
Bridge Deck Grooving	444	Sq. Yds.
Contractor Furnished PDA	1	EA
Temporary Seeding	1	LS
Soil Erosion Mix	3.6	Lbs.
Erosion Control (Class 2, Type E)	572	Sq. Yds.
Sediment Removal (Set Price)	1	Cu. Yds.
Temporary Berm (Set Price)	1	Lin. Ft.
Biodegradable Log (20")	227	Lin. Ft.
Filter Sock (18")	191	Lin. Ft.
Silt Fence	109	Lin. Ft.
SWPPP Design	1	LS
Water Erosion Control (Set Price)	1	M. Gal.
Seeding	1	LS
Pavement Marking (Termoplastic)(White)(4")	1,170	Lin. Ft.
Pavement Marking (Termoplastic)(Yellow)(4")	1,170	Lin. Ft.
Signing Object Marker (Type 3)	4	EA
Traffic Control	1	LS