State of Vermont — Department of Highways

ORWELL (HOUGH'S CROSSING BR) S.A. No. 26/46.

FORM ENG. 1A — EARTHWORK SHEET NO. 1 — 19

% Grade	STATION	Profile Elevation On Grades	Profile Elevation On V Curves	Correction for Vertical Curve	DIST.	Total Excavation Earth and Rock AREA	Total Excavation Earth and Rock CU. YDS.	~~Rock Excavation~~ Gravel Sub-base AREA	~~Rock Excavation~~ Gravel Sub-base CU. YDS.	Embankment AREA	Embankment CU. YDS.	Shaping Course of Gravel AREA	Shaping Course of Gravel CU. YDS.
	48+00	50.00											
	+50	44.11											
-11.786%	+90	39.39	39.39	0			P.C.						
	49+0	38.21	38.26	+0.05									
	+25	35.27	38.93	+0.66									
100' V.C.	+40	33.50	34.84	+1.34			P.I.						
	+50	33.39	34.25	+0.86									
	+75	33.12	33.24	+0.12		Begin Proj.							
	+85	33.01	33.02	+0.01									
	+90	32.95	32.95	0		Begin Bn. & P.T.							
-1.095	+91	32.94				& Brgs.							
	50+0	32.84											
	+63	32.15				& Brgs.							
	+64	32.14				End Bridge							
	+75	32.02											
	51+0	31.75											
	+50	31.20				End Project							
						CARRIED FORWARD							
						COLUMN FOOTINGS							

REVISIONS — By

VOLUMES — Computed by — Checked by

VERTICAL CURVES — Computed by I.S.P. — Checked by J.L.H.

GRADES — Computed by I.S.P. — Checked by J.L.H.

V.C.	% Grade	STATION	Profile Elevation On Grades	Profile Elevation On V Curves	Correction for Vertical Curve	DIST.	Total Excavation Earth and Rock AREA	Total Excavation Earth and Rock CU. YDS.	Balance and Rock Excavation AREA	Balance and Rock Excavation CU. YDS.	Embankment AREA	Embankment CU. YDS.	Shaping Course of Gravel AREA	Shaping Course of Gravel CU. YDS.
						CARRIED FORWARD								
						COLUMN FOOTINGS								

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GRADES — Computed by — Checked by

ORWELL
STP DECK(41)
BRIDGE NO. 4
SHEET 24 OF 27
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