

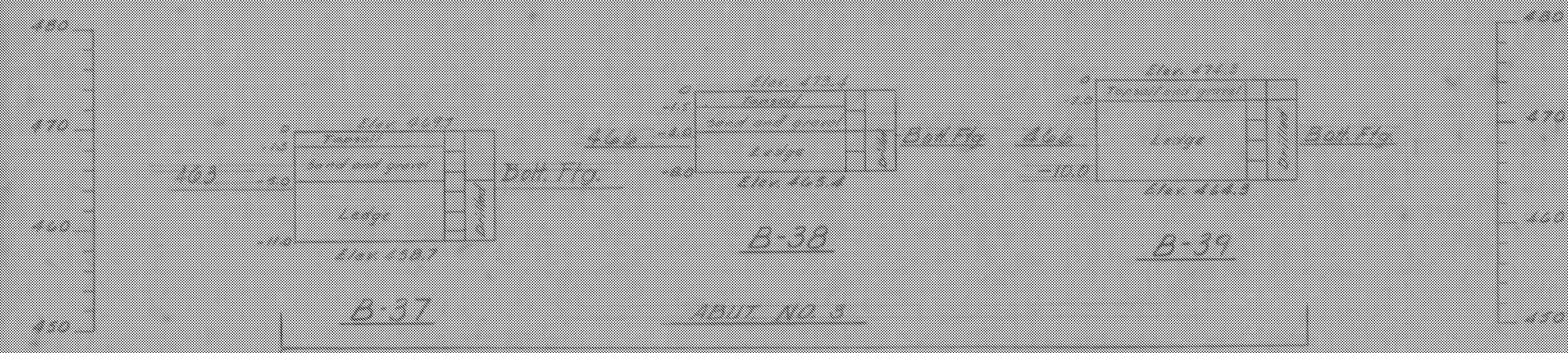
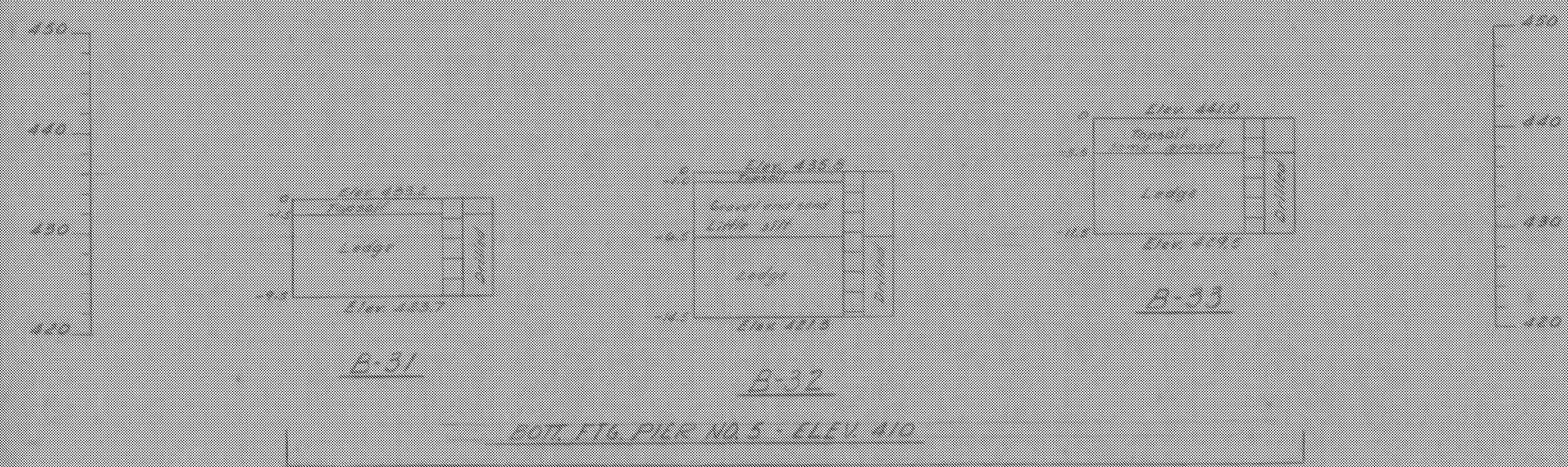
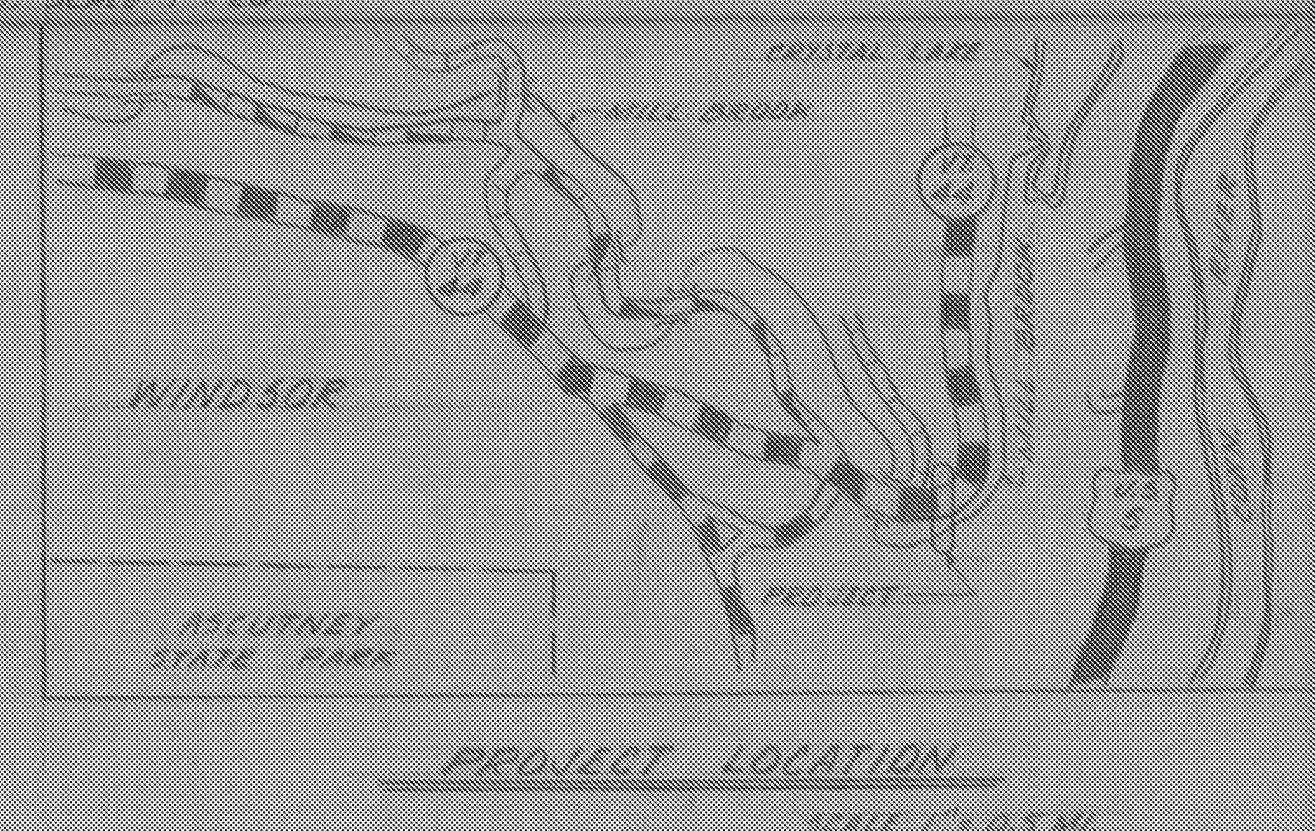
HIGHWAY NO. I-91 NAME OF HIGHWAY INTERSTATE
 STRUCTURE NO. _____ COUNTY WINDSOR TOWN WINDSOR
 PROJECT NO. E-91-1(21) LOCATION WINDSOR

EXISTING STRUCTURE

1. TYPE OF EXISTING STRUCTURE _____
2. TYPE OF EXISTING STRUCTURE _____
3. UNDERCLEARANCE ELEVATION OF EXISTING STRUCTURE _____
4. WHAT IMPROVEMENT SHOULD BE MADE TO EXISTING STRUCTURE _____
5. SHOULD EXISTING STRUCTURE BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OF NEW STRUCTURE _____
6. SHOULD NEW TEMPORARY STRUCTURE BE BUILT _____
7. PRIMARY HIGH WATER SURFACE ELEV. AT EXISTING STRUCTURE _____ WATERWAY TO EXISTING S.W. _____
8. EXTREME HIGH WATER AT EXISTING STRUCTURE _____ WATERWAY TO EXISTING S.W. _____
9. SPAN OF EXISTING BRIDGE UPSTREAM _____ WATERWAY TO EXISTING S.W. _____
10. SPAN OF EXISTING BRIDGE DOWNSTREAM _____ WATERWAY TO EXISTING S.W. _____
11. DOES ALL WATER AT FLOOD ELEVATION PASS THROUGH EXISTING STRUCTURE _____
12. IS IT SAFE AT WHAT ELEVATION IS RELIEF AFFORDED _____
13. IS ADDITIONAL WATERWAY AREA PROVIDED _____

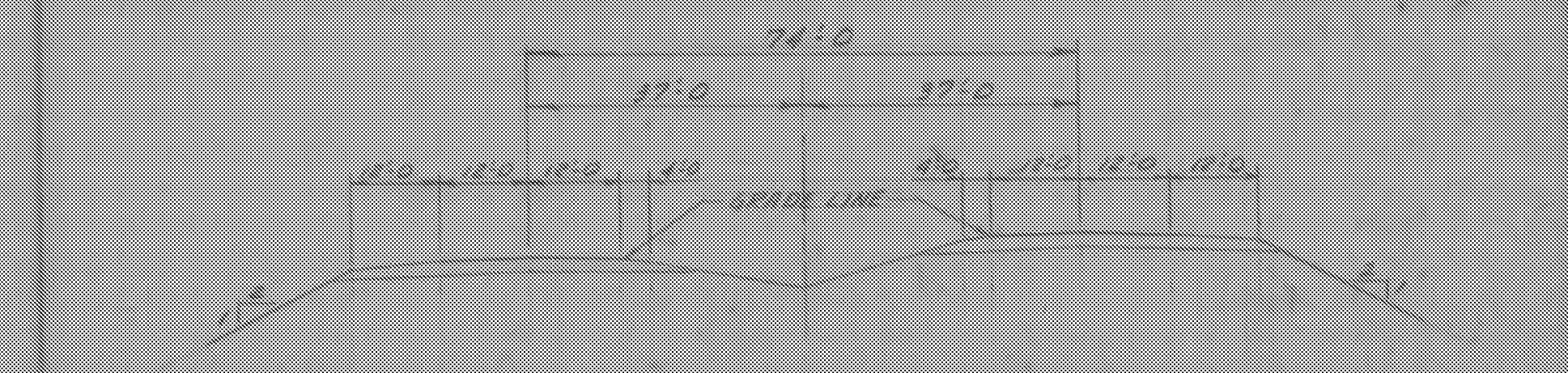
NEW STRUCTURE (5CB-30-62 MOD.)

1. RECOMMENDED TYPE OF STRUCTURE CONTINUOUS FLAT GIRDER - FLOOR BEAMS & STRINGERS
2. RECOMMENDED CLEAR SPAN OR SPANS 142'-134"-142'
3. MEASURED PARALLEL TO NEW HIGHWAY 652'
4. MEASURED AT RIGHT ANGLES TO STREAM 562'
5. ARE THERE OBJECTIONS TO A PIER IN THE STREAM, SHOWER YES OR NO YES
6. ORDINARY HIGH WATER ELEVATION AT NEW STRUCTURE 401.8 SOURCE OF INFORMATION 20% Storm B.P.R. Chart
7. EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE 401.8
8. IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE? YES
9. DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY? NO IS ORDINARY SIDE RAPID? NO
10. LOW WATER ELEVATION AT NEW STRUCTURE 394.0
11. DRAINAGE AREA IN ACRES ABOVE STRUCTURE 27,500 CHARACTER OF TERRAINE MOUNTAINOUS
12. IS STREAM EVER DRY? NO
13. VELOCITY OF STREAM AT HIGH WATER STAGE 13.0 ft/sec. ESTIMATED DISCHARGE 7500 cfs.
14. AREA FULL OPENING _____ AREA BELOW SECONDARY S.W. _____
15. CHARACTER OF SOIL _____ DRIFT _____
16. ESTIMATED DRAINAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE _____
17. VERTICAL CLEARANCE ABOVE FLOOD ELEVATION 78.0 ft.
18. ARE SIDEWALKS REQUIRED, IF SO ON WHAT SIDE? NONE BOTH SIDES _____
19. RECOMMENDED TYPE OF PAVEMENT REINFORCED CONCRETE WITH BITUMINOUS SURFACE
20. TRAFFIC TO BE MAINTAINED UNDER ITEM NO. _____ ONE OR TWO LANE _____
21. IS IT FEASIBLE TO MAINTAIN STREAM CHANNELS AT STRUCTURE SITE? _____
22. SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES? NO
23. ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS _____ SHOULD PILES BE USED? YES EST. LENGTH 45'-135'

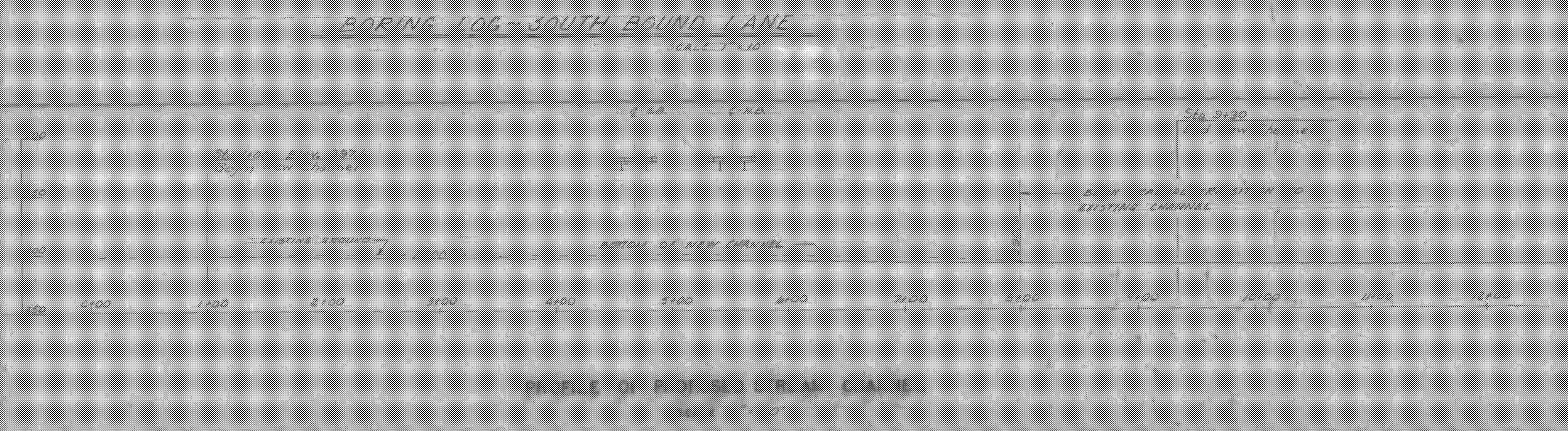


FOUNDATION INFORMATION

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



Note: All Channel Excavation, Item 106, and Stone Fill, Item 321, on Contract #5, is to be performed, furnished, and placed by the Contract #2 Contractor.



BR. 103 OF 125

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE _____ IN THE TOWNS OF
WEATHERSFIELD-WINDSOR-HARTLAND

ROUTE NO. I-91 100 STA 2924+19

INTERSTATE OVER VT. ROUTE 46 AND MILL BROOK

DESIGNED BY E.L.O. CHECKED BY R.S.F. SCALE As Shown

PROJECT NO. E-91-1(21) SHEET 13 OF 37

DATE Aug. 26, 1962 APPROVED 9/11/62

Windsor Windsor

WINDSOR-HARTLAND
IM MEMB(14)

SHEET 13 OF 39
BRIDGE 33S
FOR REFERENCE ONLY