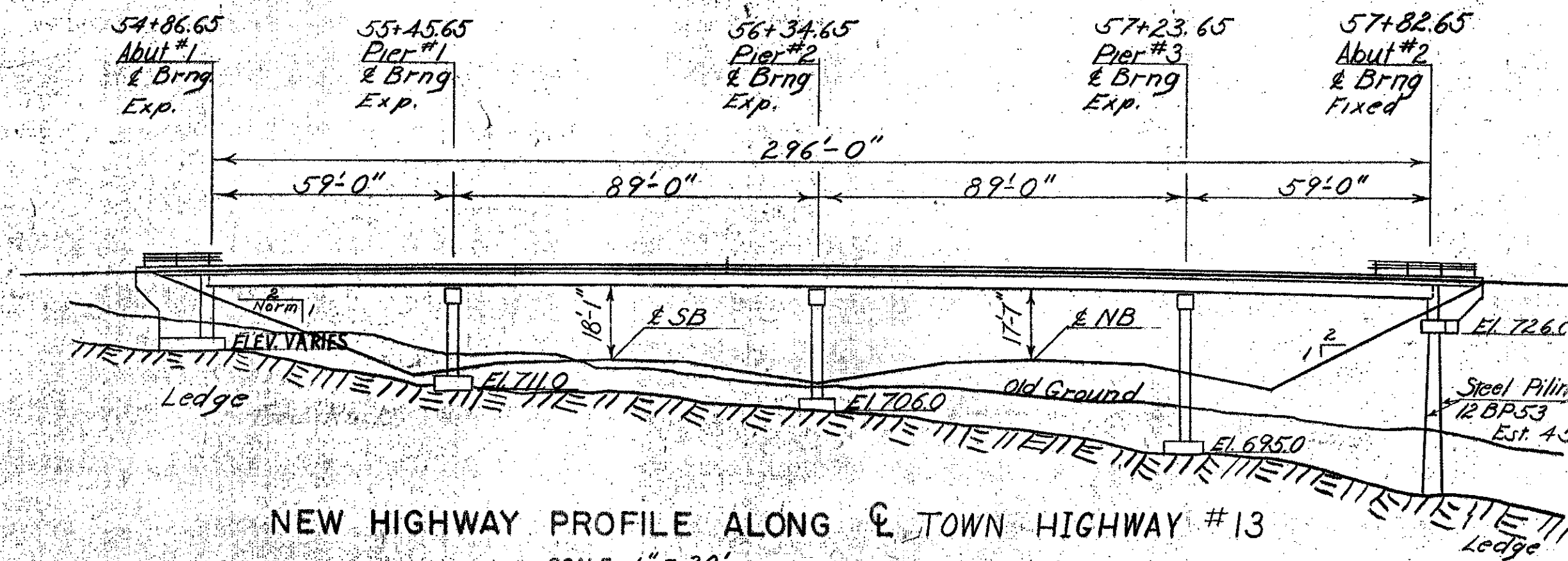
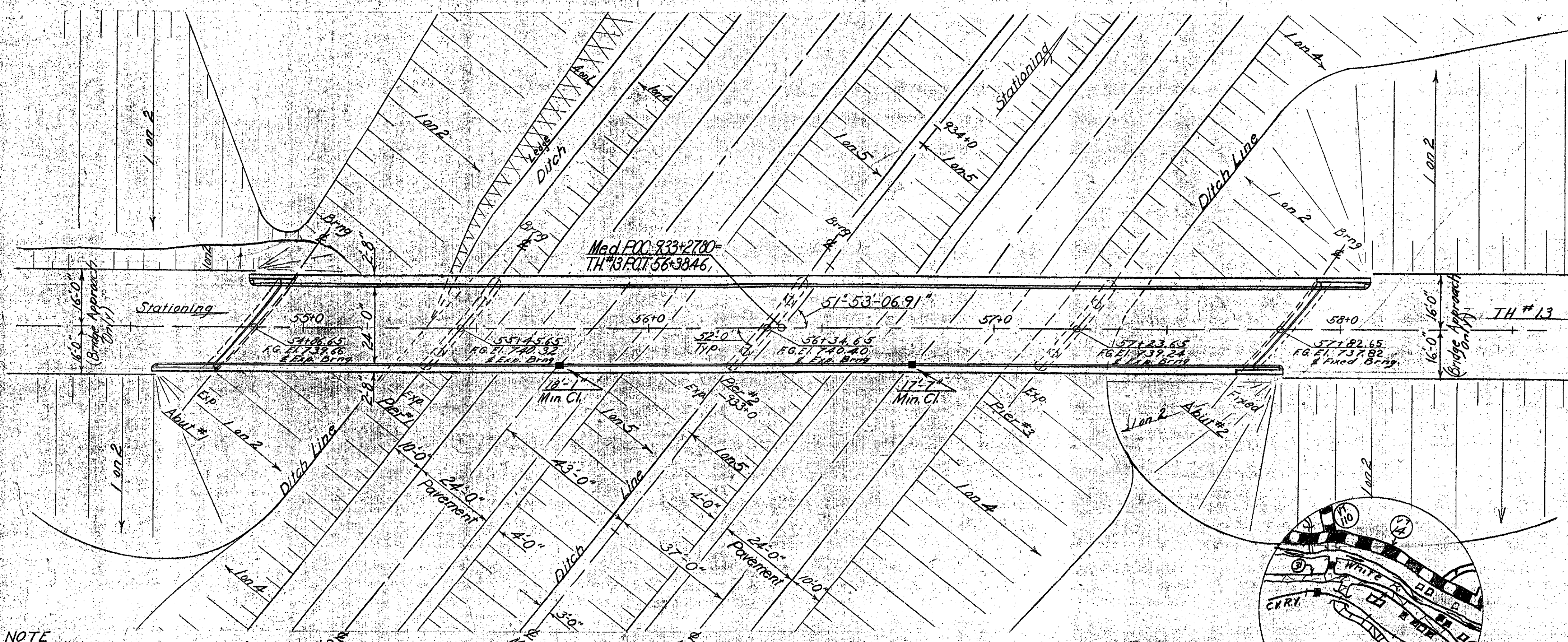


Normal Section
TH #13
NEW HIGHWAY SECT. STA. TO STA.
SCALE 1" = 5'

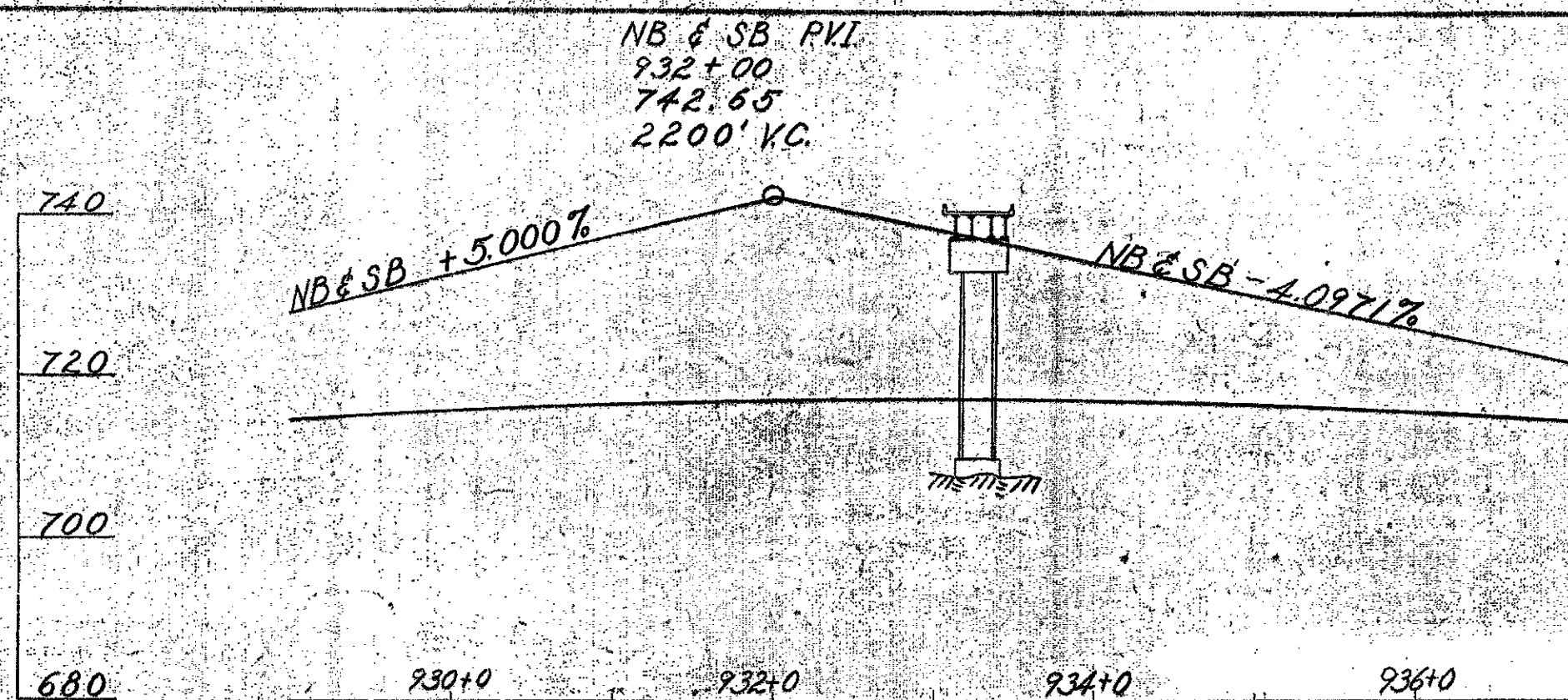


NEW HIGHWAY PROFILE ALONG TOWN HIGHWAY #13
SCALE 1" = 30'

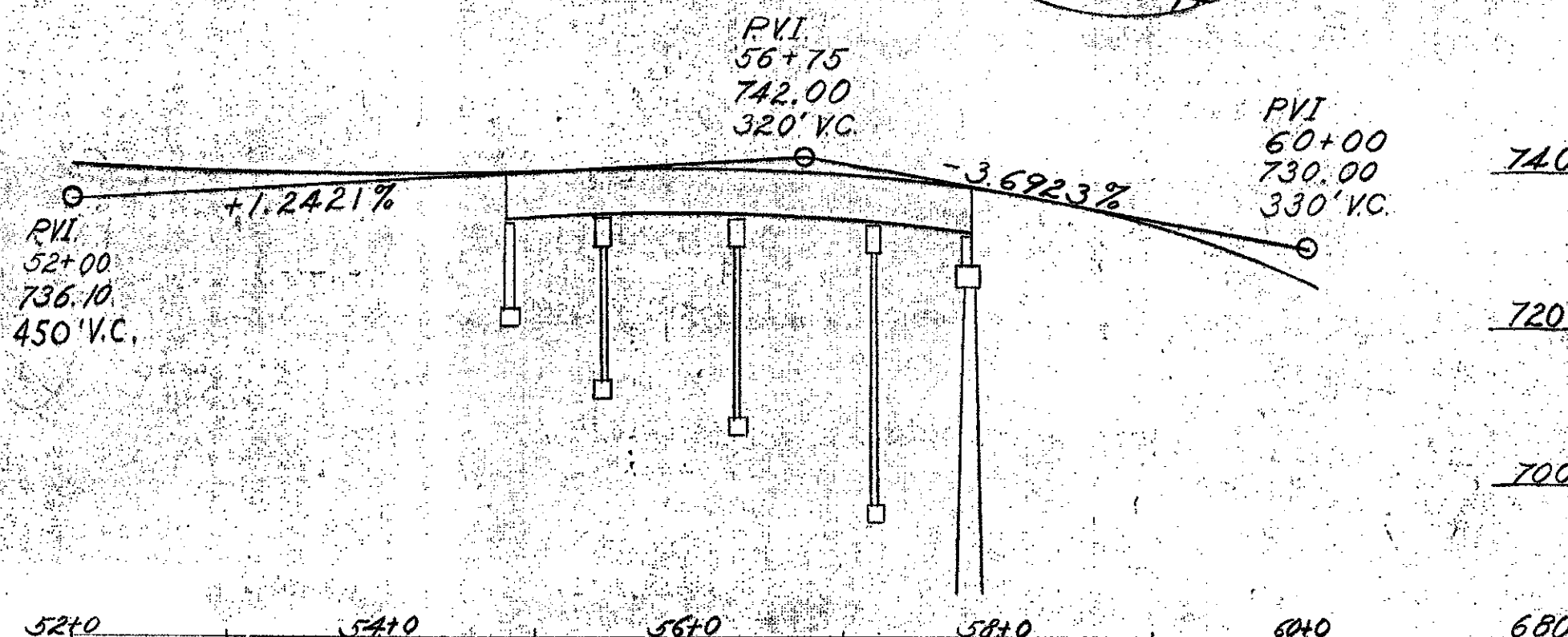


PLAN
SCALE 1" = 20'

NOTE
Point of Min. Vertical Clearance from top of Pavt. to btm. of Beam.



T89 PROFILE
Scale: Hor - 1" = 100' Ver - 1" = 20'



TOWN HIGHWAY #13 PROFILE
Scale: Hor - 1" = 100' Ver - 1" = 20'

HIGHWAY NO. I 89 NAME OF HIGHWAY Interstate
STRUCTURE NO. 56 B8 COUNTY Windsor TOWN Sharon
PROJECT NO. I 89-1(8) 1/4 LOCATION Sharon - Royalton

EXISTING STRUCTURE

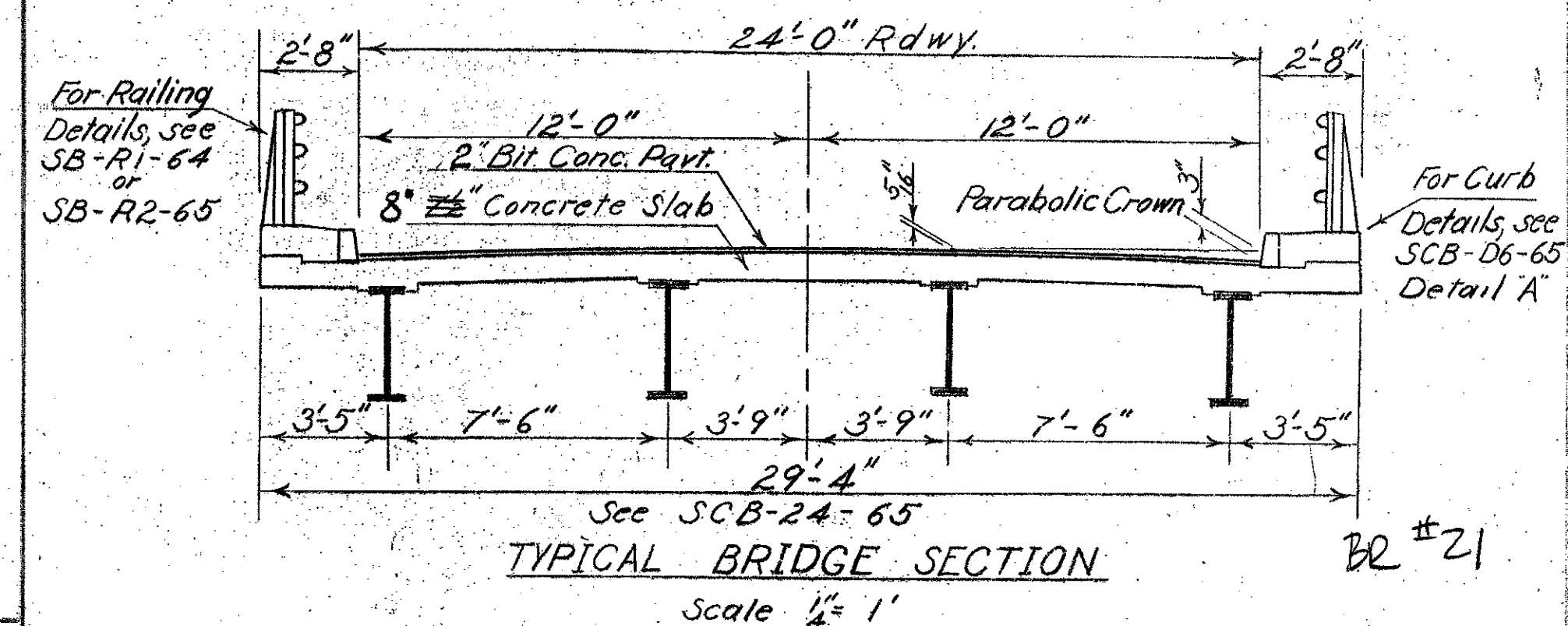
- RATED LOADING OF EXISTING STRUCTURE
- TYPE OF EXISTING STRUCTURE None
- UNDERCLEARANCE ELEVATION OF EXISTING STRUCTURE
- WHAT DISPOSITION SHOULD BE MADE OF EXISTING STRUCTURE? COST OF REMOVAL
- SHOULD EXISTING STRUCTURE BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OF NEW STRUCTURE?
- SHOULD NEW TEMPORARY STRUCTURE BE BUILT?
- ORDINARY HIGH WATER SURFACE ELEV. AT EXISTING STRUCTURE WATERWAY TO ORDINARY H.W.
- EXTREME HIGH WATER AT EXISTING STRUCTURE
- SPAN OF EXISTING BRIDGE UPSTREAM WATERWAY TO EXTREME H.W.
- SPAN OF EXISTING BRIDGE DOWNSTREAM WATERWAY TO EXTREME H.W.
- TYPE OF FOUNDATION UNDER EXISTING ABUTMENTS
- DOES ALL WATER AT FLOOD ELEVATION PASS THROUGH EXISTING STRUCTURE?
- IF NOT AT WHAT ELEVATION IS RELIEF AFFORDED?
- ADDITIONAL WATERWAY AREA PROVIDED

NEW STRUCTURE

- RECOMMENDED TYPE OF STRUCTURE Four Span Continuous - Rolled Beam - Composite
- RECOMMENDED CLEAR SPAN OR SPANS MEASURED PARALLEL TO NEW HIGHWAY 59'-0", 89'-0", 89'-0", 59'-0"
- MEASURED AT RIGHT ANGLES TO STREAM
- ARE THERE OBJECTIONS TO A PIER IN THE STREAM? ANSWER YES OR NO
- ORDINARY HIGH WATER ELEVATION AT NEW STRUCTURE
- EXTREME HIGH WATER ELEVATION AT NEW STRUCTURE SOURCE OF INFORMATION
- IS ALL WATER INTENDED TO PASS THROUGH NEW STRUCTURE?
- DOES STREAM REACH ITS MAXIMUM HIGH WATER ELEVATION RAPIDLY? IS ORDINARY RISE RAPID?
- LOW WATER ELEVATION AT NEW STRUCTURE
- DRAINAGE AREA IN ACRES ABOVE STRUCTURE CHARACTER OF TERRAIN
- IS STREAM EVER DRY
- VELOCITY OF STREAM AT HIGH WATER STAGE ESTIMATED DISCHARGE
- AREA FULL OPENING AREA BELOW ORDINARY H.W.
- CHARACTER OF SCOUR DRIFT ICE
- ESTIMATED DRAINAGE AREA ABOVE NATURAL OR ARTIFICIAL STORAGE
- VERTICAL CLEARANCE ABOVE FLOOD ELEVATION
- ARE SIDEWALKS REQUIRED? IF SO ON WHAT SIDE? No BOTH SIDES
- RECOMMENDED TYPE OF PAVEMENT 7 1/2" Concrete + 2" Bituminous
- TRAFFIC TO BE MAINTAINED UNDER ITEM NO. III ONE OR TWO WAYS 2 PROBABLE COST
- PROBABLE COST OF CLEARING AND GRUBBING STREAM CHANNEL AT STRUCTURE SITE
- SHOULD PROVISIONS BE MADE FOR PUBLIC UTILITIES? Yes
- ESTIMATED ALLOWABLE LOAD ON FOUNDATIONS 58 TONS/PILE SHOULD PILES BE USED? Yes EST. LGTH. 45'

FOUNDATION INFORMATION

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



TYPICAL BRIDGE SECTION
Scale 1/2" = 1'

THIS SHEET IS FOR INFORMATION PURPOSES ONLY
HARTFORD-SHARON-ROYALTON INT'R 089-1(8)

RECOMMENDED FOR APPROVAL E. H. Stedman 12/2/65
CONSTR. ENGINEER DATE
RECOMMENDED FOR APPROVAL J. Brown 11/15/65
BRIDGE ENGINEER DATE
RECOMMENDED FOR APPROVAL R. N. Cundell 12/2/65
ASST. CHIEF ENGINEER DATE
APPROVED BY A. O. Smith 12/1/65
CHIEF ENGINEER

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
Interstate IN THE TOWNS OF
Royalton
ROUTE NO. I 89 LOG STA. I 89-933+27.87
UNDER I 89 UNDER TOWN HIGHWAY #13
PRELIMINARY INFORMATION
SURVEYED BY _____ CHECKED BY J.W. SCALE As Noted