

1. TITLE SHEET & BANKING TRANSITION
2. TYPICAL SECTIONS
3. STANDARD SHEET E-2
4. PLAN AND PROFILE
5. PLAN AND ELEVATION
6. RAILING DETAIL
7. SUPERSTRUCTURE DETAILS
8. ABUTMENT NO. 1 DETAILS
9. ABUTMENT NO. 2 DETAILS
10. REINFORCING STEEL ABUT. NO. 1
11. REINFORCING STEEL ABUT. NO. 2
- 12, 13. CHANNEL SECTIONS
- 14, 15. ROADWAY SECTIONS

SECTION 100

TO BE ADDED AS DIRECTED BY THE ENGINEER

CRUSHED EARTH FILL	20.000, PER ACFT
TALL FILL	10.000, PER ACFT
WINDING ROAD FILL	10.000, PER ACFT
GRASS	5.000, PER ACFT
CONCRETE CURB	10.000, PER ACFT
CONCRETE JOINT	5.000, PER ACFT
DIRT MATERIAL, WEEDS, ETC.	5.000, PER ACFT
TOTAL	60.000, PER ACFT

CONCRETE TOTAL 100.000, PER ACFT

ADDED TO 100.000 TO BE USED FOR WEEDING, ETC. TO BE ADDED AT THE RATE OF 100.000, PER ACFT

GRASS CRUSHED EARTH 100

TO BE PLACED ON EARTH SLOPES AT THE RATE OF 1 1/2 TONS PER ACFT

ALLEGRAE TOLERANCE

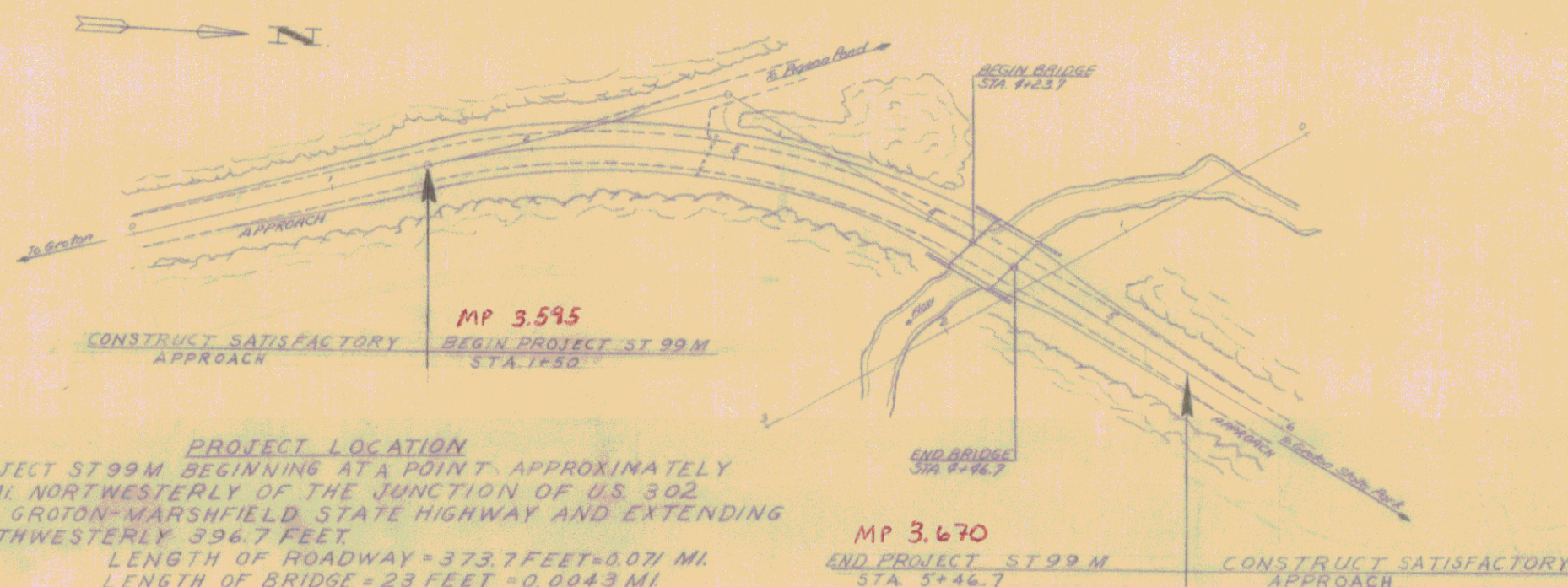
SUBGRADE CORREL = 5.000

10% CORREL = 5.000

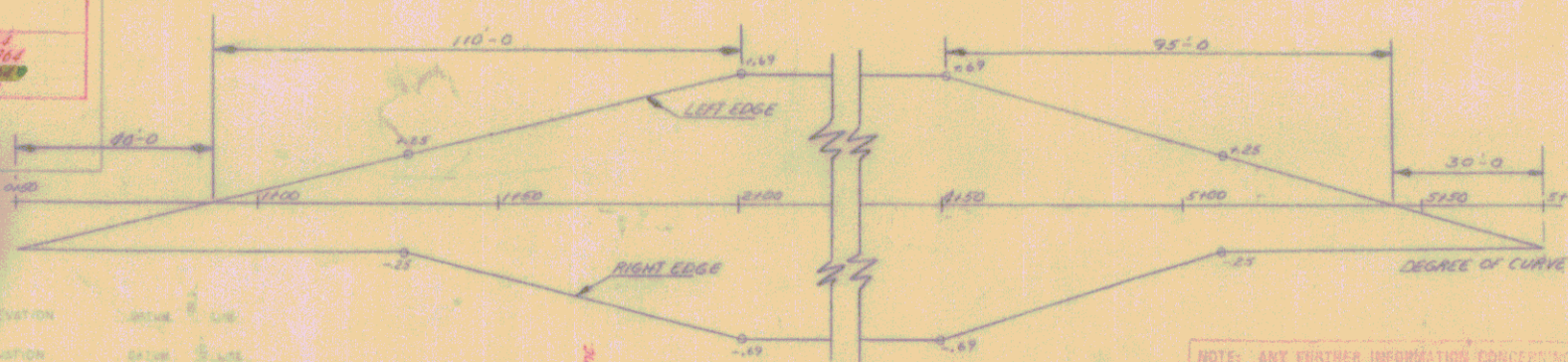
CONCRETE	DATE	0.075	TIME	10:14
CONCRETE	STATION	57+99M	LOCATION	Gravel - Marshfield at Highway, 22 over State 16
CONCRETE	REMARKS	Gravel - Marshfield at Highway, 22 over State 16		
CONCRETE	REMARKS	Reinforced Concrete 500 (25.0 % gpm)		
CONCRETE	CONTRACTOR	Kelley Construction, Inc.		
CONCRETE	REMARKS	Beginning at a point approx 3.0 mi northwest of the junction of U.S. 302 at Gravel - Marshfield along Highway, extending northwest to 334.7 ft		

PROPOSED IMPROVEMENT

TOWN OF GROTON
GROTON STATE FOREST
COUNTY OF CALEDONIA
GROTON-MARSHFIELD STATE HIGHWAY



PROJECT LOCATION
PROJECT ST99M BEGINNING AT A POINT APPROXIMATELY
3.8 MI. NORTHWESTERLY OF THE JUNCTION OF U.S. 302
AND GROTON-MARSHFIELD STATE HIGHWAY AND EXTENDING
NORTHWESTERLY 396.7 FEET.
LENGTH OF ROADWAY = 373.7 FEET = 0.07 MI.
LENGTH OF BRIDGE = 23 FEET = 0.0043 MI.
LENGTH OF PROJECT 396.7 FEET = 0.075 MI.



DEPARTMENT OF FISH & GAME
COMMISSIONER *George A. Davis*
DATE *January 31, 1964*
RECOMMENDED *RH Curren*
FOR APPROVAL *ASST. COM. & OTHERS*
DATE *2/5/64*

DEPARTMENT OF FORESTRY & PARKS	
COMMISSIONER <i>John N. Park</i>	
DATE <i>1/2/64</i>	<i>W. P. Williams</i> <i>Apr</i>
RECOMMENDED APPROVAL <i>Leo J. Jones</i>	RECEIVED FRANK <i>Jan. 28, 1964</i>

SUMMARY OF QUANTITIES										
ITEM NO.	ITEM	UNIT	PAV'T	ABUT	PIERS & SHEDS	BRIDGE	TOHLS	PAV'T	TOTAL	FINAL
100A	COMMON EXCAVATION	C.Y.					380'		380'	380'
101A	SOLID ROCK EXCAVATION	C.Y.					15'		15'	15'
102	GRAVEL (25%)	C.Y.					700'		700'	700'
103	CLEARING AND GRUBBING	C.S.					1/2'		1/2'	1/2'
104C	UNCLASSIFIED CHANNEL EXC.	C.Y.				350'			350'	350'
105	STRUCTURE EXCAVATION	C.Y.	100'	120'		220'			220'	220'
109	MAINTENANCE OF TRAFFIC	L.S.					1/2'		1/2'	1/2'
119	BULLDOZER RENTAL	HR					5'		5'	5'
201A	SUB-BASE OF GRAVEL	C.Y.					7700'		7700'	850'
221	GRAVEL OVERHAUL (MOD)	C.Y.					5500'		5500'	3153'
222	GRAVEL BACK FILL	C.Y.	27'	28'		55'			55'	35'
302A	GRAVEL 25% (25% OF SURFACE)	C.Y.					1200'		1200'	1200'
302B	GRAVEL 25% (25% OF SURFACE)	C.Y.					1155'		1155'	117'
401B	CONCRETE CLASS B	L.B.	20.00	40.00	30.00	115.00			115.00	168.00
901A	REINFORCING STEEL	L.B.					1'		1'	
902A	ONE WAY TEMPORARY BRIDGE	C.Y.								
992	REMOVAL OF PRESENT SUPERSTRUCTURE	L.S.					1'		1'	1'
522	STONE FILL FOR SLOPE PROTECTION	C.Y.	39'	37'		76'			76'	76'
572	BRIDGE RAILING	L.F.				180'			180'	180'
611	SEEDING	C.B.					70'		70'	40'
615	FERTILIZER	L.B.					700'		700'	300'
622	MULCH	TON					0.25'		0.25'	0.53'
423	CORRUGATED GALVANIZED METAL PIPE	L.F.					20'		20'	55'

Pin # 13R398

Route VT232