



Existing Structure
Concrete Slab Bridge
Concrete Wings 1' Thick
Concrete Rail 1' Thick

Br #20

Upstream - 51'
Downstream - 63'
Total 114'

NOTE: ALL GRADES AND NOTES
MARKED IN PARENTHESIS
ARE TO BE USED FOR FUTURE CONSTRUCTION

2.1 Miles from Sta. 18+50 to
Junction Vt. Rt. 108

Quantities Not Raised for 114" Pipe

Item No.	Item	Unit	Final	STATION BEFORE	FUTURE PROJECT
101-A	Common Excavation	CY			133
102	Borrow	CY	2300		7910
106-C	Unclassified Channel Excavation	CY	70		
107	Structure Excavation	CY	77		
109	Maintenance of Traffic for Bridge Projects	LS	1		
201-A	Sub-base of Gravel (measured in place)	CY	310		1360
316-B	Single Tack Coat of Cutback Asphalt w/ Sand Cover	Gal	260		1000
361-C	Bituminous Conc. Rem'd, Med. (Special one Course Mix)	Ton	50		165
401-B	Concrete class B	CY	19		
402	Reinforcing Steel	LB	104		
429-A	Corrugated Galv. Metal Plate Pipe	LS			
	Top 12" 18 Ga. But No 10 Ga. 17" 34 1/2" dia	LS	1		
442	Payment of Patent Rights	LS	1		
526	Warning for Bank Protection	LS			
	Modified 4x4 Culvert Ends	CY	17		
542	Two Cable Guard Rail	LF	300		500
546	Anchors for Two Cable Guard Rail	EA	4		
550	Removal and Disposal of Present Guard Rail	LF	106		
610	Winter Rye	LB	13		31
611	Seeding	LB	15		37
615	Commercial Fertilizer for Grasses	LS	240		640
622	Matls. Modified	TON	2.5		1
221	Gravel Overhaul, Med.	CUYD	310		1360
549-A	Removing and Resetting two cable guard rail	LF			300

Br #20
Δ = 4°30' R/L
D = 1'15"
R = 4583.66
Tc = 181.4
L = 368.7
E = 3.6
Bank 1/4' per ft

BM #2
Set in Pole
Elev. 487.65

Merrill Jeffords

Rte. VT 105
ENOSBURG
Project: ST 34-1-W
Sta. 15+99
Scale: Hor 1" = 20'-0"
Vert 1" = 10'-0"
Prepared by: E.H.I.
Checked by: J.J.C.

SHEET 2

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