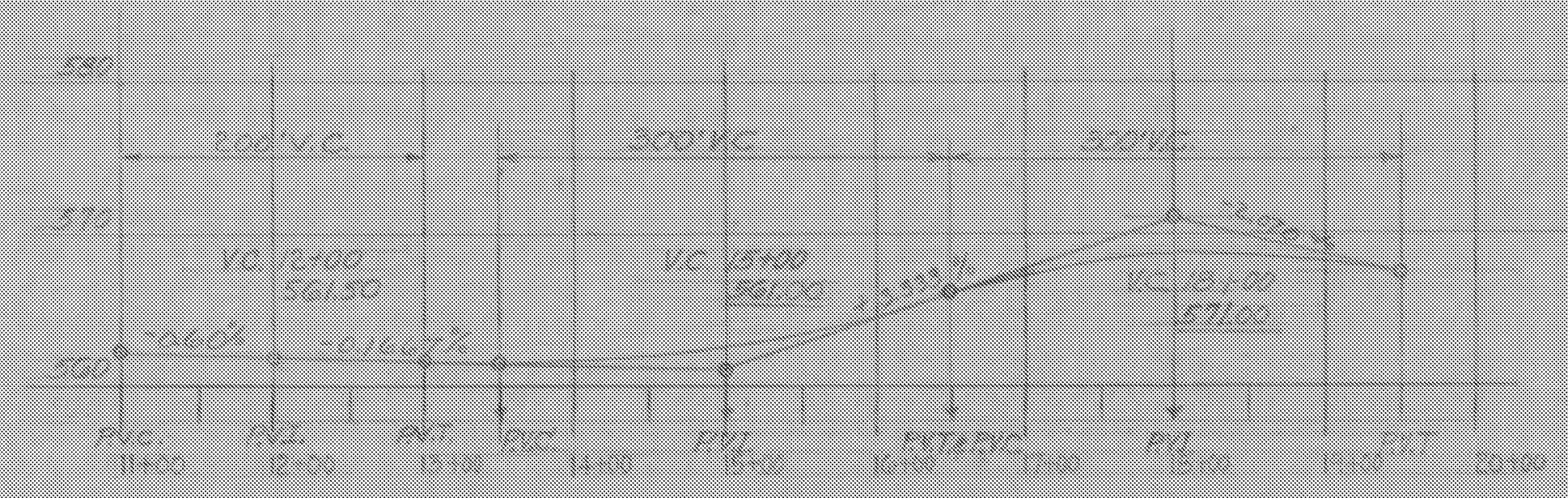


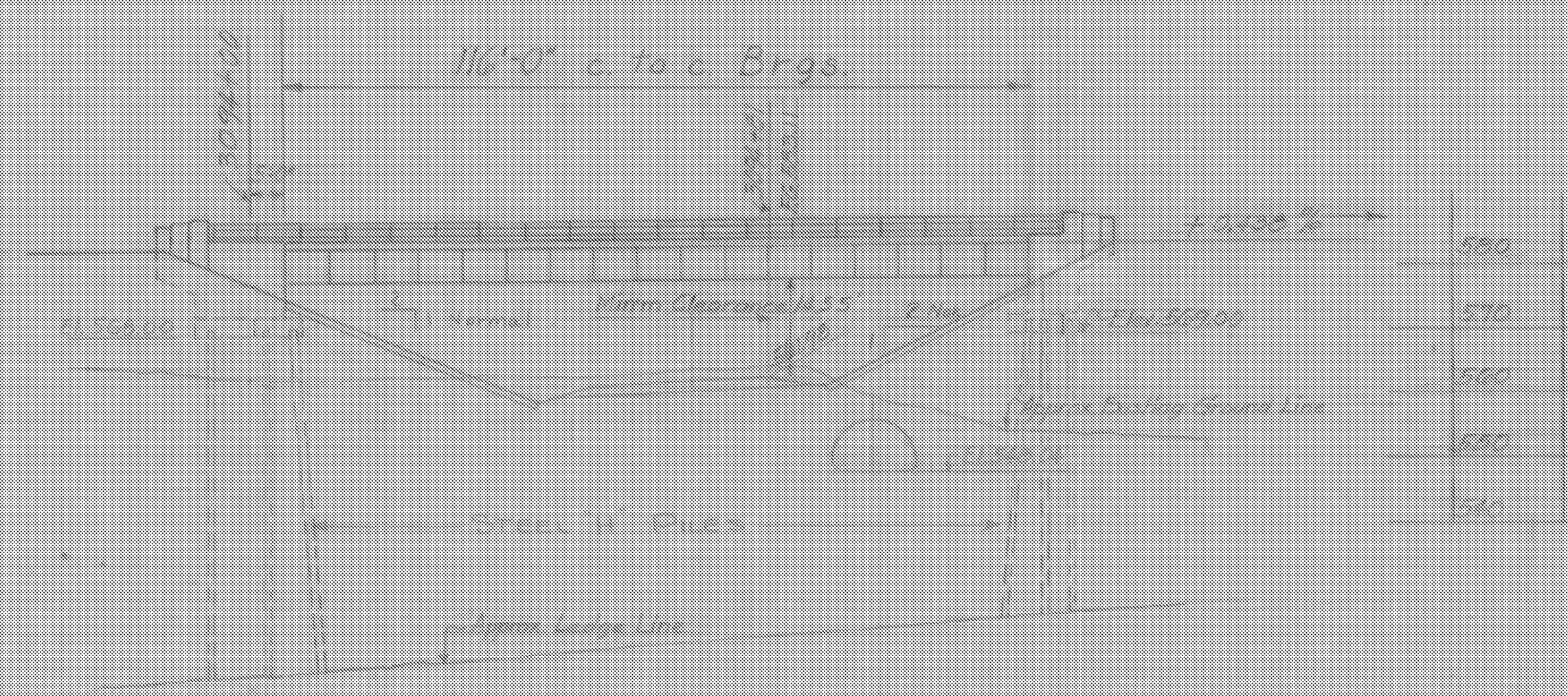
INTERSTATE SECTION  
NEW HIGHWAY SECT. STA. 3092+50 TO STA. Bridge

INT. Sec. SCALE: 1" = 40'-0"



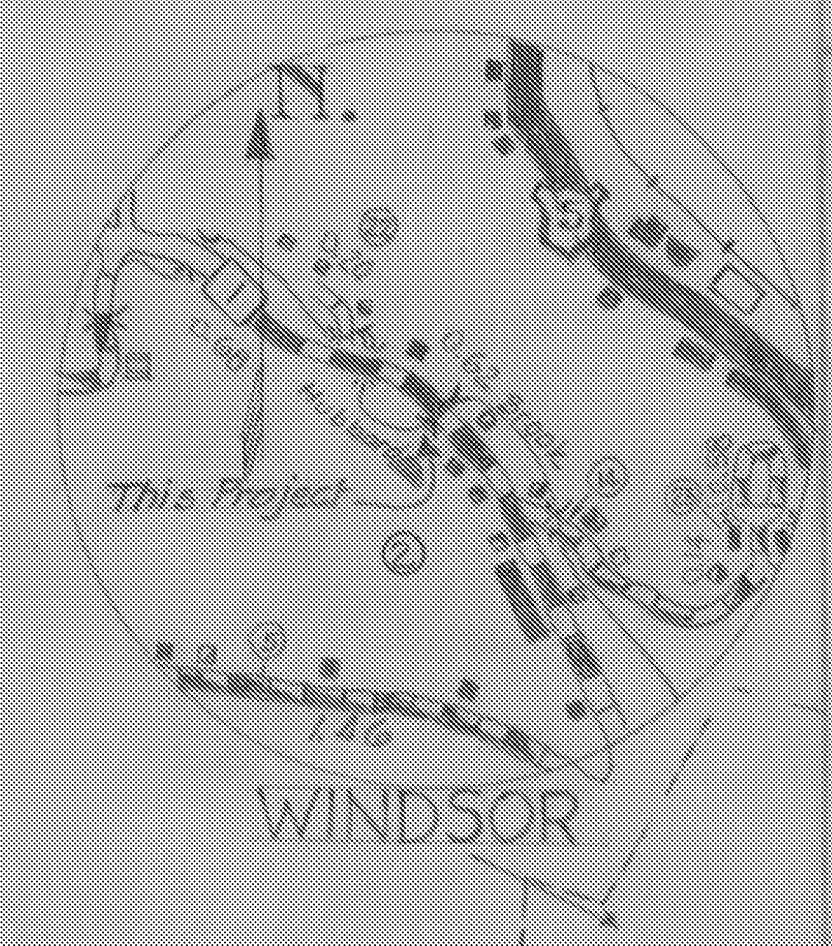
NEW HIGHWAY PROFILE ALONG STATE AID N°1

SCALE: HORIZ. 1" = 100', VERT. 1" = 10'

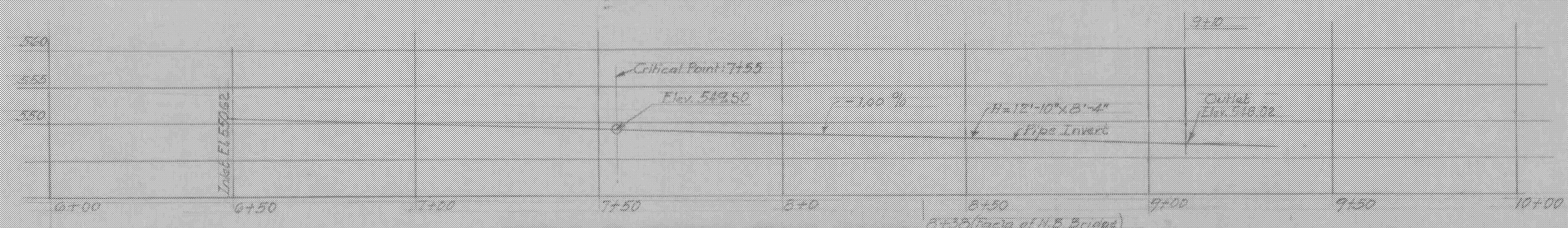


ELEVATION - RIGHT FASCIA NORTH BOUND LANE

SCALE: 1" = 20'



WINDSOR



PROFILE OF PROPOSED STREAM CHANNEL

SCALE: HORIZ. 1" = 20', VERT. 1" = 10'-0"

HIGHWAY NO. I 91 NAME OF HIGHWAY INTERSTATE OVER S.A. #1 & HUBBARD BROOK  
COUNTY WINDSOR TOWN WINDSOR  
PROJECT NO. I-91-100(30) LOCATION WETHERSFIELD-WINDSOR-HARTLAND (CONTRACT 4)

EXISTING STRUCTURE

1. RATED LOADS OF EXISTING STRUCTURE
2. TYPE OF EXISTING STRUCTURE
3. UNDERLAYS ELEVATION OF EXISTING STRUCTURE
4. WHAT DISPOSITION SHOULD BE MADE OF EXISTING STRUCTURE COST OF DEMOLITION
5. SHOULD EXISTING STRUCTURE BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OF NEW STRUCTURE
6. SHOULD NEW TEMPORARY STRUCTURE BE USED
7. ORDINARY HIGH WATER SURFACE ELEV. AT EXISTING STRUCTURE WATERWAY TO ORDINARY H.W.
8. EXTREME HIGH WATER AT EXISTING STRUCTURE
9. SPAN OF EXISTING BRIDGE UPSTREAM
10. TYPE OF FOUNDATION UNDER EXISTING ABUTMENTS
11. DOES ALL FLOOD ELEVATION PASS THROUGH EXISTING STRUCTURE
12. IF NOT AT WHAT ELEVATION IS RELIEF AFFORDED
13. ADDITIONAL WATERWAY AREA PROVIDED

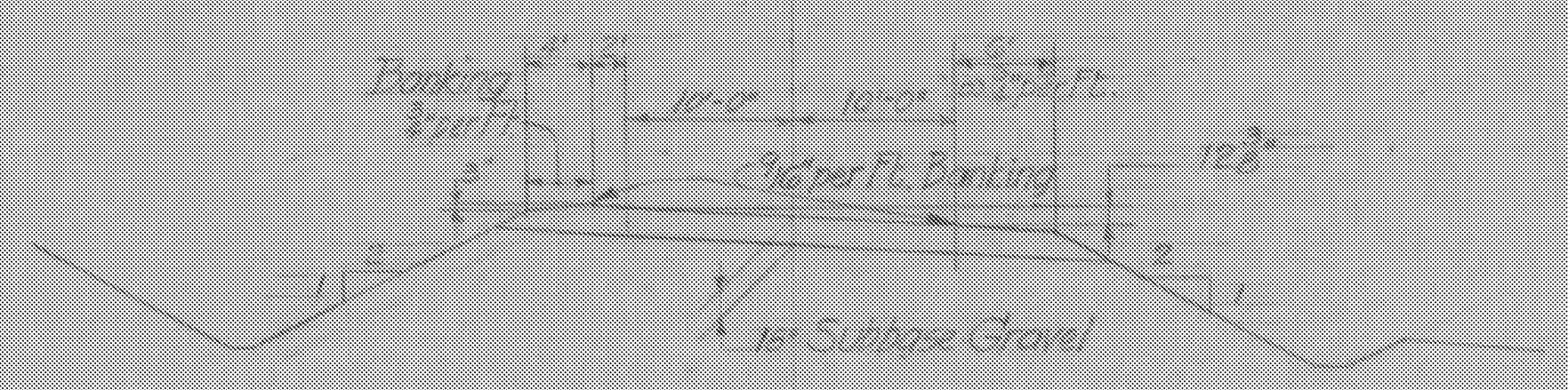
NEW STRUCTURE

1. RECOMMENDED TYPE OF STRUCTURE 2 SINGLE SECTION
2. RECOMMENDED CLEAR SPAN OR SPANS 116'
3. MEASURED PARALLEL TO NEW HIGHWAY
4. MEASURED AT RIGHT ANGLES TO STREAM
5. ARE THERE OBJECTIONS TO A PIER IN THE STREAM, ANSWER YES OR NO
6. ORDINARY HIGH WATER ELEVATION AT NEW STRUCTURE
7. EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE SOURCE OF INFORMATION
8. IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE?
9. DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY IS ORDINARY RUN RAPID?
10. LOW WATER ELEVATION AT NEW STRUCTURE
11. DRAINAGE AREA IN ACRES ABOVE STRUCTURE CHARACTER OF TERRAINE
12. IS STREAM EVER DRY?
13. VELOCITY OF STREAM AT HIGH WATER STAGE ESTIMATED DISCHARGE
14. AREA FULL CROSS AREA BELOW ORDINARY H.W.
15. CHARACTER OF SOILS DRIFT ICE
16. ESTIMATED STORAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE
17. VERTICAL CLEARANCE FROM FLOOD ELEVATION 14.50' Min.
18. ARE SIDEWALKS REQUIRED, IF SO ON WHAT SIDE NO BOTH SIDES
19. RECOMMENDED TYPE OF PAVEMENT 12" BITUMINOUS CONCRETE & 7" CONCRETE SLAB
20. TRAFFIC TO BE MAINTAINED UNDER TYP. TR. ONE OR TWO LANE PROBABLE COST
21. PROBABLE COST OF CLEARING AND GRUBBING STREAM CHANNEL AT STRUCTURE SITE
22. SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES NO
23. ESTIMATED ALLOWABLE LOAD ON FOUNDATION 45 TONS SHOULD PILES BE USED YES SET LEGS

FOUNDATION INFORMATION

OBTAINED FOR DESIGN PURPOSES ONLY, AND THE STATE ASSUMES NO RESPONSIBILITY WHATSOEVER FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION GIVEN. SOILS MAY BE ENCOUNTERED AT ANY PIER OR ABUTMENT LOCATION.

FOR TYPICAL BRIDGE SECTION SEE SHEET BR 107



TYPICAL SECTION

STATE AID ROAD N°1

SCALE: 1" = 10'-0"

WINDSOR-HARTLAND  
IM MEMB(14)  
SHEET 26 OF 39  
BRIDGE 35N&S  
FOR REFERENCE ONLY

WINDSOR  
STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
INTERSTATE IN THE TOWNS OF  
WETHERSFIELD - WINDSOR - HARTLAND  
ROUTE NO I 91 LOG STA  
INTERSTATE OVER S.A. #1 & HUBBARD BROOK  
DRAWN BY: [Signature] CHECKED BY: [Signature] SCALE: [Blank]  
PROJECT NO. I-91-100(30) SHEET 67 OF 287  
STAGE 21 CONSTRUCTION  
CONTRACT 4