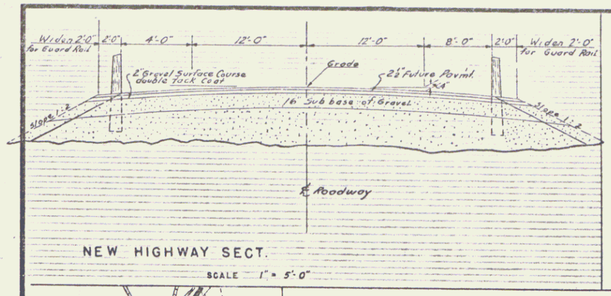
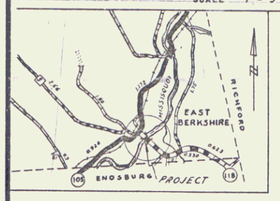


NEW HIGHWAY SECT.

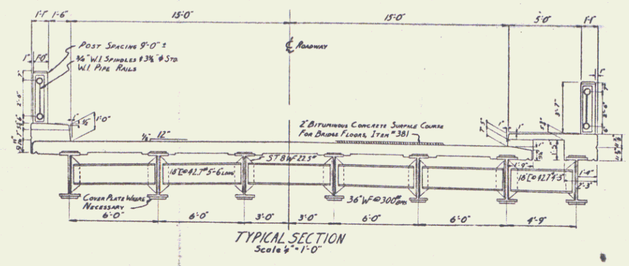
SCALE 1" = 5'-0"



SEE PLAN & PROFILE SHEET

NEW HIGHWAY PROFILE ALONG ℄

SCALE

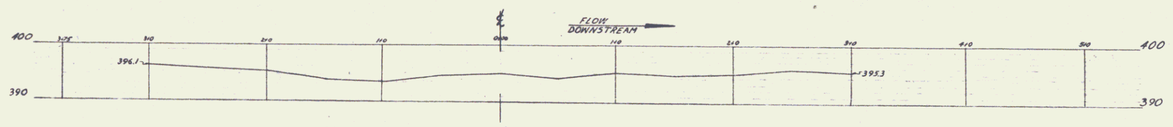


TYPICAL SECTION

Scale ¾" = 1'-0"

PLAN

SCALE



PROFILE OF PROPOSED STREAM CHANNEL

SCALE Horz 1" = 50'
Vert 1" = 10'

Highway No. 118 Name of Highway

Structure No. 28 County FRANKLIN Town BERKSHIRE

Approved Date

Bridge Engineer, Dist. No. 9.

EXISTING STRUCTURE

1. Posted loading of existing structure H 4 (4 Tons)
2. Location and type of existing structure Eng. Sta. 82+90. Steel Truss-Surface 5ft Grid's Conc.
3. Underclearance elevation of existing structure 416.0
4. What disposition should be made of the existing structure and probable cost of removal Remove - $1200.00
5. Should existing structure be utilized to maintain traffic during construction of new structure No
6. Should new Temporary structure be built Yes
7. Ordinary high water surface elevation at existing structure or structures up or down stream 410.0
8. Extreme high water at existing structure 414.0
9. Span and waterway area below ordinary high water surface elevation of existing structure or structures up or down stream Span 152 ft. Area 1850 Sq. Ft.
10. Type of foundation under existing abutments Same as at new Site
11. If existing structure is to be widened or extended, attach sketch containing complete data to prepare plans for widening or extending and to determine safe loading capacity, substructure, and superstructure

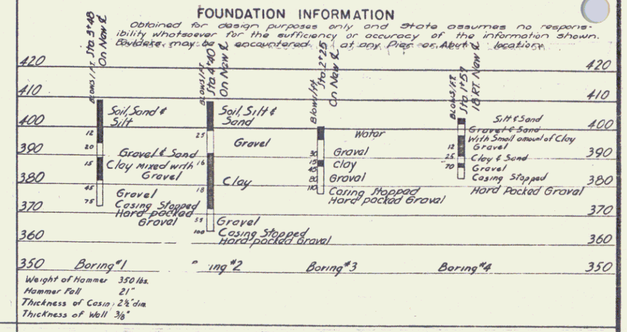
NEW STRUCTURE

1. Recommended type of structure Continuous W. Beam, Conc. Floor, 30 ft. Roadway, 1 Walk 1'-6" Wide, 1 Walk 5' Wide
2. Recommended clear span or spans
   Measured parallel to ℄ new highway 2-95 ft. End Spans; 1-110 ft. Center Span
   Measured at right angles to ℄ stream " " " " " " " " "
3. Are there objections to a pier in the stream, answer yes or no No
4. Ordinary high water elevation at new structure 408
5. Ordinary elevation of water at new structure 402.5
6. Extreme high water elevation at new structure 412
7. Does stream reach its maximum high water elevation rapidly No Is ordinary rise rapid No
8. Low water elevation at new structure 398
9. Drainage area in acres above structure 365,000 Character of terrain Hilly
10. Is stream ever dry No
11. Velocity of stream at high water stage 7 FT. Per Sec.
12. Recommended waterway area below ordinary high water elevation, measured at ⊥ to ℄ of stream 2600
13. Does erosion occur Yes
14. Does stream carry light, medium or heavy drift and ice Light
15. Should roadway be banked? If so how much per foot No
16. Are sidewalks required? If so, on what side Yes Both sides. 2 Col Walk 5' Sidewalk
17. Recommended type of pavement Bituminous Conc. Pavement
18. Traffic to be maintained under what item no. 109 One or two ways? One Probable cost 500.00
19. Probable cost of clearing and grubbing stream channel at structure site None
20. Should provisions be made for public utilities Conduit for L.I. Others Not requested to date
21. Estimated allowable load on foundation 20 Ton/Sq. Ft. Should piles be used? Yes 1st 19th 20-25 ft.

Bridge designed for H-20 loading.

FOUNDATION INFORMATION

Obtained for design purposes only and State assumes no responsibility whatsoever for the sufficiency or accuracy of the information shown. Borings may be encountered at any Piers or Abutments location.



PRELIMINARY INFORMATION SHEET

STATE OF VERMONT

DEPT. OF HIGHWAYS

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL:

DISTRICT ENGINEER DATE

APPROVED:

DIVISION ENGINEER DATE

CORRECT April 3 1950
BRIDGE ENGINEER

APPROVED April 3 1950
CHIEF ENGINEER

BERKSHIRE
5-33 (3)