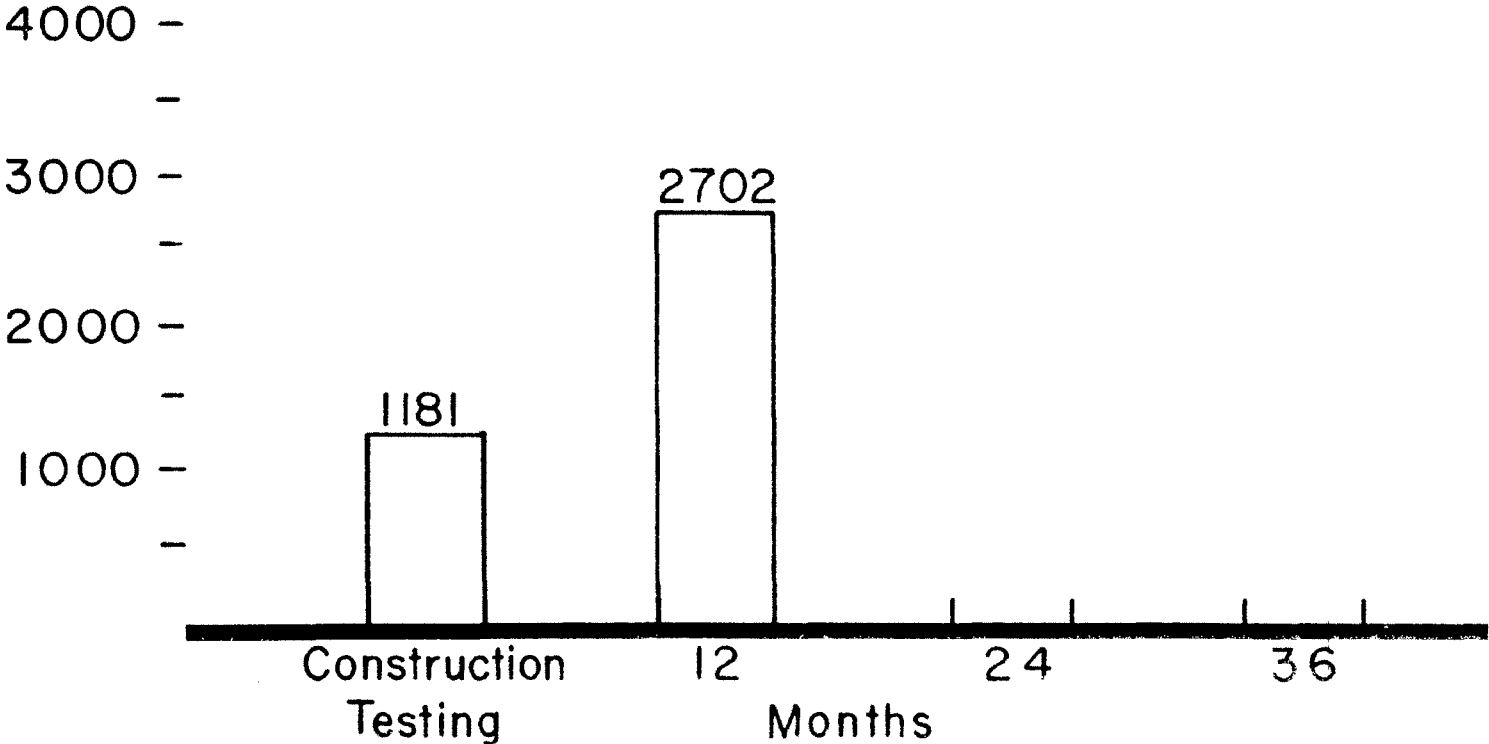


WILDCAT TO PINE CREEK I-IR-15-3(18)121
 Southbound Lanes Construction Data 1979
 0% Recycled 100% New Material

Sample No.	Viscosity At 140°F	Viscosity At 275°F	Penetration	Ductility At 39.2°F	Percent Air Voids	Stability	Flow	Percent Asphalt Cement	Density
14	1099	288	115	92	4.4	3150	23	5.37	93%
23	1006	237	109	77	4.4	3055	19	6.10	94%
42	1391	291	106	100+	6.3	2930	18	5.35	93%
43	1227	300	112	100+	4.2	3120	20	6.77	93%
\bar{X}	1181	279	110	92	4.8	3066	20	5.90	93%
	3/4	1/2	3/8	#4	#8	#16	#50	#200	
14	100	87.6	71.5	48.4	35.3	26.5	15.3	8.6	
23	100	91.4	79.7	56.6	41.3	30.0	16.9	9.5	
42	100	90.1	79.2	60.7	44.6	32.0	18.0	10.1	
43	100	93.5	82.1	62.1	44.1	31.2	17.3	9.6	
\bar{X}	100	90.7	78.1	56.9	41.3	29.9	16.9	9.4	

Southbound Lanes
VISCOSITY AT 140°F

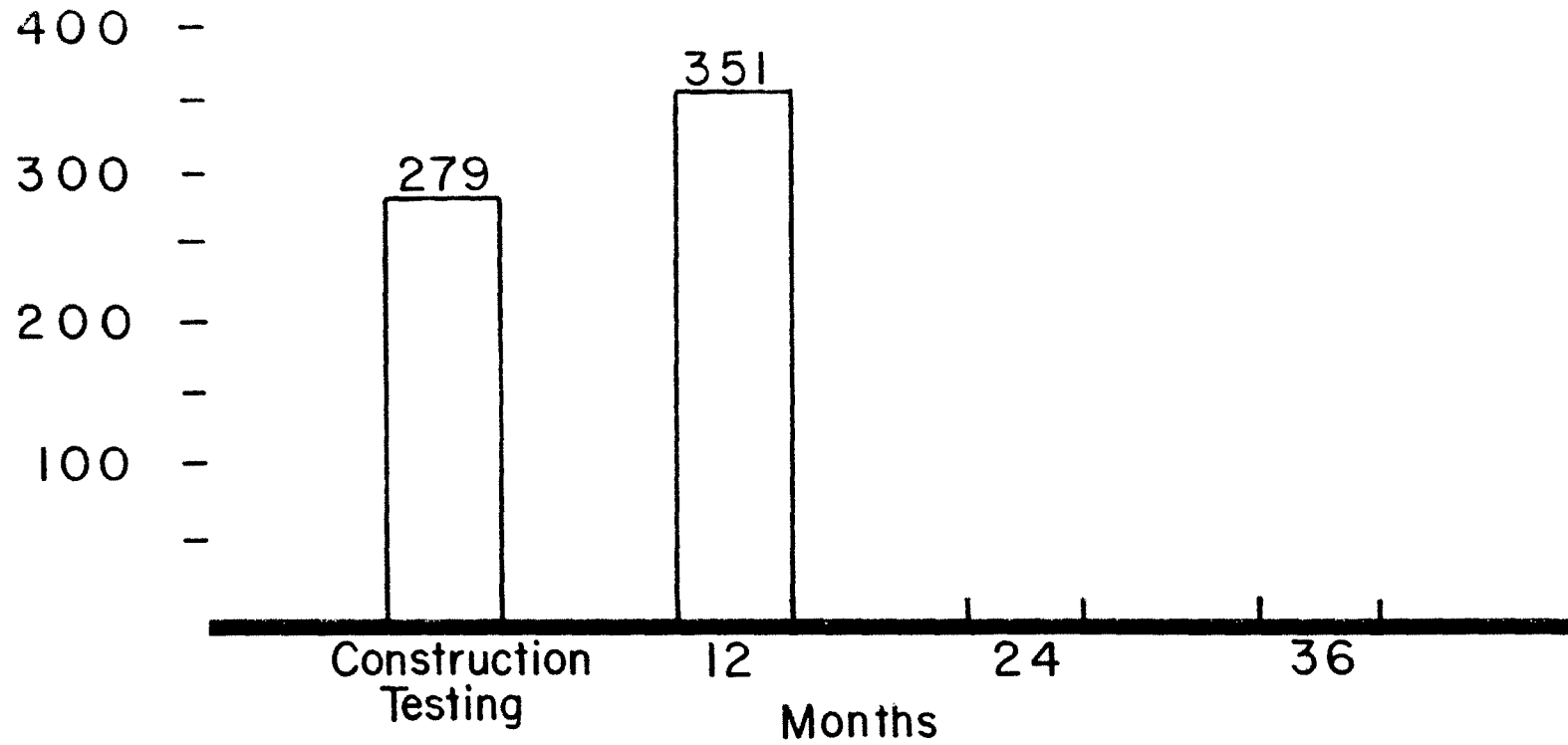
0% Recycled 100% New Material



Southbound Lanes

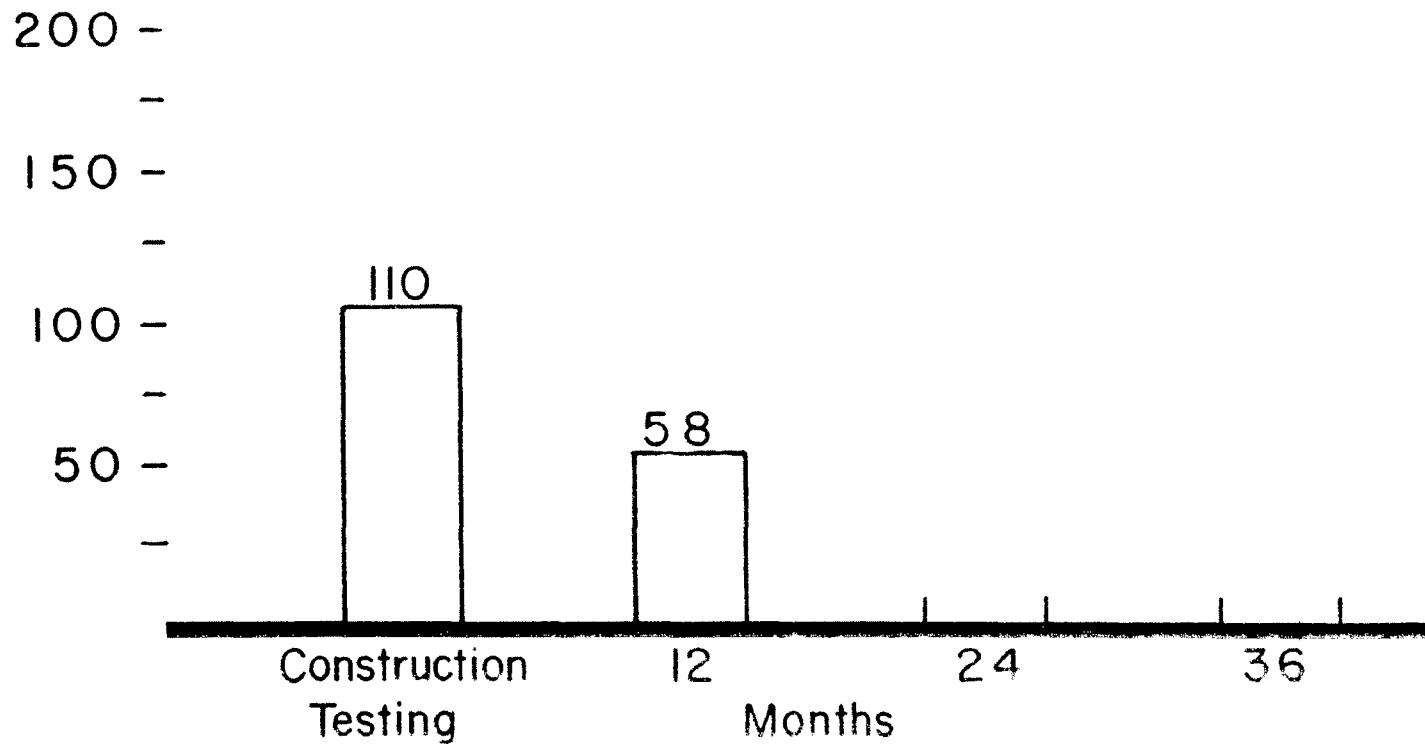
VISCOSITY AT 275°F

0 % Recycled 100 % New Material



Southbound LANE
PENETRATION

0% Recycled 100% New Material

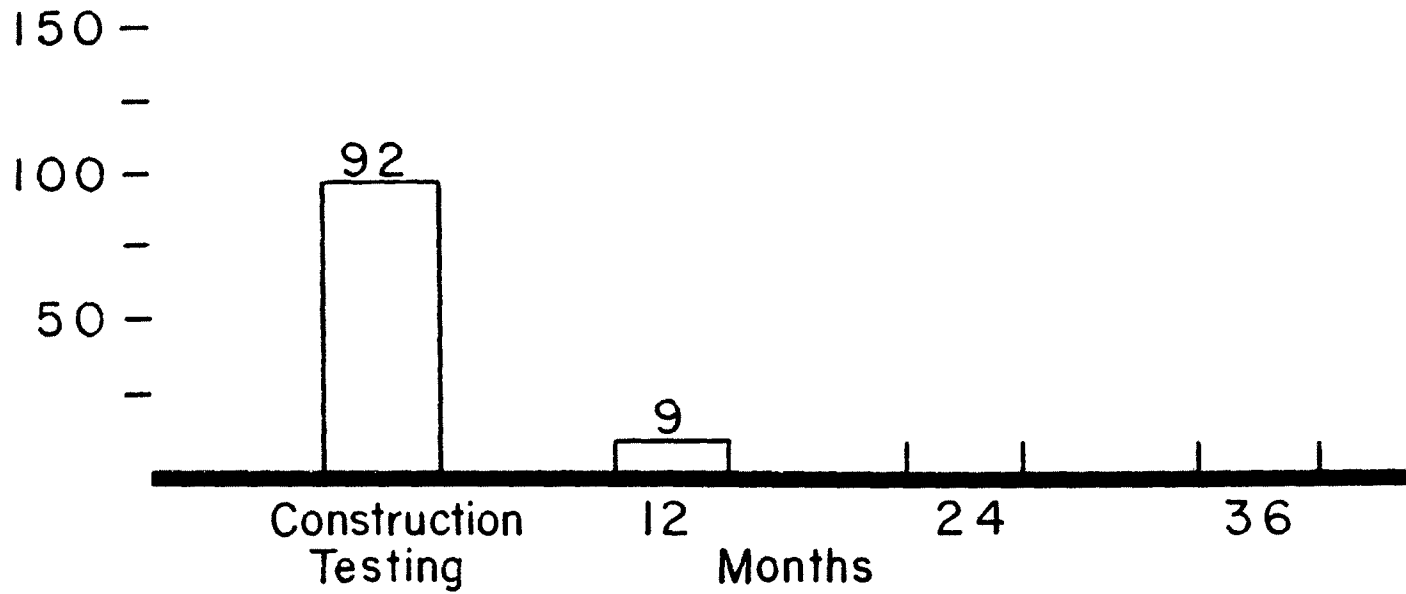


Southbound Lane

DUCTILITY AT 39.2°F

0% Recycled

100% New Material

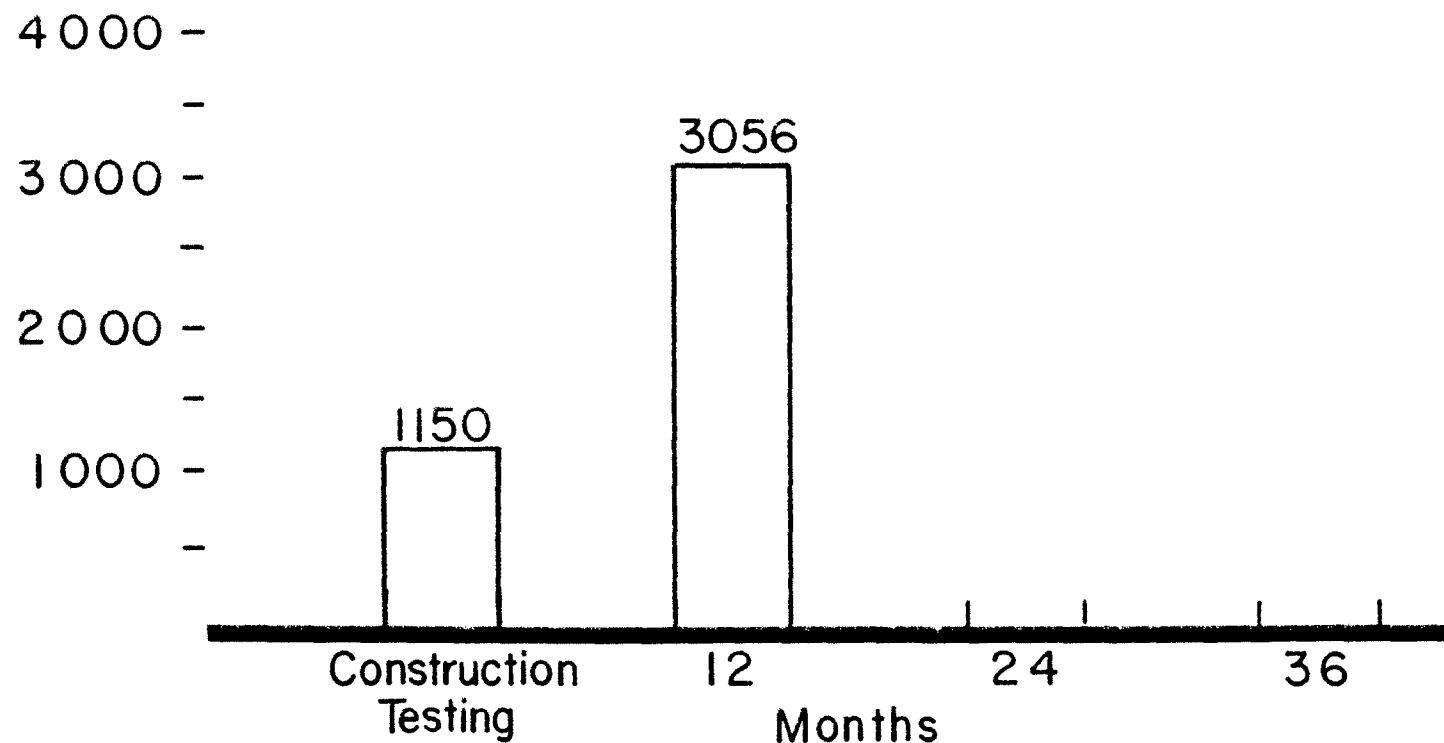


WILDCAT TO PINE CREEK I-IR-15-3(18)121
 Southbound Lanes Construction Data 1979
 80% Recycled 20% New Material

Sample No.	Viscosity At 140°F	Viscosity At 275°F	Penetration	Ductility At 39.2°F	Percent Air Voids	Stability	Flow	Percent Asphalt Cement	Density
5	1230	273	82	24	3.0	3293	19	5.75	92%
6	973	237	94	20	4.3	3648	21	5.59	92%
11	1450	270	68	10	3.4	3660	21	5.58	92%
18	1296	255	88	43	4.3	3334	22	6.33	95%
37	891	234	102	27	2.5	2874	20	5.93	94%
38	1062	243	80	14	2.9	3975	16	4.89	94%
\bar{X}	1150	252	86	23	3.4	3464	20	5.54	93%
	3/4	1/2	3/8	# 4	# 8	# 16	# 50	# 200	
5	100	90.3	79.3	55.0	41.7	32.5	19.6	11.4	
6	100	87.6	77.1	54.9	41.5	31.9	20.6	12.3	
11	100	84.3	72.0	51.1	39.1	30.6	17.7	9.9	
18	100	89.1	77.7	52.8	38.8	29.4	16.2	8.4	
37	100	92.1	82.9	57.4	42.0	32.4	19.5	11.5	
38	100	88.5	77.7	55.1	41.6	32.5	19.3	10.9	
\bar{X}	100	88.6	77.8	54.4	40.8	31.5	18.8	10.7	

Southbound Lanes
VISCOSITY AT 140°F

80% Recycled 20% New Material

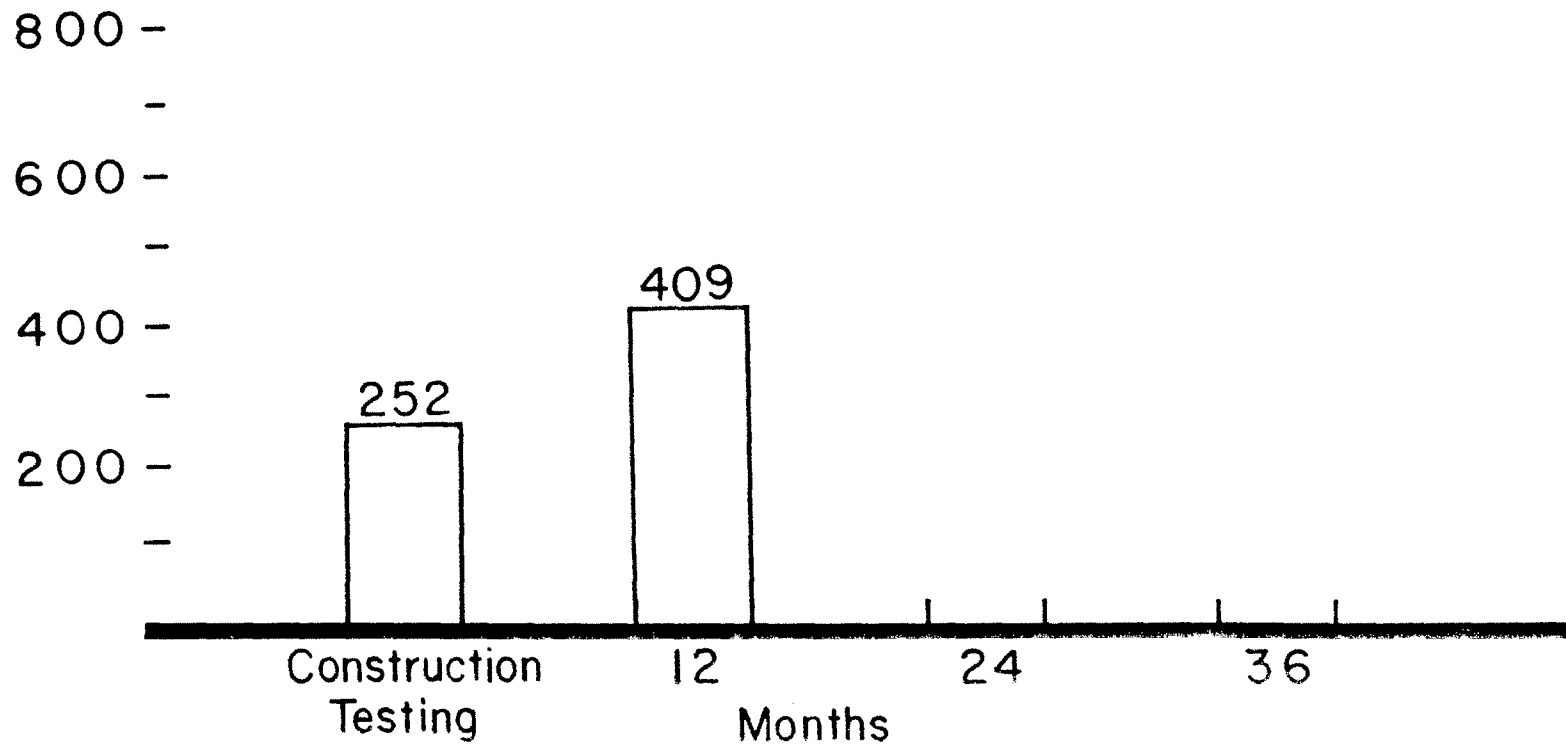


WILDCAT TO PINE CREEK

I-IR-15-3(18)121

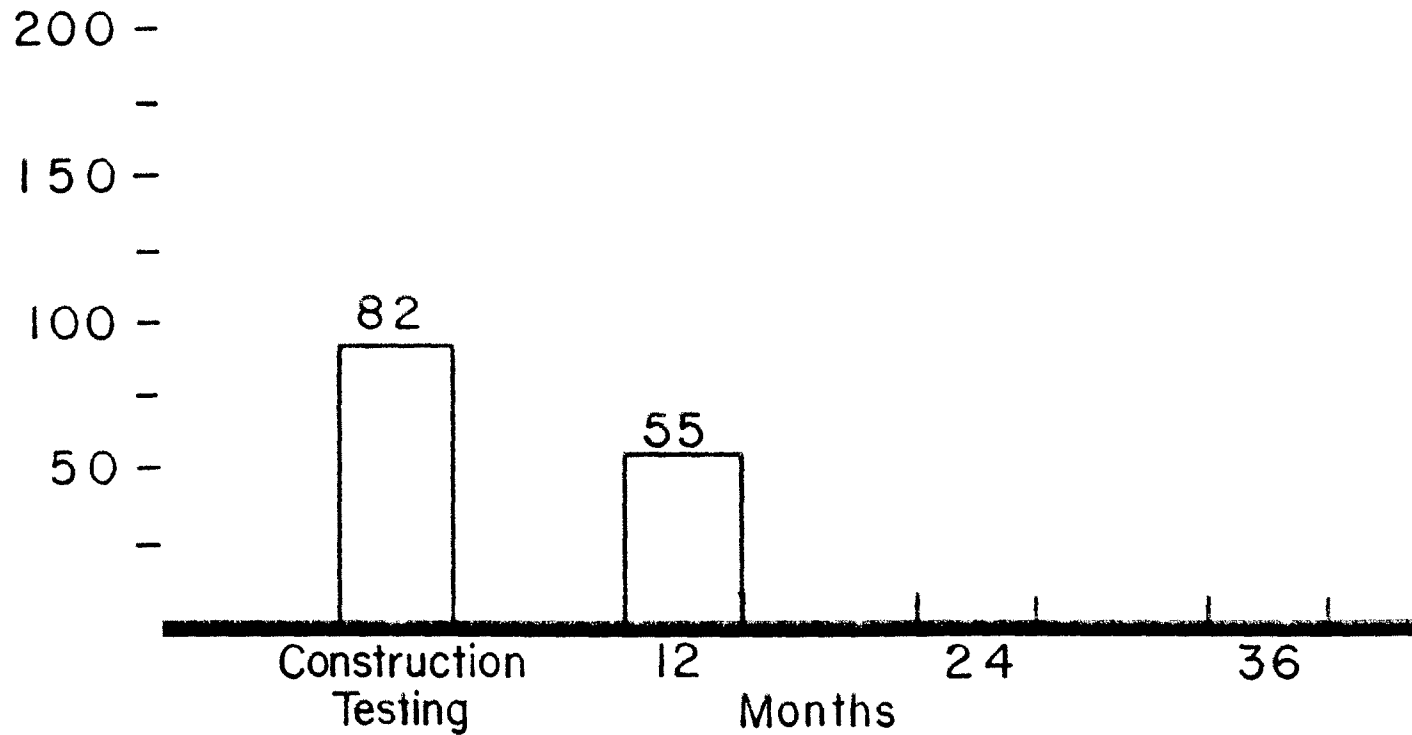
Southbound Lanes
VISCOSITY AT 275°F

80 % Recycled 20% New Material



Southbound Lanes
PENETRATION

80% Recycled 20% New Material

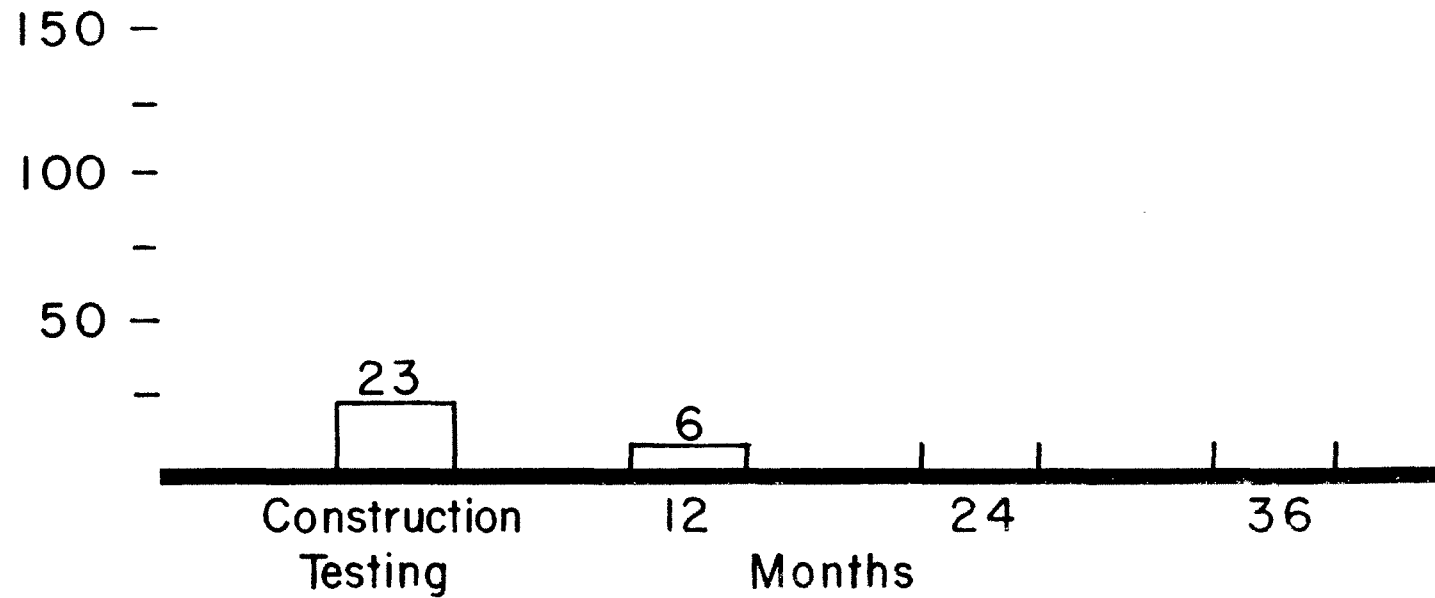


WILDCAT TO PINE CREEK

I-IR-15-3(18)121

Southbound Lanes
DUCTILITY AT 39.2°F

80% Recycled 20% New Material



WILDCAT TO PINE CREEK I-IR-15-3(18) 121
 Southbound Lanes Construction Data 1979
 70% Recycled 30% New Material

Sample	Viscosity At 140 °F	Viscosity At 275 °F	Penetration	Ductility At 39.2 °F	Percent Air Voids	Stability	Flow	Percent Asphalt Cement	Density
	1010	225	114	65	2.6	3466	21	5.75	94%
	981	219	119	100+	2.2	3431	20	5.08	94%
	1096	240	94	29	2.6	3223	23	6.10	94%
	1290	258	82	21	2.2	3522	22	5.94	95%
	1081	213	94	67	3.1	2888	19	6.14	94%
	1025	228	92	48	—	—	—	6.33	95%
	1120	252	90	49	—	—	—	6.05	95%
	1058	249	115	97	2.6	2761	22	6.39	94%
	936	232	122	100+	—	—	—	6.70	94%
	1227	252	100	36	—	—	—	5.48	94%
	1014	234	123	100+	—	—	—	6.33	94%
	999	225	114	100+	—	—	—	6.01	95%
	830	210	122	37	2.6	3881	14	5.60	94%
	942	234	100	23	2.4	3517	18	6.35	94%
	1043	234	106	62	2.5	3336	20	5.99	94%
	3/4	1/2	3/8	# 4	# 8	# 16	# 50	#200	
	100	92.0	80.0	54.0	39.3	31.0	18.6	10.7	
	100	92.5	80.1	54.7	38.9	28.9	15.4	7.2	
	100	90.0	77.6	53.9	40.3	30.9	18.5	11.2	
	100	93.8	84.9	65.7	49.4	36.3	19.2	9.9	
	100	84.5	69.0	44.1	32.8	25.8	15.9	8.9	
	100	90.8	80.2	57.5	43.7	33.5	19.4	10.7	
	100	90.3	78.1	53.6	40.3	30.7	18.6	11.4	
	100	90.6	80.5	56.6	42.5	32.4	18.0	9.4	
	100	90.0	78.1	54.0	40.4	30.3	16.6	8.9	
	100	84.5	72.3	47.8	35.3	27.3	16.0	8.0	
	100	91.9	82.2	56.3	41.7	32.3	19.7	11.2	
	100	88.0	75.7	50.7	37.2	28.9	17.6	10.2	
	100	87.7	80.1	60.6	46.0	35.1	19.5	10.7	
	100	90.4	80.8	57.5	43.2	33.2	19.0	10.5	
	100	89.8	78.5	54.8	40.8	31.2	18.0	9.9	

WILDCAT TO PINE CREEK

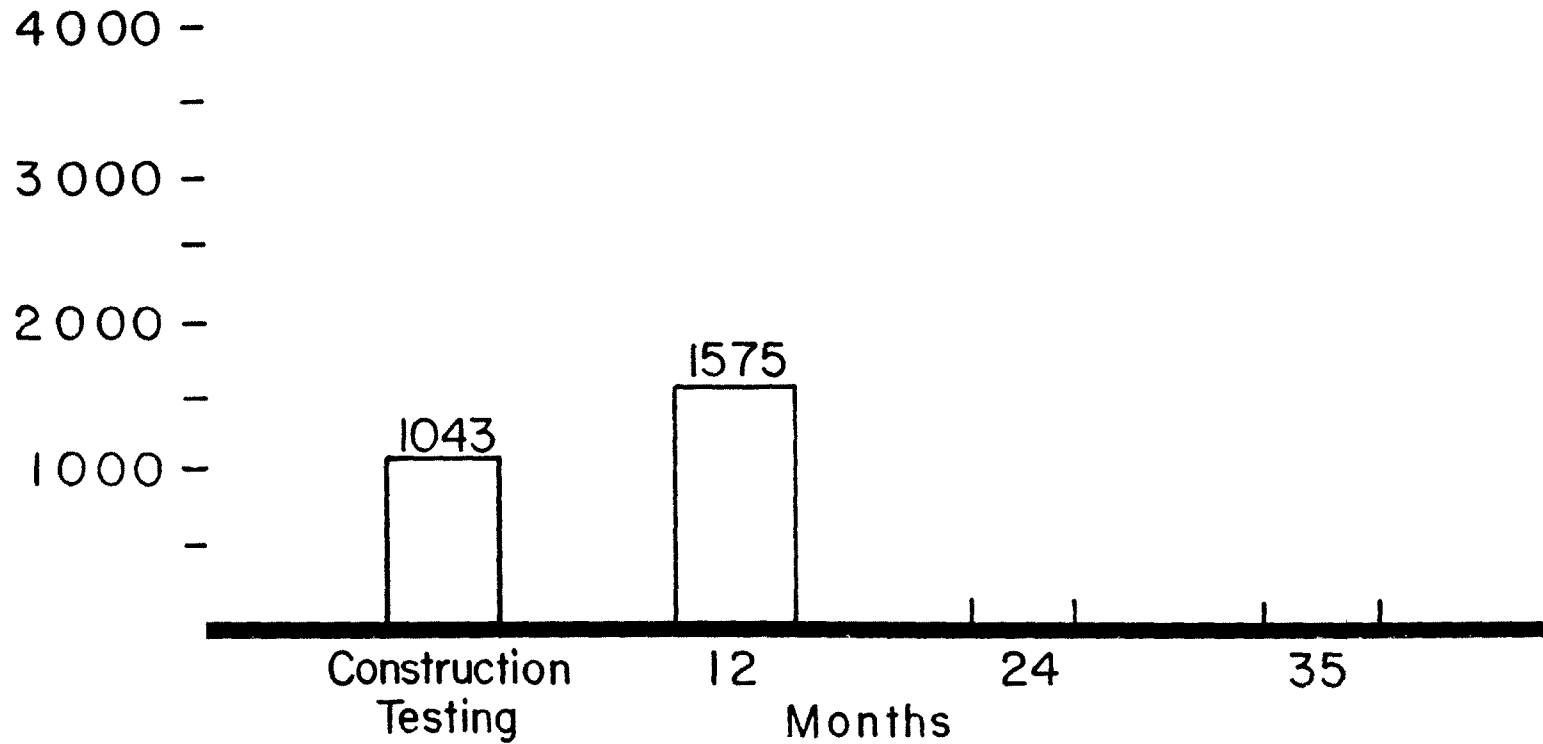
I-IR-15-3(18)121

Southbound Lanes

VISCOSITY AT 140°F

70% Recycled

30% New Material

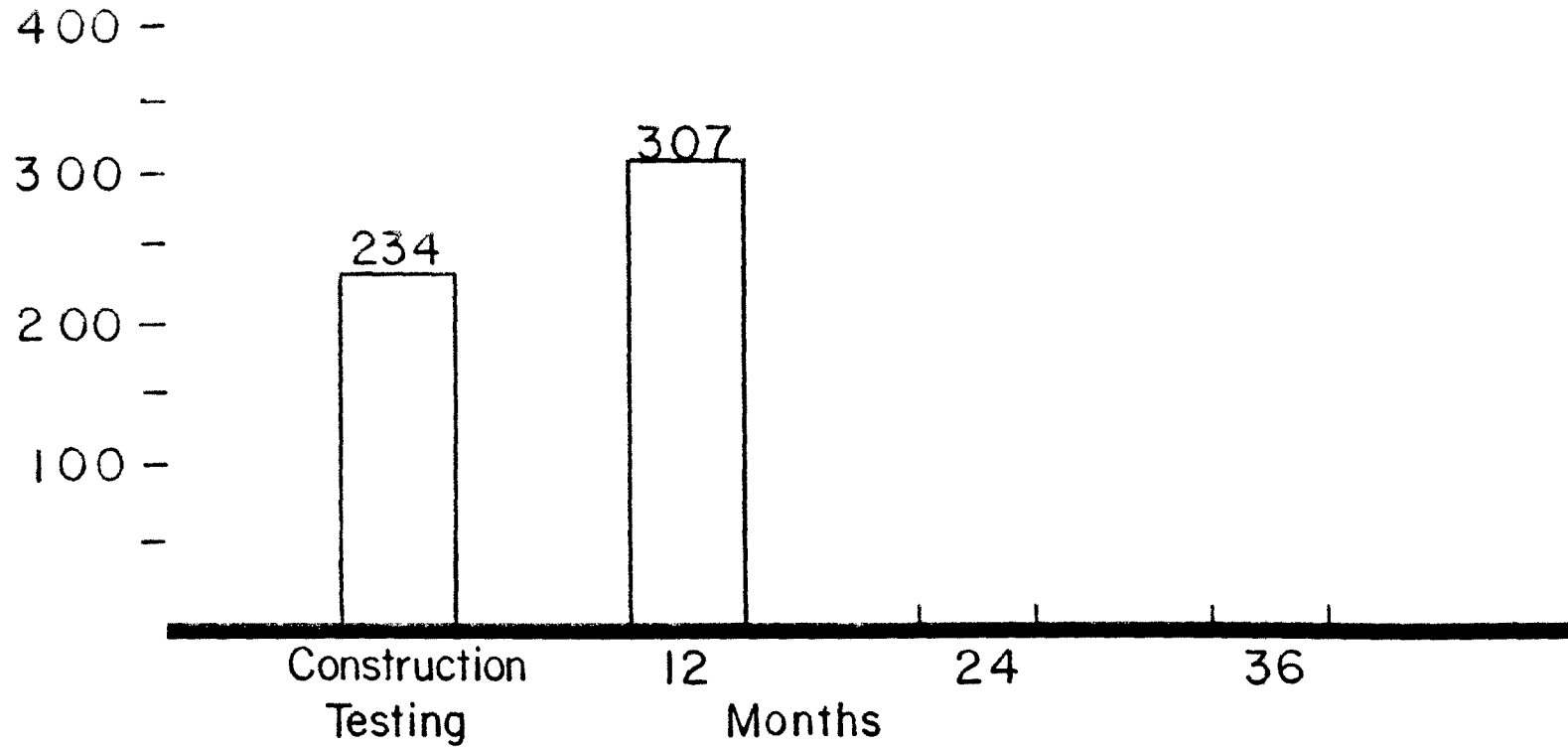


Southbound Lanes

VISCOSITY AT 275°F

70% Recycled

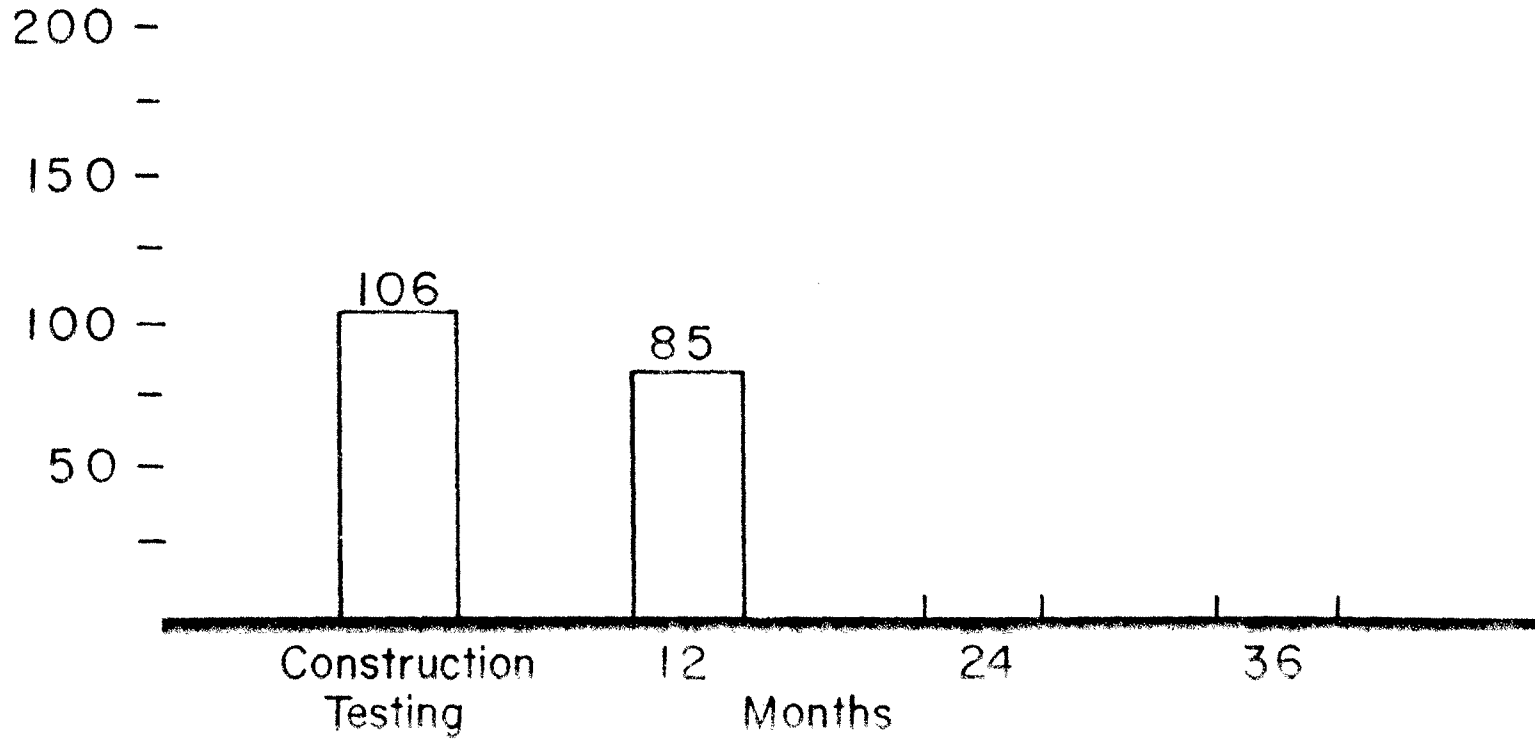
30% New Material



Southbound Lanes
PENETRATION

70% Recycled

30% New Material



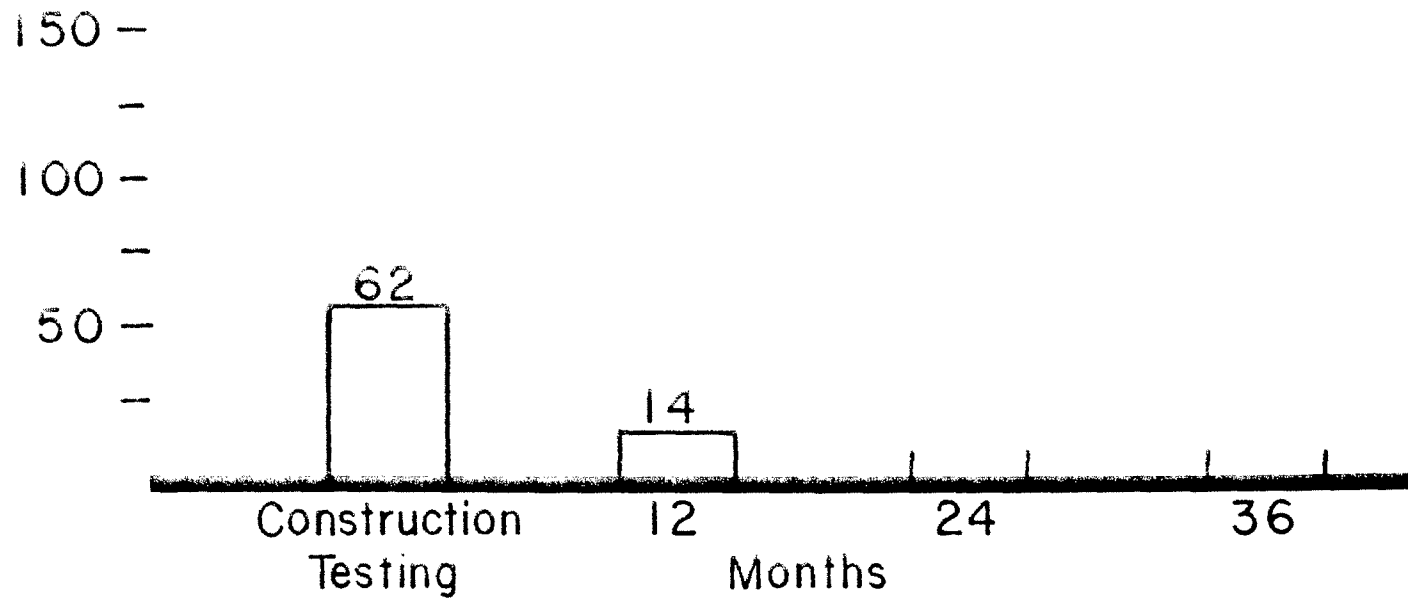
Southbound

Lanes

DUCTILITY AT 39.2°F

70% Recycled

30% New Material

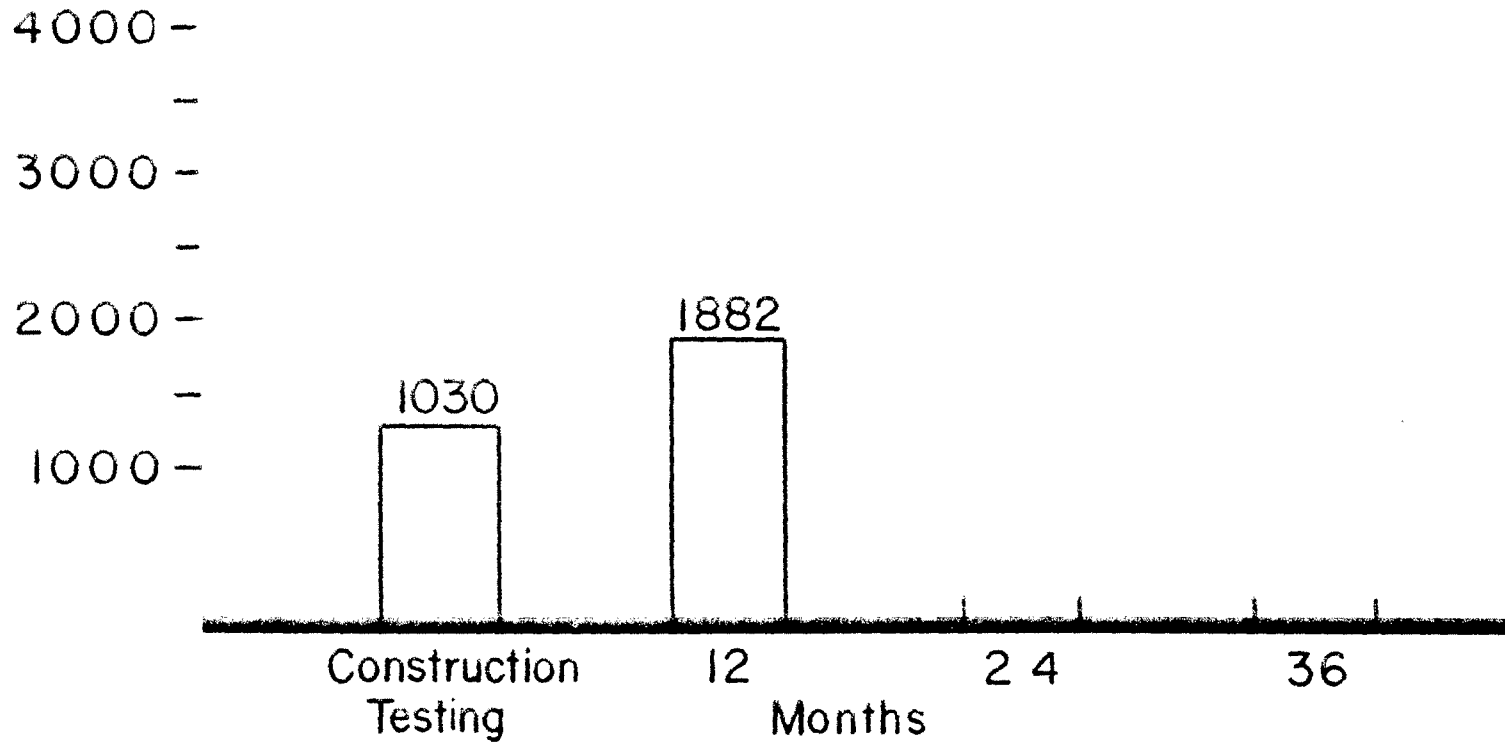


WILDCAT TO PINE CREEK I-IR-15-3(18)121
 Southbound Lanes Construction Data 1979
 60% Recycled 40% New Material

Sample No.	Viscosity At 140°F	Viscosity At 275°F	Penetration	Ductility At 39.2°F	Percent Air Voids	Stability	Flow	Percent Asphalt Cement	Density
7	809	228	104	43	4.3	3322	20	4.86	92%
8	1013	243	86	23	3.9	3734	21	5.89	92%
15	1049	228	105	75	3.0	3332	23	5.69	93%
19	1105	240	94	43	4.3	3751	19	5.24	95%
20	984	231	100	46	3.9	3636	16	4.57	95%
39	1144	256	107	100+	3.3	3309	19	6.23	94%
40	967	243	120	100+	3.8	3314	16	5.91	93%
44	1150	261	100	47	3.2	3456	20	6.10	93%
45	1237	246	99	10	3.6	3193	18	5.39	93%
46	900	219	121	100+	3.1	3284	18	5.36	94%
47	916	225	117	90	2.4	3041	22	5.57	94%
48	1059	246	90	47	3.7	3214	19	5.45	93%
49	1052	237	89	38	4.4	3556	19	5.19	93%
\bar{X}	1030	239	102	63	3.6	3395	19	5.50	93%
	3/4	1/2	3/8	# 4	# 8	# 16	# 50	#200	
7	100	87.9	77.4	53.0	41.7	32.6	20.5	12.8	
8	100	87.5	76.3	53.7	40.2	30.6	17.1	9.5	
15	100	88.0	75.8	51.8	38.7	29.9	17.8	5.3	
19	100	90.6	77.8	51.9	38.9	29.8	17.7	10.6	
20	100	87.4	76.3	52.5	39.3	30.3	18.0	10.6	
39	100	92.4	83.0	58.9	43.8	33.5	19.2	10.7	
40	100	87.9	78.6	56.6	41.3	31.0	18.0	10.1	
44	100	91.4	79.5	54.5	40.8	31.3	17.7	9.2	
45	100	89.3	80.9	60.9	46.6	35.4	20.4	11.8	
46	100	90.7	80.6	56.8	42.3	32.1	17.8	9.7	
47	100	85.9	73.3	49.9	37.7	29.4	17.3	9.9	
48	100	90.6	84.0	64.0	48.0	35.8	19.8	10.9	
49	100	91.3	81.8	60.9	46.3	34.7	19.0	10.5	
\bar{X}	100	89.3	78.9	52.1	42.0	32.0	18.5	10.1	

Southbound Lane
VISCOSITY AT 140°F

60% Recycled 40% New Material



WILDCAT TO PINE CREEK

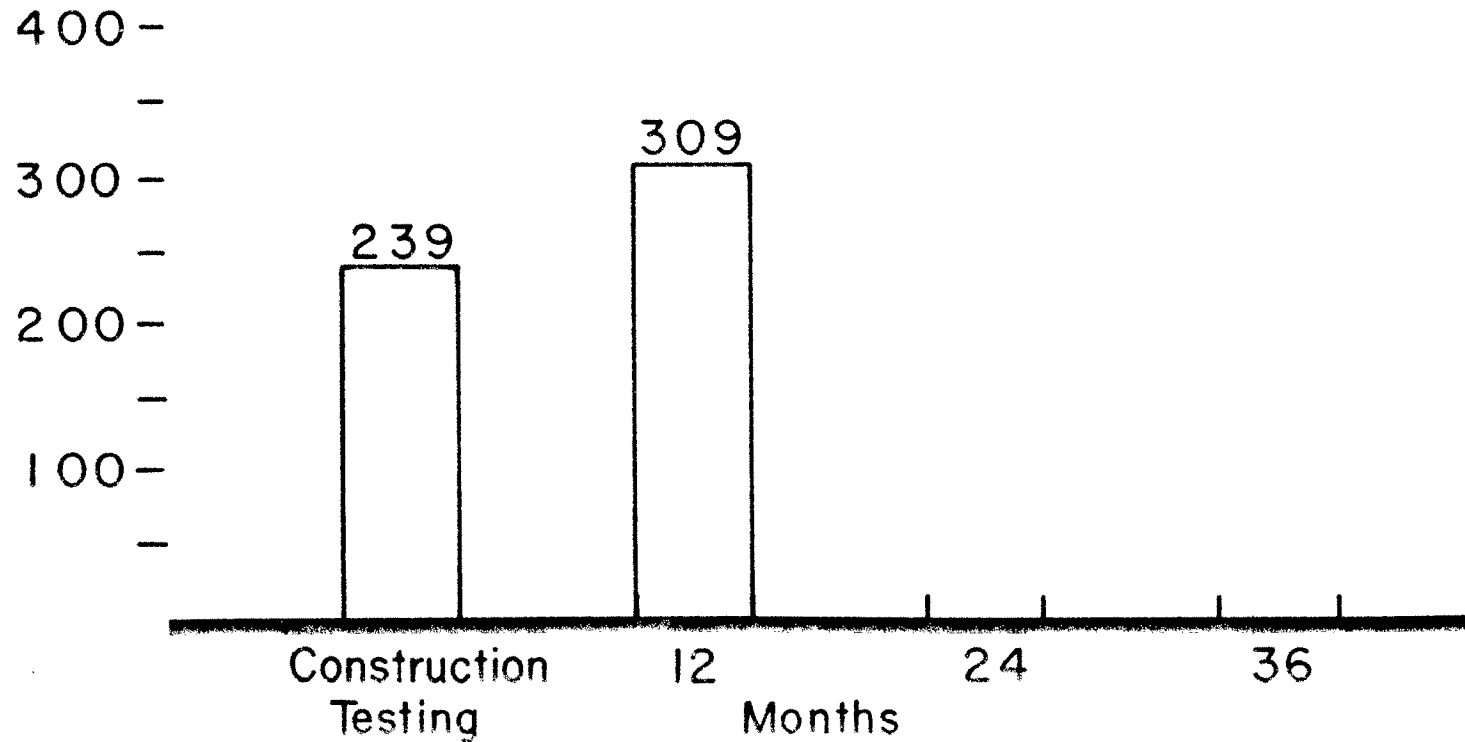
I-IR-15-3(18)121

Southbound Lanes

VISCOSITY AT 275°F

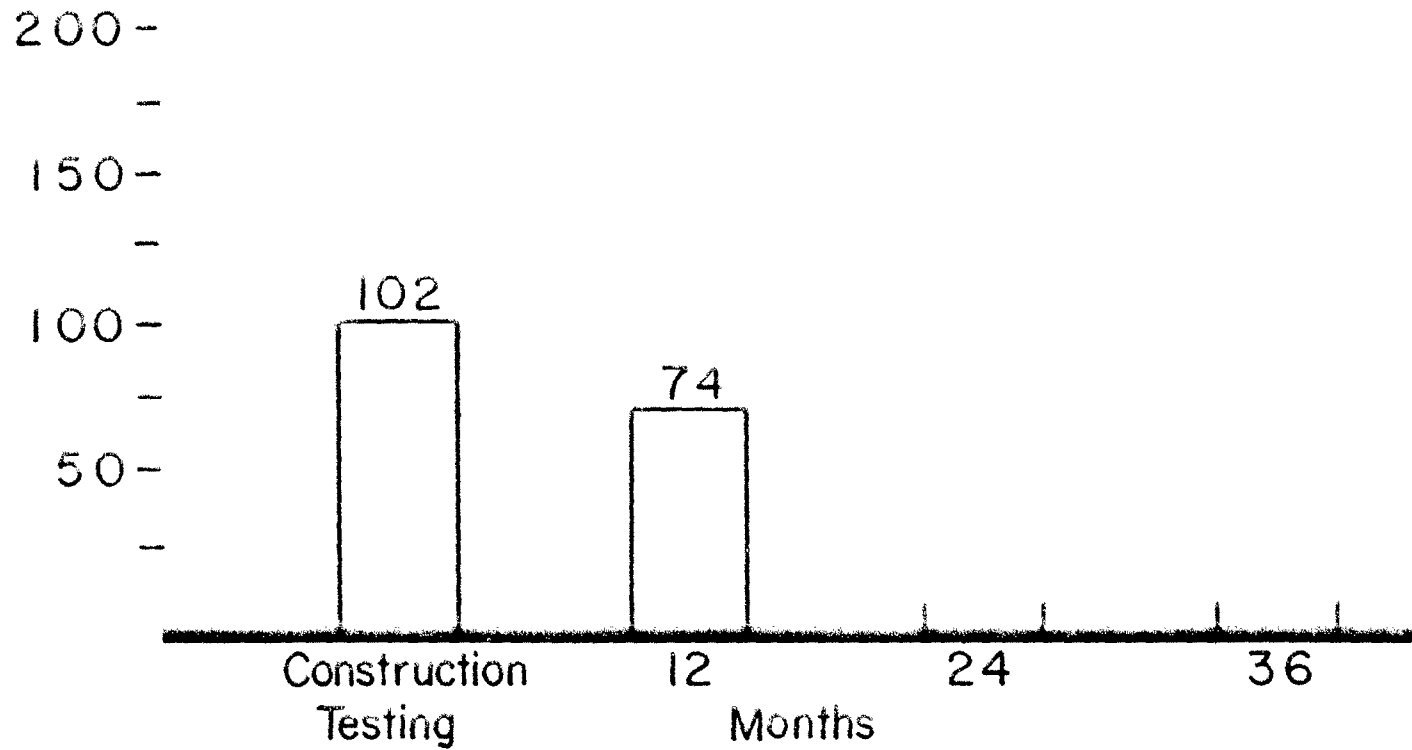
60% Recycled

40° New Material



Southbound Lanes
PENETRATION

60% Recycled 40% New Material



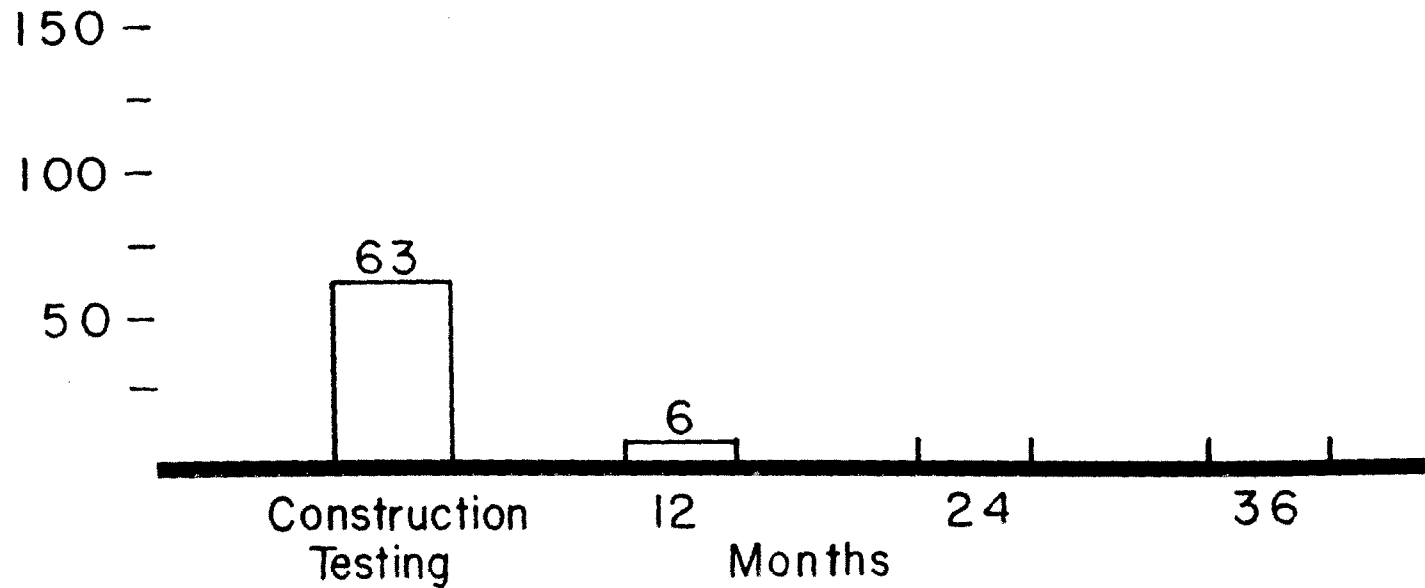
WILDCAT TO PINE CREEK

I-IR-15-3(18)121

Southbound Lanes

DUCTILITY AT 39.2°F

60 % Recycled 40 % New Material

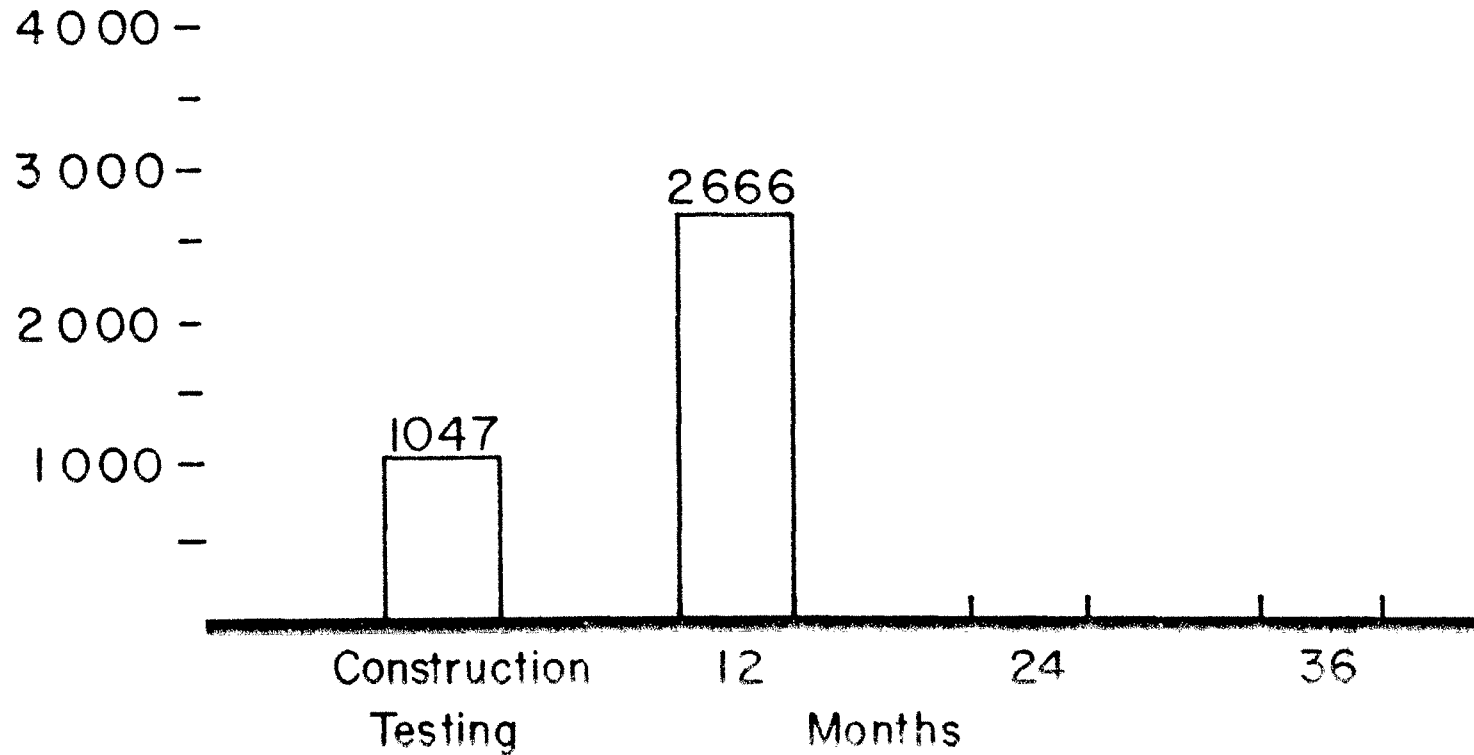


WILDCAT TO PINE CREEK I-IR-15-3(18)121
 Southbound Lanes Construction Data 1979
 50% Recycled 50% New Material

Sample No.	Viscosity At 140°F	Viscosity At 275°F	Penetration	Ductility At 39.2°F	Percent Air Voids	Stability	Flow	Percent Asphalt Cement	Density
12	1162	249	95	33	3.5	3432	19	5.68	93%
13	1154	249	103	45	3.9	3843	20	5.03	93%
21	966	213	135	100+	5.6	3034	19	5.22	94%
22	986	261	104	62	5.2	3496	24	5.74	94%
41	967	237	104	45	3.1	3113	17	5.87	93%
\bar{X}	1047	242	108	57	4.3	3384	20	5.51	93%
	3/4	1/2	3/8	# 4	# 8	# 16	# 50	# 200	
12	100	86.2	74.5	49.8	35.5	25.7	12.2	4.5	
13	100	93.8	84.7	61.1	44.8	33.3	18.9	10.8	
21	100	88.8	79.0	55.5	41.4	32.0	20.8	14.5	
22	100	88.5	77.7	53.7	39.7	30.1	17.8	8.1	
41	100	91.8	85.2	63.9	47.9	35.5	19.9	11.0	
X	100	89.8	80.2	56.8	41.9	31.3	17.9	9.8	

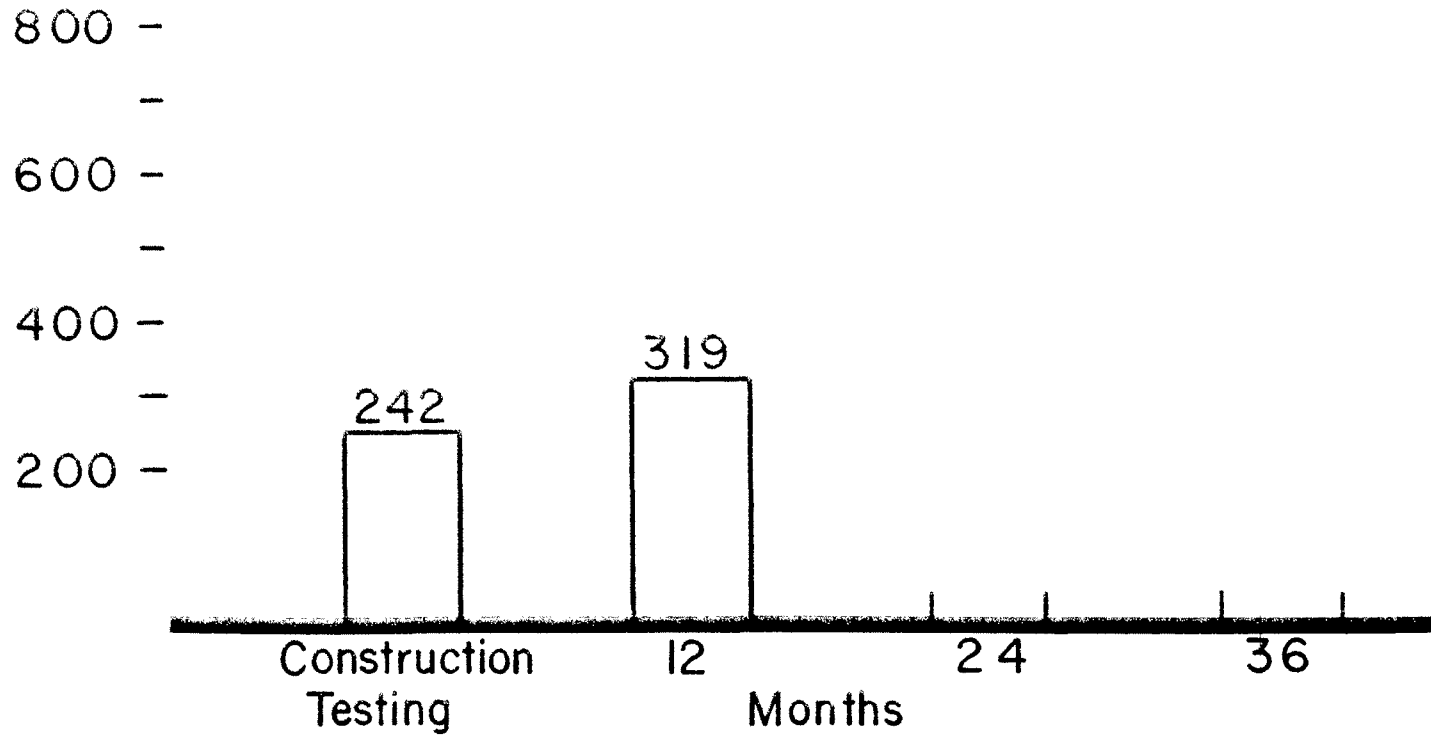
Southbound Lanes
VISCOSITY AT 140° F

50% Recycled 50% New Materials



Southbound Lanes
VISCOSITY AT 275°F

50% Recycled 50% New Material

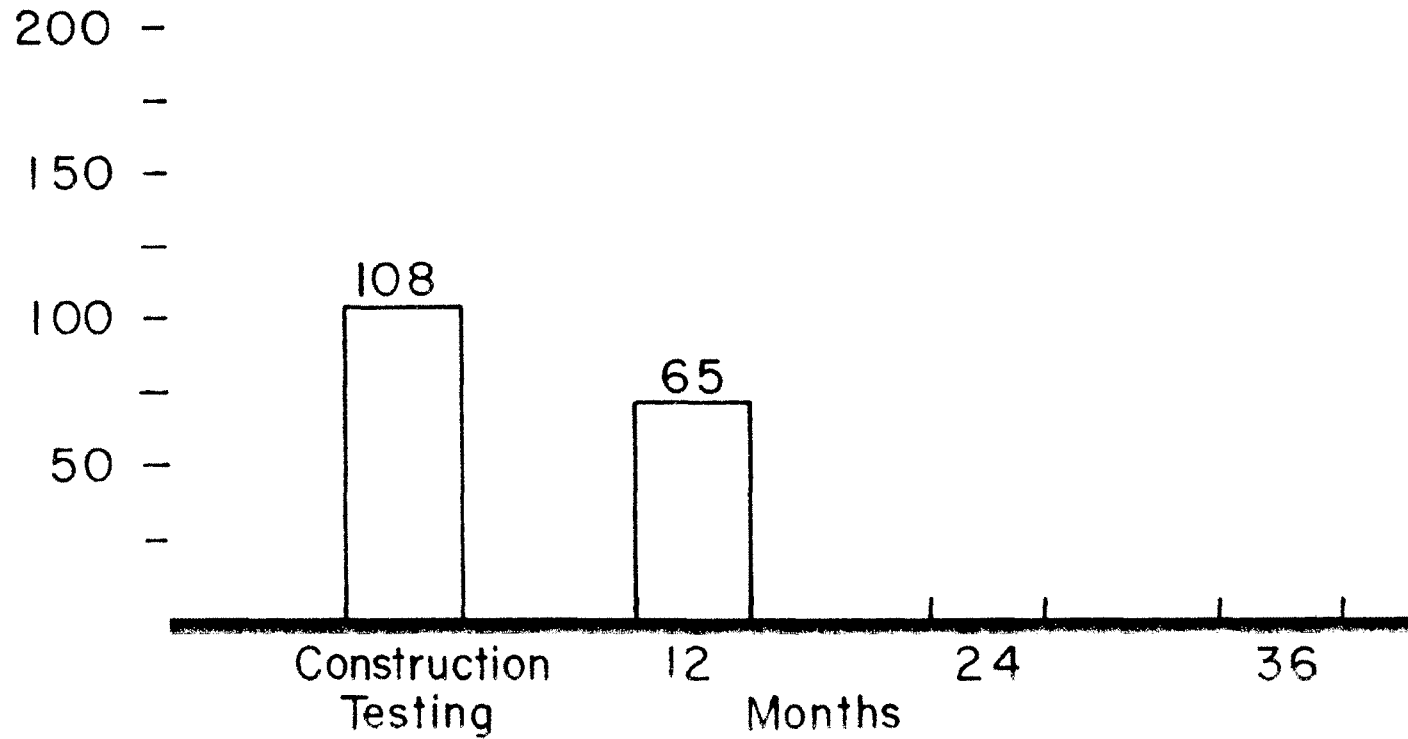


WILDCAT TO PINE CREEK

I-IR-15-3(18)121

Southbound Lanes
PENETRATION

50% Recycled 50% New Material



Southbound Lanes

DUCTILITY AT 39.2 °F

50% Recycled

50% New Material

