Approach Slab Removed

Area =	527	sf
Number =	2	ea
Total =	118	SY

Wearing Course Removed

Deck Area =	693	sf
Number =	1	ea
Approach Slab Area =	118	sy
Total =	195	SY

Excavation

Height =	0.49	ft
Area =	323.5	ft^2
Total =	6	CY

Reinforcing Steel

Superstructure =	10783	lb
Total =	10,783	LB

Dowel Holes

Dowels per Abutment =	47	ea
Number of Abutments =	2	ea
Total =	94	EA

Superstructure Concrete

Slab Area (f/f abut) =	610	sf
Slab Thickness =	1.313	ft
Overhang Area =	66.6	sf
Overhang Thickness =	0.188	ft
Number =	2	ea
Deck =	30.578	cy
Abutment Plan Area =	67	sf
Avg. Abutment Height =	3.563	ft
App Slab Notch Plan Area =	20.8	sf
App Slab Notch Height =	1.917	ft
Pedestal Overhang Plan Area =	0.77	sf
Pedestal Height =	1.92	ft
Number =	2	ea
Abut =	14.951	cy
Total =	46	CY

Sealing of Concrete Surfaces

Abutment Front Face =	621	sf	
Abut Top and Back face Length =	51.333	ft	
Abut Top and Back face Width =	2	ft	
Wingwall Face =	18.375	sf	
One Abutment =	760.417	sf	
Abutments =	2	ea	
Total Abutments =	169	sy	
Slab Edge Thickness =	1.5	ft	
Distance Under Slab =	0.5	ft	
Length (both sides) =	34	ft	*only exposed face*
Total Superstructure =	8	sy	

Total = 177 SY

Epoxy Injection

Crack 1 =	1.417	ft
Crack 2 =	6.250	ft
Crack 3 =	7.250	ft
Crack 4 =	7.250	ft
Crack 5 =	6.500	ft

Total = 29 FT

Railing (TST)

Length =	24.16667	ft
Number =	2	ea

Total = 49 FT

1/2" PEJF

Length =	44.7	ft
Width =	0.5	ft
Number Abutments =	2	ea

Total = 45 SF

1" PEJF

Length Along Abutment =	44.7	ft
Width =	0.4167	ft
Length Along End Slab =	3.46	ft
Sides =	2	ea
Width =	1.73	ft
Number Abutments =	2	ea

Total = 62 SF

Integral Abutment Expansion Joint Seal

Horizontal Length =	47.7	ft
Vertical Length =	4.71	ft
Total Abutment Length =	57	ft
Number =	2	ea

Total = 115 FT

Porous Backfill

Length under App Slab=	41.58333	ft
Height =	2.688	ft
Thickness =	2	ft
Length behind Wing =	3.666667	ft
Height =	4.46	ft
Thickness =	2	ft
Wing subtract out =	1.028	cf
Number =	2	ea

Total = 22 CY

Drip Strip

Number of Posts per Side=	3	ea	
Length at Posts =	1.5	ft	
Number of Sides=	2	ea	
Length of Strip Along Bridge =	17	ft	*face to face of abutment*

Total Drip Strip = 43 FT

Reinforced Concrete Approach Slab

Length =	20	ft
Width =	36	ft
Number =	2	ea

Total = 160 SY

Type B Installation

Length =	41.6	ft	*along skew*
Width =	5	ft	*see std dwg.*
Number =	2	ea	

Total = 47 SY

Rock Channel Protection with Filter

Area =	1170	sf	
Depth =	2	ft	*Type C*
Toe Footing Area =	232	sf	*subtract out Toe*
Depth =	0.89	ft	

Total = 80 CY