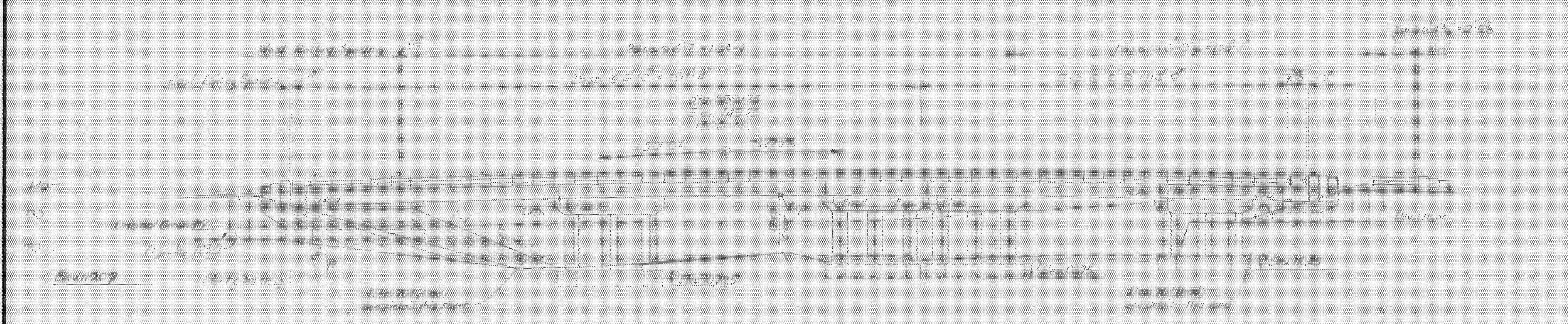


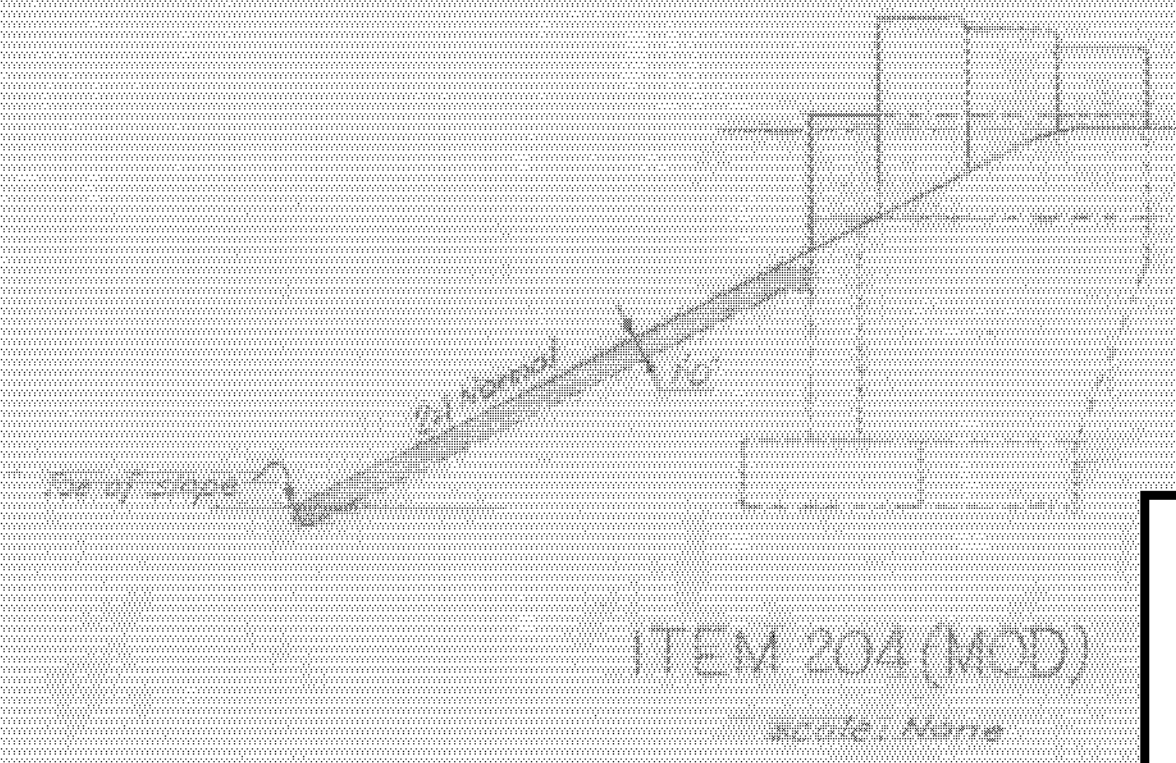
PLAN



ELEVATION

- List of drawings
- 6226 - Preliminary Information sheet
  - 6227 - Plan & Elevation
  - 6228 - Footing A details
  - 6229 - Footing B details
  - 6230 - Pier 142
  - 6231 - Pier 144
  - 6232 - Framing with approach slabs
  - 6233-34 - Reinft Steel Details
  - 6235-36-37 - Details of 4" beam stringer
  - 6221-30B-30-30 - Superstructure
  - 6222 - 30-30-30 - Bearing details
  - 6225 - 30-30-30 - Exp. of Details
  - 6225-24 - 30-30-30 - Bearing details Sheet 1 & 2

\*These items to be included in framing quantities



- (General Notes)
- All materials and construction shall conform to the State of Vermont Department of Highways, Standard Specifications for Road & Bridge Construction, dated Jan 1956 and the A.A.S.H.O. Standard Specifications dated 1957 Designed for 150 SPS-44 loading.
  - All beams shall be rolled to a true circular camber the middle ordinate being that shown in the framing plan.
  - Final cut of field joint shall be given, unless otherwise directed by the engineer.
  - All dimensions are measured horizontally or vertically unless otherwise noted.
  - All dimensions given are in feet.
  - All reinforcing to have a clear cover 3" unless otherwise noted.
  7. All exposed edges of concrete shall be chamfered 1/4" unless otherwise noted.
  8. Formwork included in the drawings have been made for design purposes only and are not warranted to show actual subsurface conditions.
  9. Steel Bearing Piles shall be driven to ledge rock unless otherwise approved by the engineer. When Piles are driven to fill, the material should be such that will have no stores large enough to interfere with the driving of piles.
  10. The top surface of all piers and abutments shall be sloped 1/4" per ft. from the back edge of abutments or the exterior face of piers, except for bearing piles, sloping 1/2" per ft. above the general area, which surfaces shall be level there sloping surfaces shall be coated with asphaltic asbestos coating 1/2" thick as per item 407 of specifications. The application of this item shall be after all painting and incidental items are completed.
  11. Where rock is encountered, no footings shall be poured until all blasting in an area is noted in special provisions has been completed.
  12. All dimensions given are measured horizontally or vertically unless otherwise noted.
  13. Elevation datum see level based on nearest U.S. Government vertical control.
  14. Cross slope of approach side to conform with the cross slope of bridge.
  15. All expansion material shall be premoolded cork containing no bituminous or asphalt.

SUMMARY OF QUANTITIES -

ITEM NO.	ITEM	UNIT	NET	FINAL
102A	GRAVEL BORROW	C.Y.	1770	
401B	Concrete Class B (Mod)	C.Y.	4570	415
204	Sub-base of Crushed Stone (1/2" max)	C.Y.	4800	127
301B	Earth Conc. Foundation (Mod)	Sq. Ft.	136	
107	STRUCT. EXCAV.	C.Y.	450	552
401-B	CONC. CLASS B (MOD.)	C.Y.	4500	430
402	REINF. STEEL	LBS.	42000	42728
407	ASPHALTIC-ASB. COATING	S.Y.	450	98
310	THE EMULSION FOR BRIDGE DECK	Sq. Ft.	496	
	Curalls @ 10% Unit Price		0	129
304	STEEL PILING (12" x 13")	L.F.	238	217
373C	Steel Joists - Preformed	L.F.	238	
403	Struct. Reinforcement (6030#)	LBS.	17	1
304A	Structural Steel	Sq. Ft.	30000	30000
507	Forming Equipment (including labor)	L.S.	10	10
306C	Concrete Bridge Curb (Mod)	L.F.	650	650
510	Bridge Balling	L.F.	622.7	622
722	Special Backfill	C.Y.	110	0

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

TOWN OF SWANTON-HIGHGATE

ROUTE No. I-89 LOG. STA. 890+8.98

PLAN AND ELEVATION

U.S. 27 OVER INTERSTATE

SCALE 1" = 20' & 1/2" VERT.

SURVEYED BY ROBERT MARRIN, Inc.

DRAWN BY R.M.K. CHECKED BY E.P.P.

PROJECT NO. I-89-307

SHEET 81 OF 143 Contract B