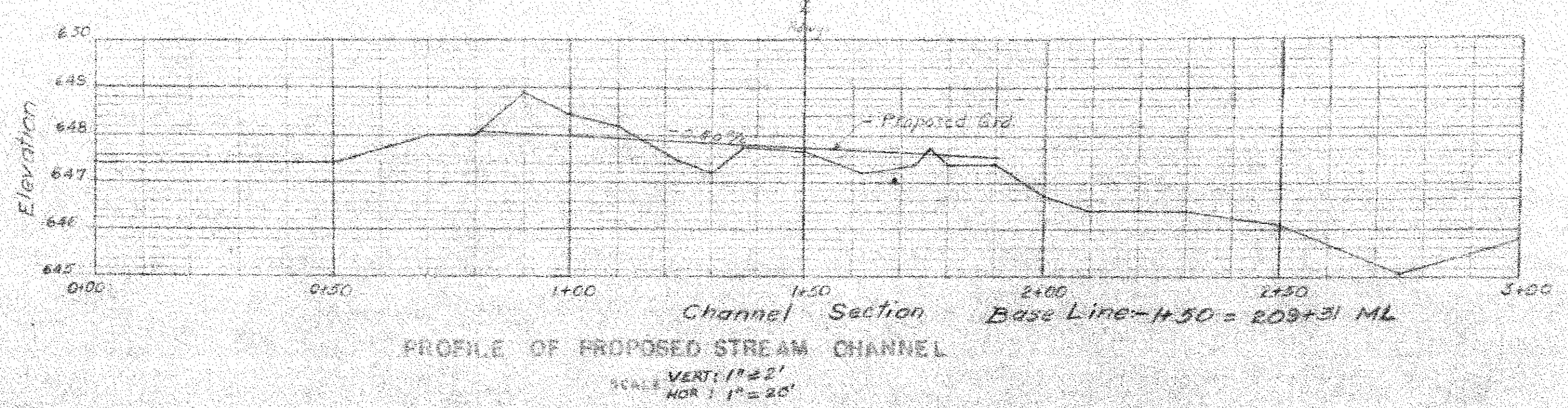
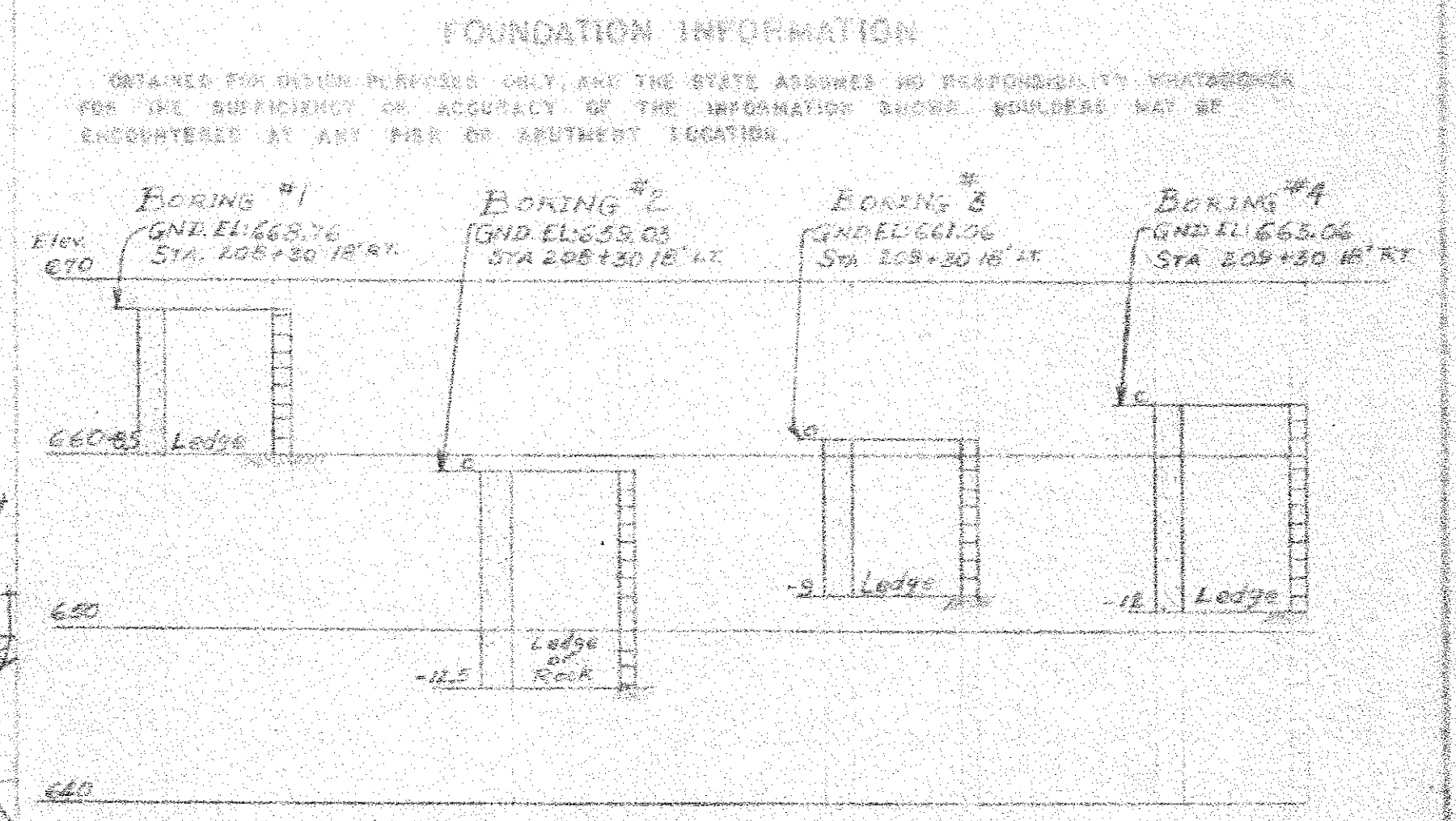
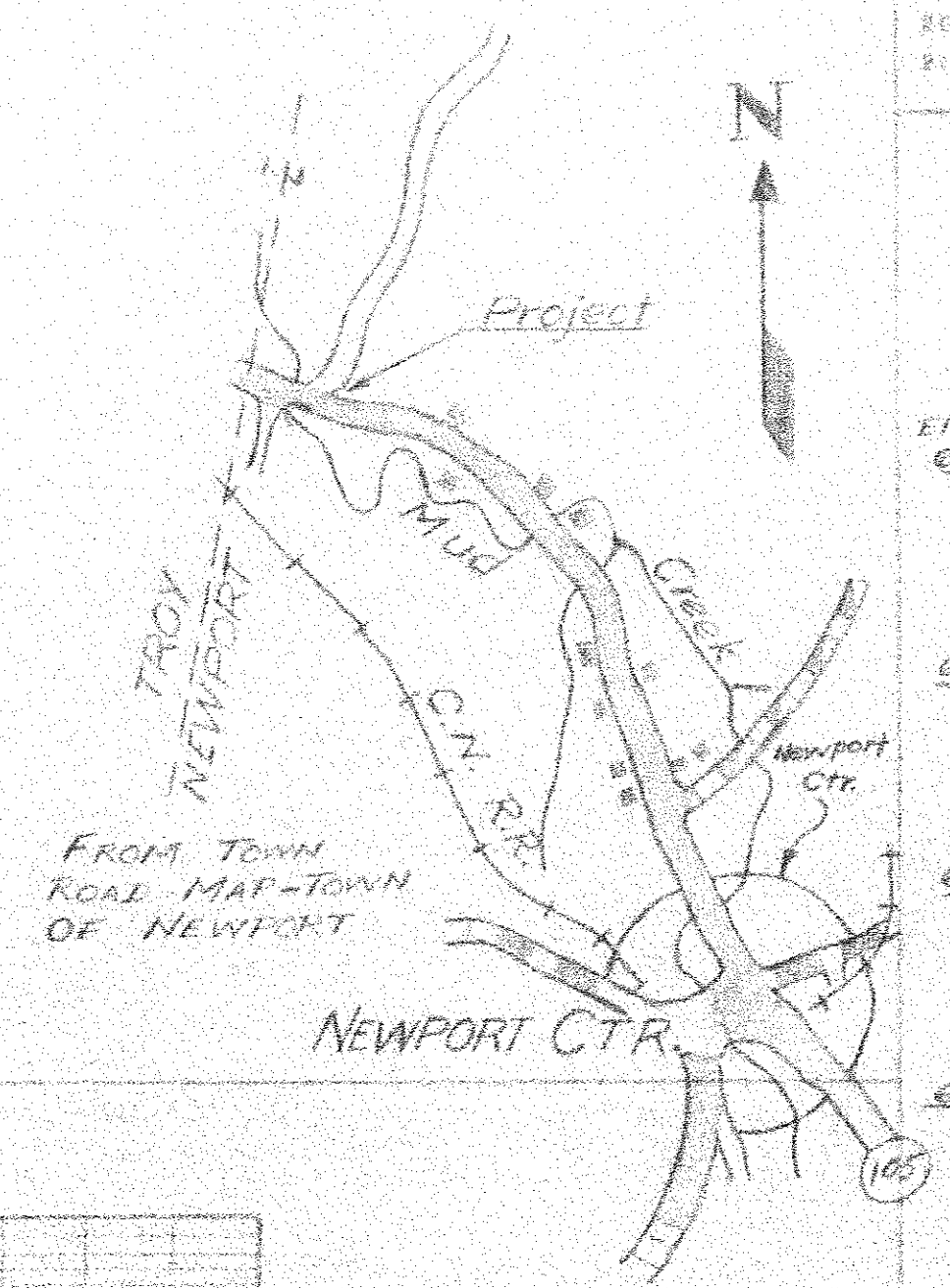
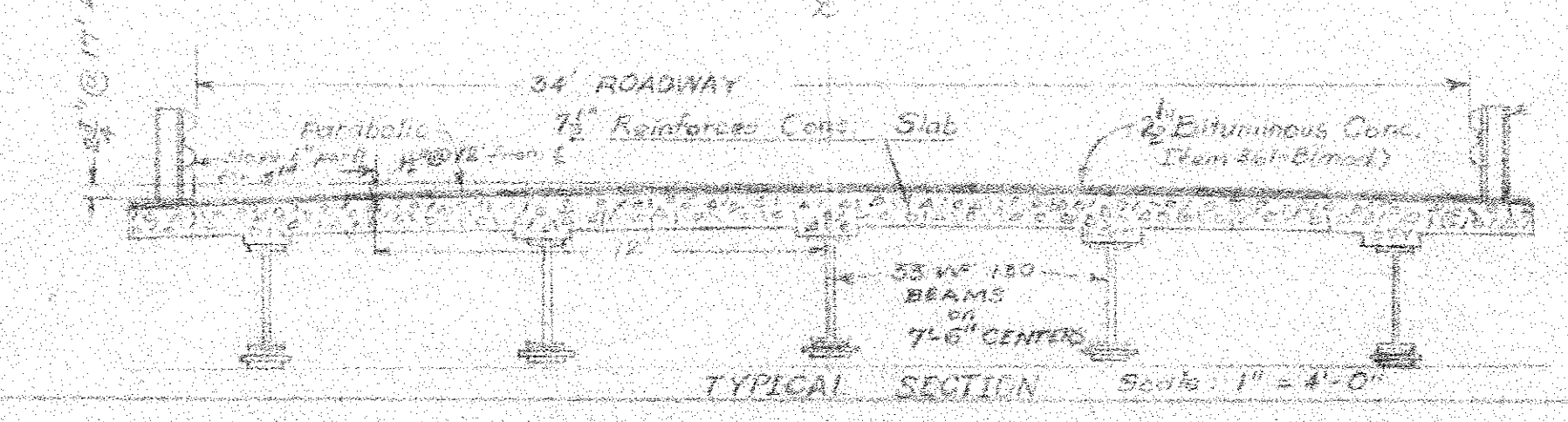
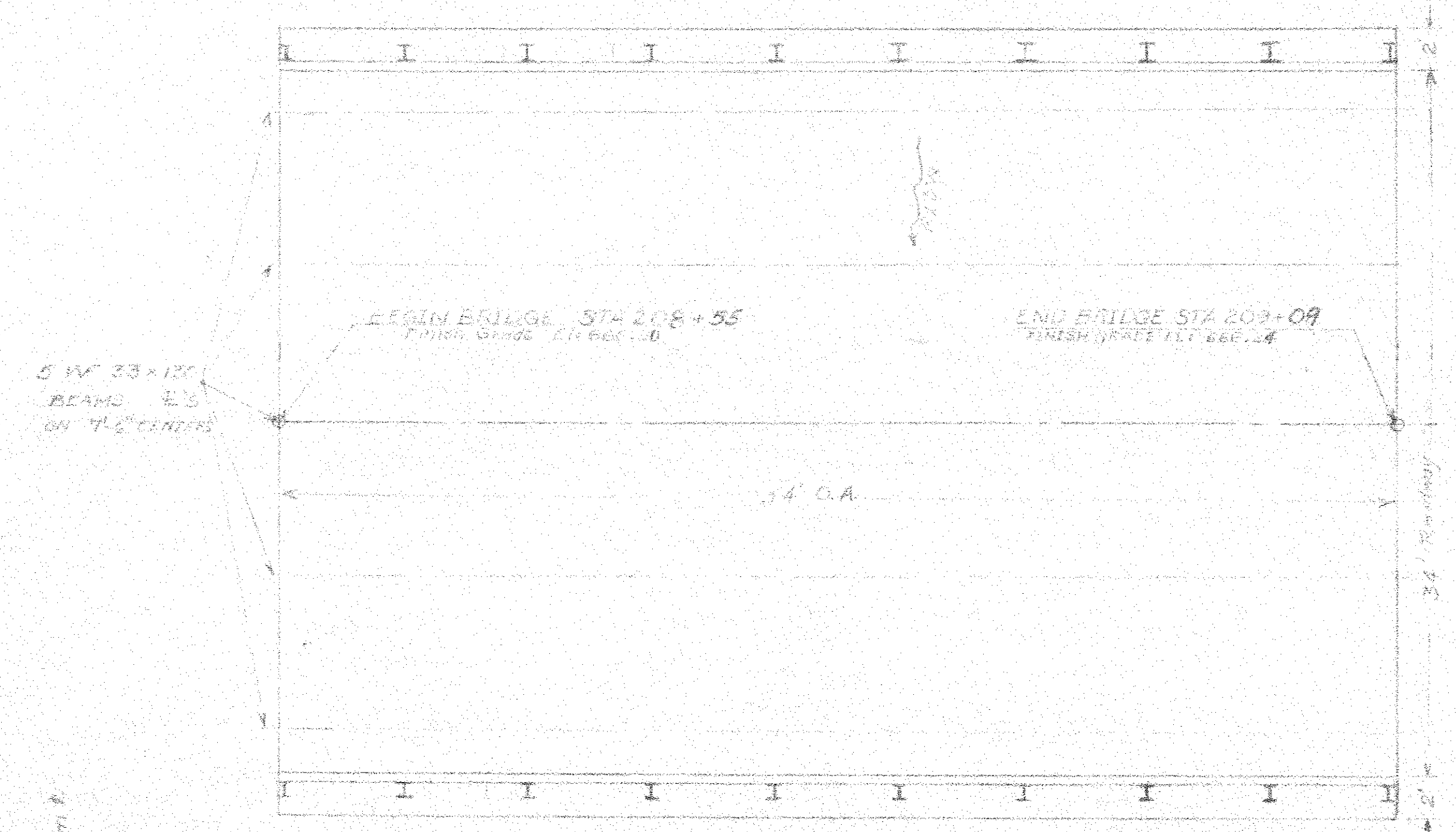


EXISTING STRUCTURE	
1. RATED LOADING OF EXISTING STRUCTURE	H-15
2. TYPE OF EXISTING STRUCTURE	CONCRETE T-BEAM
3. UNDEVELOPED ELEVATION OF EXISTING STRUCTURE	659.7
4. WHAT DISPOSITION SHOULD BE MADE OF EXISTING STRUCTURE	Remove east of bridge (retain & extend north) under structure only
5. SHOULD EXISTING STRUCTURE BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OF NEW STRUCTURE	No
6. SHOULD NEW TEMPORARY STRUCTURE BE BUILT	Yes
7. PRIMARY HIGH WATER SURGE ELEV. AT EXISTING STRUCTURE	653.2 WATERWAY TO ORDINARY H.W.
8. EXTREME HIGH WATER SURGE ELEV. AT EXISTING STRUCTURE	658.2 WATERWAY TO EXTREME H.W.
9. SPAN OF EXISTING BRIDGE UPSTREAM	3 @ 33' WATERWAY TO EXTREME H.W.
10. TYPE OF FOUNDATION UNDER EXISTING ABUTMENTS	Ledge
11. DOES ALL WATER AT FLOOD ELEVATION PASS THROUGH EXISTING STRUCTURE	yes
12. IS NOT AT HIGH ELEVATION IS WATER AFFORDED	
13. ADDITIONAL WATERWAY AREA PROVIDED	
NEW STRUCTURE	
1. RECOMMENDED TYPE OF STRUCTURE	Composite W (square)
2. RECOMMENDED CLEAR SPAN OR SPANS	54'-0" Overall
3. MEASURED PARALLEL TO & NEW HIGHWAY	50'-0" Clear Span
4. MEASURED AT RIGHT ANGLED TO STREAM	50'-0"
5. ARE THERE OBJECTIONS TO A PIPE IN THE STREAM, ANSWER YES OR NO	yes
6. PRIMARY HIGH WATER ELEVATION AT NEW STRUCTURE	658.0
7. EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE	656.5 SOURCE OF INFORMATION: computed
8. IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE	yes
9. DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY	Medium ordinary rise rapid, same
10. LOW WATER ELEVATION AT NEW STRUCTURE	646.0
11. DRAINAGE AREA IN ACRES ABOVE STRUCTURE	19.366 CHARACTER OF TERRAIN: Hilly
12. IS STREAM EVER DRY	NO
13. VELOCITY OF STREAM AT HIGH WATER STAGE	2.0 f/s ESTIMATED DISCHARGE: 3800 CFS
14. AREA FULL OPENING	725.0' AREA BELOW ORDINARY H.W.: 850.0'
15. CHARACTER OF SOIL	None GRIFT None
16. ESTIMATED DRAINAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE	
17. VERTICAL CLEARANCE ABOVE FLOOD ELEVATION	6.1'
18. ARE SIDEWALKS REQUIRED, IF ON OR WHAT SIDE	None BOTH SIDES
19. RECOMMENDED TYPE OF PAVEMENT	Bituminous Concrete
20. TRAFFIC TO BE MAINTAINED UNDER TRUCK NO.	ONE OR TWO WAYS PROBABLE COST: \$300.00
21. PROBABLE SORT OF CLEARING AND GRUBBING STREAM CHANNEL AT STRUCTURE SITE	
22. SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES	NO
23. ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS	Ledge, SHOULD BE USED: No 200 LB



STATEWIDE - N.E. REGION
BHF MEMB(19)
SHEET 59 OF 80
BRIDGE No. 57
FOR REFERENCE ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
IN THE TOWNS OF
TROY-NEWPORT
ROUTE NO. VT 100 LOG 518 9-06
R.R. 57

APPROVED: *[Signature]* DATE: 7/21/58
PROJECT: F-034-2(2) SHEET 59 OF 160
NEWPORT-TROY
F-034-2(2)