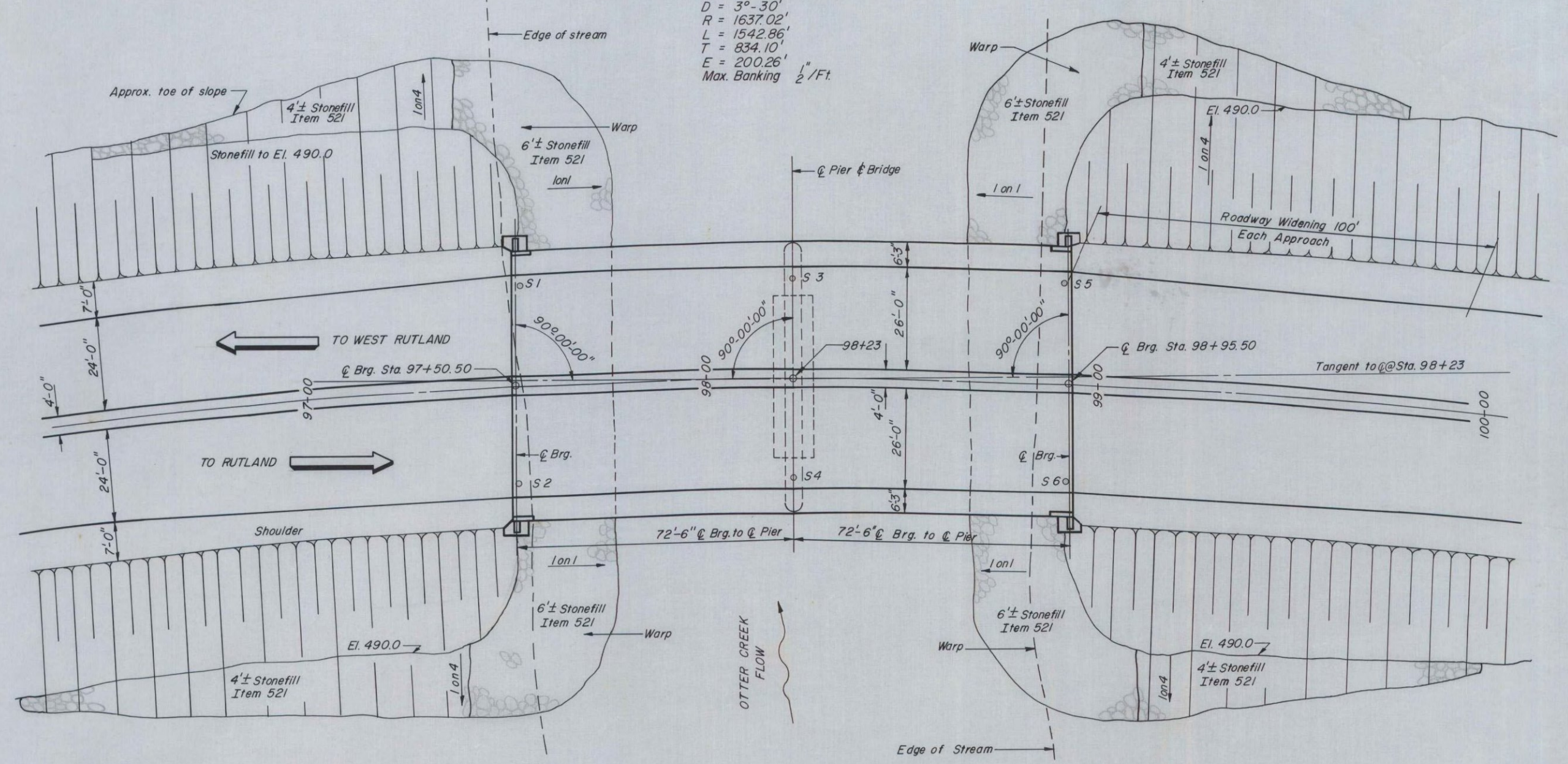


**HIGHWAY CURVE DATA**

$\Delta = 54^{\circ}00'00''$   
 $D = 3^{\circ}30'$   
 $R = 1637.02'$   
 $L = 1542.86'$   
 $T = 894.10'$   
 $E = 200.26'$   
 Max Banking  $\frac{1}{2}$  / Ft.



**PLAN**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
107	Structure Excavation	CY	26.0
40B	Concrete Class B, mod.	CY	7.40
402	Reinforcing Steel	lb	93,000
403	Spiral Reinforcement	LS	
404A	Structural Steel	lb	320,000
501	Fun. Equipment for Driving Piles	L.S.	
502-B	Treated Timber Piling	LF	2,400
521	Stone Fill (Heavy Type)	CY	4,020
572	Bridge Railing	LF	27.6
442	Removal of Present Superstructure	LS	
102-A	Channel Excavation of Earth	cy	28.5
361-B	Bituminous Concrete Pavement	sq	108
504	Steel Piling (12" H 55.6")	LF	108

Boring	S 1	S 2	S 3	S 4	S 5	S 6
480.0						
470.0	Flg. Sand & Gravel	Flg. Sand & Gravel	Flg. Sand & Gravel	Flg. Sand & Gravel	Flg. Sand & Gravel	Flg. Sand & Gravel
460.0	Very Hard Gravel	Very Hard Gravel	Very Hard Gravel	Very Hard Gravel	Very Hard Gravel	Very Hard Gravel
455.0	Heavy Gravel	Heavy Gravel	Heavy Gravel	Heavy Gravel	Heavy Gravel	Heavy Gravel

**FOUNDATION INFORMATION**

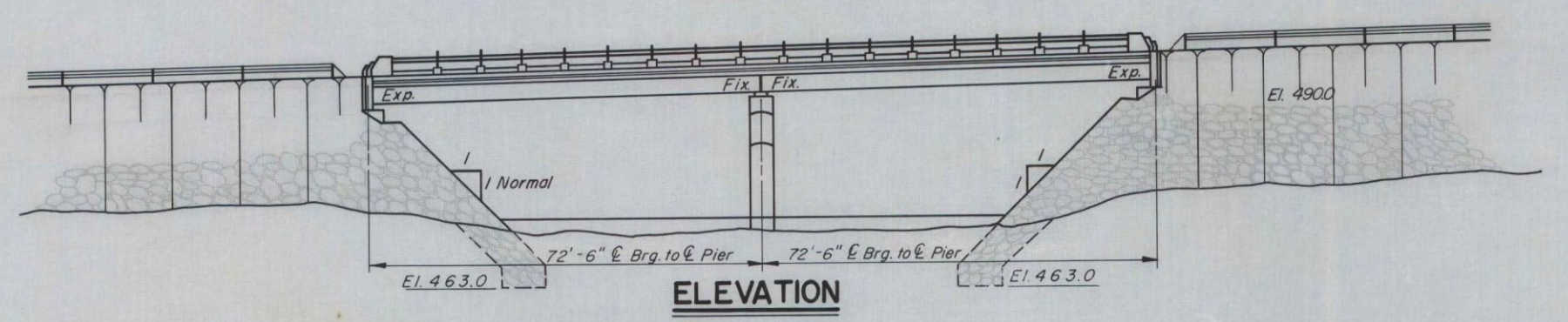
Obtained for design purposes only, and the state assumes no responsibility whatsoever for the sufficiency or accuracy of the information shown. Boulders may be encountered at any pier or abutment location.

Dia of Casing - 26"  $\frac{1}{2}$ "  
 Thickness of Shell - 8"  
 Hammer Weight - 350 lb.  
 Hammer Drop - 24"  
 \* Blasted  
 Figures indicate no. of blows req'd to drive Casing 1'

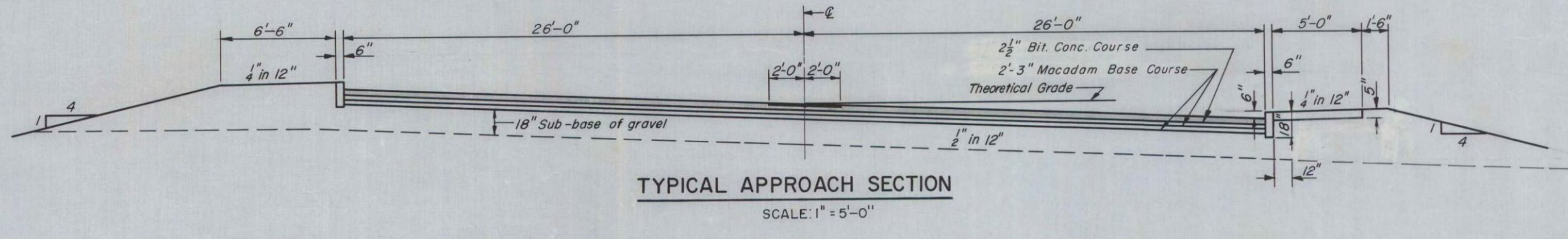
- NOTES:**
- See bridge sheet 7 for general notes.
  - See bridge sheet 6 for railing, pylons, spirals and steel pile splice details.
  - Existing superstructure is to remain the property of the state. Removal and storage of superstructure to be paid for under item 442. See specifications.

- REFERENCE DRAWINGS**
- Typical Bridge Details - Bridge Sheet 6
  - Superstructure Sections and General Notes - 7
  - Pier Details, Deck and Railing Plan - 9
  - Abutment Plans, Elevations and Sections - 10
  - Framing Plan and Beam Details - 11

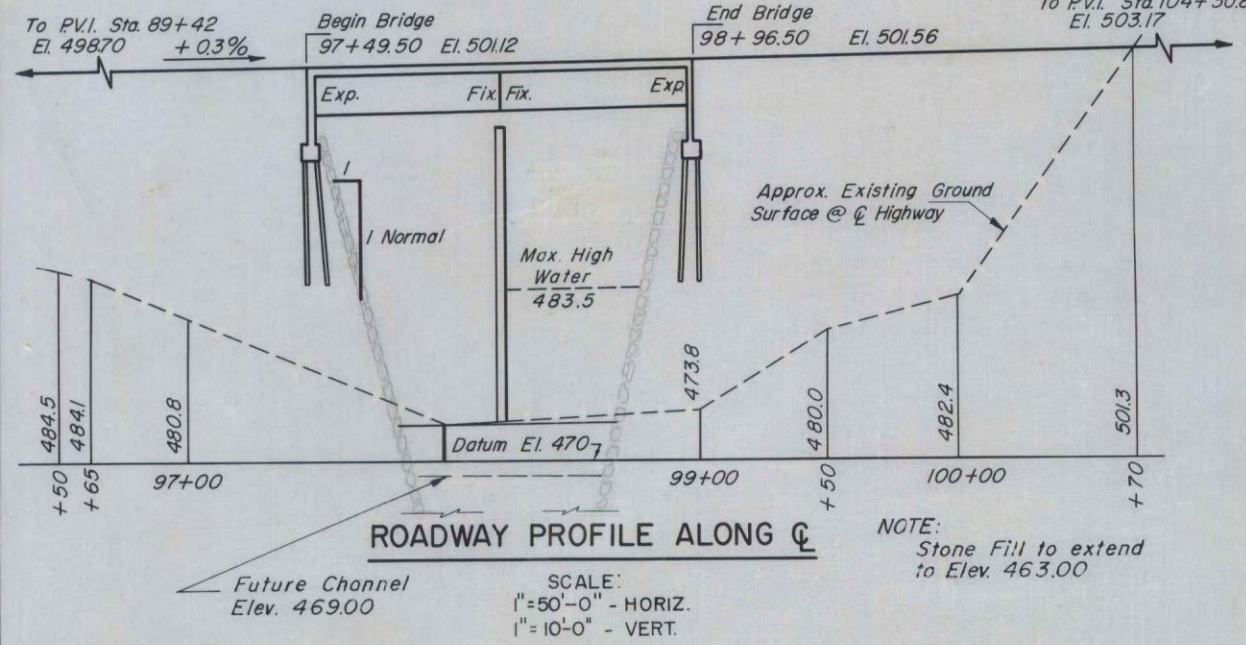
**FAIRHAVEN-RUTLAND**  
**BHF BPT (10)**  
**PROJECT BRIDGE #D4-4**  
**SHEET 15 OF 28**  
**FOR INFORMATION ONLY**



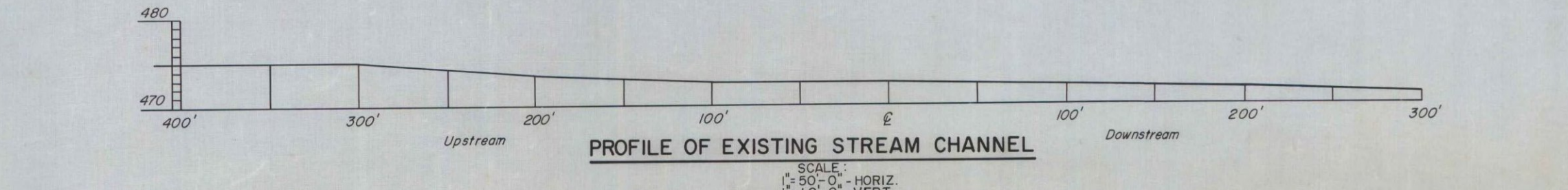
**ELEVATION**



**TYPICAL APPROACH SECTION**



**ROADWAY PROFILE ALONG C**



**PROFILE OF EXISTING STREAM CHANNEL**

VERMONT  
 STATE HIGHWAY DEPARTMENT  
 TOWN OF RUTLAND  
 WEST RUTLAND - RUTLAND  
 OTTER CREEK BRIDGE  
**GENERAL PLAN**  
**ELEVATIONS & PROFILES**  
 Wm. H. McFARLAND  
 CONSULTING ENGINEER  
 BINGHAMTON, N.Y.  
 DESIGNED L.H.S. CHECKED L.H.S. DATE 2-28-57  
 DRAWN S.G.S. IN CHARGE F.S.P. SCALE AS NOTED.  
 PROJECT NO. SHEET 26 OF 141  
 STATE 65-2 BRIDGE SHEET 8 OF 12