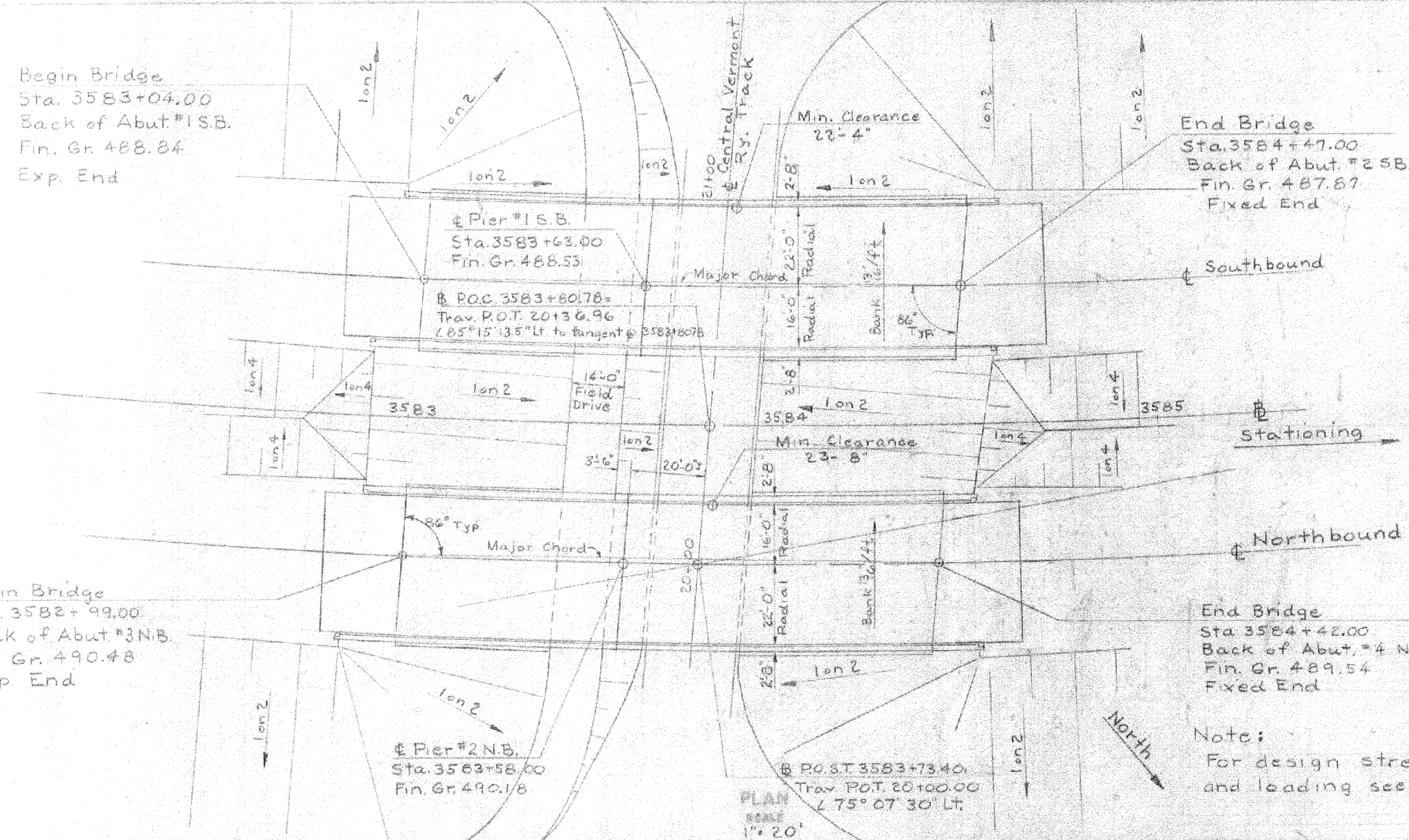


TYPICAL HIGHWAY SECT. I 89
SCALE 1" = 20'

NEW HIGHWAY PROFILE ALONG NORTHBOUND FASCIA
SCALE 1" = 20'



Circular Curve Data
 $\Delta 65^\circ 08' 15''$ Lt.
 $D 2^\circ 30'$
 $R 2291.83$
 $L 1463.95$
 $E 427.92$
 $Bank 13/16'$

| | | | |
|---------------|----------------------|-----------------|------------|
| HIGHWAY NO. | I 89 | NAME OF HIGHWAY | Interstate |
| STRUCTURE NO. | S3-B4 | COUNTY | Franklin |
| PROJECT NO. | I 89-3(26) | TOWN | St. Albans |
| LOCATION | St. Albans - Swanton | | |
| CONT. # | 1 | | |

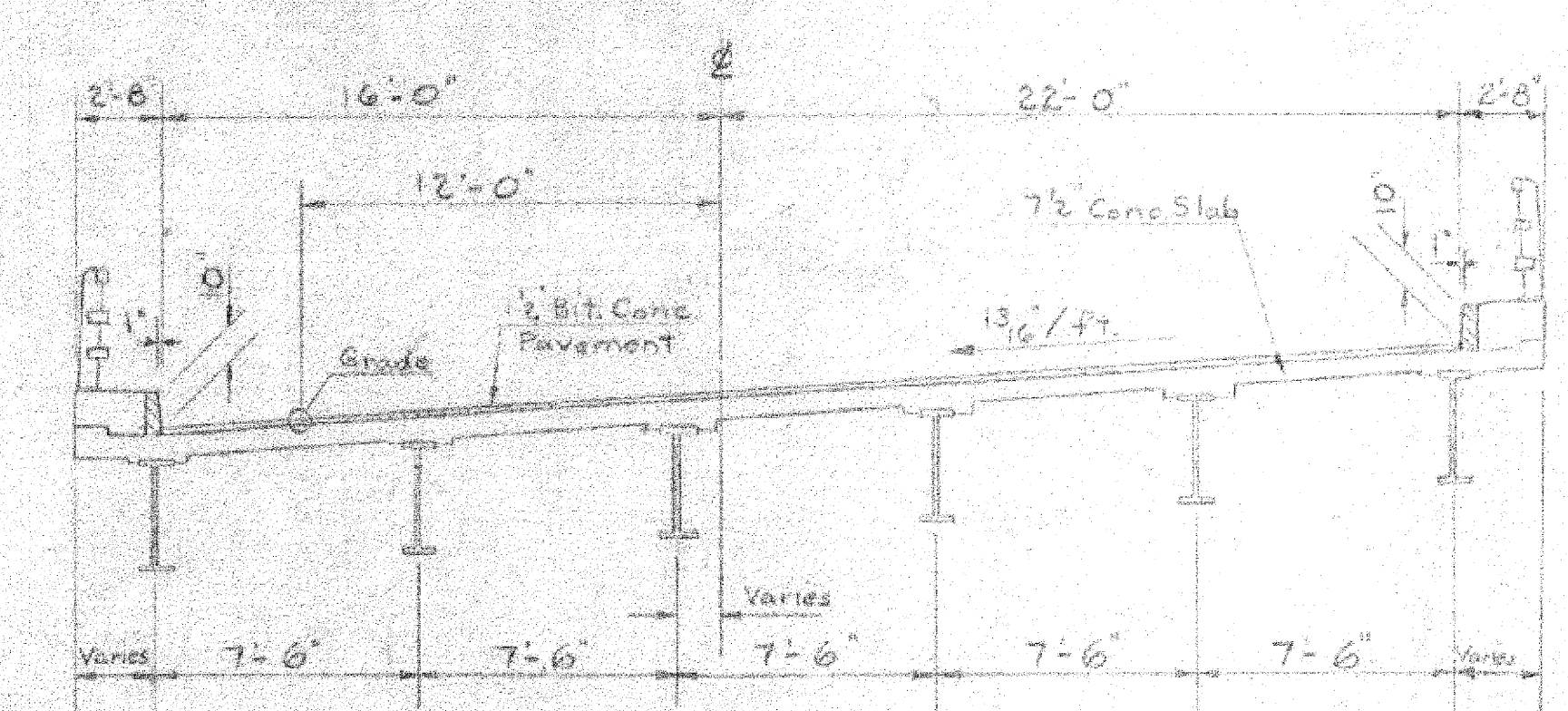
EXISTING STRUCTURE

1. RECOMMENDED TYPE OF STRUCTURE
2. RECOMMENDED CLEAR SPAN OR SPANS
3. ARE THERE OBJECTIONS TO A PIER IN THE STREAM, ANSWER YES OR NO
4. ORDINARY HIGH WATER ELEVATION AT NEW STRUCTURE
5. EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE
6. IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE?
7. DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY?
8. LOW WATER ELEVATION AT NEW STRUCTURE
9. DRAINAGE AREA IN ACRES ABOVE STRUCTURE
10. IS STREAM EVER DRY?
11. VELOCITY OF STREAM AT HIGH WATER STAGE
12. AREA FULL OPENING
13. CHARACTER OF SOIL
14. ESTIMATED DRAINAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE
15. VERTICAL CLEARANCE ABOVE FLOOD ELEVATION
16. ARE SIGNALS REQUIRED, IF SO ON WHAT SIDE
17. RECOMMENDED TYPE OF PAVEMENT
18. TRAFFIC TO BE MAINTAINED UNDER ITEM NO.
19. PROBABLE COST OF CLEARING AND BRIDGING STREAM CHANNEL AT STRUCTURE
20. SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES?
21. ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS

RECOMMENDED TYPE OF STRUCTURE: 2 Span Simple W. Beam Bridges SCB-38-65
 RECOMMENDED CLEAR SPAN OR SPANS: 59' - 84' (Composite)
 ARE THERE OBJECTIONS TO A PIER IN THE STREAM, ANSWER YES OR NO: No
 RECOMMENDED TYPE OF PAVEMENT: 1 1/2" Bit. Concrete
 TRAFFIC TO BE MAINTAINED UNDER ITEM NO.: ONE OR TWO WAY PROBABLE POST
 ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS: 45 ton/ft. SHOULD PILES BE USED? Yes

| | | |
|------------------------|--------------|--------------|
| FOUNDATION INFORMATION | Abut. #1 35' | Abut. #3 35' |
| | Pier #1 15' | Pier #2 15' |
| | Abut. #2 35' | Abut. #4 35' |

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



Typical Northbound Bridge Section
Scale 1" = 5'
(Southbound Section Similar)

ST. ALBANS - HIGHGATE
 IN B.P.N.T.(4)
 SHEET 11 OF 32
 BRIDGE 92N&S
 FOR REFERENCE ONLY

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

Interstate IN ONE TOWNS OF
 St. Albans - Swanton

ROUTE NO I 89 100 STA
 I 89 over C.V.Ry. Sta. 3584 ±

PROJECT NO. I 89-3(26) SHEET 105 OF 105

DATE: 3/3/60

BR-402
 SHEET 98 OF 153

