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**STATE OF VERMONT
DEPARTMENT OF HIGHWAYS**

PROPOSED IMPROVEMENT

BRIDGE PROJECT
TOWN OF GROTON
GROTON STATE FOREST
COUNTY OF CALEDONIA
GROTON-MARSHFIELD STATE HIGHWAY
BEGINNING AT A POINT APPROXIMATELY 3.2 MI. NORTHWESTERLY
OF THE JUNCTION OF U.S. 302 AND GROTON-MARSHFIELD STATE
HIGHWAY AND EXTENDING NORTHWESTERLY 223 FEET.
LENGTH OF ROADWAY=200 FEET=0.038 MI.
LENGTH OF BRIDGE = 23 FEET=0.004 MI.
LENGTH OF PROJECT=223 FEET=0.042 MI.



GENERAL NOTES

1. TO BE APPLIED AS DIRECTED BY THE ARCHITECT.

2. ALL DIMENSIONS UNLESS OTHERWISE NOTED TO BE IN FEET AND INCHES.

3. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

4. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

5. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

6. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

7. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

8. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

9. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

10. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

11. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

12. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

13. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

14. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

15. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

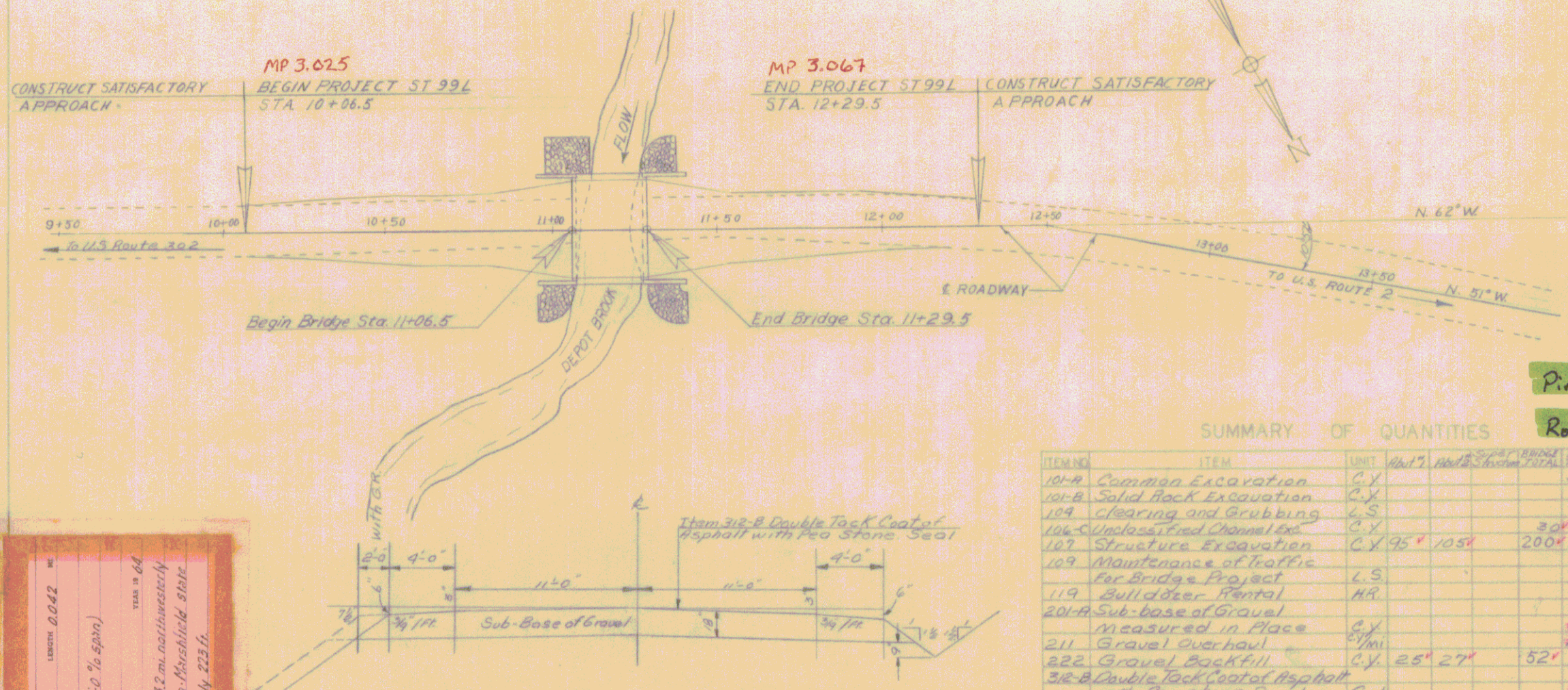
16. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

17. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

18. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

19. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.

20. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.



Pin # 13R399
Route VT232

MODEL OF SHEET

GROTON-ST 99L

DATE: 10/20/64

DESIGNED BY: Kelly Construction, Inc.

CONTRACT NO.: 10-1164

CONTRACT DATE: April 20, 1964

CONTRACT VALUE: \$100,000.00

CONTRACTOR: Kelly Construction, Inc.

ENGINEER: Kelly Construction, Inc.

INSPECTOR: Kelly Construction, Inc.

CONVENTIONAL SIGNS

COUNTY LINE

TOWN LINE

FENCE LINE

STONE WALL

UNFENCED PROPERTY

GUARD RAIL

TRAVELED WAY

RAILROAD

RETAINING WALL

CENTER LINE

SURVEY LINE

CLAYPIT

DROP INLET

TRUCK

TRUCK

TRUCK

TRUCK

TRUCK

**Box 196
3355**

GROTON ST-99L

LENGTH: 0.042 MI.

REINFORCED CONCRETE SLAB (23'-0" x 1/2" SPAN)

YEAR: 1964

CONTRACTOR: Kelly Construction, Inc.

DESIGNED BY: Kelly Construction, Inc.

CONTRACT NO.: 10-1164

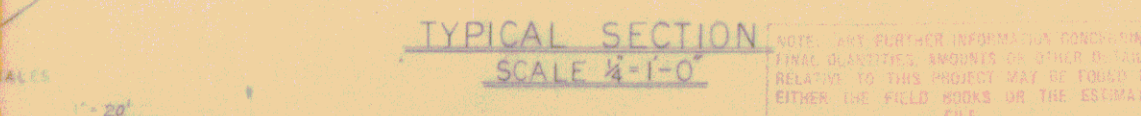
CONTRACT DATE: April 20, 1964

CONTRACT VALUE: \$100,000.00

CONTRACTOR: Kelly Construction, Inc.

ENGINEER: Kelly Construction, Inc.

INSPECTOR: Kelly Construction, Inc.



SUMMARY OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL	EST. TOTAL
101-A	Common Excavation	C.Y.	360		360	360
101-B	Solid Rock Excavation	C.Y.	1/2		1/2	1/2
104	Clearing and Grubbing	L.S.				
106	Unclassified Channel Exc.	C.Y.	200		200	200
107	Structure Excavation	C.Y.	95		95	95
109	Maintenance of Traffic For Bridge Project	L.S.	1/2		1/2	1/2
119	Bulldozer Rental	HR.	1		1	1
201-A	Sub-base of Gravel measured in Place	C.Y.	500		500	511
211	Gravel Overhaul	C.Y.	1000		1000	1032
222	Gravel Backfill	C.Y.	25		25	22
312-B	Double Tack Coat of Asphalt with Pea Stone Seal	Gal	265		265	285
401-B	Concrete Class 8 Modified	C.Y.	35		35	111
402	Reinforcing Steel	Lb.	15000		15000	6673
401-A	One-way Temporary Bridge	L.S.	1		1	0.25
442	Removal of Present Superstructure	L.S.	1		1	1
522	Spillfill for slope Protection	C.Y.	20		20	35
611	Seeding	Lb.	190		190	20
615	Commercial Fertilizer for Grasses	Lb.	100		100	20
622	Mulch	Ton	101		101	0.33

DEPARTMENT OF FISH & GAME
COMMISSIONER: [Signature]
DATE: 5/1/63

DEPARTMENT OF FORESTS & PARKS
COMMISSIONER: [Signature]
DATE: 9/1/63

DEPARTMENT OF WATER RESOURCES
COMMISSIONER: [Signature]
DATE: 5/1/63

RECOMMENDED FOR APPROVAL: [Signature]
DATE: 2/5/64

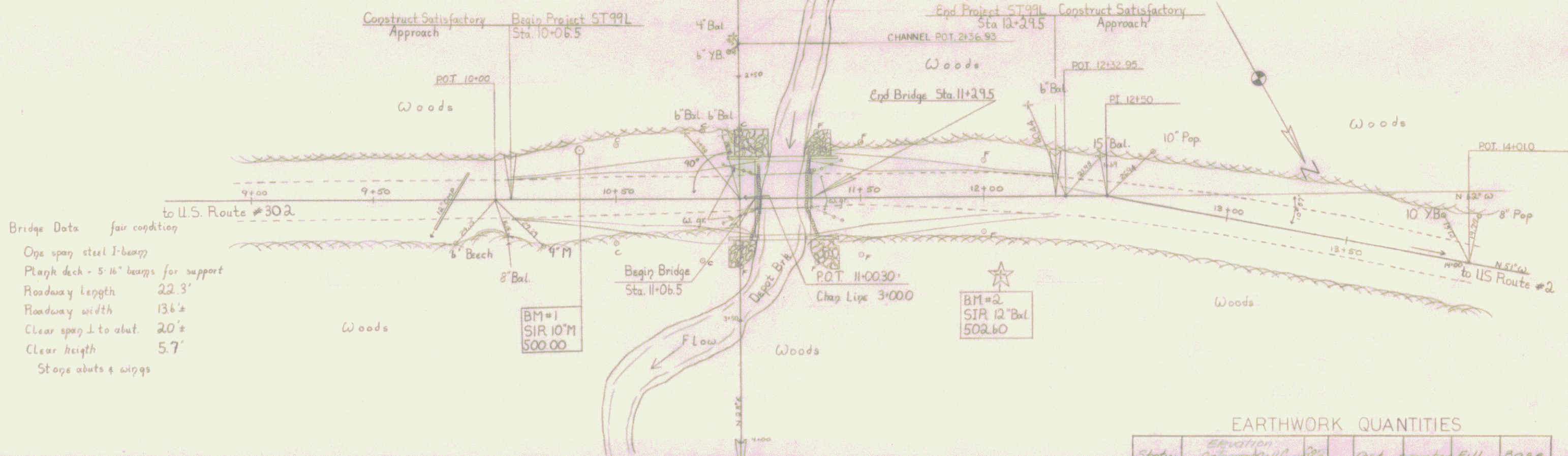
RECOMMENDED FOR APPROVAL: [Signature]
DATE: 9/1/63

RECOMMENDED FOR APPROVAL: [Signature]
DATE: 9/1/63

APPROVED: [Signature]
DATE: 2/5/64

PROJECT: GROTON ST-99L

SHEET 1 OF 13 SHEETS



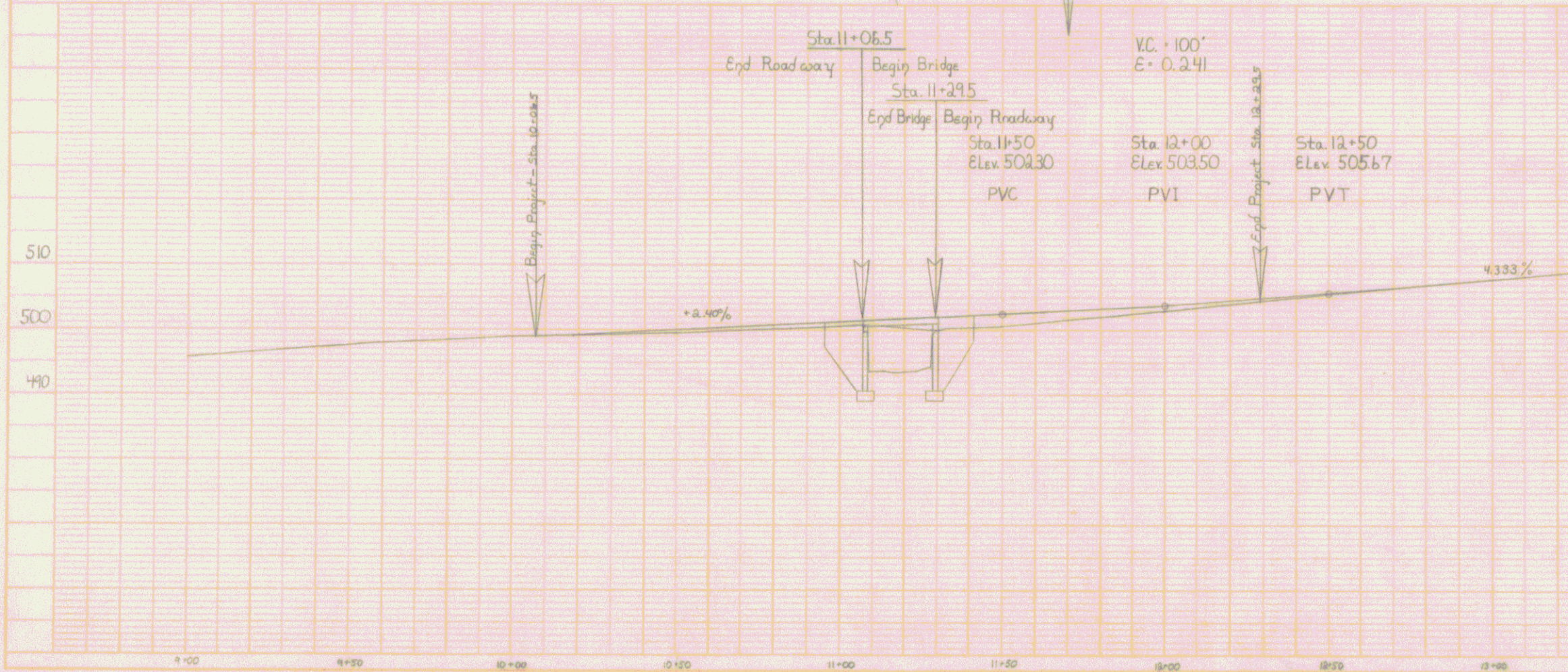
Bridge Data fair condition
 One span steel I-beam
 Plank deck - 5-16" beams for support
 Roadway length 22.3'
 Roadway width 13.6'
 Clear span to abut. 20'
 Clear height 5.7'
 Stone abuts & wings

BM#1
 SIR 10° M
 500.00

BM#2
 SIR 12° Bal
 502.60

EARTHWORK QUANTITIES

Station	Elevation	Cut	Fill	Base
10+00	500.00			
10+25	500.00	0	0	0
10+50	500.00	0	0	0
10+75	500.00	0	0	0
11+00	501.10	0	0	0
11+25	501.26	0	0	0
Bridge				
11+50	501.81	0	0	0
11+75	501.88	0	0	0
12+00	502.30	0	0	0
12+25	503.50	0	0	0
12+50	505.67	0	0	0
				Total
				360
				92
				500



Gratop
 ST99L
 SHEET 2 OF 13