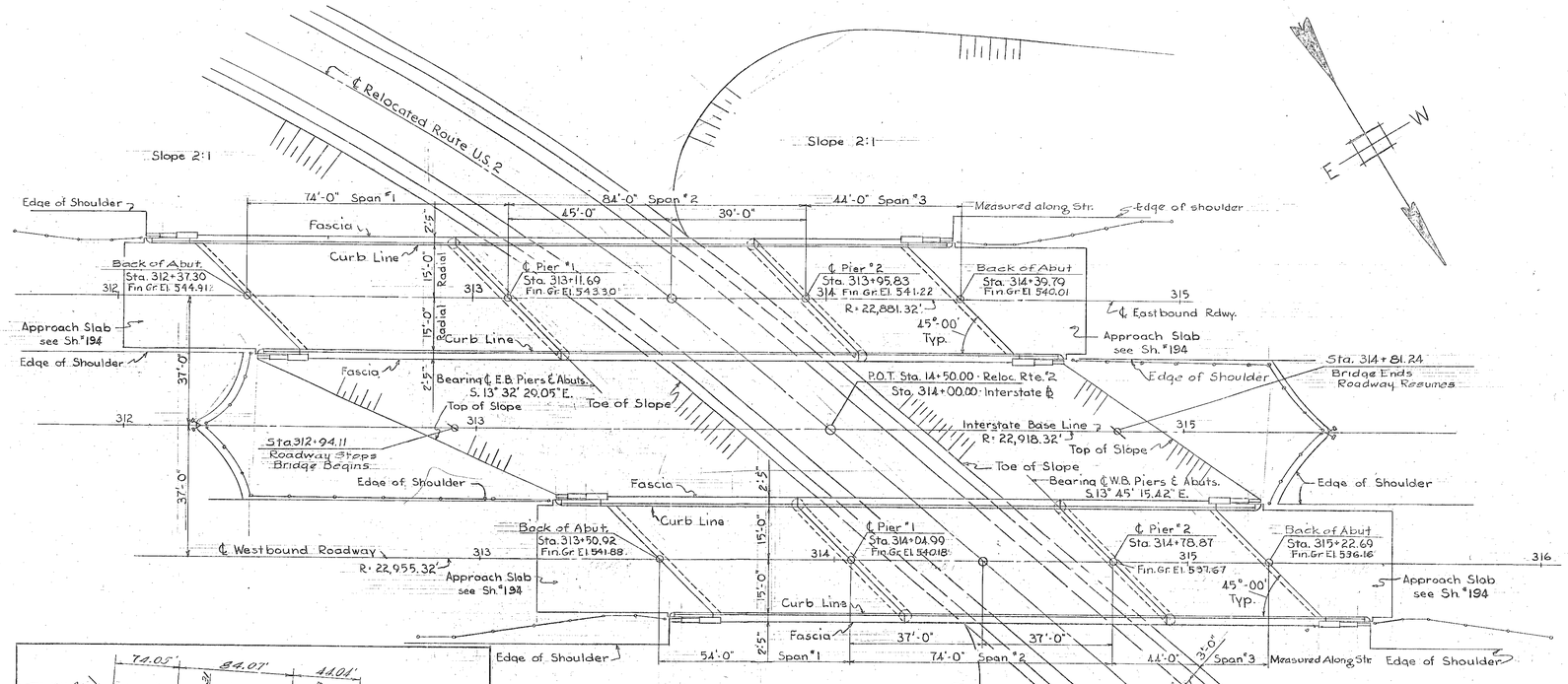
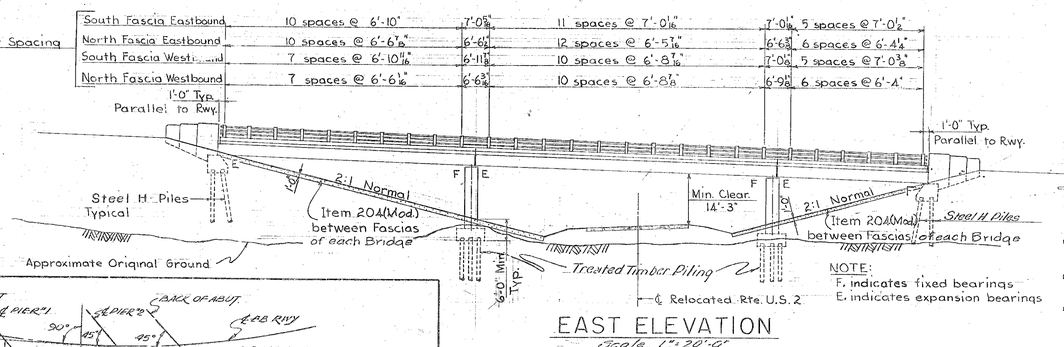
FED. ROAD DIV. NO.	STATE	FEDERAL PROJECT NO.	SHEET	TOTAL SHEETS
	VERMONT	I 000-2(1)	136	800

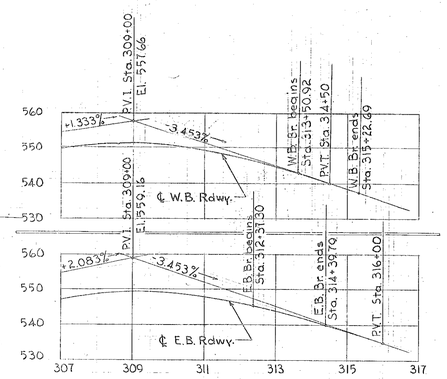


Post Spacing					
South Fascia Eastbound	10 spaces @ 6'-10"	7'-0⅝"	11 spaces @ 7'-0 1/16"	7'-0⅛"	5 spaces @ 7'-0½"
North Fascia Eastbound	10 spaces @ 6'-6⅞"	6'-6½"	12 spaces @ 6'-5⅞"	6'-6⅜"	6 spaces @ 6'-4¾"
South Fascia Westbound	7 spaces @ 6'-10 11/16"	6'-11⅛"	10 spaces @ 6'-8⅞"	7'-0⅛"	5 spaces @ 7'-0⅜"
North Fascia Westbound	7 spaces @ 6'-6 11/16"	6'-6⅜"	10 spaces @ 6'-8⅜"	6'-9⅝"	6 spaces @ 6'-4"

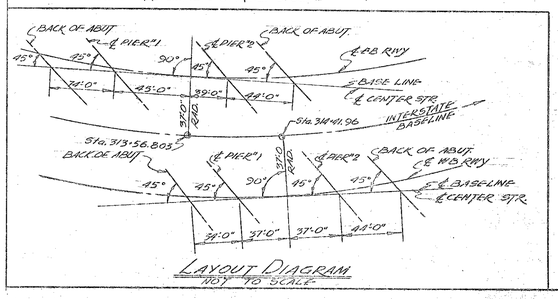


EAST ELEVATION
Scale 1" = 20'-0"

NOTE:
F. indicates fixed bearings
E. indicates expansion bearings



PROFILES
Scales: Hor. - 1" = 200'
Vert. - 1" = 20'



ESTIMATE OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY EASTBOUND NEAT	EASTBOUND ROUND	WESTBOUND NEAT	WESTBOUND ROUND
107	STRUCTURE EXCAVATION	C.Y.	70	78	108	120
204	SUB-BASE OF CRUSHED ROCK (MOD)	C.Y.	195	205	156	164
361B	BIT. CONCRETE PAV'T. (incl. Approach Slab)	Mod.) Ton	101	117	90	104
401B	CLASS "B" CONC. (MOD) (incl. Approach Slab)	C.Y.	626	657	595	624
402	REINFORCING STEEL (incl. Approach Slab)	LB.	99,190	—	92,721	—
403	SPIRAL REINFORCEMENT (6300LBS)	L.S.	—	1	—	
404A	STRUCTURAL STEEL	LB	242,513	247,400	164,831	168,200
502B	TREATED TIMBER PILING	L.F.	3040	—	2800	—
556C	GRANITE BRIDGE CURB (incl. Approach Slab)	L.F.	447	—	387	—
572	BRIDGE RAILING	L.F.	391	—	330	—
407	ASPHALTIC ASBESTOS COATING	S.Y.	100	—	104	—
504	STEEL PILING (10 BP 42)	L.F.	1875	—	2550	—
501	Furnishing Equip. for Driving Piles	L.S.	—	1	—	
596	Preparing Existing Pav. for New Wearing Surf.	S.Y.		2700		2700

GENERAL NOTES

1. All materials and construction shall conform to the State of Vermont Dept. of Highways, Standard Specifications for Road and Bridge Construction dated Jan. 1956 and the AASHO Std. Specifications dated 1953, Designed for H20-S16-44 loading modified for National System of Interstate Highways applied in accordance with the provisions of the AASHO Standard Specifications, Art. 3.2.8.
2. All beams shall be rolled to a true circular camber, full length, and the middle ordinate to be as shown on contract plans.
3. Final coat of field paint shall be black unless otherwise directed by the Engineer.
4. All stations referred to Interstate Base Line between the two Roadways.
5. All dimensions given are measured horizontally or vertically unless noted.
6. All reinforcing to have a clear cover of 3" unless noted.
7. All exposed edges of concrete shall be chamfered 1"x1" unless noted.
8. Borings indicated on the drawings have been made for design purposes only and are not warranted to show actual subsurface conditions.
9. Elevation Datum Sea Level based on Bench Line U.S.C.G.S. Survey Level Line Vermont 25 (Second Order).
10. Where piles are driven in fill, the material shall be such as to have no stones large enough to interfere with the driving of piles.
11. Cross slope of approach slab to conform with cross slope of roadway.
12. Piles shall not be spliced without the written approval of the engineer.
13. The top surfaces of all piers and abutments shall be sloped ¼" per foot from the back edge of abutments or the centerline of piers except for bearing pads projecting 1" or more above the general area, which surfaces shall be level. These sloping surfaces shall be coated with asphaltic asbestos coating, ½" thick as per Item 407 of Specifications, and rounded up against the pads.
14. Where rock is encountered, no footings shall be poured until all blasting in the adjacent area has been completed.
15. All bearing elevations, of abutments and piers, have been lowered 1½" to compensate for excessive camber rolled in beams at the mill.

LIST OF DRAWINGS

REFERENCE DRAWINGS

IM 089-2(26)
This sheet for information only
BR 43 N & S

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
BERLIN - MONTPELIER - MIDDLESEX

OVERPASS STA. 314+00 STRUCTURE #4

GENERAL PLAN & ELEVATION

BOSWELL ENGINEERING CO.
CONSULTING ENGINEERS
RIDGEFIELD PARK, N. J.

SURVEYED BY		CHECKED BY	M.G.C.	SCALE	AS SHOWN
DRAWN BY	A.B.	IN CHARGE	K.J.	DATE	AUG. 1957
PROJECT NO.	I 89-2-(3)	SHEET	215	OF	307