

Sheet No.	TITLE SHEET
1	TITLE SHEET
2	TYPICAL CROSS SECTION OF IMPROVEMENT (Single Track Co. of Pav. Tar & Bitum. Mix Pav. St. Coat w/ Cutback Asphalt)
3	DRAINAGE AND ITEM QUANTITY SHEET
4	BLANK
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**STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT**

FEDERAL AID SECONDARY PROJECT

PROJECT NAME & NUMBER TYPE PAVT. AREA
FAYSTON S 0200(4) TACK COAT, TYPE V 2,933 S.Y.

RECORD PLANS
MATERIALS

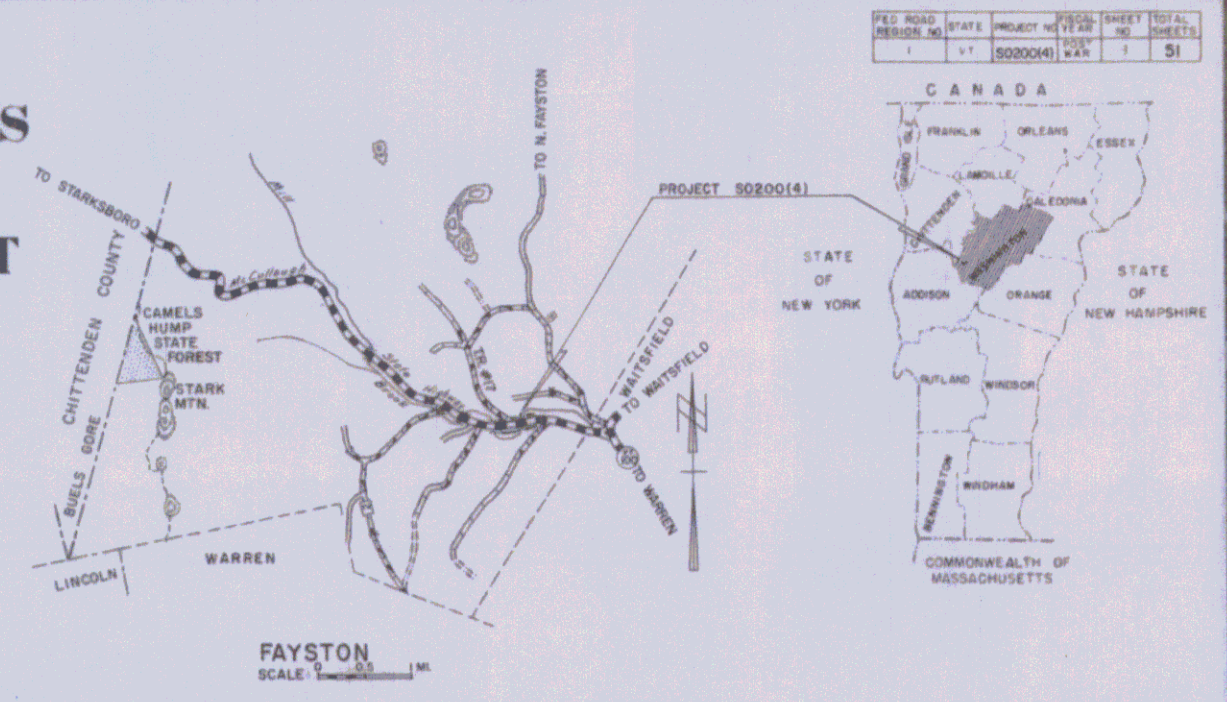
SUBBASE OF GRAVEL & BACKFILL—KINGSBURY PIT—WARREN, VT.
 REFINED TAR—WITCO CHEMICAL CO.—CAMBRIDGE, MASS.
 ASPHALT—HUMBLE—EVERETT, MASS.
 PEA STONE & GRITS—CASEY PIT—HINESBURG, VT.
 METAL CULVERT PIPES—NORTHEASTERN CULVERT CO.—
 WESTMINSTER, VT.
 CONCRETE CLASS AA & B—A.G. ANDERSON—WATERBURY, VT.
 REINFORCING STEEL—REPUBLIC STEEL CORP.—YOUNGSTOWN, OHIO.
 STRUCTURAL STEEL—VERMONT STRUCTURAL STEEL CORP.—
 BURLINGTON, VT.
 BRIDGE RAILING—BETHLEHEM STEEL CORP.—BOSTON, MASS.
 TWO CABLE GUARD RAIL—S.T. GRISWOLD & CO. INC.—WILLISTON, VT.

CONTRACTOR—CASS WARNER CORP. CONTRACT: APRIL 22, 1965.
 ESSEX JUNCTION, VT. STARTED—MAY 19, 1965.
 RESIDENT ENGINEER—DONALD MAYO. COMPLETED—NOV. 10, 1965.
 RECORD PLANS—ALEXANDER G. SPIDLE. ACCEPTED—NOV. 10, 1965.

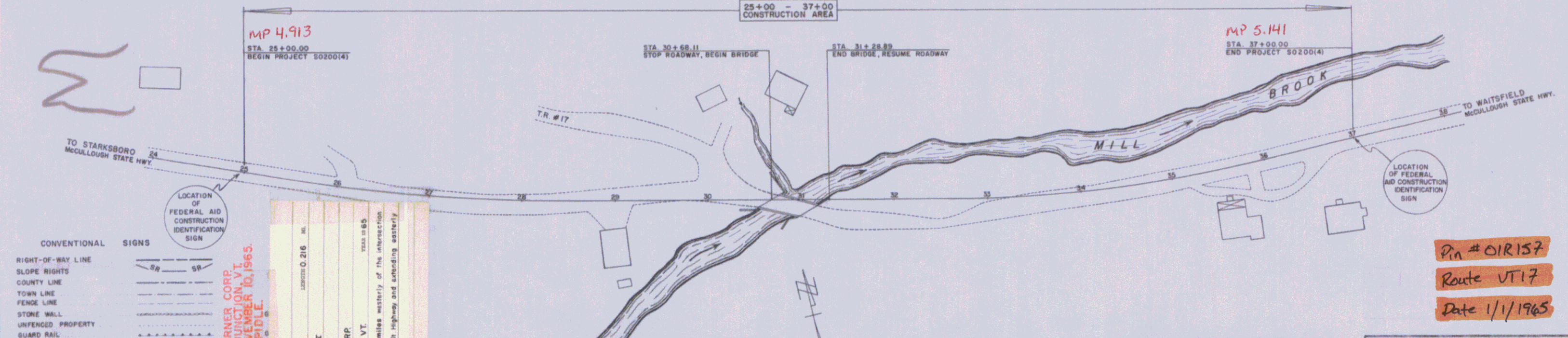
**TOWN OF FAYSTON
COUNTY OF WASHINGTON
McCULLOUGH STATE HIGHWAY
WAITSFIELD - STARKSBORO ROAD**

BEGINNING AT A POINT APPROXIMATELY 1.1 MILE
 WESTERLY OF THE INTERSECTION OF VERMONT
 ROUTE 100 AND THE McCULLOUGH STATE HIGHWAY
 AND EXTENDING EASTERLY 0.227 MILE

LENGTH OF ROADWAY: 1,139.22 FEET = 0.216 MILE
 LENGTH OF BRIDGE: 60.78 FEET = 0.011 MILE
 LENGTH OF PROJECT: 1,200.00 FEET = 0.227 MILE



1960 ADT 340
1965 ADT 700
1985 DHV 140
V 40 MPH
D 70%
T 2%



CONVENTIONAL SIGNS

RIGHT-OF-WAY LINE	SR
SLOPE RIGHTS	SR
COUNTY LINE	SR
TOWN LINE	SR
FENCE LINE	SR
STONE WALL	SR
UNFENCED PROPERTY	SR
GUARD RAIL	SR
TRAVELED WAY	SR
RAILROAD	SR
RETAINING WALL	SR
CENTER LINE	SR
SURVEY LINE	SR
CULVERT	SR
DROP INLET	SR
TROLLEY POLE	SR
POWER POLE	SR
TELEPHONE POLE	SR
TREES	SR
HEDGE	SR

FAYSTON
S 0200 (4)
TACK COAT TYPE V
CASS WARNER CORP.
ESSEX JUNCTION, VT.
 Location: Beginning at a point 1.1 miles westerly of the intersection
 of Vt. Rts. 100 and the McCullough St. Highway and extending easterly
 0.227 miles.

APPROVED <i>R.H. Curtis</i> ASST. CHIEF ENGINEER DATE July 14, 1963	APPROVED <i>D. Mayo</i> RESIDENT ENGINEER DATE Apr 7, 1963	APPROVED <i>C. W. Spidle</i> CONSTRUCTION ENGINEER DATE 7/10/63	APPROVED <i>P. M. Brown</i> BRIDGE ENGINEER DATE 7/10/63	APPROVED <i>R. F. Jones</i> DISTRICT ENGINEER DATE July 11, 1963	APPROVED <i>G. M. P.</i> CHIEF ENGINEER DATE 7/9/63	APPROVED <i>A. Spidle</i> CHIEF ENGINEER DATE 7/11/63
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Pin # 01R157
 Route VT 17
 Date 1/1/1965

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
APPROVED	DATE
DIVISION ENGINEER	DATE
PROJECT S NO. 0200(4)	
SHEET 1 OF 51 SHEETS	

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	Warren D. & Marion D. Brewster	26	25+00 &	26+73 rt	0.12 A±	22.8 A±							
2	Ronald C. & Augusta L. Graves	26	25+00 & 27+60 lt	30+15 lt 30+05 lt	0.4 A± 1820 sq ft	3.8 A±	Slope						
3	Town of Fayston	26	26+61 rt 29+00 rt 29+00 rt 29+83 rt 29+50 rt	30+80 rt 29+50 rt 30+80 rt	0.3 A± 120 sq ft	1.2 A±	Slope Drive Culvert Channel						
4	Louis W. & Susan M. Anderson	26	30+38 rt 30+85 rt 30+00 rt 31+80 rt	31+97 rt 31+10 rt 31+00 rt	2080 sq ft 30 sq ft	2 A±	Slope Channel Drive						
5	Eugene & Louise Moulton	26	30+05 lt 30+20 lt	32+85 & 32+85 lt	0.3 A±	15 A±	Channel						
6	Woodbridge A. D'Oench	26	32+85 & 33+375 lt 34+00 lt	37+00 & 35+60 lt	0.4 A± 150 sq ft	59.6 A±	Ditch Slope						
7	Abbott Phillips	26	31+97 rt 32+60 rt 33+375 rt 35+35 rt 35+87 rt 35+75 &	37+00 & 34+00 rt	0.3 A± 360 sq ft	9.0 A±	Slope Culvert Drive " Sewer Pipe						

TABLE OF REVISIONS

REVISION NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

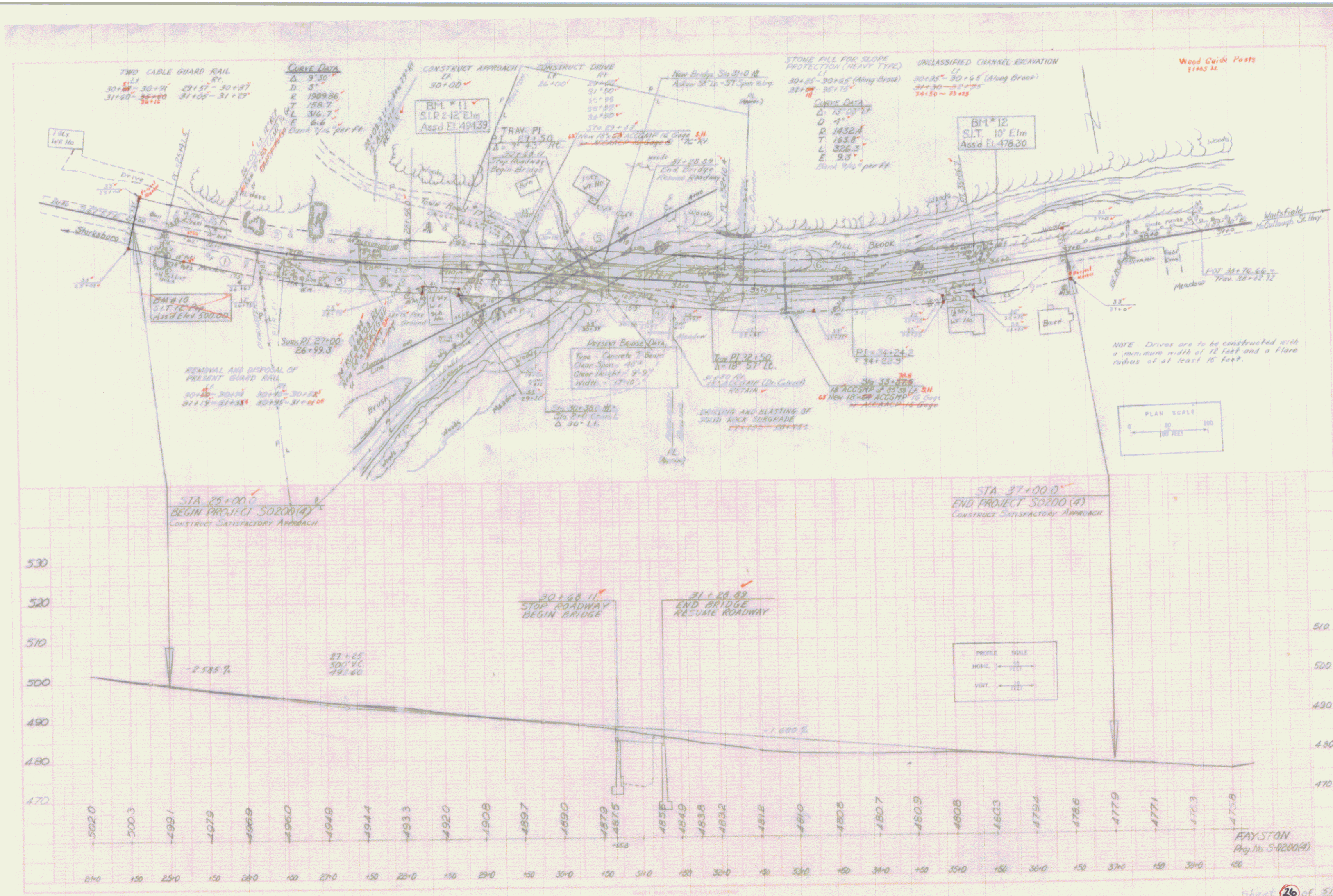
LEGEND

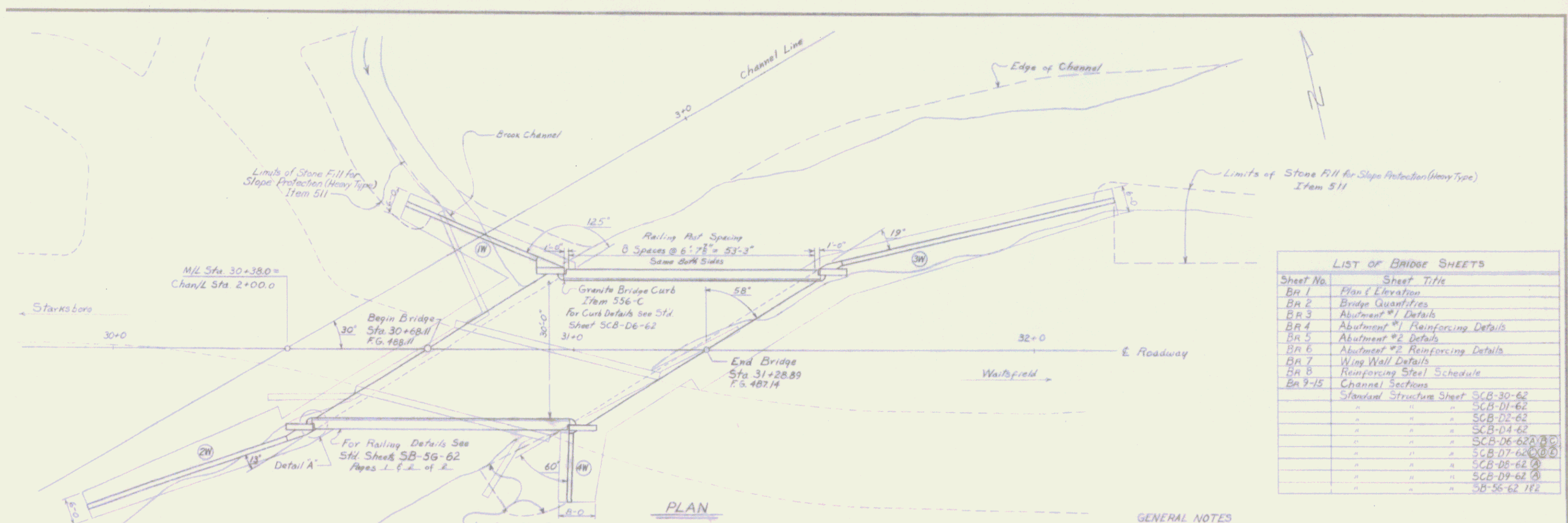
MADE BY R. Oues DATE 6/14/63
CHECKED BY M. Jones DATE 6/14/63

--- TAKING WITHOUT ACCESS
--- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
--- TAKING WITH ACCESS

--- SR --- SLOPE RIGHTS
--- --- PROPERTY LINE
--- A --- TOP OF CUT
--- O --- TOE OF SLOPE

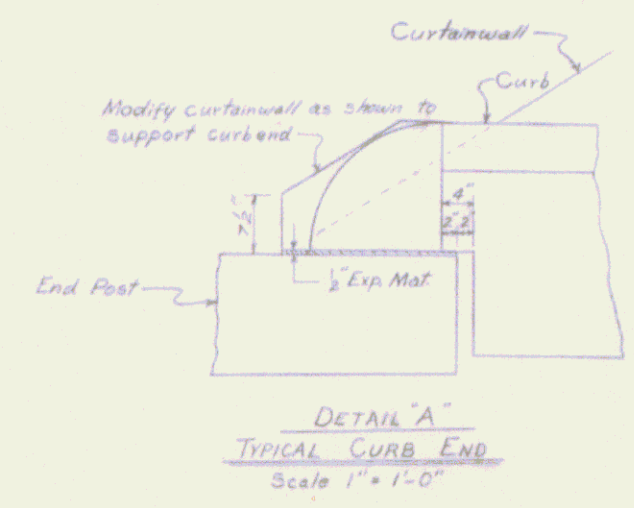
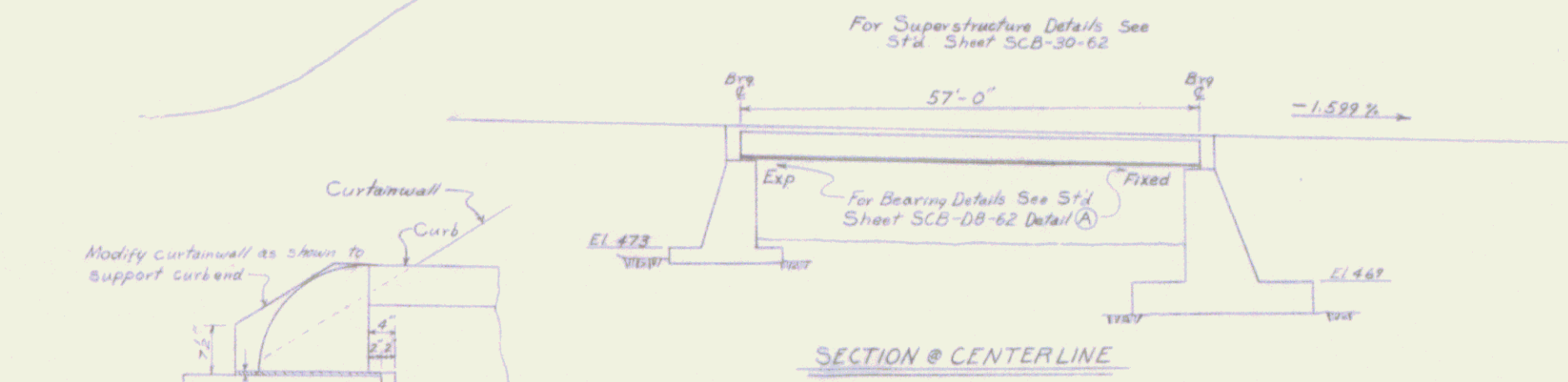
APPROVED [Signature] DATE 6/14/63
APPROVED [Signature] DATE 6/14/63
APPROVED [Signature] DATE 6/14/63
FAYSTON 50200(4)
SHEET 44 OF 51 SHEETS





Sheet No.	Sheet Title
BR 1	Plan & Elevation
BR 2	Bridge Quantities
BR 3	Abutment #1 Details
BR 4	Abutment #1 Reinforcing Details
BR 5	Abutment #2 Details
BR 6	Abutment #2 Reinforcing Details
BR 7	Wing Wall Details
BR 8	Reinforcing Steel Schedule
BR 9-15	Channel Sections
	Standard Structure Sheet SCB-30-62
	SCB-01-62
	SCB-02-62
	SCB-04-62
	SCB-06-62A (B)
	SCB-07-62 (C)
	SCB-08-62 (D)
	SCB-09-62 (E)
	SB-56-62 112

- GENERAL NOTES**
- Wingwall and abutment footings are designed for ledge bearing conditions. Maximum bearing pressure 5 kips per square foot.
 - Footing elevations and the location of steps, if required, shall be as directed by the Engineer in the field, irrespective of those indicated on the plans. Footings subject to streamflow shall be founded at least 6" into solid rock.
 - Adjacent sections at a vertical construction joint shall not be placed with less than a 48-hour time lapse.
 - Maintain 3" clearance from face of concrete to reinforcing bar in footings; 2" clearance elsewhere.
 - Use Item 401-AA Concrete Class AA in the superstructure (deck, curbs, curtain walls) and Item 401-B Concrete Class B for abutments and wingwalls.
 - Standard superstructure details are modified to eliminate the approach slab bracket on both ends of bridge.
 - No concrete shall be placed until all blasting operations on this project have been completed.
 - All expansion material shall be premoolded cox containing no bitumen or asphalt.
 - Standard superstructure details are modified to eliminate Bituminous Concrete Pavement, Item 361-B or Item 363, and Tar Emulsion, Item 316. Place Item 317 over entire concrete deck. Use standard curb dimensions as per SCB-06-62 (D) except finished height of curb shall be approximately 12 1/2".
 - Finish Grade indicated is 0.08 foot above concrete deck.



SUPERSTRUCTURE QUANTITIES

ITEM NO.	ITEM	UNIT	NET	OVERRUN	TOTAL	FINAL
106-A	CHAN. EXCAV. OF EARTH	C.Y.				
106-B	CHAN. EXCAV. OF ROCK	C.Y.				
106-C	UNGLASS. CHAN. EXCAV.	C.Y.	268			312
107	STRUCT. EXCAV.	C.Y.				
401-AA	CONC. CLASS AA	C.Y.	76			79
402	REINF. STEEL	LBS.	See Reinf. Steel Schedule			
407	ASPHALTIC-ASB. COATING	S.Y.				
402-B	TREATED TIMBER PILING	L.F.				
405	SPLICES FOR STEEL PILING	EA.				
404	STEEL PILING	L.F.				
404-A	UNTREATED TIMBER PILING	L.F.				
317	Single Thick Coat of Portland Cement and Bitum. Mix. No. Stone Seal or Colloidal Asphalt	GAL.	243			
403	Shore Connectors (2120# Ed.)	L.S.	1			1
404-A	Structural Steel	LBS.	46,930			46,919
556-C	Granite Bridge Curb	L.F.	116			123
572	Bridge Railing	L.F.	109			109

Sheet BR 1 of BR 15

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF FAYSTON
McCallough
ROUTE NO. State Hwy. LOG STA. 265+80

PLAN & ELEVATION

SCHOOLHOUSE BRIDGE

SCALE 1" = 10'-0" & As Noted

SURVEYED BY FALL 8-62

DRAWN BY RLM CHECKED BY BND

PROJECT NO. 5-0200(1)

SHEET 27 OF 51