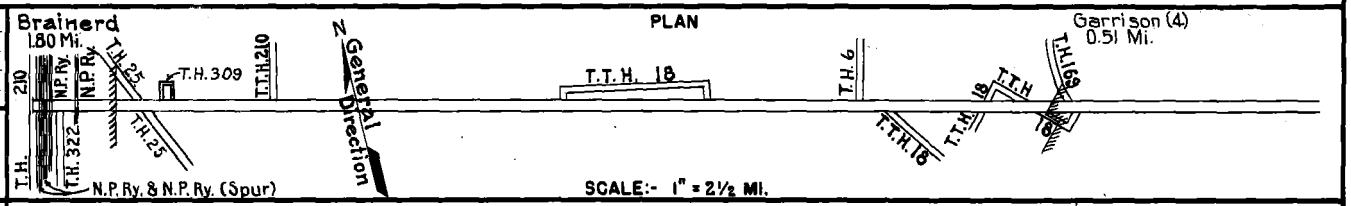
FORM R.L.-7 REV. 2-40

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

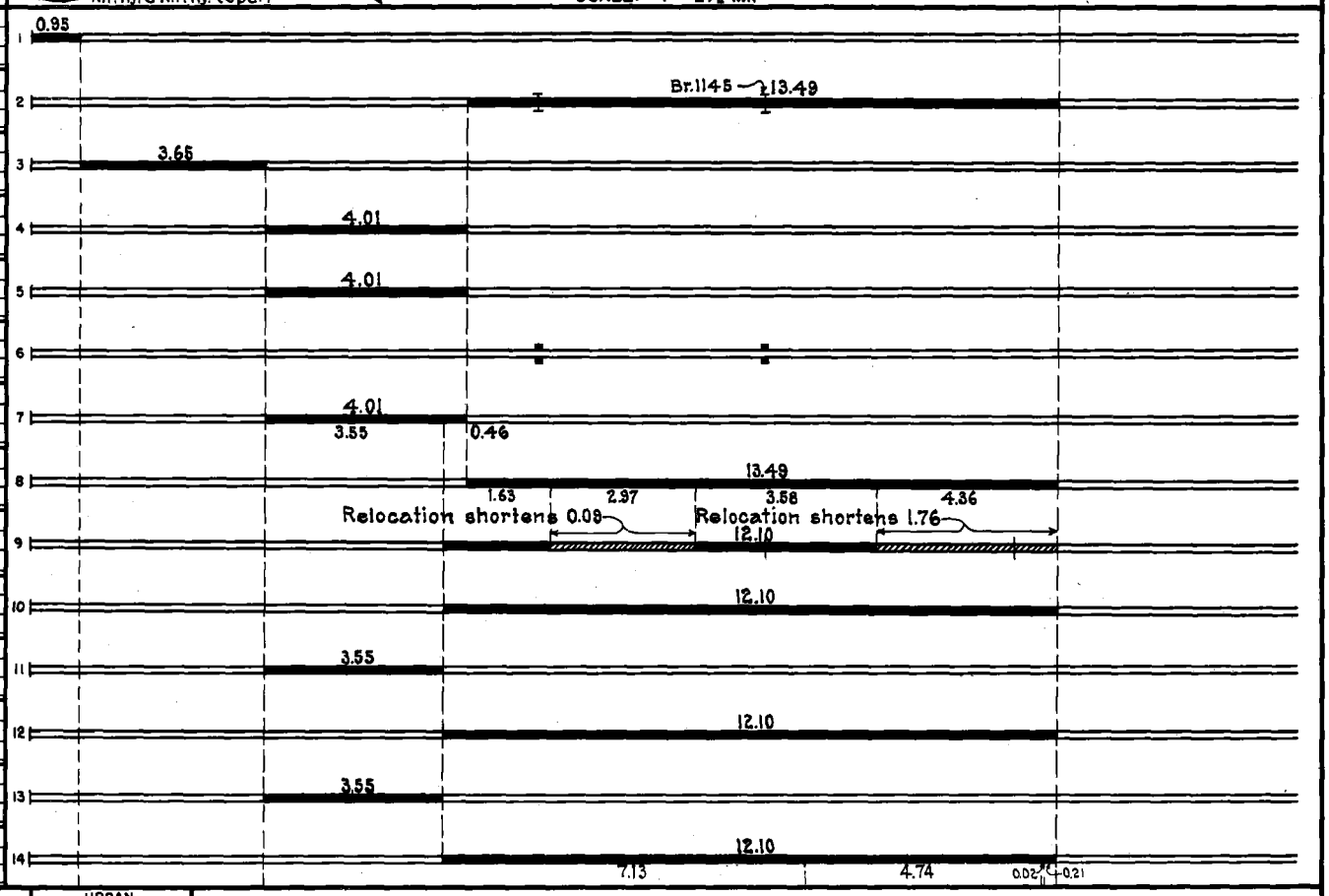
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
ROAD LIFE STUDIES
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 1803
TRUNK HIGHWAY 18
COUNTY Crow Wing
DISTRICT 3A

LIMITS: Jct. T.H. 210 in Brainerd - Jct. T.H. 169 in Garrison



YEAR BUILT	PROJECT Nº	DESCRIPTION: TYPE	WIDTH	THICKNESS	REMARKS	CODE Nº
1920	18-2-6	Concrete	35'		Co. Job 2001	
1920	18-18-1	Grading Gravel Br. 3110 & 1145	 20-22'		 16' C.S. & 12' B.S.	
1921	18-2-7	Grading Concrete	 18'			
1921	18-18-22	Grading	30'			
1922	18-18-22	Gravel	24'		1600 C.Y./Mile	
1929	18-18-1	Br. 3110 Br. 1145 (1)	29' 28'		Br. Widening 16' C.S. 12' B.S.	
1931	(2) 18-18-22	Oil Tr. Gravel	26'	1"	7445 Gal./Mile. Maint. Dept.	
1931	(2) 18-18-1	Oil Tr. Gravel	22'	1"	7445 Gal./Mile. Maint. Dept.	
1932	18-18-24A,B&C	Grading Br. 4108 & Br. 84	36-40'		 W104 & W86D.	
1933	18-18-24A,B&C	Gravel	24'	2-2½	900-1500 C.Y./Mile.	
1933	18-18-22	Grading Sand Lift	32' 24'	 12"		
1933	18-18-24A,B&C	Gravel	24'	(3) 4-4½"	900 C.Y./Mile.	
1935	18-18-22	Oil Tr. Gravel	24'	1½"		
1935	18-18-24A,B&C	Oil Tr. Gravel	24'	1½"		



YEARS FROM	YEARS TO	TOTAL MILES	UNINCORPORATED RDWY. MI.	UNINCORPORATED BR. MI.	INCORPORATED RDWY. MI.	INCORPORATED BR. MI.	RURAL RDWY. MI.	RURAL BR. MI.	URBAN RDWY. MI.	URBAN BR. MI.
1921	1931	22.10	20.52	0.00	1.58	0.00	20.52	0.00	1.58	0.00
1932	1936	20.25	18.67	0.00	1.58	0.00	18.67	0.00	1.58	0.00
1937	1937	20.25	18.18	0.00	2.07	0.00	18.67	0.00	1.58	0.00
1938	1954	20.27	18.18	0.00	2.09	0.00	18.69	0.00	1.58	0.00
1955		20.49	18.18	0.00	2.31	0.00	18.69	0.00	1.80	0.00

REMARKS: Layout is to scale as of 1932

(1) Br. 1145 replaced by W104 in 1932
(2) This work not done under these project numbers but lies within the limits of these projects
(3) Accumulated thickness. (4) Garrison incorporated 5-3-37.

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ROAD LIFE STUDIES
CONSTRUCTION PROJECT LOG RECORD

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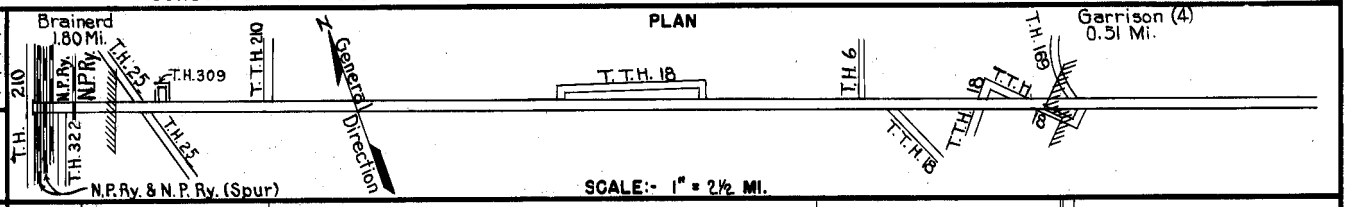
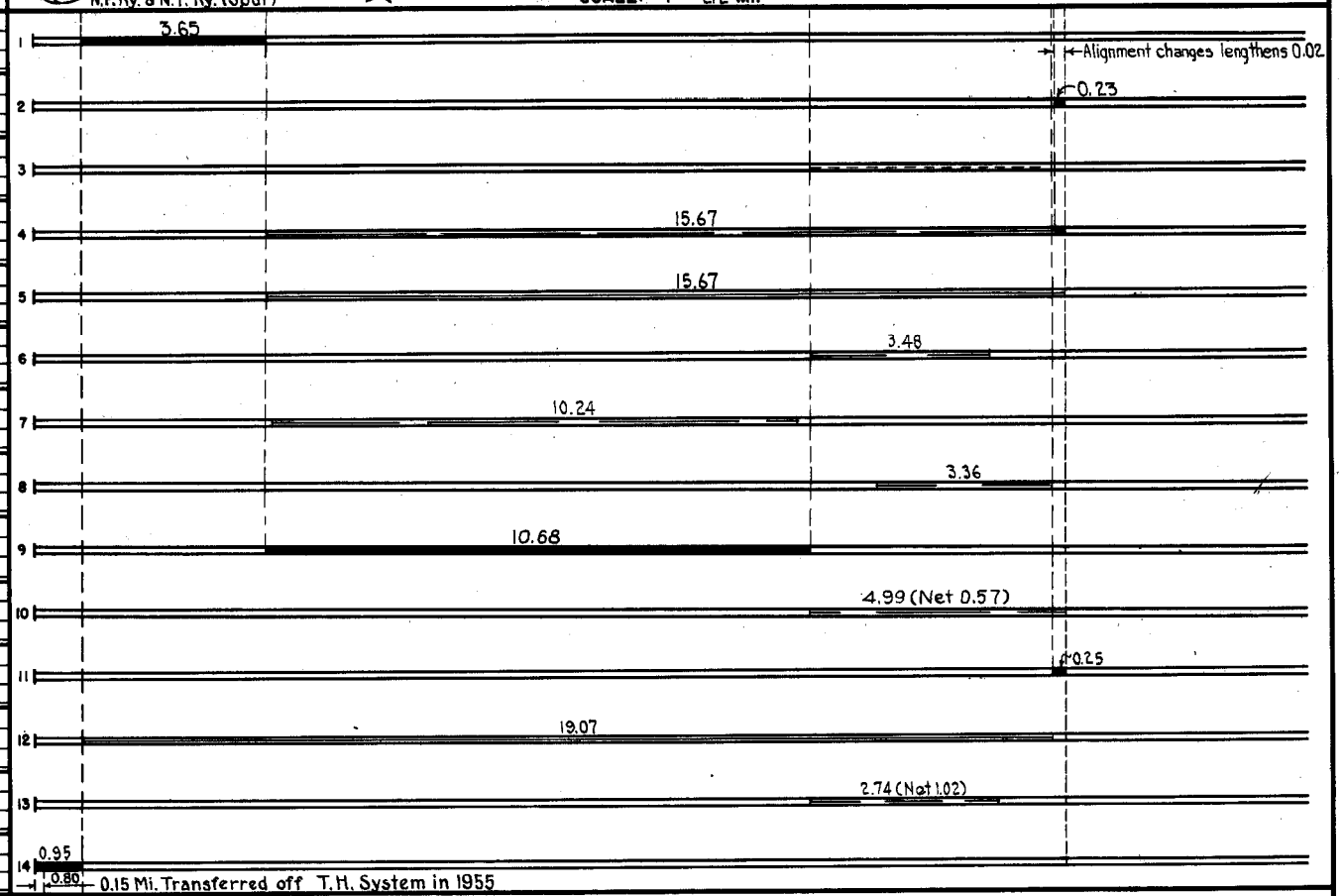


YEAR BUILT	PROJECT Nº	DESCRIPTION: TYPE	WIDTH	THICKNESS	REMARKS	CODE Nº
1938	A.F.E. 37	Plant Mix Bit.	18'	1½"		
		Stab. Gravel Shoulders	4'	4"	Maint. Dept.	
		Grading	40'			
1938	18-18-24	Gravel	40'	4"		
		Roadside Development			By N.P.S. & C.C.C.	
1939	1803-01	Roadside Development				
C&M		Spot Treat.			RT-6&SC-3, 598 G./Mi.	
1940	A.F.E. 31	Bit. Surf. Repair			Grav. 89 C.Y./Mi.	
		Mixed Bit. 0.23 Mi.			Maint. Dept.	
M					AE-1, 3014 Gal./Mi.	
1941	A.F.E. 32	Bit. Seal Coat			Sand, 74 C.Y./Mi.	
					Maint. Dept.	
M		Base Repair (Spots)		6"-12"		
1944	1803-04	Mixed Bit. (Spots)	26'	1"		
M		Spot Treat.			MC-2, 2583 Gal./Mi.	
1944	A.F.E. 4	Bit. Surf. Repair	24'		Grav. 128 C.Y./Mi.	
					Maint. Div.	
M		Spot Treat.			MC-2, 4162 Gal./Mi.	
1945	A.F.E. 4	Bit. Surf. Repair	24'		Grav. 203 C.Y./Mi.	
					Maint. Div.	
C					MC-3, 98878 Gal.	
1947	A.F.E. 16	Bit. Resurfacing	24'	1"	Agg. 5356 C.Y.	
		Mixed Bit.		added		
M		Spot Treat			MC-3, 9266 Gal.	
1947	A.F.E. 4	Bit. Surf. Repair	24'		Agg. 502 C.Y.	
C		Bit. Resurfacing			MC-3, 7706 Gal.	
1949	A.F.E. 4	Mixed Bit.	40'	1"	Agg. 404 C.Y.	
				added		
M					RC-1&2-25154 Gal.	
1949	A.F.E. 4	Bit. Fog Seal	18-24		Agg. 630 C.Y.	
M		Spot Treat.			MC-3, 8712 Gal.	
1951	A.F.E. 4	Bit. Surf. Repair	24'		Agg. 616 C.Y.	
C						
1952	1803-05	Plant Mix Bit.	35'	3"	On old concrete	



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

REMARKS: See Sheet 1.

R.L.-7 REV. 2-40

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

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
ROAD LIFE STUDIES
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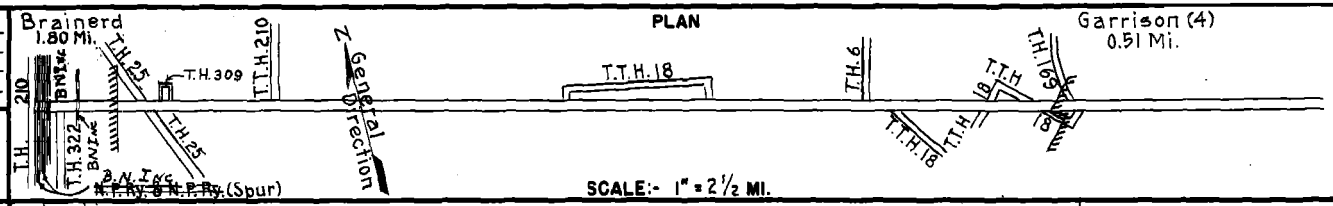
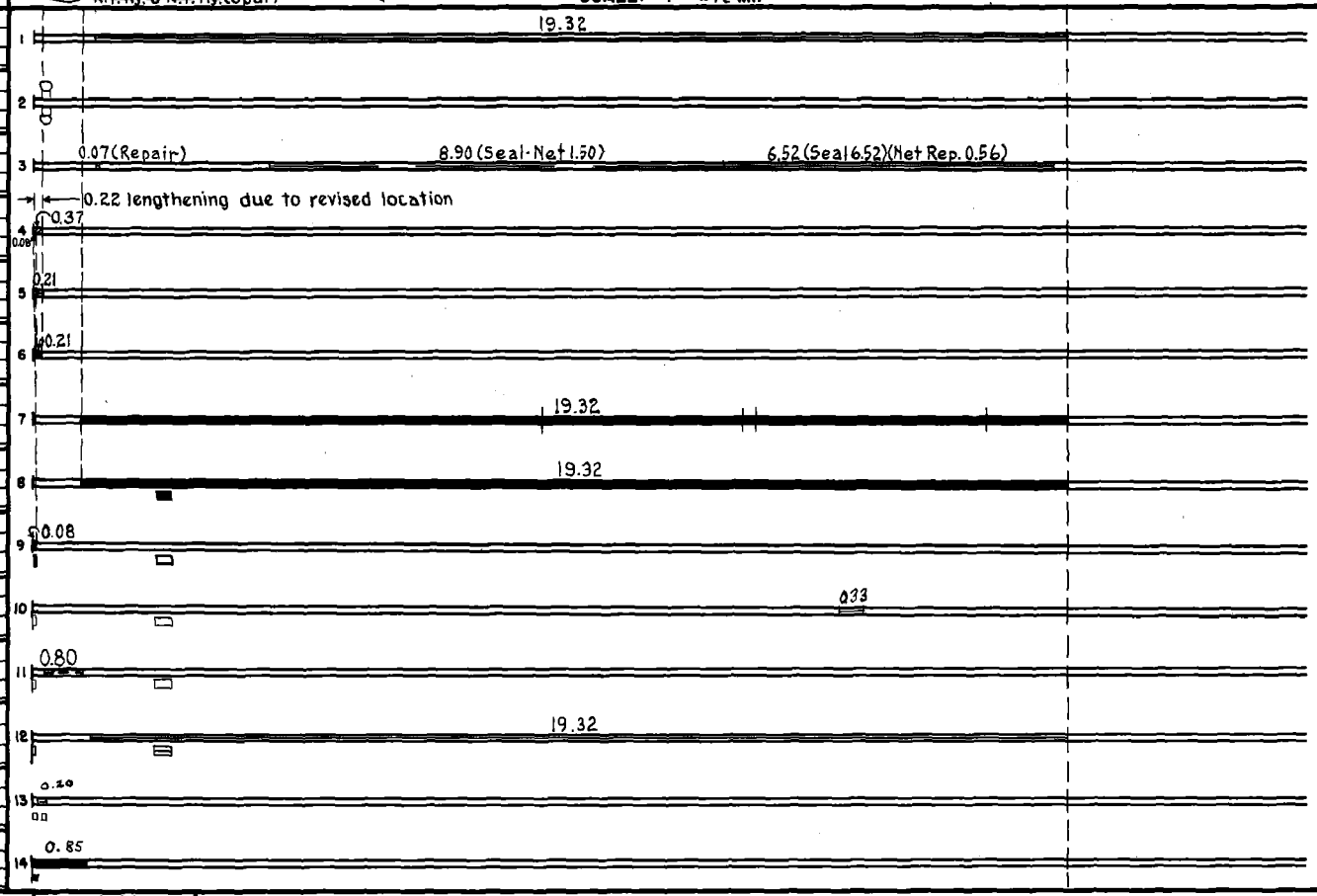


YEAR BUILT	PROJECT Nº	DESCRIPTION: TYPE	WIDTH	THICKNESS	REMARKS	CODE Nº
M 1952	A.F.E. 5	Light Bit. Seal	16-40		RCS-2 28657 Gal. Agg. 824 C.Y.	
C 1953	1803-09	R.R. Xing Signals				
M 1954		Spot Treat.			MC-2 & RC-2, 16926 Gal.	
	A.F.E. 604	Bit. Surf. Repair	18-24		Agg. 470 Tons & 440 C.Y.	
	A.F.E. 605	Spot Light Bit. Seal	24'			
		Concr. (Mi. Pt. 0.00-0.16)	58-70		Transferred from	
		Mixed Bit. (Mi. Pt. 0.16-0.37)	67'		City in 1955.	
					No Record of Constr.	
M 1955	A.F.E. 604	Bit. Surf. Repair	42'		MC-2, 3930 Gal. Agg. 308 Tons	
C 1957	1803-13	Plant Mix Bit.	58'	2" min		
C 1957		Grading	40'			
	1803-10	Stab. Grav. Base	40'	4½"-6"	On 0"-10" Sand-Gr. Sub-base	
		Mixed Bit. (Base)	26	1½"	Box Culverts (5)	
C 1959	1803-15	Spot Grading			0.28 Divided	
		Spot Base			Highway	
		Mix Bit.	24'	3"	AC-1 2520 Tons	
C 1959	1806-20	Plant Mix Bit *	20-24	3"	Divided Highway *Over old 58' conc. Inp.	
C 1961 & 1962		Widening at Jct.	9'	9"	Gray. wearing	
	1801-04	T.H. 6			constructed on the	
	1801-05	Bit. Shoulder			left (6)	
C 1962		Gravel Base		8"	Widening 4½' rt. & lt.	
	1803-17	Bit. Base		1"	of old P.C. conc.	
		Plant Mix Bit.		3"	base & Bit. surface	
M 1967	C	Bit. Seal Coat	Var.		CRS-2 Bit. 59,425 Gal. FA-3 Agg. 2,210 C.Y.	
M 1978	1803-22	Misc Grading	50'			
		Bit. Resurfacing	To	3/4"		
		& Conc. Median	70'			
C 1971	-20	Bit. Surfacing	24'	5/8"		



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REMARKS: See Sheet No. 1
(5) C88D (Replaces Br. 3110) & Extend W104, W64 & W84.
(6) New gravel wearing course considered new shoulder, old 7' plant mix bit. shoulder considered part of roadway. New shoulder surfaced with plant mix bituminous in 1962.

Mn/DOT 29450 (4-78)
FORM RL-7

PREPARED BY
BUREAU OF POLICY & PLANNING
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION-FEDERAL HIGHWAY ADMINISTRATION

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PROJECT LOG RECORD

CONTROL SECTION 1803
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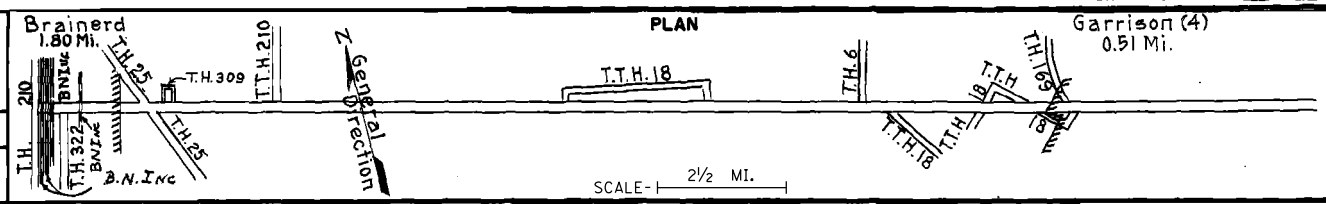
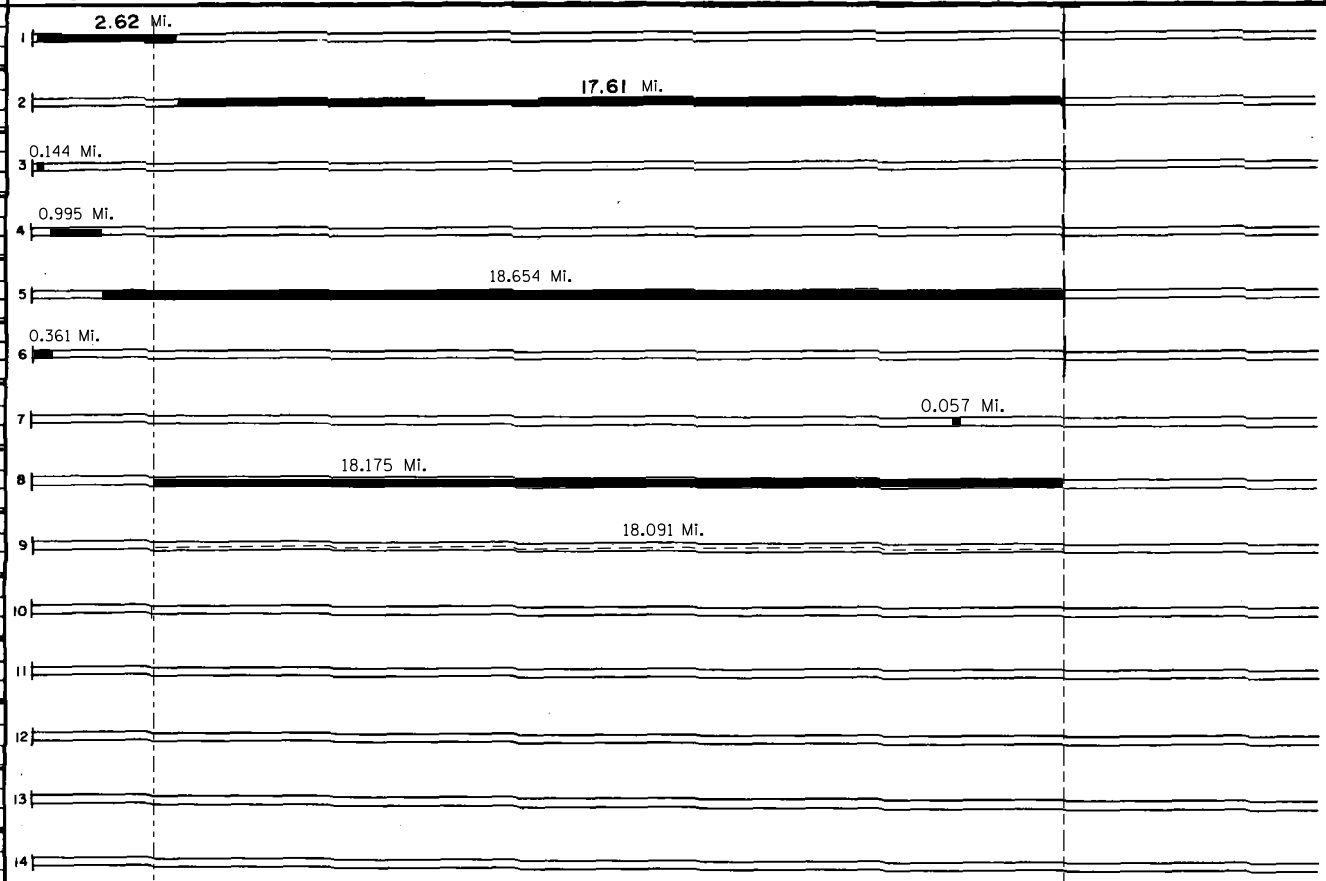
Ref. Pt. 002+00.327 - 20+00.502

YEAR BUILT	PROJECT NO	DESCRIPTION: TYPE	WIDTH	THICKNESS	REMARKS
C 1982	1803-27	Bit. Surfacing	24-55	2½"	Sp. 2341
		Bit. Shoulders	7'	1½"	Sp. 2331
C 1982	1803-24	Bit. Surfacing			
		Bit. Shoulders			
C 1986	SF	Bit. Overlay	70'	1"	Spec 2341
C 1993	1803-31	Bit. Milling & Overlay	4'	1½"	Spec 2341
C 1993	1803-32	Bit. Milling & Overlay	24'	1½"	Spec 2341
		Shoulder Work			
C 1997	1803-33	Bit. Overlay	24'	Var.	Spec 2341
C 2002	8823-34	Bituminous Overlay	26'	2"	Spec. 2350
		Gravel Shoulders	3'	2"	Class 1
C 2006	S06071	Misc. Grading, Bit.	24'	2"	Milling
	1803-35	Milling, & Surfacing	24'	3.5"	Spec. 2360
		& Culverts			
M 2018	8823-308	Microsurfacing	var.		Spec. 2354
		Turn & Bypass Lns	11'		





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