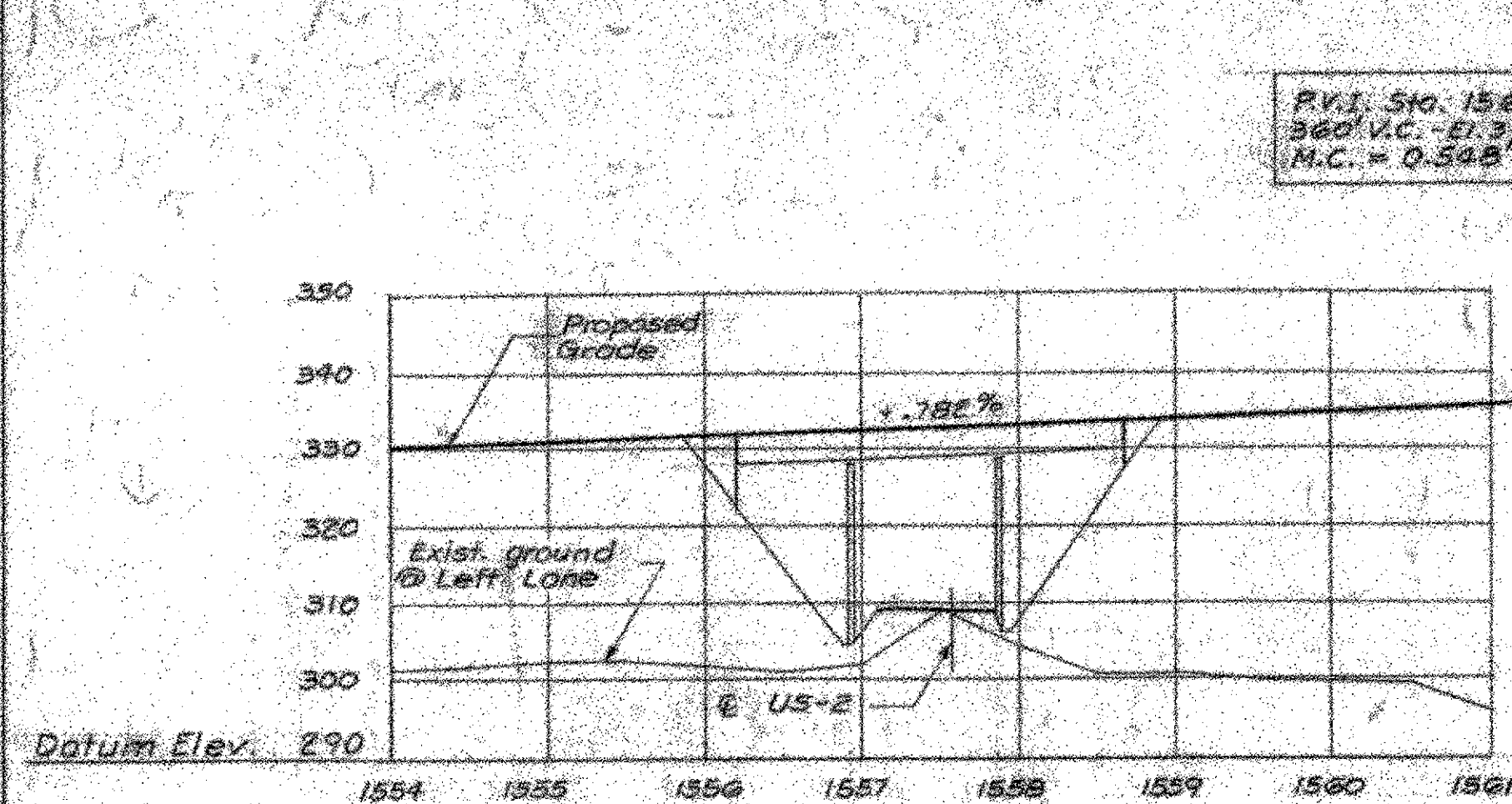
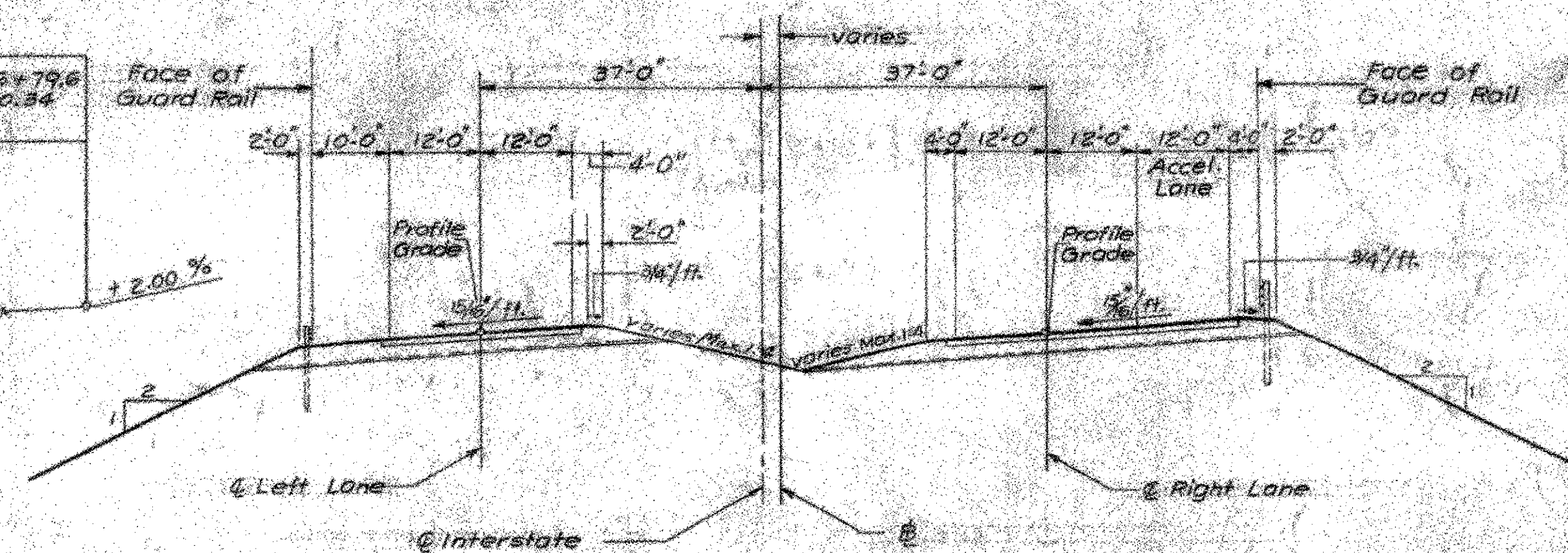




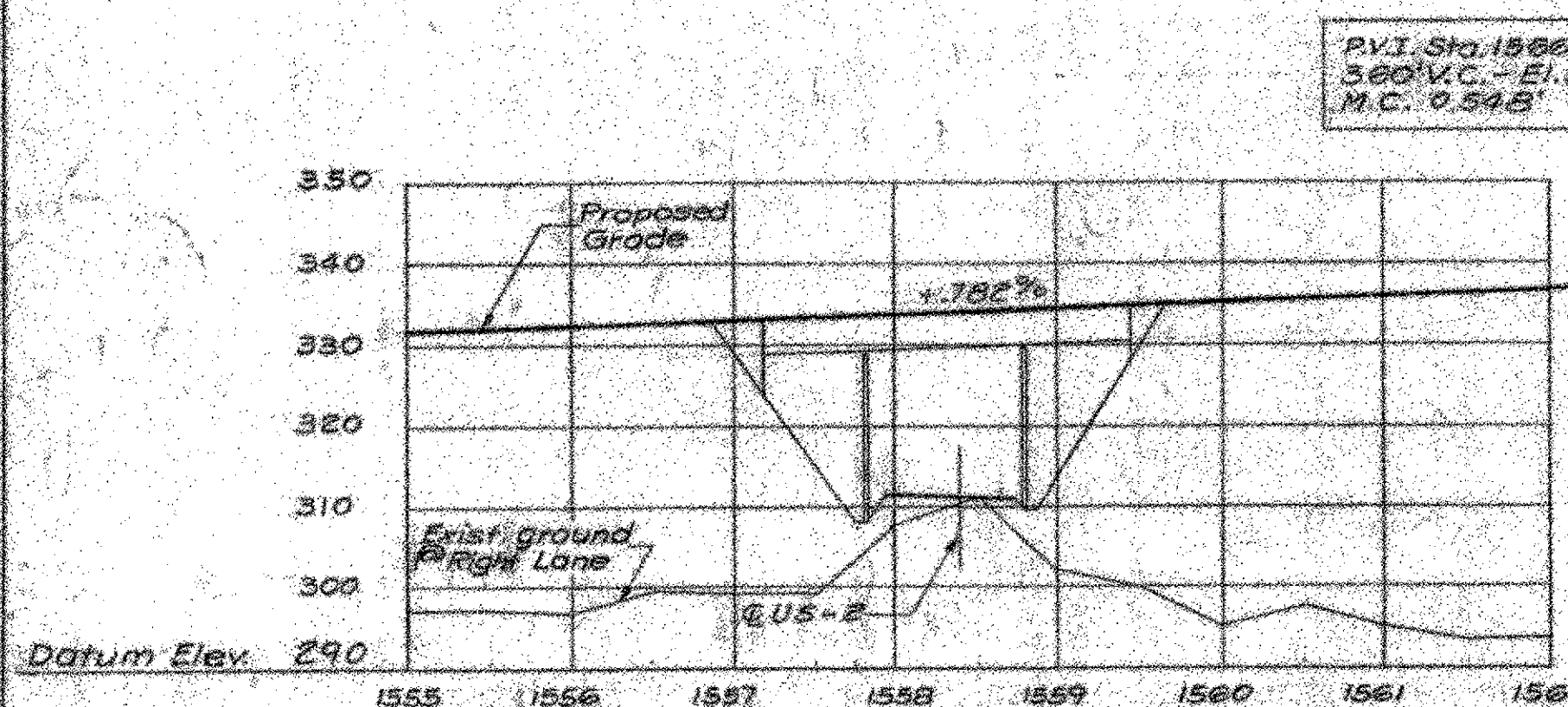
INTERSTATE PROFILE - LEFT LANE

Scales: Horiz.: 1" = 100'
Vert.: 1" = 20'



TYPICAL INTERSTATE APPROACH SECTION

Scale: 1/8" = 1'-0"



INTERSTATE PROFILE - RIGHT LANE

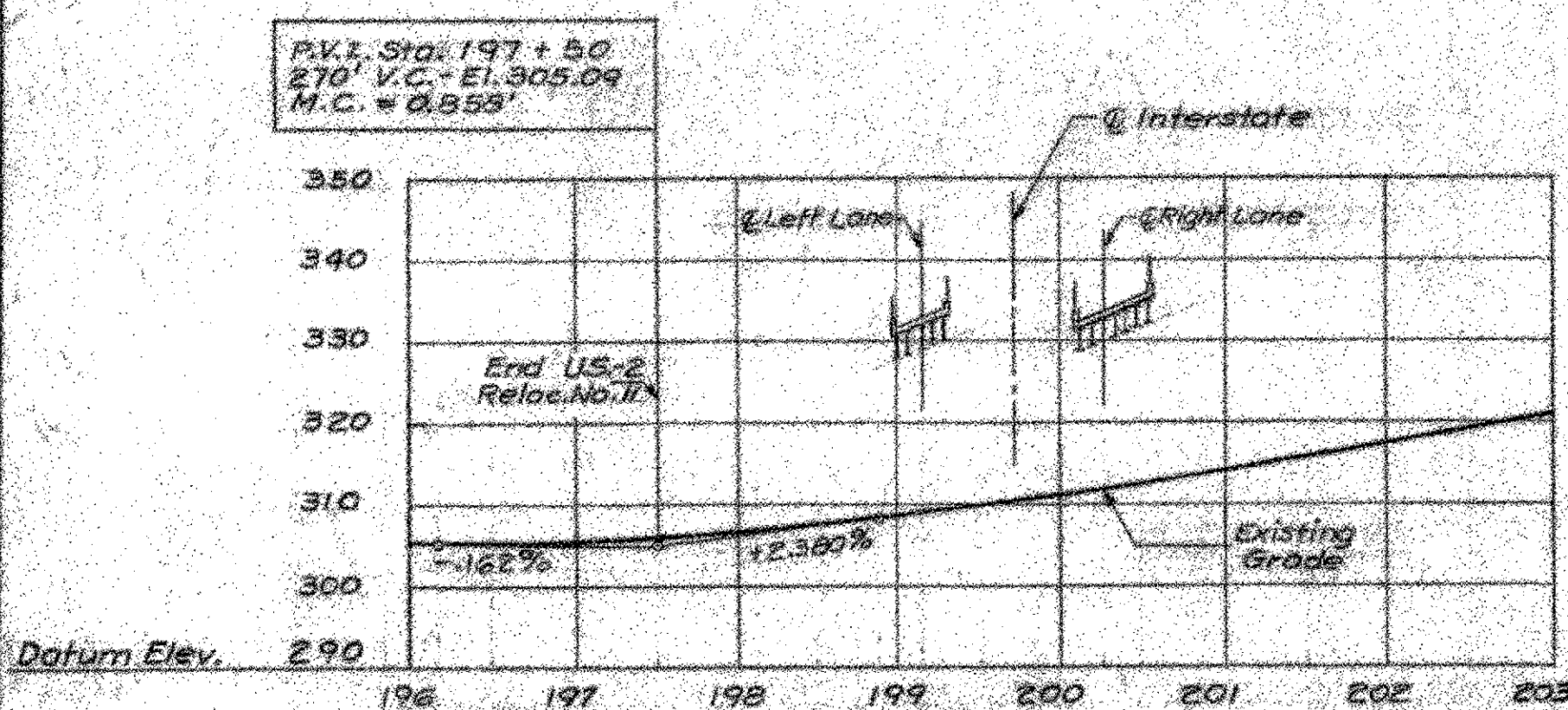
Scales: Horiz.: 1" = 100'
Vert.: 1" = 20'

INDEX OF DRAWINGS:

- BR. 1. GENERAL PLAN & ELEVATION.
- BR. 2. PROFILES, SECTIONS & QUANTITIES.
- BR. 3. BORING LOGS.
- BR. 4. EAST ABUTMENT - LEFT LANE.
- BR. 5. WEST ABUTMENT - LEFT LANE.
- BR. 6. EAST ABUTMENT - RIGHT LANE.
- BR. 7. WEST ABUTMENT - RIGHT LANE.
- BR. 8. ABUTMENT DETAILS.
- BR. 9. PIERS - LEFT LANE.
- BR. 10. PIERS - RIGHT LANE.
- BR. 11. FRAMING PLANS & RAILING PLANS.
- BR. 12. EAST APPROACH SLAB - LEFT LANE.
- BR. 13. WEST APPROACH SLAB - LEFT LANE.
- BR. 14. EAST APPROACH SLAB - RIGHT LANE.
- BR. 15. WEST APPROACH SLAB - RIGHT LANE.
- BR. 16. REINFORCEMENT SHEET 1 OF 3.
- BR. 17. REINFORCEMENT SHEET 2 OF 3.
- BR. 18. REINFORCEMENT SHEET 3 OF 3.

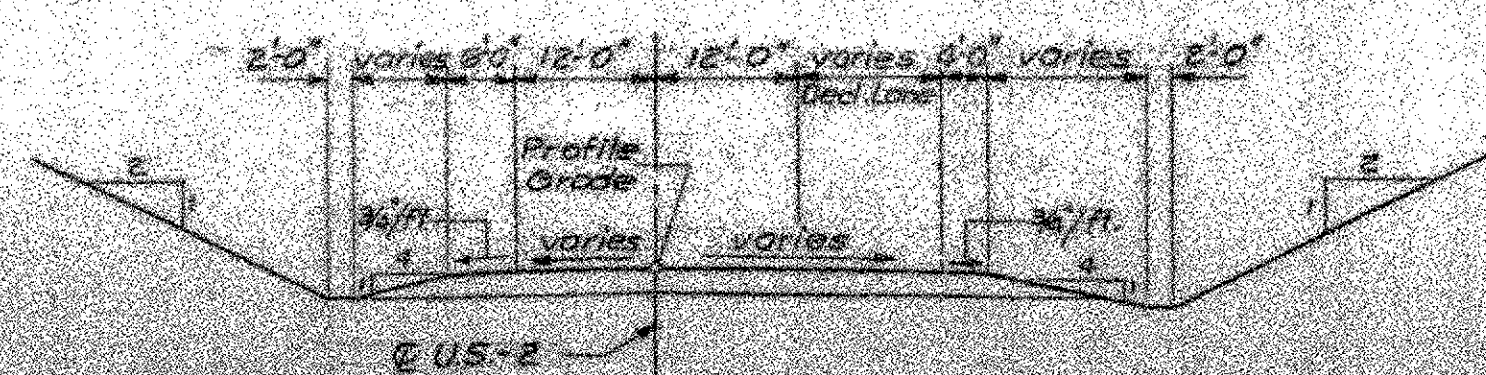
REFERENCE DRAWINGS:

- STANDARD SHEETS:
- SCB-30-60
- SCB-42-60
- SCB-D-60
- SB-20-60
- SB-22-60



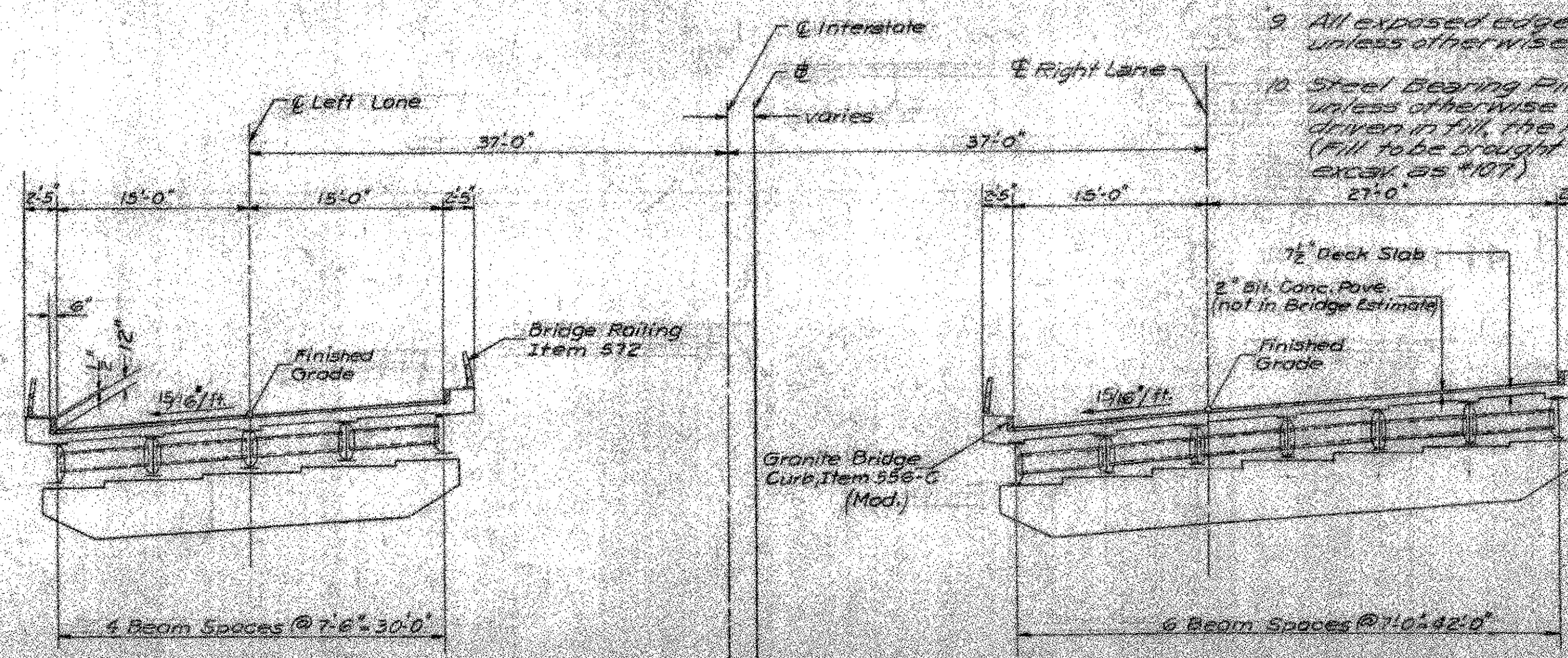
US-2 PROFILE

Scales: Horiz.: 1" = 100'
Vert.: 1" = 20'



TYPICAL U.S.-2 APPROACH SECTION

Scale: 1/8" = 1'-0"



TYPICAL BRIDGE SECTION

Scale: 1/8" = 1'-0"

SUMMARY OF QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	TOTAL	FINAL	
107	Structure Excavation	c.y.	4.33	3.20	
204	Sub-base of Crushed Rock, Mod. Int. Structures	c.y.	4.33	3.20	
* 318	Tar Emulsion for Bridge Floors	gal.	1927		
* 361-B	Bituminous Concrete Pavement, Mod.	ton	251		
* 372	Joint Sealer, Hot-Poured Plastic Type	lb.	420		
* 401-B	Concrete Class B, Mod.	c.y.	1.02		
402	Reinforcing Steel	lb.	294.510		
403	Spiral Reinforcement (15.530')	lb.	1		
404-A	Structural Steel	lb.	144.56		
407	Asphaltic-Asbestos Coating	sq. ft.	137		
501	Furnishing Equipment for Driving Piles	hr.	13		
502-B	Treated Timber Piling	lb.	5.112		
503	Splices for Steel Piling	sq. ft.	2		
504	Steel Piling	lb.	5.184		
556-C	Granite Bridge Curb, Mod.	lb.	1.114		
572	Bridge Railing	lb.	1.024		

* These items are to be included in roadway summary of quantities.

GENERAL NOTES:

- Materials and Construction shall conform to State of Vermont Department of Highways Standard Specifications for Highway and Bridge Construction, dated 1956.
- All design in accordance with AASHTO Standard Specifications for Highway Bridges, dated 1957. Loading is MC-58 truck as modified for National System of Interstate Highways.
- Abutments shall be supported on LBP-53 Steel Bearing Piles - Item 504. Estimated length of piles:
Lt. Lane E. Abut. = 60' Rt. Lane E. Abut. = 60'
Lt. Lane W. Abut. = 65' Rt. Lane W. Abut. = 65'
- Piers shall be supported on Treated Timber Piles Item 502-B. Estimated length of piles:
Lt. Lane Pier #1 = 30' Rt. Lane Pier #1 = 30'
Lt. Lane Pier #2 = 30' Rt. Lane Pier #2 = 30'
- The final coat of field paint shall be green unless otherwise directed by the Engineer.
- All dimensions given are measured horizontally or vertically unless otherwise noted or shown.
- All dimensions given at 68°F.
- All reinforcement to have a clear cover of 2" unless otherwise noted.
- All exposed edges of concrete shall be chamfered 1" x 1" unless otherwise noted.
- Steel Bearing Piles shall be driven to ledge rock or refusal unless otherwise approved by the Engineer. When piles are driven in fill, the material shall be Granular Borrow, Item 16-A (Fill to be brought to elev. of top of piles before driving, then excav. 55' x 107').
- Unless otherwise called for all beams shall be cambered as specified on SCB-D-60.
- All expansion material shall be pre-molded cork containing no bituminous or asphalt.

PRELIMINARY INFORMATION SHEET FOR BRIDGES

VERMONT
STATE HIGHWAY DEPARTMENT
TOWNS OF BOLTON-RICHMOND
INTERSTATE ROUTE 89

INTERSTATE BRIDGE OVER US-2
RICHMOND INTERCHANGE
PROFILES SECTIONS AND QUANTITIES

McFARLAND - JOHNSON
CONSULTING ENGINEERS
BINGHAMTON, NEW YORK

DESIGNED & CHECKED BY DATE 2-2-67
DRAWN BY IN CHARGE BY SCALE 1/8" = 1'-0"

PROJECT NO. 189-2(18) SH. 114 OF 281

CONTRACT NO. 4 BRIDGE SHEET 2 OF 18

RICHMOND
IM 089-2(38) - BR 56 N&S
This sheet for information only.
Sheet 31 of 43