

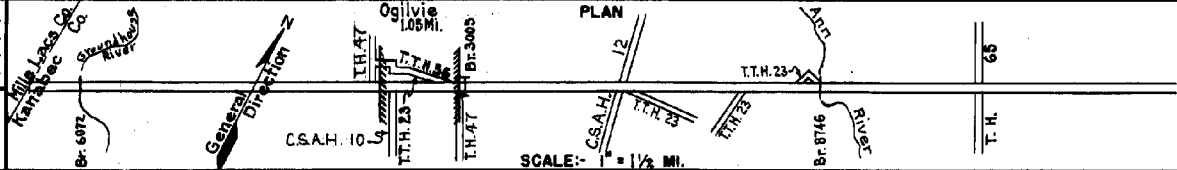
PREPARED BY
HIGHWAY PLANNING SURVEY
IN COOPERATION WITH
U.S. PUBLIC ROADS ADMINISTRATION

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

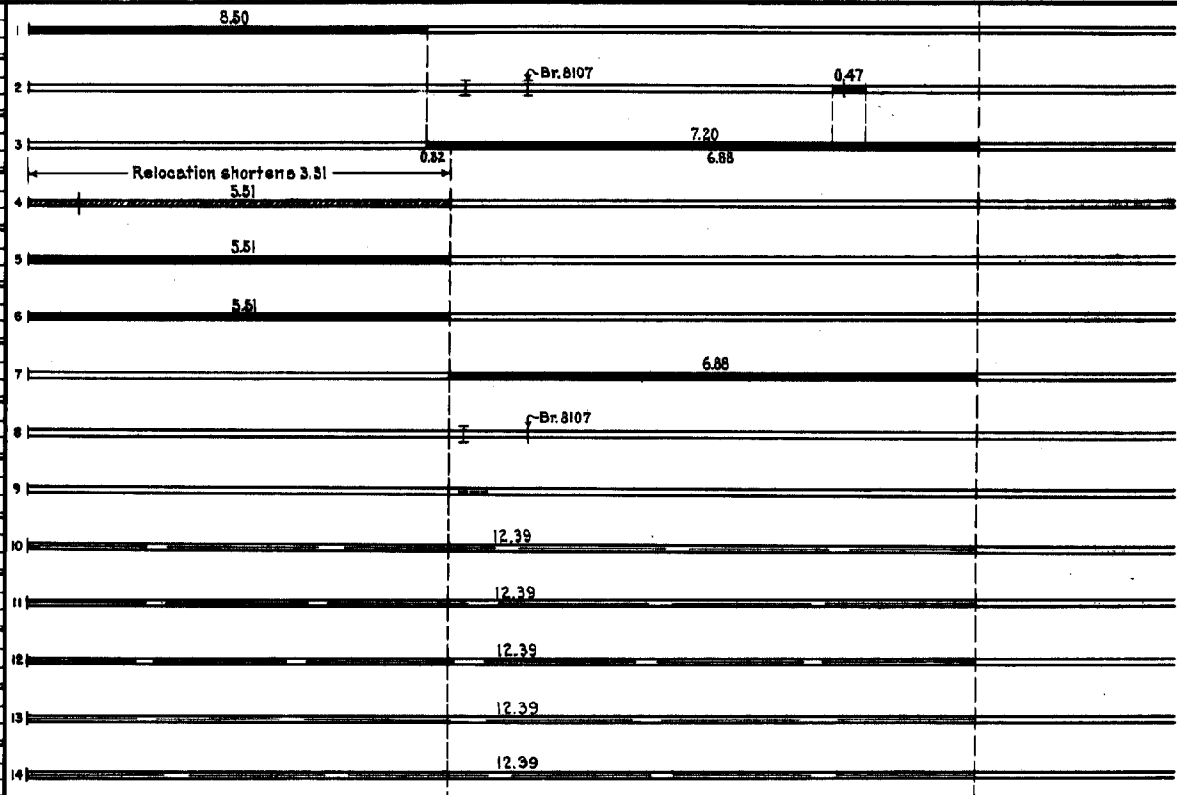
CONTROL SECTION 330
TRUNK HIGHWAY 23
COUNTY Kanabec
DISTRICT 3B

LIMITS: W. Co. Line - S. Jct. T.H. 65

YEAR BUILT	PROJECT N ^o	DESCRIPTION	CODE N ^o
		TYPE	
		WIDTH	
		THICKNESS	
		REMARKS	



		Earth	22'	No Record of Constr.	
1921	23-23-27 23-23-2	Grading Br. 3005 (1) 8107 (1) & 3280	24'	Co. Job 1901 & 2002. 30' Thru Girder. 17' Conc. & WI 10 B.D.	
1923	23-23-24	Grading Gravel	30' 24'	1200 C.Y./Mile.	
1925	23-23-33C	Grading Br. 6072	32'	WI 210 D.	
1930	23-23-33C	Gravel	24'	2 1/2" 1200 C.Y./Mile.	
1930	23-23-33C	Oil Tr. Gravel	26'	1 1/2" 14876 Gal./Mile. Maint. Dept.	
1930	23-23-24	Oil Tr. Gravel	26'	1 1/2" 16569 Gal./Mile. Maint. Dept.	
1932	23-23-24	Br. 3005 Br. 8107	27'	30' B.S. WI 26.	
1937	A.F.E. 19	Exc. side ditch & install culvert.		Maint. Dept.	
M		Spot Treat.		Tar 373 Gal./Mi.	
1940	A.F.E. 23	Bit. Surf. Repair		Grav. 178 C.Y./Mi. Maint. Dept.	12.39
M		Spot Treat.		MC 4, 2200 Gal./Mi.	
1941	A.F.E. 10	Bit. Surf. Repair	26'	Grav. 152 C.Y./Mi. Maint. Dept.	12.39
M		Spot Treat.		MC 2.83, 1875 Gal./Mi.	
1942	A.F.E. 4	Bit. Surf. Repair	26'	Grav. 167 C.Y./Mi. Maint. Dept.	12.39
M		Spot Treat.		MC 3, 887 Gal./Mi.	
1943	A.F.E. 4	Bit. Surf. Repair	26'	Grav. 38 C.Y./Mi. Maint. Dept.	12.39
M		Spot Treat.		MC 2, 2342 Gal./Mi.	
1944	A.F.E. 4	Bit. Surf. Repair	26'	Grav. 94 C.Y./Mi. Maint. Div.	12.39



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.
1923	1928	15.70	14.26	0.00	1.43	0.00	15.49	0.00	0.00	0.00
1923	1950	12.39	11.33	0.00	1.05	0.00	12.35	0.00	0.00	0.00
1951		11.72	10.66	0.00	1.05	0.00	11.71	0.00	0.00	0.00

REMARKS: Layout is to scale as of 1929

(1) Br. 3005 built in 1919. No record of construction of Br. 8107

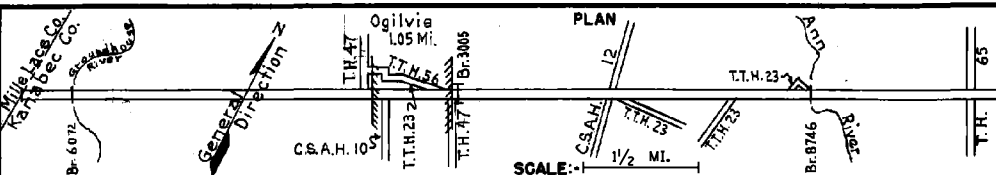
(2) This work not done under these project numbers but lies within the limits of these projects

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ROAD LIFE STUDIES
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 3301
TRUNK HIGHWAY 23
COUNTY Kanabec
DISTRICT 38

LIMITS: W. Co. Line - S. Jct. T.H. 65



YEAR BUILT	PROJECT N°	DESCRIPTION		REMARKS	CODE N°	MILES
		TYPE	THICKNESS			
M 1945	A.F.E. 4	Spot Treat. Bit. Surf. Repair	26'	MC-3, 1878 Gal. / Mi. Grav. 82 C.Y. / Mi. Maint. Div.		12.39
M 1946	A.F.E. 4	Spot Treat. Bit. Surf. Repair	24'	SC-3, 50982 Gal. Agg. 2977 C.Y.		12.39 (Net 7.02)
C 1947	A.F.E. 32	Sand-Grav. Base Bit. Surf. Treat. (Mixed Prime)	28' 6" 18"	SC-3, 35729 Gal.		5.51 (Net 2.63)
M 1947	A.F.E. 4	Spot Treat. Bit. Surf. Repair	24'	SC-3, 12081 Gal. Agg. 952 Tons		6.88 (Net 1.67)
M 1948	A.F.E. 4	Spot Treat. Bit. Surf. Repair	26'	SC-3, 21507 Gal. Agg. 1741 Tons		12.39 (Net 2.36)
M 1949	A.F.E. 4	Spot Treat. Bit. Surf. Repair	24'	SC-3, 23682 Gal. Agg. 2163 Tons		12.39 (Net 3.06)
C 1951	3301-05	Grading Grav. & Salv. Bit. Mat'l Br. 8746 (C1010 PH)	42' 42' 2"	1.0 Granular Mat'l 1980 C.Y. / Mi. C46 extend W126		Relocation shortens 0.67 6.21
C 1952	3301-04 3301-08 A.F.E. 7	Grading (M.P. 0.00-336) Grav. Sub-base (2 1/2% M.I.) Concrete	38' 38' Var. 22' 5'-9"	Ext. W104 Culv. Seeding (M.P. 342-11.72)		11.72
C 1952	A.F.E. 40	Install C.M. Flume Bit. Prime Shoulders				
C 1956	A.F.E. 830	Install Guard Rail		160 L.F.		
C 1978	3301-14 SF	Bit. Shoulders	9' Var.			1.20
C 1983	3301-16	Bit. Shoulders & Turn Lanes (6)	8' 2" 13' 3/2"	Spec. 2331 Spec. 2331		Exception 1.22 Mi.
M 1984	SF	Cons. Pavement Repair		Contract No. 4057		5.61
C 1984	3301-1A	Grading, Bit. Base Bit. Surfacing Agg. Shoulders	28' 7 1/2" 28' 3" 6' 3"			0.48

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

REMARKS: See Sheet No. 1

