Sheffield ER 24(3)

Description:
The structure is located approximately 4.7 miles southeast of the Glover - Sheffield Town Line along Vt. Rte. 122.

Scope of Work:
Construction of a new concrete slab bridge, related channel work, and approach work. Also removal of existing stone slab bridge and stone abutments.

BM # 1
U.S. Elev.
1100.75

P.O.T. 12 + 79.60

to Glover & to Jct. with Vt. Rte. 16

Vt. Rte 122

S 24° 30' E

MP 3.118

15" CMP

Stone Fill & Ditch

Stone Bridge
Sta. 13+67.5
Back of Abut. #1
Fin. Gr. - 1051.51

BM # 2
U.S. Elev
1045.65

End Stone
Sta. 16+12.5
Back of Abut. #2
Fin. Gr. 1049.30

Stone Drive

EXISTING ROW

PROPOSED ROW

Stone Rts.

Channel Rts.

PC 18+46.3 =
Ch. Line Sta 5+00.0
Δ = 90°-0

DeLucia & Stevens
P.L. Thompson, Lloyd W.
FOR STATIONS 16 + 21 SEE 20 SCALE LAYOUT

Miller Run

Ch L POT 5+00.0

Scale 1" = 50'

Slope Rts. (T) 0.02 Ac 997 SF
Channel Rts. (T) 0.03 Ac 1,283 SF
Existing ROW 0.41 Ac 17,835 SF
Acquired 0.46 Ac 20,115 SF

MP 2.833

BARTON
GLOVER
SHEFFIELD
WHELOCK
SHEFFIELD PROJECT

(To Be Returned To R.O.W. Division)

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL

Notes: For typical roadway section in bridge area see Sheet Br 101, Plan & Profile (20 scale)

RECOMMENDED FOR APPROVAL	DISTRICT ENGINEER	DATE
RECOMMENDED FOR APPROVAL	BRIDGE ENGINEER	DATE
RECOMMENDED FOR APPROVAL	CONSTRUCTION ENGINEER	DATE
RECOMMENDED FOR APPROVAL	ASSISTANT CHIEF ENGINEER	DATE
APPROVED BY	CHIEF ENGINEER	DATE

PLAN
NOTE BOOK
No.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
EST. OF WORK CHECKED

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'s NOTED
STRUCTURE DATA CHECKED

Vertical Curve Data
PVI - 21+00
El - 1052.00
VC = 200'
E = 1.70

BVC 20+50

EVC 22+00

Rdwy El 1044.6

List of Bridge Sheets
ER 100 - Plan & Profile (20 scale)
BR 101 - Plan & Profile (20 scale)
BR 102 - Bridge Construction Sheet
BR 103 - [illegible]
BR 104 - Abutment #1 Details
BR 105 - Abutment #2 Details
BR 106 - Reinforcing Steel Schedule
BR 107 - BR 109 Channel Sections

Roadway Sections - Plan & Profile (See 16+00 - Sta Fwd - 0)

Bridge Standards
Std. Dwg. SCD-D1-41 7-22-73R
Std. Dwg. G-1 4-13-72R
Std. Dwg. E-3 12-14-71R
Std. Dwg. E-5 12-14-71R
Std. Dwg. E-6 2-15-72R

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
Plan & Profile (20 scale)

TOWN OF SHEFFIELD
Project ER 24(3)
Pin # 99R600
Route VT122
Date 8/1/1973

SHEFFIELD
ER 24(3)
Vt Rte 122
Aug 1973

ER 100

SHEET 1

K+E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.

1