

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 4813  
TRUNK HIGHWAY 189  
COUNTY Mille Lacs  
DISTRICT 3A

LIMITS: Jct. T.H. 27 in Onamia - N. Jct. T.H. 27

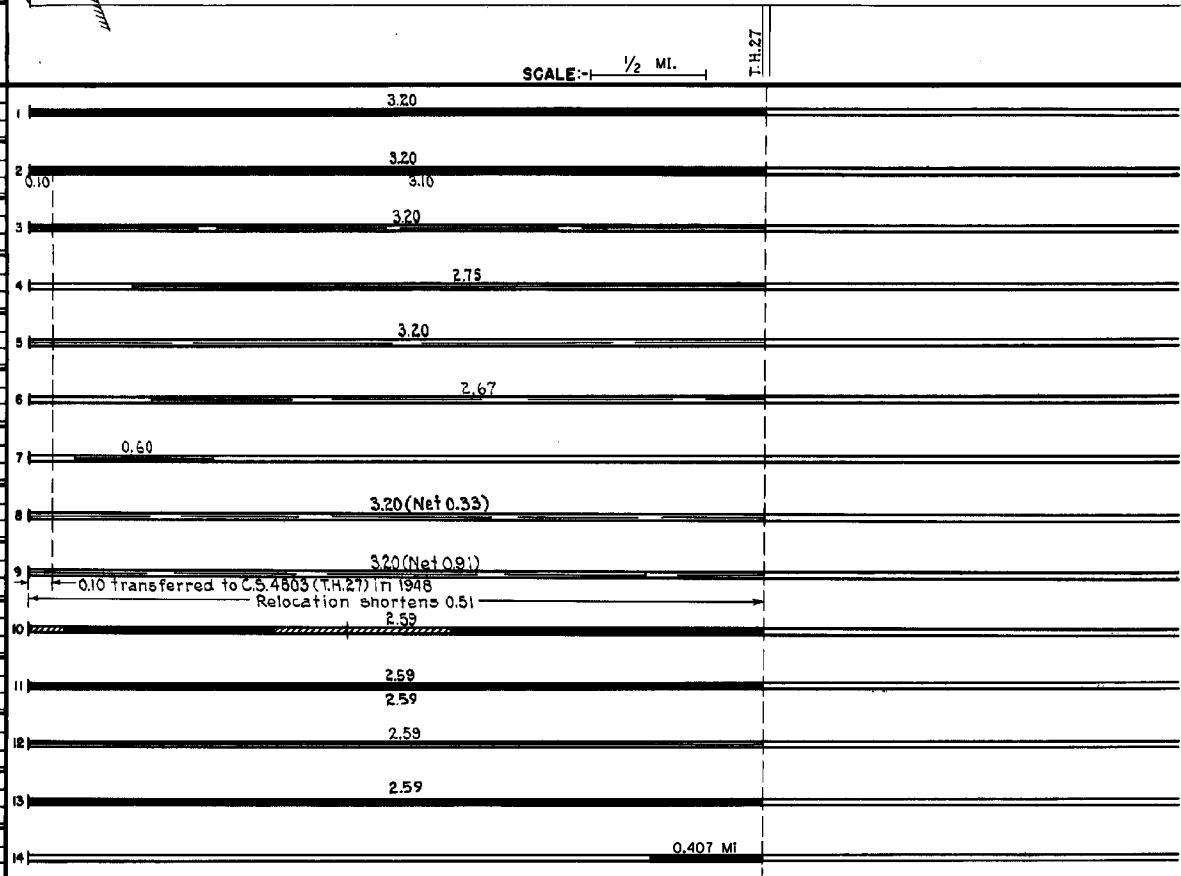
Ref. Pt. 213+00.625 - 216+00.226

Onamia  
0.24 Mi.

PLAN



YEAR BUILT	PROJECT N <sup>o</sup>	DESCRIPTION				CODE N <sup>o</sup>
		TYPE	WIDTH	THICKNESS	REMARKS	
1921	169-18-2A	Grading Gravel	20'	3 1/2"	1400 C.Y./Mile.	
	(1)					
1929	169-18-2A	Tar Tr. Gravel	20'	1 1/2"	10215 Gal./Mile. Maint. Dept.	
M	A.F.E. 34	Spot Treat. Bit Surf. Repair			SC-3, 1571 Gal./Mi. Grav. 266 C.Y./Mi. Maint. Dept.	
M	A.F.E. 21	Bit. Retreat.	24'		SC-3, 5721 Gal./Mi. Grav. 207 C.Y./Mi. Maint. Dept.	
M	A.F.E. 4 A.F.E. 5	Spot Treat. Bit Surf. Repair & Spot Seal	24'		SC-3b & RT-6, 3576 G./Mi. Grav. 214 C.Y./Mi. Maint. Dept.	
M	A.F.E. 4	Spot Treat. Bit Surf. Repair	24'		RT-6, 3636 Gal./Mi. Grav. 193 C.Y./Mi. Maint. Div.	
M	A.F.E. 4	Bit Surf. Repair	24'		RT-6, 7480 Gal./Mi. Grav. 400 C.Y./Mi. Maint. Div.	
M	A.F.E. 4	Spot Treat. Bit Surf. Repair	24'		SC-3, 2642 Gal. Agg. 165 C.Y.	
M	A.F.E. 4	Spot Treat. Bit Surf. Repair	24'		SC-3, 7216 Gal. Agg. 451 C.Y.	
C	1946 4813-03	Grading Bit. Stab. Base (Mixed Bit)	34' 32'	4"	C64x47' Cully.	
C	1949 4813-04	Plant Mix Bit.	24'	1 1/2"		
M	1957 A.F.E. 605	Bit. Seal Coat	25'		RS-2, 10691 Gal. Agg. 340 C.Y.	
C	1974 -09	Plant Mix Bit. Surf.	26'	2 1/2"		
C	1997 4813-15	Mill & Bit. Overlay	24'	2"	Spec. 2341	



YEARS FROM	YEARS TO	TOTAL MILES	UNINCORPORATED		INCORPORATED		RURAL		URBAN	
			RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.	RDWY. MI.	BR. MI.
1921	1947	3.20	2.39	0.00	0.81	0.00	3.20	0.00	0.00	0.00
1948		2.59	2.35	0.00	0.24	0.00	2.59	0.00	0.00	0.00

REMARKS: Layout is to scale as of 1921. Plan revised for 1946 relocation.  
  
 (1) This work not done under this project number but lies within the limits of this project.

