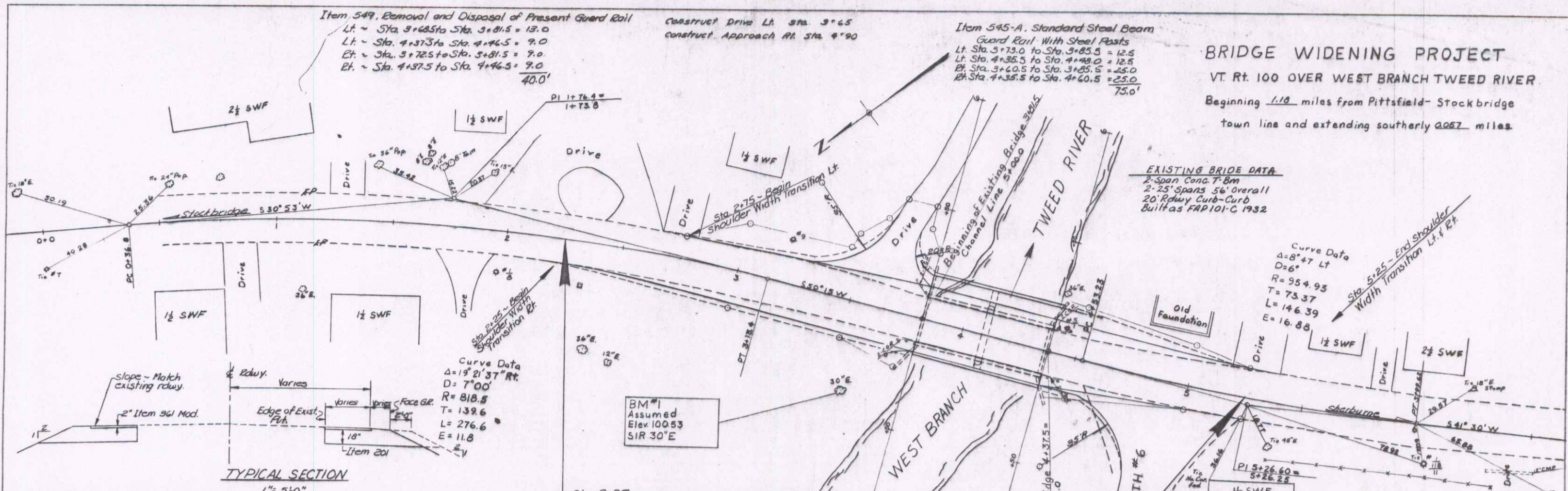


**BRIDGE WIDENING PROJECT**  
**VT Rt. 100 OVER WEST BRANCH TWEED RIVER**  
 Beginning 1.10 miles from Pittsfield-Stockbridge town line and extending southerly 0.057 miles.



**EXISTING BRIDGE DATA**  
 2-Span Conc T-Em  
 2-25' spans 56' overall  
 20' Rwy Curd-Curd  
 Built as FAP101-C 1932

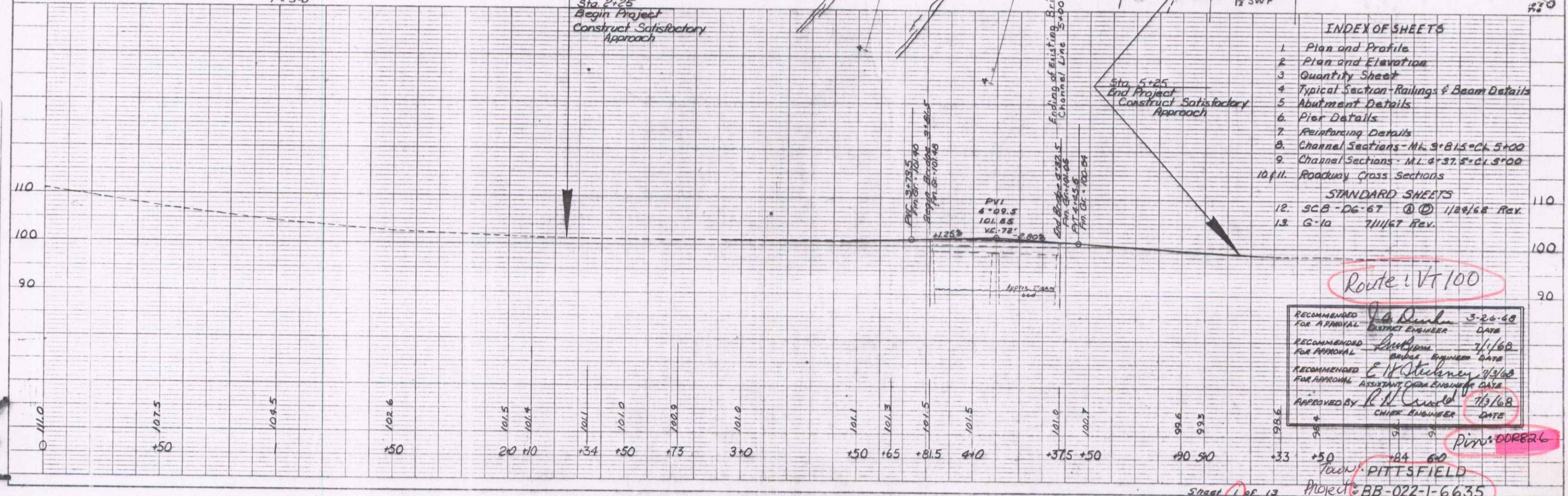
**TYPICAL SECTION**  
 1" = 5' 0"

**INDEX OF SHEETS**

1. Plan and Profile
2. Plan and Elevation
3. Quantity Sheet
4. Typical Section - Railings & Beam Details
5. Abutment Details
6. Pier Details
7. Reinforcing Details
8. Channel Sections - M.L. 9+81.5 = Ch. 5+00
9. Channel Sections - M.L. 9+37.5 = Ch. 1.5+00
- 10/11. Roadway Cross Sections

**STANDARD SHEETS**

12. SCB-DG-67 ① ② 1/29/68 Rev.
13. G-1a 7/11/67 Rev.



RECOMMENDED FOR APPROVAL: J. A. Dunbar, 5-20-68, DISTRICT ENGINEER, DATE

RECOMMENDED FOR APPROVAL: [Signature], 7/1/68, ENGINEER, DATE

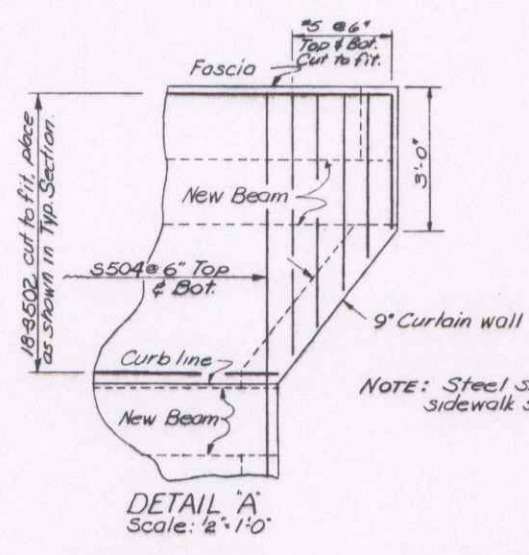
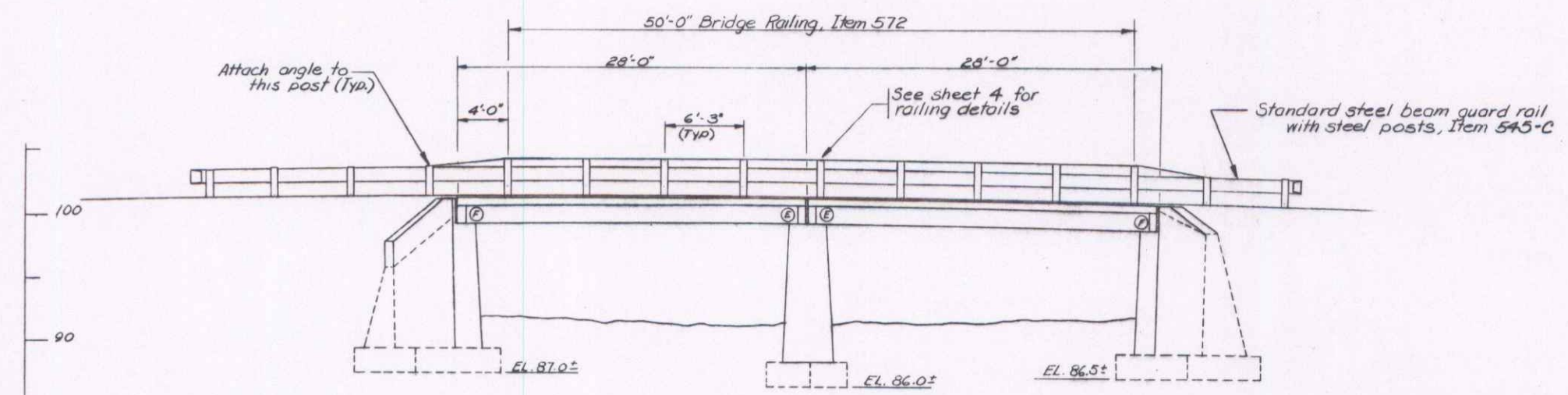
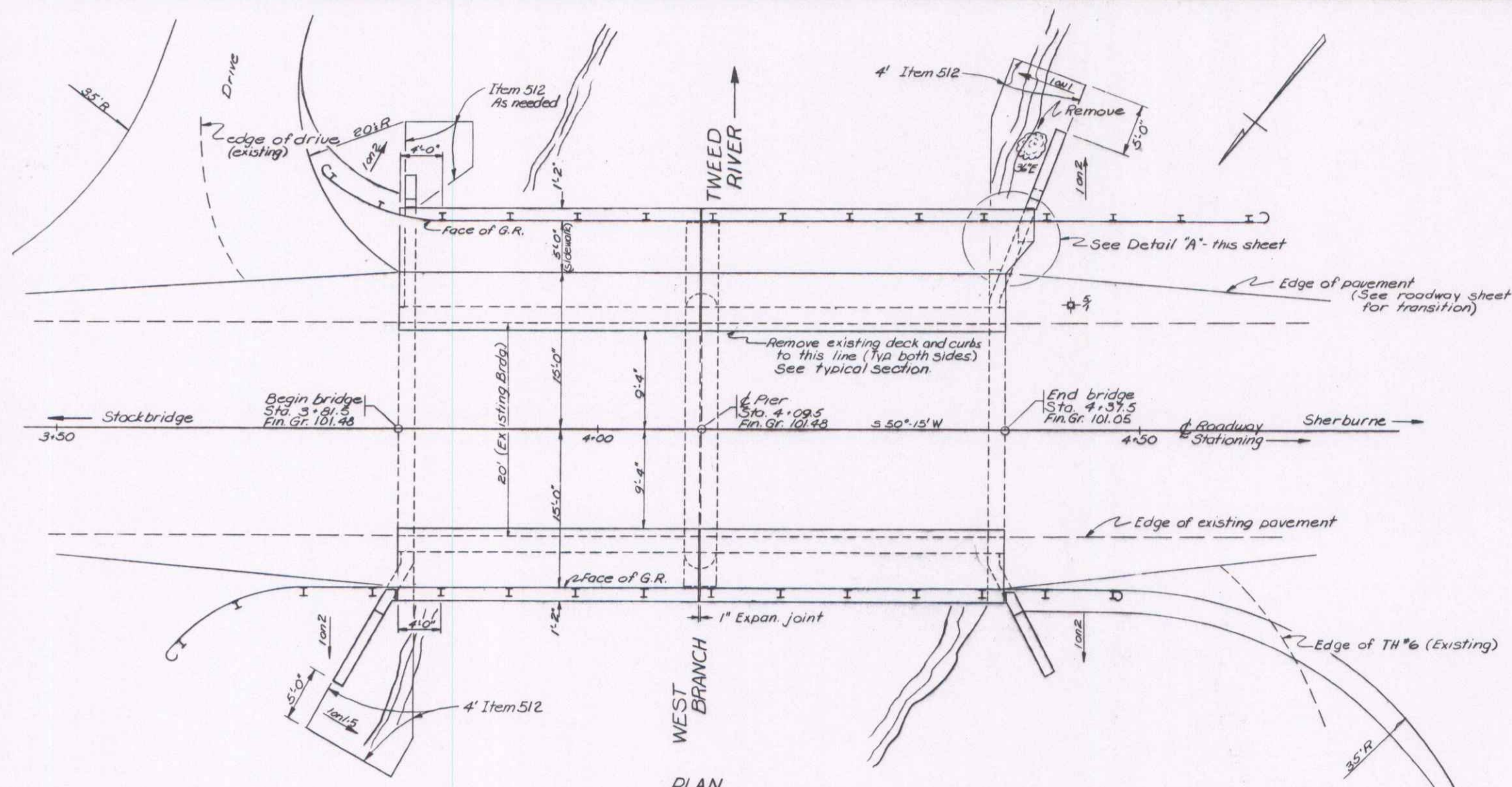
RECOMMENDED FOR APPROVAL: E. H. Steadney, 7/13/68, ASSISTANT CHIEF ENGINEER, DATE

APPROVED BY: [Signature], 7/13/68, CHIEF ENGINEER, DATE

Route: Vt 100

Pittsfield

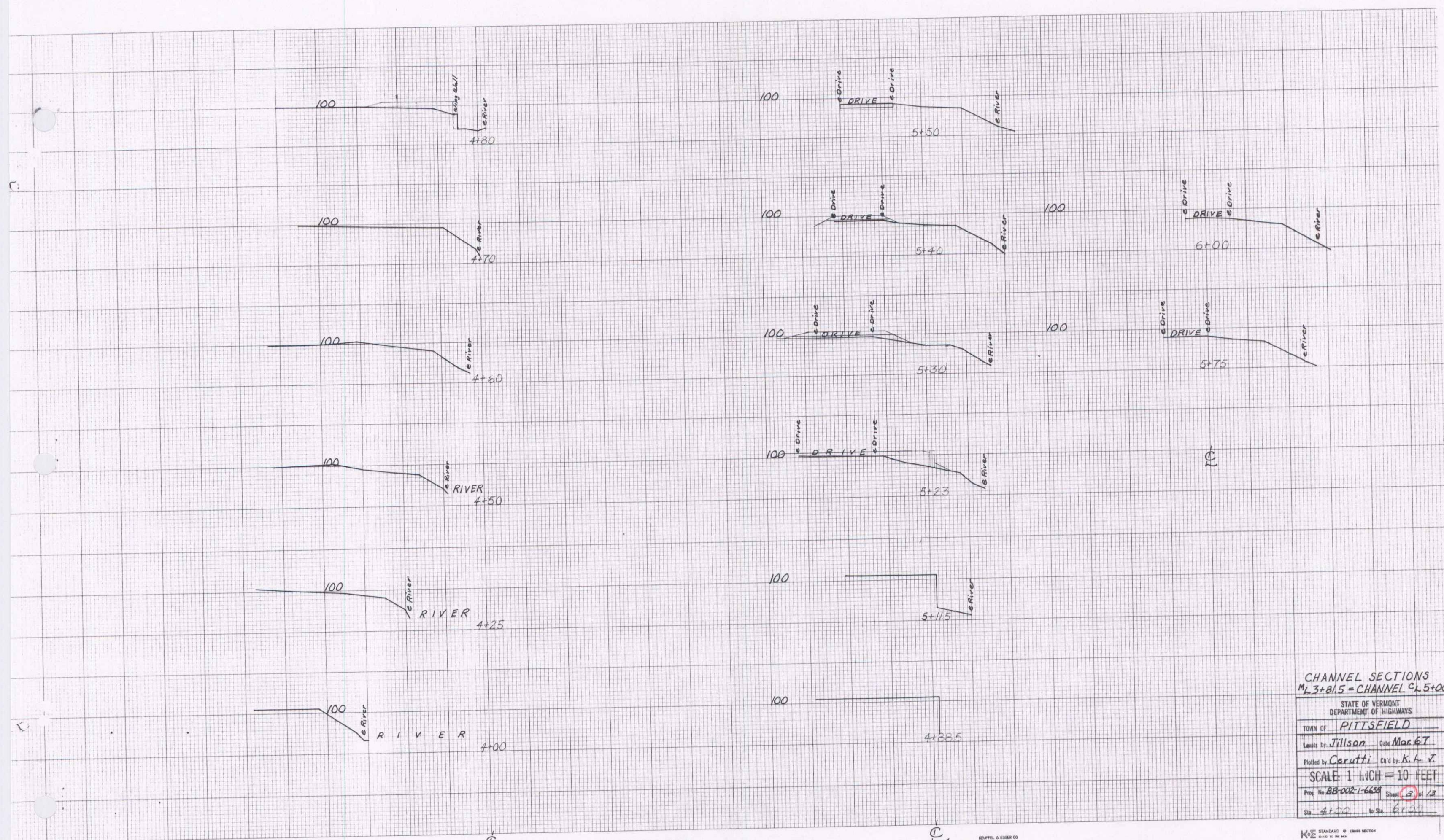
Project: BB-022-1-6.6.35



- ~GENERAL NOTES~
- All materials and construction shall conform to the State of Vermont, Department of Highways, Standard Specifications for Highway and Bridge Construction dated April 1964, and AASHTO Standard Specifications for Highway Bridges dated 1965.
  - All exposed edges of concrete shall be chamfered 1".
  - Dimensions given are measured horizontally or vertically unless indicated otherwise.
  - Minimum clearance from face of concrete to face of reinforcing steel shall be 2", unless indicated otherwise. Minimum reinforcing steel (as) shall be #4 diam's.
  - All steel for railing posts and base plates shall conform with A.S.T.M. Designation A-36-62T. The entire assembly shall be galvanized after fabrication as per Item 541 section 541.02 F.
  - Concrete in the beams and deck shall be Class A Mod. Concrete in the abutments and pier shall be Class B, Mod.
  - The bituminous concrete pavement shall conform with the specifications for Item 361, Mod. Type II.
  - Railing posts shall be set normal to grade.
  - The bridge seat surfaces are to be sloped 1/2" per foot to drain - except of bearing pads, which will be level.
  - The entire bridge seat surfaces shall be coated with Asphaltic Asbestos Coating, Item 401, which shall be applied after all other work is completed.
  - All expansion material shall conform with AASHTO Designation M/53 Type II.
  - Water Repellent, Item 440 shall be applied to all exposed surfaces of new concrete, not otherwise treated, except as indicated on the typical section.
  - Dimensions may be adjusted to match existing structure, as directed by the engineer.
  - Substructures are assumed to be normal to centerline of roadway. New work is to match existing substructure steel.
  - Removal of old concrete, as indicated, shall be paid for at the unit price bid for Item 103-B, Solid Rock Excavation.

DESIGN CRITERIA  
 Loading: H 15-44  
 Allowable stresses: Concrete - 1200 psi  
 Steel - 20,000 psi Tension  
 - 16,000 psi Comp.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF <u>PITTSFIELD</u>	
ROUTE No. <u>VI 100</u> LOG STA. <u>191+69</u>	
OVER <u>WEST BRANCH TWEED RIVER</u>	
SCALE <u>1" = 6'</u>	
SECTION SUPERVISOR <u>EL. MEECHAN</u>	
DRAWN BY <u>[Signature]</u> CHECKED BY <u>S. P. BIRAN</u>	
PROJECT No. <u>88-022-1-6635</u>	
SHEET <u>2</u> OF <u>13</u>	



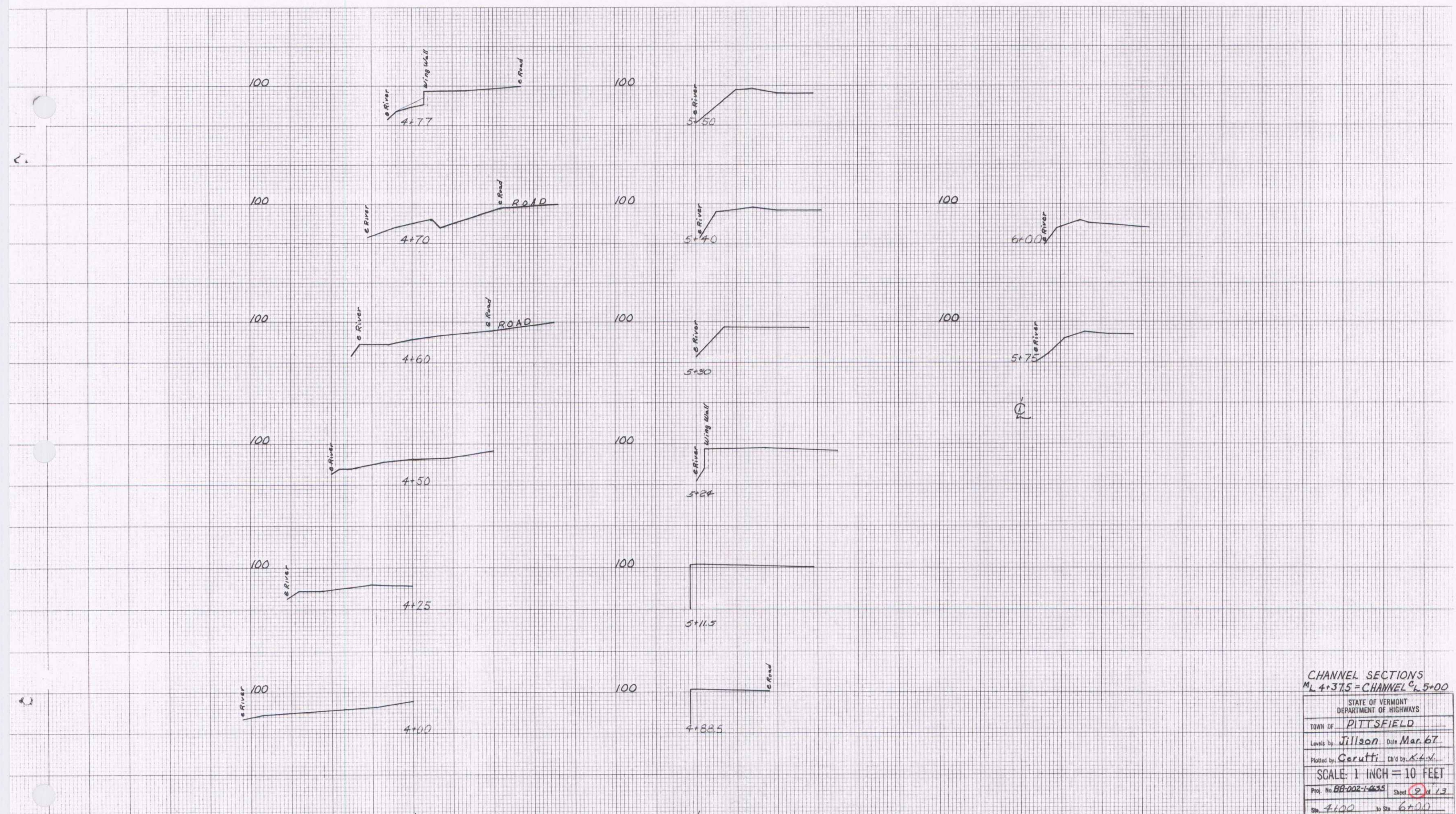
CHANNEL SECTIONS  
 M<sub>3+81.5</sub> - CHANNEL CL 5+00  
 STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 TOWN OF PITTSFIELD  
 Layout by Jillson Date Mar 67  
 Plotted by Cerutti Cr'd by K. A. X  
 SCALE: 1" HIGH = 10' FEET  
 Proj. No. BB-002-1-6458 Sheet 2 of 3  
 Sta. 4+00 to Sta. 6+00

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CHANNEL SECTIONS  
 M.L. 4+375 = CHANNEL C.L. 5+00  
 STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 TOWN OF PITTSFIELD  
 Levels by Jillson Date Mar. 67  
 Plotted by Carutti C.D. by K.H.V.  
 SCALE: 1 INCH = 10 FEET  
 Proj. No. BB-002-14635 Sheet 9 of 13  
 Sta. 4+00 to Sta. 6+00

K&E STANDARD CROSS SECTION  
 MADE IN U.S.A.

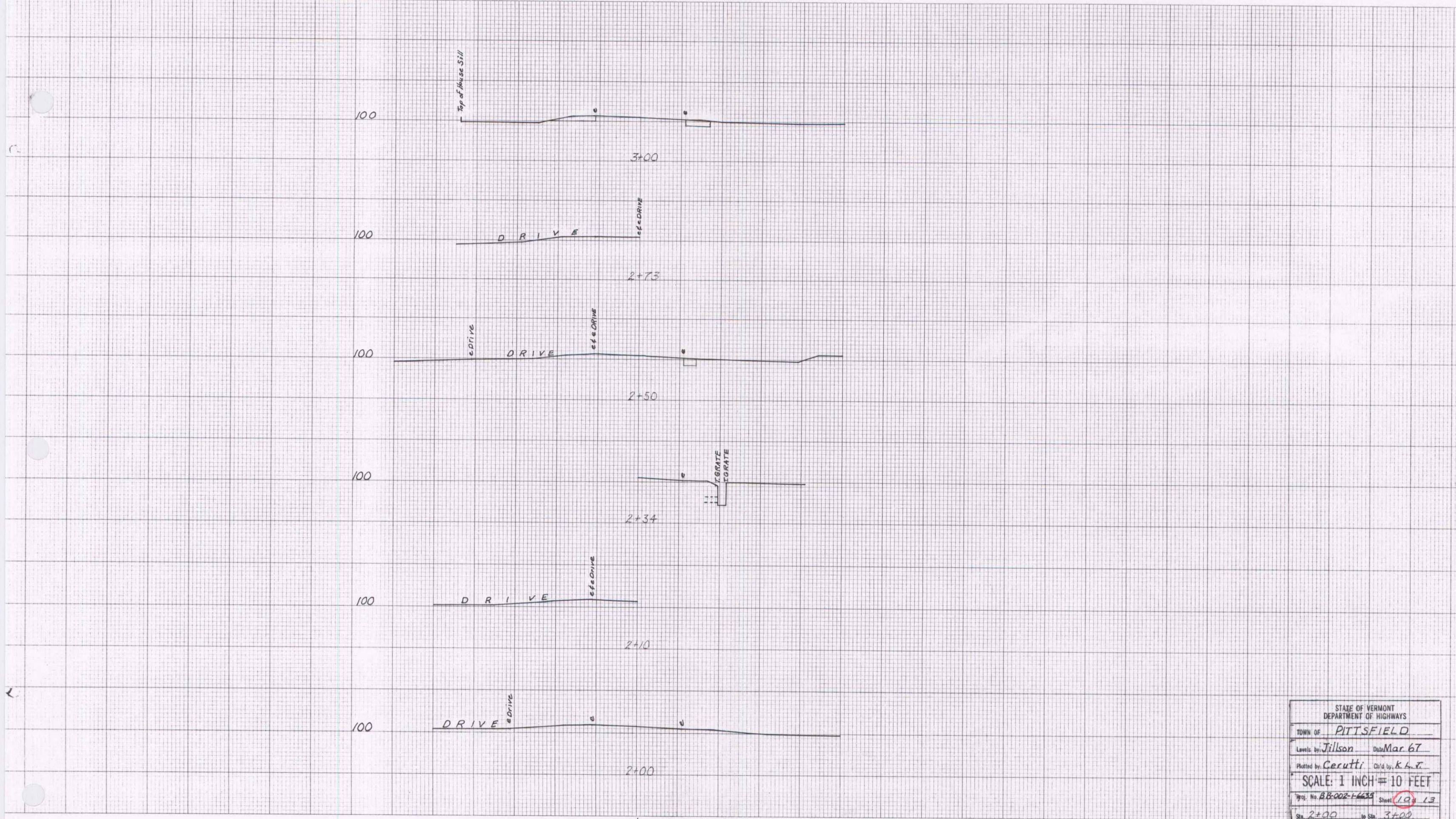
K&E STANDARD CROSS SECTION  
 MADE IN U.S.A.

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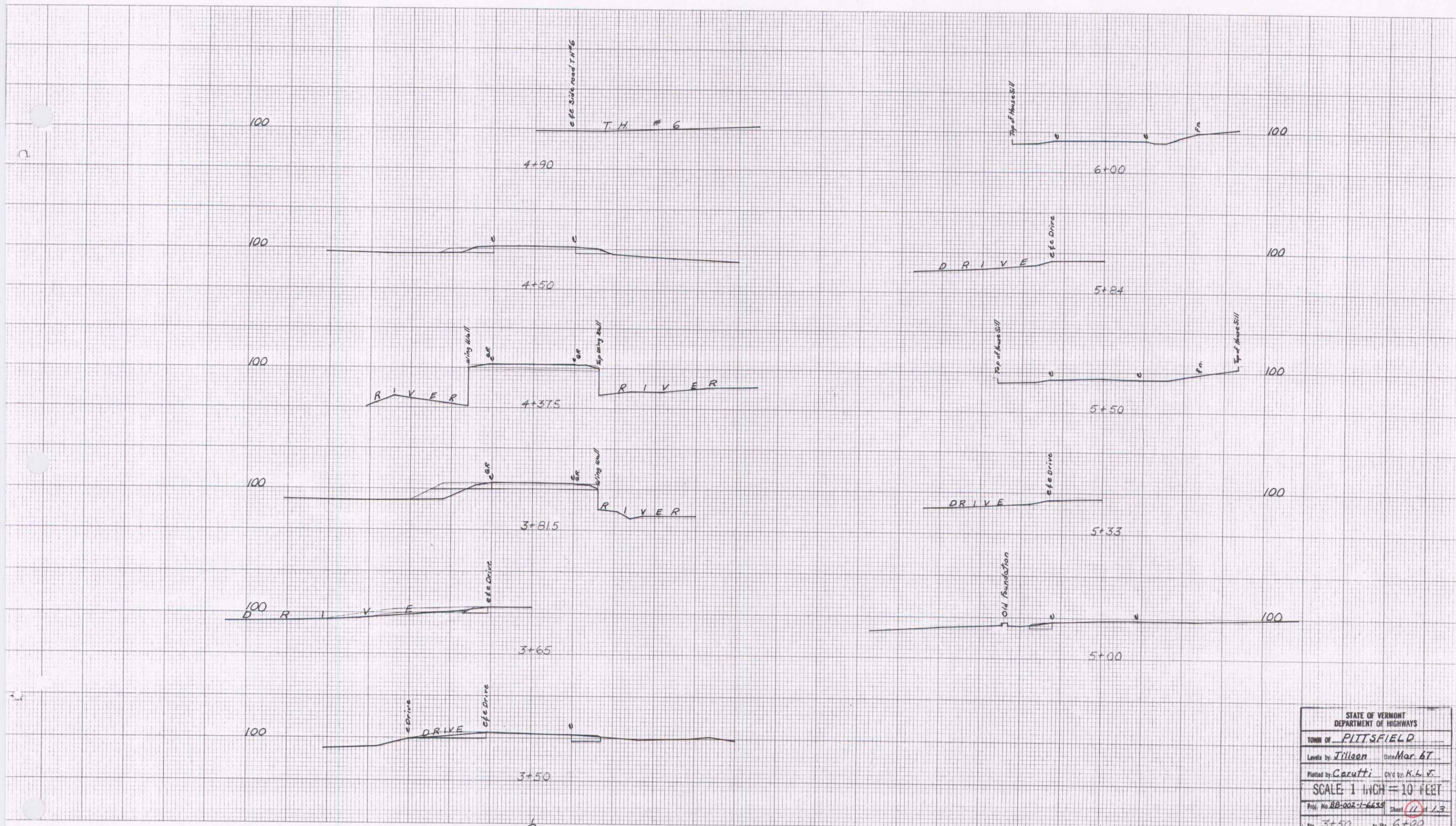
4



STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
TOWN OF	PITTSFIELD
Levelled by	Jilson Date Mar 67
Plotted by	Ceruti
SCALE: 1 INCH = 10 FEET	
Proj. No. BB-002-1663	Sheet 19 of 13
Sta. 2+00	to Sta. 3+00

⊕

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STANDARD CROSS SECTION  
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MADE IN U.S.A.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF <u>PITTSFIELD</u>	
Locals by <u>Jilson</u>	Date <u>Mar 67</u>
Plotted by <u>Cacutti</u>	CHK'd by <u>K.L.V.</u>
SCALE 1 INCH = 10 FEET	
Proj. No. <u>BB-002-1-6630</u>	Sheet <u>11</u> of <u>13</u>
Sta. <u>3+50</u>	to Sta. <u>6+00</u>

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