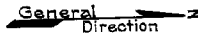


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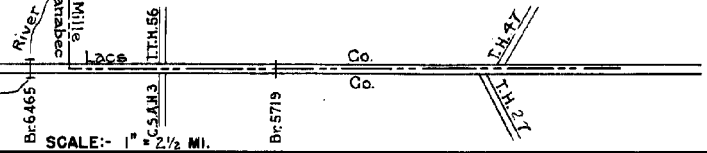
STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
ROAD LIFE STUDIES  
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 3304  
TRUNK HIGHWAY 47  
COUNTY Kanabec  
DISTRICT 38

LIMITS: W. Jct. T.H. 23 — E. Co. Line (1.8 Mi. S. of Jct. T.H. 27)

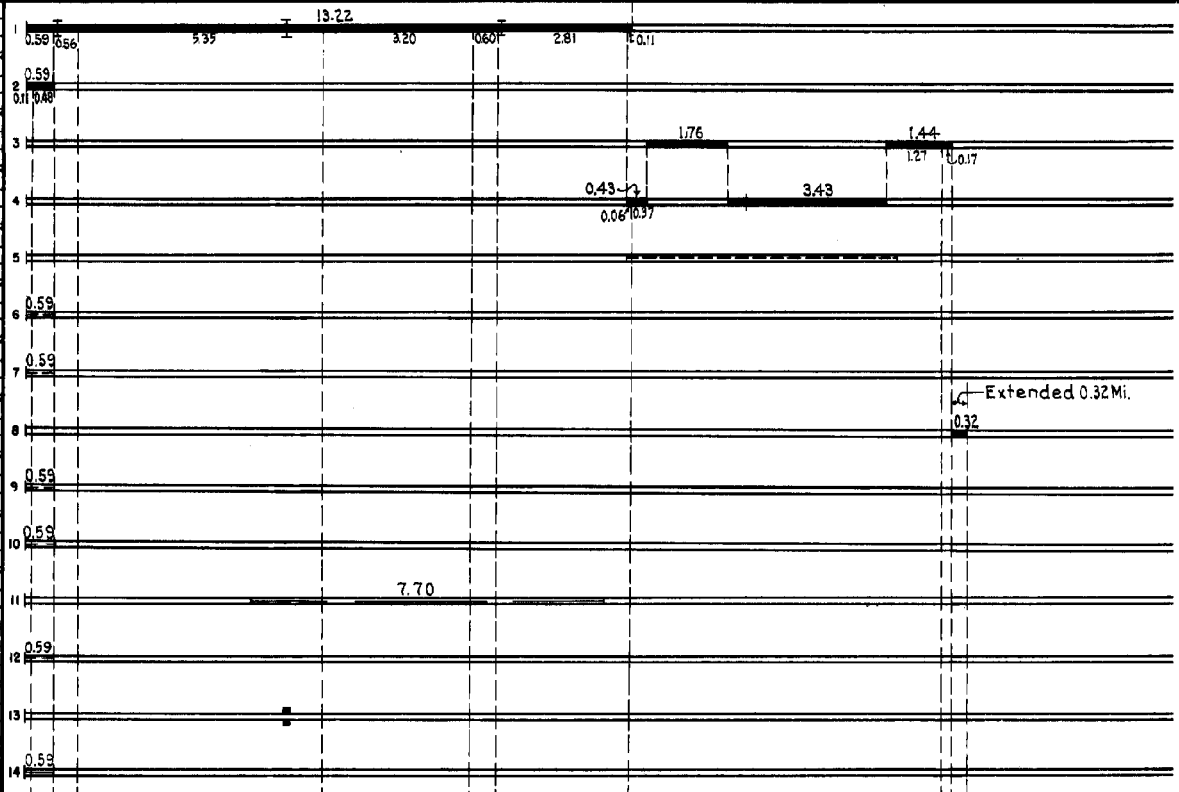


PLAN



SCALE: - 1" = 2 1/2 MI.

YEAR BUILT	PROJECT N <sup>o</sup>	DESCRIPTION			CODE N <sup>o</sup>
		TYPE	WIDTH	THICKNESS	
		Gravel	18'3"	1 1/2"	No Record of Constr. Added in 1934.
		Br. 3009	4207 & 2816 (1)	19-17	40 C.T.G. 15 B.S. & 40 C.T.G.
1938	A.F.E. 18	Bit. Surf. Treat.	25'	3/4"	Maint. Dept.
1938	A.F.E. 32	Reshaping	36'		
1940	1939 A.F.E. 4 & 52	Gravel	36'	1 1/2"	Maint. Dept.
1940	A.F.E. 18	Grading	36'		
1940	3304-01	Gravel	36'	1 1/4"	C(11-14-10)X10'X55
1940	3304-02	Br. 5719			
1940	3304-03	Seeding			Maint. Dept.
1940	A.F.E. 5	Spot Treat.			Oil 2839 Gal./Mi.
1940	A.F.E. 37	Bit. Surf. Repair			Grav. 122 C.Y./Mi.
1941	A.F.E. 20	Spot Treat.			MC-3 1610 Gal./Mi.
1941	A.F.E. 20	Bit. Surf. Repair	28'		Grav. 717 C.Y./Mi.
1942	3304-05	Grading	36'		1000 C.Y./Mi.
1942	A.F.E. 4	Spot Treat.			MC-3 3644 Gal./Mi.
1942	A.F.E. 4	Bit. Surf. Repair	28'		Grav. 156 C.Y./Mi.
1943	A.F.E. 4	Spot Treat.			MC-3 3220 Gal./Mi.
1943	A.F.E. 4	Bit. Surf. Repair	28'		Grav. 144 C.Y./Mi.
1943	A.F.E. 31	Grade Lifts (Spots)			Maint. Dept.
1944	A.F.E. 4	Spot Treat.			MC-3 4441 Gal./Mi.
1944	A.F.E. 4	Bit. Surf. Repair	26'		Grav. 207 C.Y./Mi.
1944		Widen	24'		15' B.S.
1945	A.F.E. 4	Bit. Surf. Repair	26'		MC-3 2892 Gal./Mi.
1945	A.F.E. 4	Bit. Surf. Repair	26'		Grav. 127 C.Y./Mi.



YEARS FROM	TO	TOTAL MILES	UNINCORPORATED		INCORPORATED		RURAL		URBAN	
			RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.
1934	1939	13.22	11.93	0.01	1.27	0.01	13.20	0.02	0.00	0.00
1940	1941	20.17	18.88	0.01	1.27	0.01	20.15	0.02	0.00	0.00
1942	1952	20.49	19.20	0.01	1.27	0.01	20.47	0.02	0.00	0.00
1953	1957	20.42	19.12	0.02	1.27	0.01	20.39	0.03	0.00	0.00
1958	1964	20.68	19.12	0.02	0.93	0.01	20.05	0.03	0.00	0.00
1965		19.83	19.79	0.04	0.00	0.00	19.79	0.04	0.00	0.00

REMARKS: Layout to scale as of 1940

(1) Br. 2816 built in 1917 & Br. 3009 built in 1919.

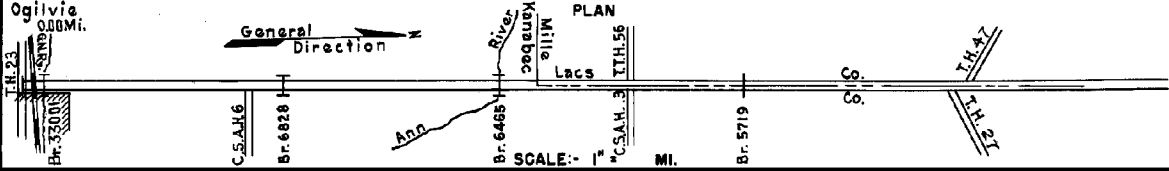


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STATE OF MINNESOTA  
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ROAD LIFE STUDIES  
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 3304  
TRUNK HIGHWAY 47  
COUNTY Kanabec  
DISTRICT 3B

LIMITS: W. Jct. T.H. 23 — W. Co. Line (18 Mi. S. of Jct. T.H. 27)



YEAR BUILT	PROJECT N°	DESCRIPTION			CODE N°
		TYPE	WIDTH	THICKNESS	
M 1954	A.F.E. 604	Spot Treat Bit. Surf. Repair	24'		1
M 1955	A.F.E. 604	Spot Treat Bit. Surf. Repair	24'		2
C 1955	3304-13	Gravel Base Mixed Bit.	26'	1 1/2"	3
M 1956	A.F.E. 604	Spot Treat Bit. Surf. Repair	24'		4
M 1957	A.F.E. 818	Spot Sub-Grade & Base Repair Restore Bit. Surf.			5
M 1957	A.F.E. 605	Light Bit. Seal	25'		6
M 1958	A.F.E. 604	Spot Treat Bit. Surf. Repair	24'		7
		Mixed Bit.	24'		8
M 1959	A.F.E. 604	Spot Treat Bit. Surf. Repair	24'		9
M 1960		Spot Bit. Resurfacing	24'		10
M 1962		Bit. Seal Coat	27'		11
C 1965	3304-15	Grading Sub-base & Rd. Mix Bit. Base	30'	4 1/2"	12
C 1968	3304-16	Pt. Mix. Bit. Surf. Gravel Shldrs.	24'	2"	13
C 1982	3304-21	Bit. Surfacing Bit. Shoulders Turn Lanes	25'	2 1/2"	14

4.88 (Net 0.96)	
4.71 (Net 1.38)	
15.71	0.32
15.39	
4.71 (Net 0.80)	
	0.78 (Net 0.10)
15.71	
4.71 (Net 0.46)	
	← Relocation shortens 0.34
4.97 (Net 0.28)	
	11.58 (Net 1.13)
15.83	
	← Relocation Shortens 0.25 →
4.44	
4.44	
4.44	
15.53 Mi.	

YEARS FROM TO		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

