

STANDARDS

B-5	SLOPE GRADING, EMBANKMENTS, MUCK	6/01/94
B-11	UNDERDRAIN - ROCK SUBGRADE, SLOPE STABILIZ.	6/01/94
B-17	GUARD RAIL, BRIDGES, REST AREA, TURNOUTS	2/23/95
B-71	RESIDENTIAL AND COMMERCIAL DRIVES	7/08/05
C-1	CURBS, BITUMINOUS CONCRETE SIDEWALKS	1/03/00
	GRANITE SLOPE EDGING, VERTICAL GRANITE CURB	
	PRECAST REINFORCED CONCRETE CURB	
	CAST IN PLACE CONCRETE CURB	
	BITUMINOUS CONCRETE CURB, TREATED TIMBER CURB	
C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE	10/14/05
	ENTRANCES, SIDEWALK ADJACENT TO CURB	
C-3A	SIDEWALK RAMPS	9/01/04
D-2	C.R.M. HEADWALLS, UNDERDRAIN	6/01/94
	C.R.M. HEADWALLS & RETAINING WALLS	
	RIPRAP LIGHT TYPE SLOPE HEADWALL	
	REINFORCED CONCRETE HEADWALL,	
	UNDERDRAIN & CARRIER PIPE CONSTRUCTION DETAILS	
D-3	TREATED GUTTERS	6/01/94
D-4	FLUSHING BASINS, END SECTION, ELBOWS	6/01/94
	TYPICAL WATERFALL FOR CULVERTS UP TO AND	
	INCLUDING 48" DIA	
	EXTENSION SERVICE BOX AND CURB STOP	
	CORRUGATED PIPE ELBOW	
	GRANULAR BORROW AT CULVERT LOCATIONS	
	UNDERDRAIN FLUSHING BASIN	
	CORRUGATED STEEL PIPE END SECTION	
	CORRUGATED STEEL PIPE ARCH END SECTION	
D-6	REINF. CONCRETE DROP INLET W/GRATE (DITCHES)	6/01/94
D-8	REINFORCED CONCRETE DROP INLET	1/03/00
	WITH PRECAST COVER & GRATE (BOTTOM SECTION)	
	SEE SHEETS D-9,10,11 FOR TOP SECTION	
D-9	REINFORCED CONCRETE DROP INLET TOPS	6/01/94
	VERTICAL CURB & THROAT ADAPTER	
D-11	GRATES & COVERS (TYPE A)	6/01/94
D-13	CONCRETE CATCH BASIN WITH CAST IRON GRATE &	1/03/00
	CONCRETE MANHOLE WITH CAST IRON GRATE	
D-15	PRECAST REINF. CONC. MANHOLE GRATES (BICYCLE SAFE)	6/01/94
	CAST IRON GRATE WITH FRAME,TYPE D	
	CAST IRON GRATE WITH FRAME,TYPE E	
D-20	HIGHWAY CROSSING FOR UNDERGROUND UTILITIES	3/03/03
E-100	CONSTRUCTION APPROACH SIGNS	1/02/04
E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	1/02/04
E-101	CONSTRUCTION SIGN DETAILS	5/30/03
E-102	CONSTRUCTION SIGN DETAILS	6/30/03
E-102A	CONSTRUCTION SIGN DETAILS	5/01/04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	3/01/04
E-107	DELINEATION, BARRICADES AND DETOURS FOR	6/30/03
	U-TURNS ON DIVIDED HIGHWAY	
E-107A	BREAKAWAY BARRICADE DETAILS	8/08/95
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	8/18/95
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	8/08/95
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	3/16/04
E-125	TRAVEL INFORMATION SIGNS	8/08/95
E-134	BRIDGE NUMBER PLAQUE	8/08/95
E-141	REGULATORY SIGN DETAILS	9/20/95
E-142	REGULATORY SIGN DETAILS	9/20/95
E-143	REGULATORY SIGN DETAILS	6/15/04
E-146	REGULATORY SIGN DETAILS	9/20/95
E-152	WARNING SIGN DETAILS	5/01/04
E-160	FLANGED CHANNEL STEEL SIGN POST	5/20/99
E-164	SQUARE STEEL SIGN POST	5/20/99
E-173	PULL BOXES AND JUNCTION BOXES	8/09/95
E-175	POWER DROP STANCHIONS	11/17/93
E-180A	STREET LIGHTING DETAILS	8/09/95
E-180B	STREET LIGHTING DETAILS	8/09/95
E-181	TYPICAL BRIDGE MOUNTING DETAILS	8/09/95
	FOR STREET LIGHT POLE	
E-191	PAVEMENT MARKING DETAILS	2/01/99
E-193	PAVEMENT MARKING DETAILS	8/18/95
G-1	STEEL BEAM GUARDRAIL (50MPH & OVER)	1/03/00
	HEAVY DUTY STEEL BEAM GUARDRAIL	
	TWISTED END TERMINAL	
	ANCHOR FOR STEEL BEAM RAIL	
G-1D	STEEL BEAM GUARDRAIL (40MPH & LESS)	1/03/00
	HEAVY DUTY STEEL BEAM GUARDRAIL	
	STEEL BEAM MEDIAN BARRIER	
	ANCHOR FOR STEEL BEAM RAIL	
G-4	MARKERS - GUIDE POSTS - PLANK GUARD RAIL	6/01/94
	PLANK RAIL	
	GUIDE POSTS	
	WOOD MARKER POSTS	
	STEEL MARKER POSTS	
G-18	PRECAST CONCRETE TEMPORARY TRAFFIC BARRIER	6/01/94
J-1	PROJECT AND BOUNDARY MARKERS	6/01/94
J-3	MAILBOX SUPPORT DETAILS	8/07/95

INDEX OF SHEETS

- 1) TITLE SHEET
 - 2) INDEX OF SHEETS
 - 3) TYPICAL SECTIONS
 - 4-8) SUMMARY OF QUANTITIES
 - 9) BLANK
 - 10) ITEM DETAIL AND DRAINAGE SHEET
 - 11) EARTHWORKS
 - 12-15) RIGHT-OF-WAY SHEETS
 - 16) GENERAL PLAN
 - 17) PROFILE AND TIE SHEET
 - 18) PAVEMENT LAYOUT PLAN
 - 19) DRAINAGE PLAN
 - 20) 8"Ø WATERLINE REPLACE. - STA 101+48 TO 104+13
 - 21) SEWER SIPHON CHAMBER REPLACEMENT
 - 22) WATER DETAILS
 - 23) WASTEWATER DETAILS
 - 24) UTILITY RELOCATION AND LIGHTING PLAN
 - 25) EROSION PREVENTION AND SEDIMENT CONTROL TITLE SHEET
 - 26) EROSION PREVENTION AND SEDIMENT CONTROL NARRATIVE
 - 27) EPSC - EXISTING CONDITIONS SITE PLAN
 - 28) EROSION PREVENTION AND SEDIMENT CONTROL PLAN
 - 29) EPSC - FINAL CONDITIONS SITE PLAN
 - 30) EROSION PREVENTION & SEDIMENT CONTROL DETAILS SILT FENCE
 - 31) EROSION PREVENTION & SEDIMENT CONTROL DETAILS CHECK DAMS
 - 32) EROSION PREVENTION & SEDIMENT CONTROL DETAILS DROP INLET PROTECTION
 - 33) EROSION PREVENTION & SEDIMENT CONTROL DETAILS CONSTRUCTION ENTRANCE
 - 34) EROSION PREVENTION & SEDIMENT CONTROL DETAILS DITCH AND SLOPE PROTECTION
 - 35) EROSION PREVENTION & SEDIMENT CONTROL DETAILS TURBIDITY CURTAIN
 - 36) BLANK
 - 37) TRAFFIC SIGN AND PAVEMENT MARKING PLAN
 - 38-39) TRAFFIC SIGN SUMMARY SHEETS
 - 40) SIGN DETAIL SHEET
 - 41) CONSTRUCTION APPROACH SIGNING
 - 42) TRAFFIC CONTROL PLAN - PHASE I CONSTRUCTION
 - 43) TRAFFIC CONTROL PLAN - PHASE II CONSTRUCTION
 - 44) TRAFFIC CONTROL PLAN - PHASE III & IV CONSTRUCTION
- BRIDGE SHEETS**
- 45) PRELIMINARY INFORMATION SHEET
 - 46) GENERAL NOTES
 - 47) BRIDGE QUANTITY SHEET
 - 48) GENERAL PLAN AND ELEVATION
 - 49) BORING INFORMATION SHEET
 - 50) BORING LOGS
 - 51) DECK DETAILS
 - 52) FRAMING PLAN AND GIRDER ELEVATION
 - 53) GIRDER AND CONNECTION DETAILS
 - 54-55) MISCELLANEOUS DETAILS
 - 56) BEARING DETAILS
 - 57-58) ALUMINUM BRIDGE RAILING DETAILS
 - 59) ALUMINUM APPROACH RAILING DETAILS
 - 60) APPROACH RAIL DETAILS
 - 61) APPROACH SLAB DETAILS
 - 62) ABUTMENT NO. 1 DETAILS
 - 63) ABUTMENT NO. 2 DETAILS
 - 64) WINGWALL DETAILS
 - 65) SUBSTRUCTURE DETAILS
 - 66) LIGHTING DETAILS
 - 67) FOOTING REINFORCING PLAN
 - 68) PILE LAYOUT
 - 69) REINFORCING STEEL SCHEDULE
- 70-76) CROSS SECTIONS - ROUTE 15
 77-78) CROSS SECTIONS - TH#37
 79-85) CROSS SECTIONS - CHANNEL
 R1) REFERENCE SHEET 1

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

STATE OF VERMONT			
AGENCY OF TRANSPORTATION			
Town Of	JOHNSON	Bridge No.	37
		Log Sta.	
Highway No.	VT ROUTE 15	Surv. Sta.	
VT ROUTE 15 OVER THE GIHON RIVER			
INDEX OF SHEETS			
Designed By	J. Warner	Drawn By.	T. Starr
Checked By	Date	Bridge Design Supervisor	
J. Warner	11/06	J. Byatt	Date 11/06
PROJECT	JOHNSON	PROJECT NO.	BRF 030-2(17)S
I.G.C. Info.			
Bridge Sheet No.	Sheet	2	Of 85