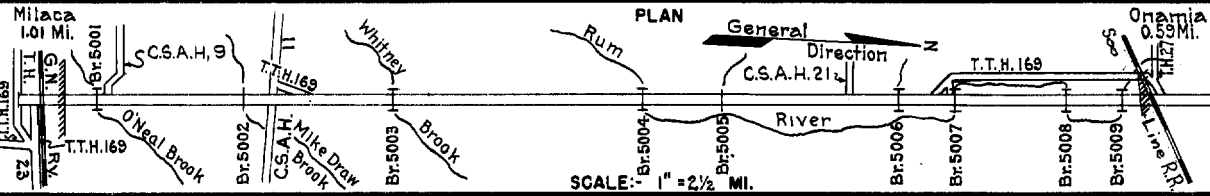


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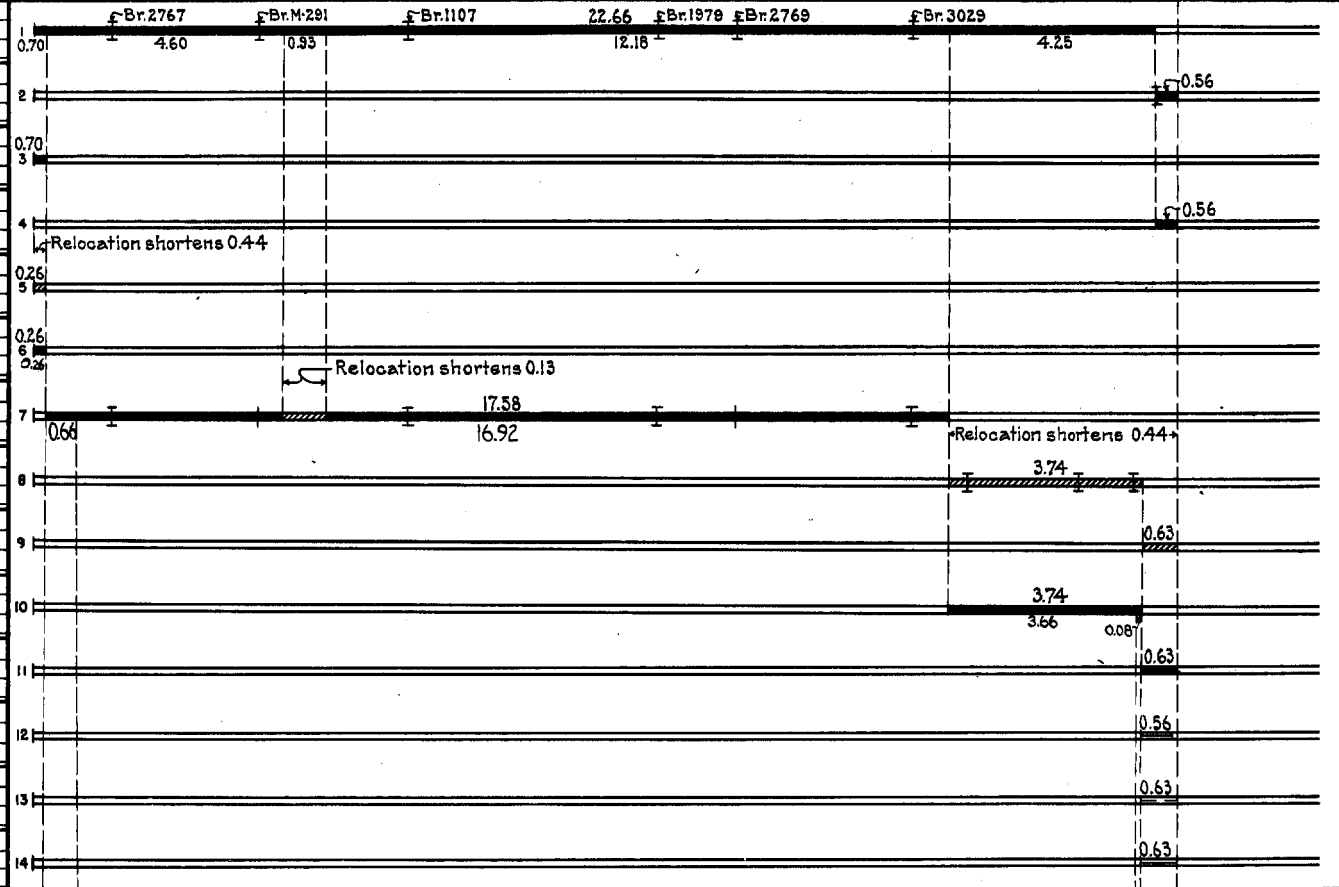
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
ROAD LIFE STUDIES
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 4812
TRUNK HIGHWAY 169
COUNTY Miller
DISTRICT 3A-3B

LIMITS: Jct.T.H.23 in Milaca - S.Jct.T.H.27 in Onamia



YEAR BUILT	PROJECT N°	DESCRIPTION			CODE N°
		TYPE	WIDTH	THICKNESS	
		Gravel 6 Bridges (1)	22' 19'2"	2" 2"	No Record of Constr.
1921	169-18-2A	Grading Gravel Br. 3239	20' 20'	3 1/2" 2"	1400 C.Y./Mile. 70' H.T.
1927		Tar. Tr. Gravel			10457 Gal./Mile. Maint. Dept.
	(2)				
1929	169-18-2A	Tar. Tr. Gravel	24'	1"	10215 Gal./Mile. Maint. Dept.
		Gravel			No Record of Constr. Taken over from City in 1930.
1931	169-18-23-2	Concrete	20'	9-79	
		Grading Concrete 6 Bridges (3)	40' 20' 37'4"		
1931	169-18-23-2	Concrete	20'	9-79	
1930	169-18-23-2	Grading Br. 5007, 5008 & 5009	40' 33'		Not in use as T.H. until 1932. 40' B.S. & 2-30' B.S.
1932	169-18-23-2	Grading	32'		
1932	169-18-23-2	Concrete	20'	9-79	
	(2)				
1932	169-18-23-2	Oil Tr. Gravel	28'	1 1/2"	Maint. Dept.
M					SG: 3,479.8 Gal./Mi.
1941	A.F.E. 20	Bit. Retreat	26'		Grav. 245 C.Y./Mi. Maint. Dept.
M					SG: 3b, 391.7 Gal./Mi.
1942	A.F.E. 4	Spot Treat Bit. Surf. Repair	28'		Agg. 248 C.Y./Mi. Maint. Dept.
M					RT: 6,249.5 Gal./Mi.
1942	A.F.E. 5	Bit. Seal Coat	30'		Agg. 119 C.Y./Mi. Maint. Dept.



YEARS		TOTAL MILES	UNINCORPORATED		INCORPORATED		RURAL		URBAN	
FROM	TO		RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.
1921	1929	23.22	21.27	0.05	1.85	0.01	21.82	0.06	1.34	0.00
1930	1930	23.78	21.27	0.05	1.85	0.01	21.82	0.06	0.90	0.00
1931	1931	22.65	21.16	0.05	1.45	0.01	21.71	0.04	0.90	0.00
1932	1947	22.21	20.86	0.05	1.30	0.00	21.26	0.05	0.90	0.00
1948	1958	22.35	20.85	0.05	1.45	0.00	21.44	0.05	0.90	0.00
1959		22.39	20.74	0.05	1.60	0.00	21.33	0.05	1.01	0.00

REMARKS: Layout is to scale as of 1932

(1) Br. 2767, 30' B.S. built in 1917; Br. M-291, 20' B.S.; Br. 1107, 23' B.S.; Br. 1979, 116' L.T. & B.S. built in 1917; Br. 2769, 20' B.S. built in 1917; & Br. 3029, 40' Slab Span, built in 1920. (2) This work not done under these project numbers but lies within the limits of these projects.

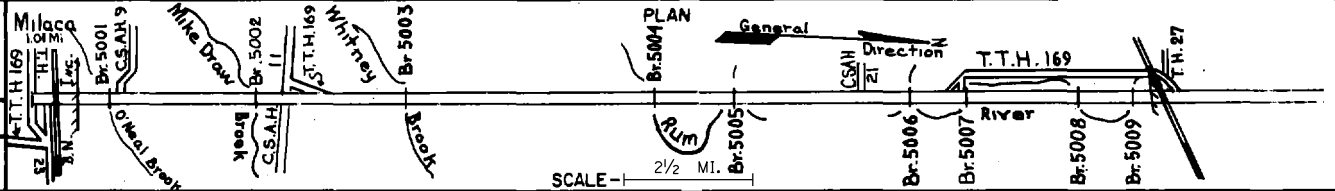
(3) Br. 5001, 30' B.S.; Br. 5002, W1010D; Br. 5003, 23' B.S.; Br. 5004, 85' D.T.; Br. 5005, W1010D & Br. 5006, 40' Conc. Slab.

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TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
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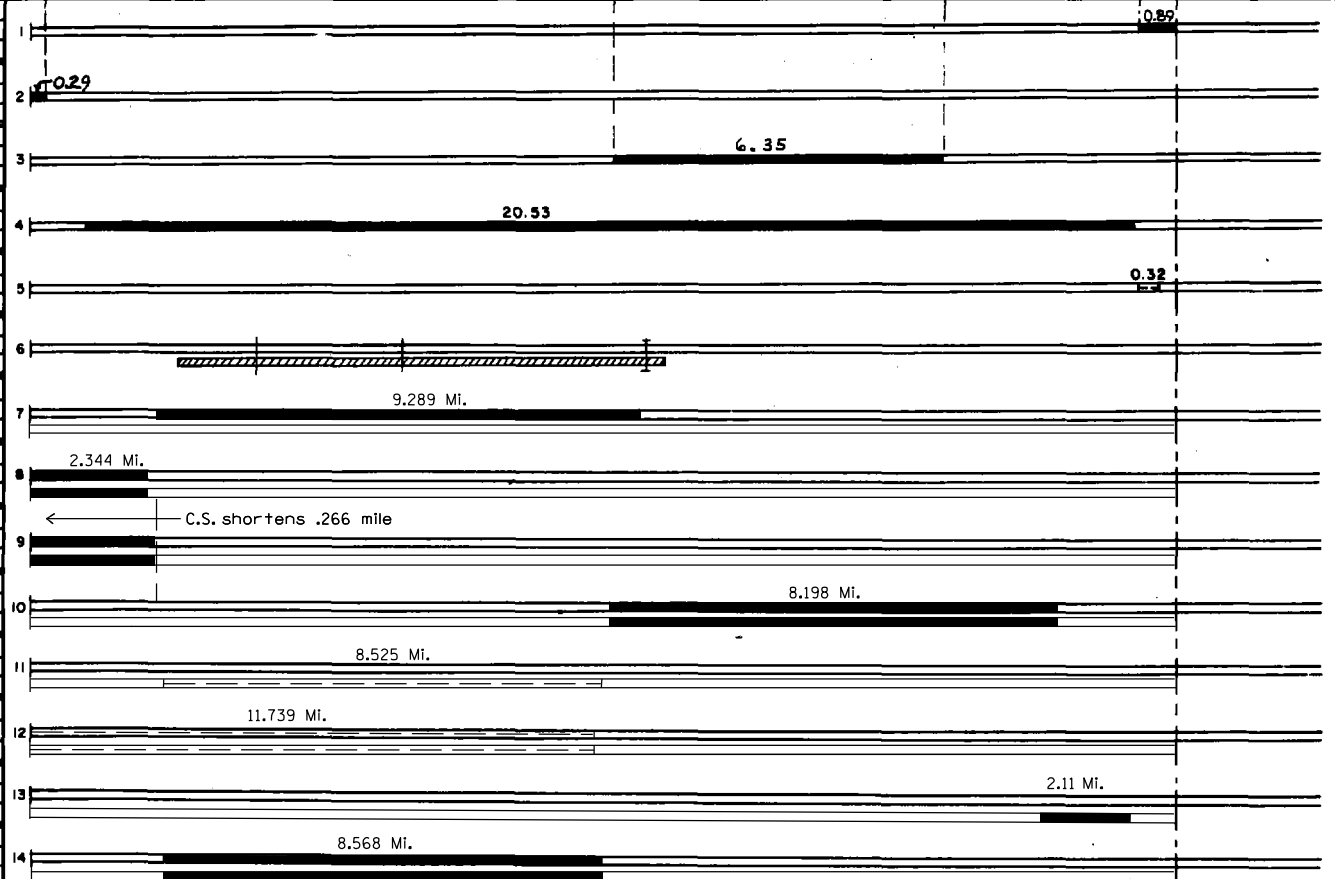
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
ROAD LIFE STUDIES
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 4812
TRUNK HIGHWAY 169
COUNTY Mille Lacs
DISTRICT 3A - 3B

LIMITS: Jct T.H. 23 in Milaca - S. Jct. T.H. 27 in Onamia
Ref. Pt. 191+00.591 - 213+00.625



YEAR BUILT	PROJECT NO	DESCRIPTION	WIDTH	THICKNESS	REMARKS
1974	-28	Plant Mix Bit Surf	26'	2 1/2"	
1975	-30	P. Mix Btt. Surf.	44'-48'	1 1/2"	
1977	4812-35	Bit SURFACING & Agg. Shoulders	20'	2" VAR	BitG-247341 9500 Ton Agg. Cl-1 9000 Ton
1981	PMS0005(10) 4812-38 4812-39	Bit. Surfacing Bit. Shoulders Striping	20'	2 1/2" VAR	2.29'
1984	4812 SF	Spot Bit Overlay	12'-24'	1"	Sp. 2341 420 Tons S.B. Rdwy
1984	4812-21	Grading Br. 48003 Br. 93112, 93101			
1986	4812-40	Bit. Surfacing	24'	1"	Spec. 2331 Spec. 2341
1987	4812-36	Grading			
1987	4812-48	Bit. Surfacing	24'	1"	Spec. 2331 Spec. 2341
1991	4812-44	Grading Bit. Surfacing	24'	1"	Spec. 2331 Spec. 2361
1991	M4489	Bit. Shouldering	4'	4"	Spec. 2331
1993	M93146	Bit. Sealing			
1993	M93128	Bit. Overlay	28'	1 1/2"	Spec. 2341
1996	4812-69	Milling Bit. Overlay	Var.	1 1/2"	Spec. 2341



YEARS		TOTAL MILES	UNINCORPORATED		INCORPORATED		RURAL		URBAN	
FROM	TO		RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.

REMARKS: See Sheet No. 1
C.S. shortens .266 mile due to Milaca bypass construction in 1987.

