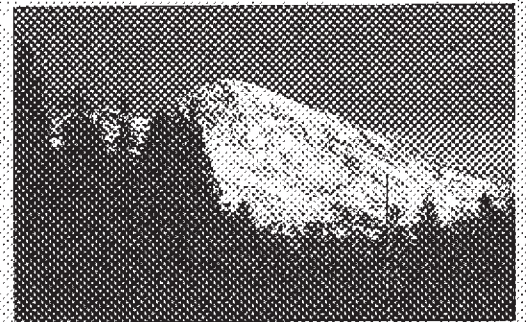
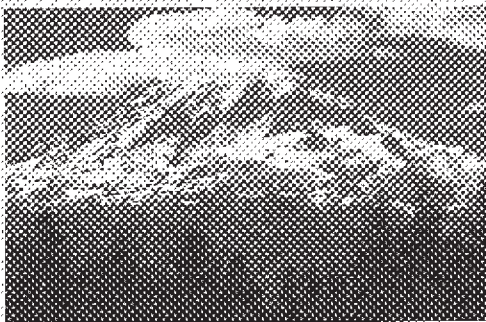


The Road Inventory D-333
 of
 Mount Rainier National Park



national park service

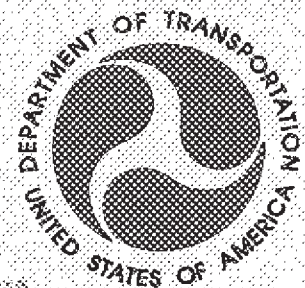


Road Inventory Program

Prepared By:

Federal Highway Administration
 Eastern Federal Lands Highway Division
 December 1998

PLEASE RETURN TO:
 TECHNICAL INFORMATION CENTER
 DENVER SERVICE CENTER
 NATIONAL PARK SERVICE





U. S. Department
of Transportation

**Federal Highway
Administration**

Eastern Federal Lands
Highway Division

21400 Ridgeway Circle
Sterling, VA 20166-6511

JAN 27 1999

Refer to: HTS-15

Mr. William J. Briggie
Superintendent
Mount Rainier National Park
National Park Service
Tacoma Woods, Star Route
Ashford, WA 98304-9751

Dear Mr. Briggie:

Enclosed for your use are five copies of the final Road Inventory Report for the Mount Rainier National Park, prepared by the Federal Highway Administration's Road Inventory Program (RIP) Team.

Overall, the condition of the roads in the Park range from good to poor. A total of only 4.16 miles of roadway (4.7%) in the Park were identified as poor condition. The majority of the roads (75.4%) in the Park were rated as fair. Any road with a Pavement Condition Rating (PCR) of less than 60 is rated as poor. The poor rated roads are primarily located on Route 014 (Nisqually-Paradise Road) at miles 5, 6, 11, and 13. Route 205, Cougar Rock Campground Road, was also rated as poor. The low ratings are due to a high incidence of transverse cracking and rutting. Many of the poor rated roads were just below the 60 rating threshold for a poor rating. The transverse cracking is the distress factor that is causing the low ratings. The PCR values will help you identify and prioritize the roads requiring repairs. In calculating the PCR's we have used a new computer program that automatically counts and classifies each pavement crack. This has significantly reduced the number of man hours in the report production and has given very repeatable results.

We have also enclosed one copy of the video tape and one CD with the collected data for the Park. If additional copies are required, please advise.

Again, we thank you for your cooperation and assistance provided by you and your staff in helping us with this endeavor. Please direct all your comments and recommended changes to the report to Mr. James A. Amenta, RIP Coordinator, at (703) 285-0076.

Sincerely yours,

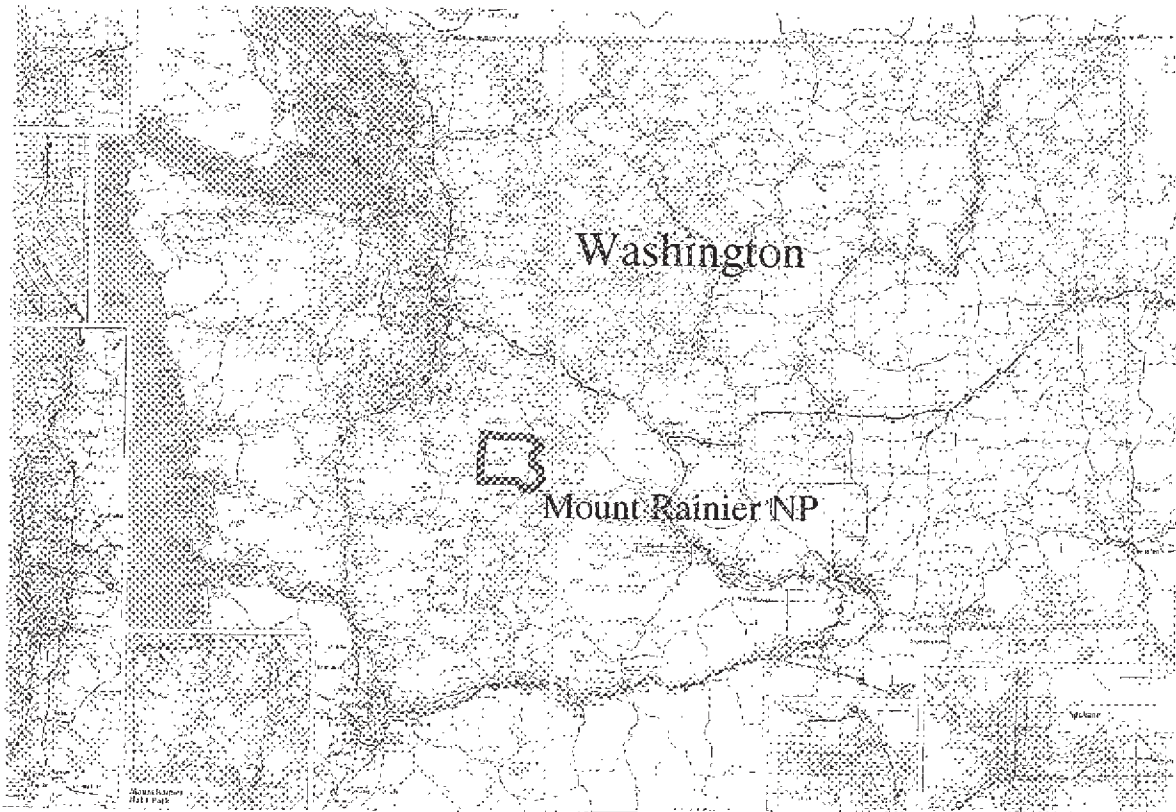
Ad 
Gary L. Klindedinst
Division Engineer

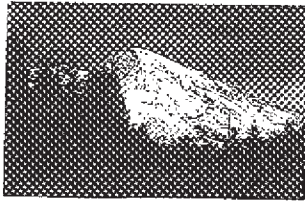
Enclosures

cc:

- Mr. Mark Hartsoe, NPS RIP Coordinator, NPS, Washington, DC (w/enclosure)
- Mr. Bill Cottrill, DSC RIP Coordinator, NPS, Denver, CO (w/ 2 copies of the enclosure)
- Mr. Dave Kruse, FLHP Coordinator, NPS, San Francisco, CA (w/enclosure)
- Mr. Jim Kennedy, CFLHD, RIP Team Leader, Denver, CO (w/enclosure)
- Mr. Arthur E. Hamilton, FLH Program Administrator, FLHO, Washington, DC (w/enclosure)
- Ms. Carol Jacoby, Division Engineer, WFLHD, Vancouver, WA (w/enclosure)

Mount Rainier National Park in Washington





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INTRODUCTION

Background: In July 1976, amended December 1980, the National Park Service (NPS) and the Federal Highway Administration (FHWA) entered into a Memorandum of Agreement (MOA), establishing the Road Inventory Program (RIP). The purpose of RIP, per the 1980 MOA, was to develop long range and short range costs and programs to bring NPS roads up to, or to maintain, designated standards; as well as provide a database so the NPS can revise their Maintenance Management System, if necessary. A supplementary Project Agreement, Number DTFH71-98-X-00005, was prepared and signed by the FHWA and the NPS to coordinate the project roles and responsibilities, funding requirements, and define the deliverables for the completion of Cycle 2 (January 1998 to January 2000).

Since 1984 the funding has been derived from the NPS FLHP (Title 23) planning funds, and coordinated by the National Park Service Park Facility Management Division. The need for a total road information database was mandated by the requirements for a continuing, comprehensive, and coordinated (3-C) planning process, and Maintenance Management System.

Federal Lands Highway (FLH) was assigned the task to inventory maintenance items (pavement type and quantities, location of culverts, ditches, guardrail, etc.), identify pavement distresses and evaluate the condition of existing park roads, summarize the data and findings in a report, and provide a video log of the NPS roads system.

Objective: The objective of the RIP report is to provide NPS personnel at all levels, with the basic information needed for effective road and road system planning, management, operations, and maintenance.

These reports are prepared in standard format and content with comprehensive data analysis for each park, which will replace the old Brown Books. The data presented in each report will vary greatly from park to park, but the presentation of the report will be uniform in format and will become a seamless document throughout the NPS roads system, displaying site specific data for each park.

Scope: RIP is a national program coordinated by the Eastern Federal Lands Highway Division (EFLHD) of the FHWA. The FHWA goal for the paved park roads is to provide timely, cost effective, and accurate roadway inventories and pavement surveys of all the National Park Roads. Dissemination of this data to the NPS will provide them with a data base upon which they can develop a funding and maintenance management program to maintain roadway standards of the National Park System to prevent further deterioration over the next five years.

In an effort to track the condition of the park roads, a cyclic data collection and reporting process was implemented for all parks and regions. Monitoring the condition and system performance of the paved roads over time using a percent good, fair, and poor condition

rating provided a realistic means of assessing the funding needs for road improvements. The pavement condition rating system is described in SECTION XIII of this report. This pavement condition performance assessment will determine the level of paved park road deterioration throughout the park road system.

The report will include a Park Summary, a Park Summary Map, a Park Route Inventory, a Maintenance Features Summary, a Paved Route Condition Rating, and a Features Inventory. Also included is a listing of all unpaved routes in each park and various Appendices.

The FHWA RIP team will inspect, rate, inventory the roads, and prepare the final RIP reports for distribution to the NPS. All the field work is coordinated with the site specific park and the regional offices to ensure customer satisfaction. The FHWA Washington Office coordinates policy and prepares national reports and needs assessment studies for Congress.

The FHWA is responsible for all the data presented in this report. Anyone having questions or comments regarding the contents of this report are encouraged to contact the FHWA RIP Coordinator or the NPS RIP Coordinator in your Region.

RIP Coordinator
Technical Services, HTS-15
FHWA/EFLHD
21400 Ridgetop Circle
Sterling, VA 20166
(703) 285-0076

Mount Rainier National Park Summaries

Overall Park Mileage Summary

PARK TOTAL SUMMARY ITEMS	TOTAL	DATE
PAVED ROUTE MILES	88.14	10/98
UNPAVED ROUTE ESTIMATED MILES	27.45	10/98
PAVED AND UNPAVED ROUTE MILES	115.59	10/98
PARKING LOT LANE MILES	25.22	10/98
PAVED LANE MILES	198.30	10/98

Note: Paved Lane Miles includes parking lot areas which have been converted to lane miles using an 11-foot lane width.

Estimated Unpaved Mileage Summary By Functional Class

CLASS	MILEAGE	PERCENTAGE
I	0.00	0
II	20.53	74.79%
III	6.68	24.34%
IV	0.00	0.00%
V	0.00	0.00%
VI	0.24	0.87%
VII	0.00	0
VIII	0.00	0

Mount Rainier National Park Summaries

Cost to Improve to "Excellent" Condition

Based on Historic and Estimated Data

AWARD DATE	SOURCE	WORK PERFORMED	LENGTH (MILES)	COST	COST PER MILE	INITIAL CONDITION
1995-97	FHWA Projects	3-R (Resurfacing)	52.07	\$3,776,479	\$72,527	Good
1995-97	FHWA Projects	3-R (Resurfacing, Restoration, and Rehabilitation) Projects	2.13	\$769,386	\$361,214	Fair
1998	FHWA Current Projects	4-R (Resurfacing, Restoration, Rehabilitation, and Reconstruction) Projects	2.13	\$1,786,619	\$838,788	Poor

Based on the above table, the cost to improve existing condition miles to "Excellent" PCR are:

Existing Condition	Existing Miles	Estimated Cost to Improve
Good	17.57	\$1,274,299
Fair	66.41	\$23,988,222
Poor	4.16	\$3,489,358
Totals	88.14	\$28,751,879

Mount Rainier National Park Summaries

Paved Route Miles and Percentages by Functional Class and PCR

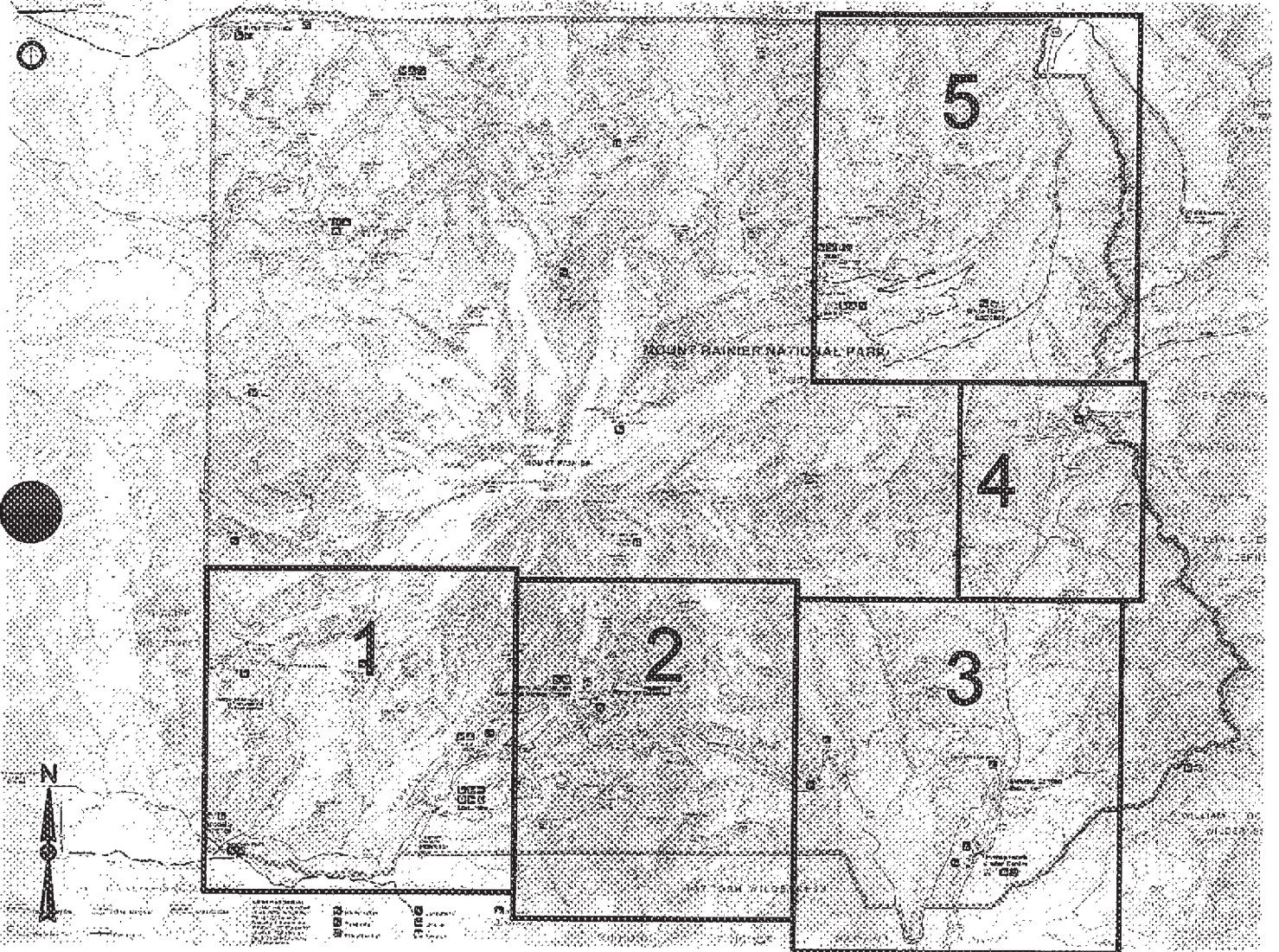
F. C.	Pavement Condition Rating (PCR)								TOTAL MILES
	Excellent (95-100)		Good (85-94)		Fair (81-84)		Poor (<=60)		
	MILES	%	MILES	%	MILES	%	MILES	%	
I	0	0	16.36	21.16%	57.94	74.95%	3.00	3.88%	77.30
II	0	0	0	0	1.46	100.00%	0.00	0.00%	1.46
III	0	0	1.21	20.20%	3.80	63.44%	0.98	16.36%	5.99
IV	0	0	0	0	0	0	0	0	0
V	0	0	0	0	3.21	94.69%	0.18	0	3.39
VI	0	0	0	0	0	0	0	0	0
VII	0	0	0	0	0	0	0	0	0
VIII	0	0	0	0	0	0	0	0	0
Totals	0.00	0.00%	17.57	19.93%	66.41	75.35%	4.16	4.72%	88.14

Includes paved roads visually rated that were not driven with the ARAN.

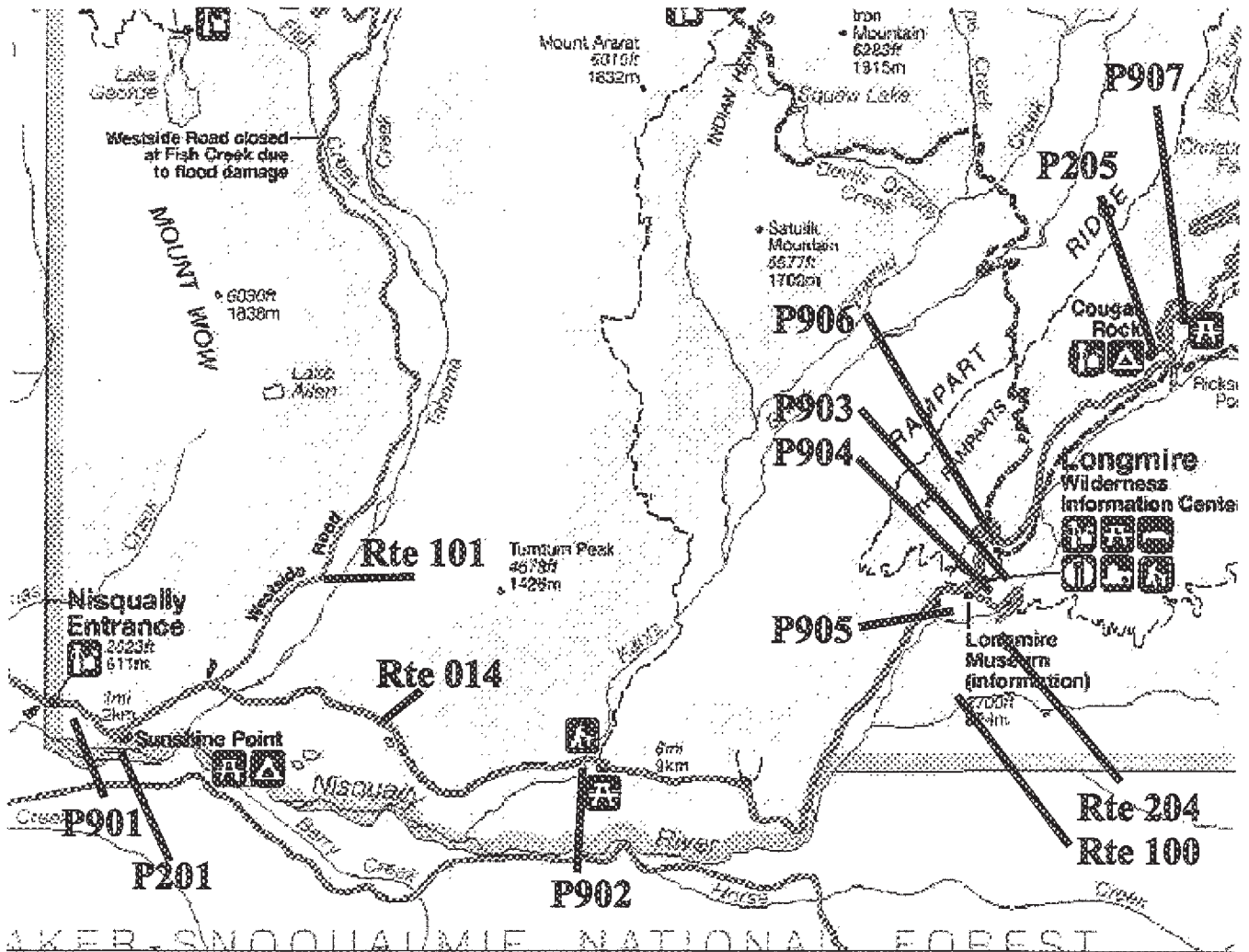
Mount Rainier National Park

ROUTE LOCATION

KEY MAP



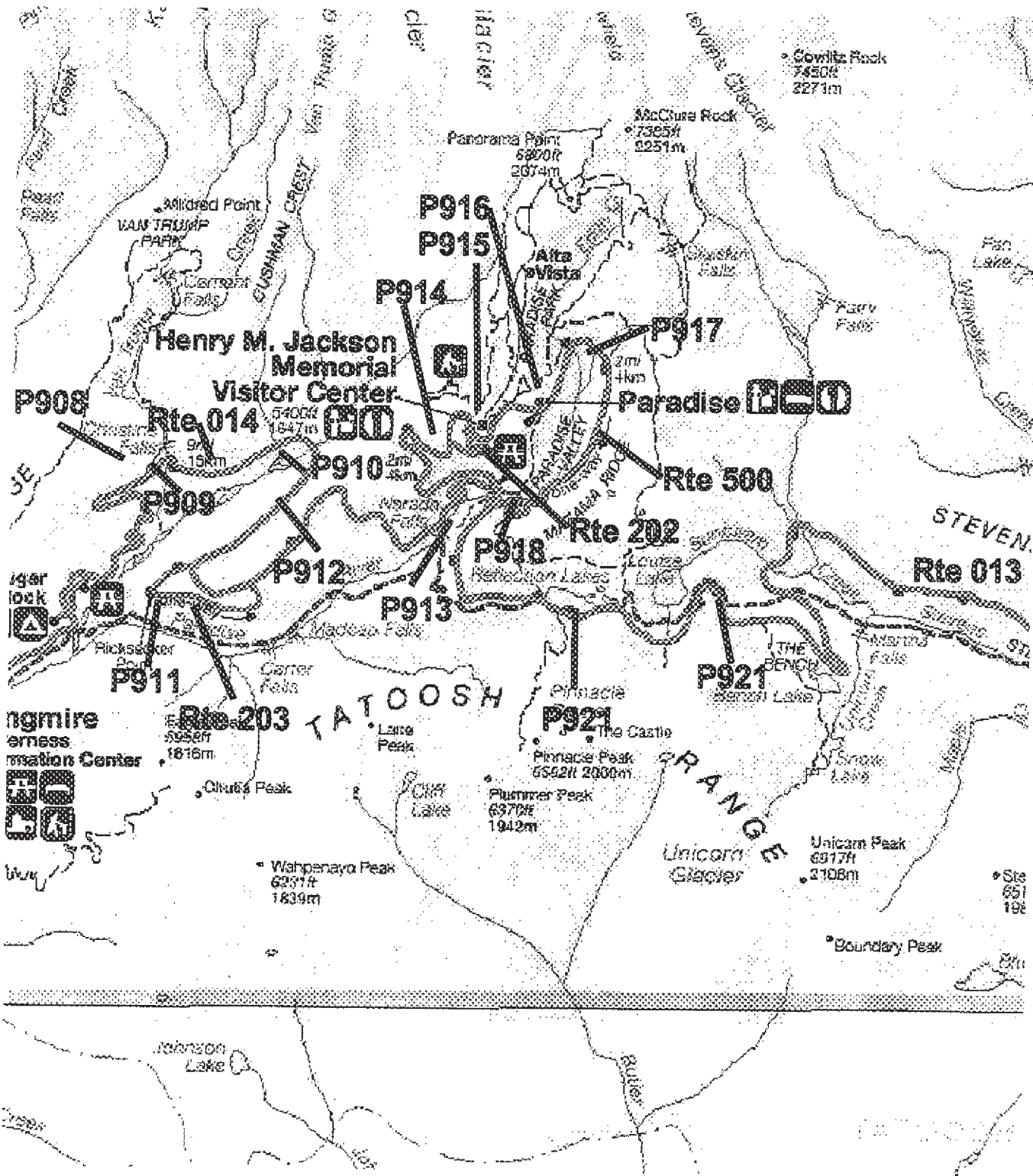
MOUNT RAINIER NATIONAL PARK ROUTE LOCATION AREA MAP #1



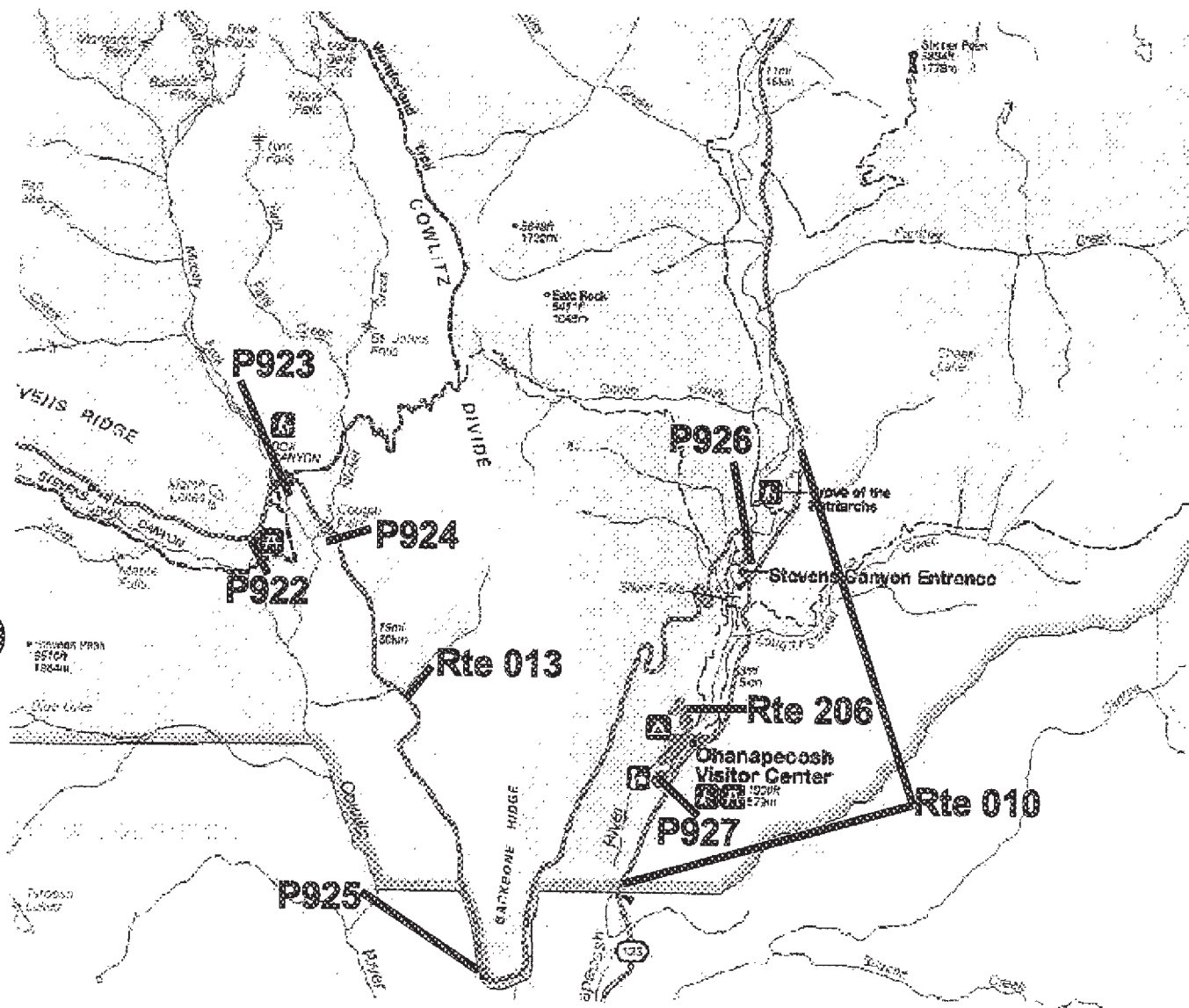
MOUNT RAINIER NATIONAL PARK

ROUTE LOCATION

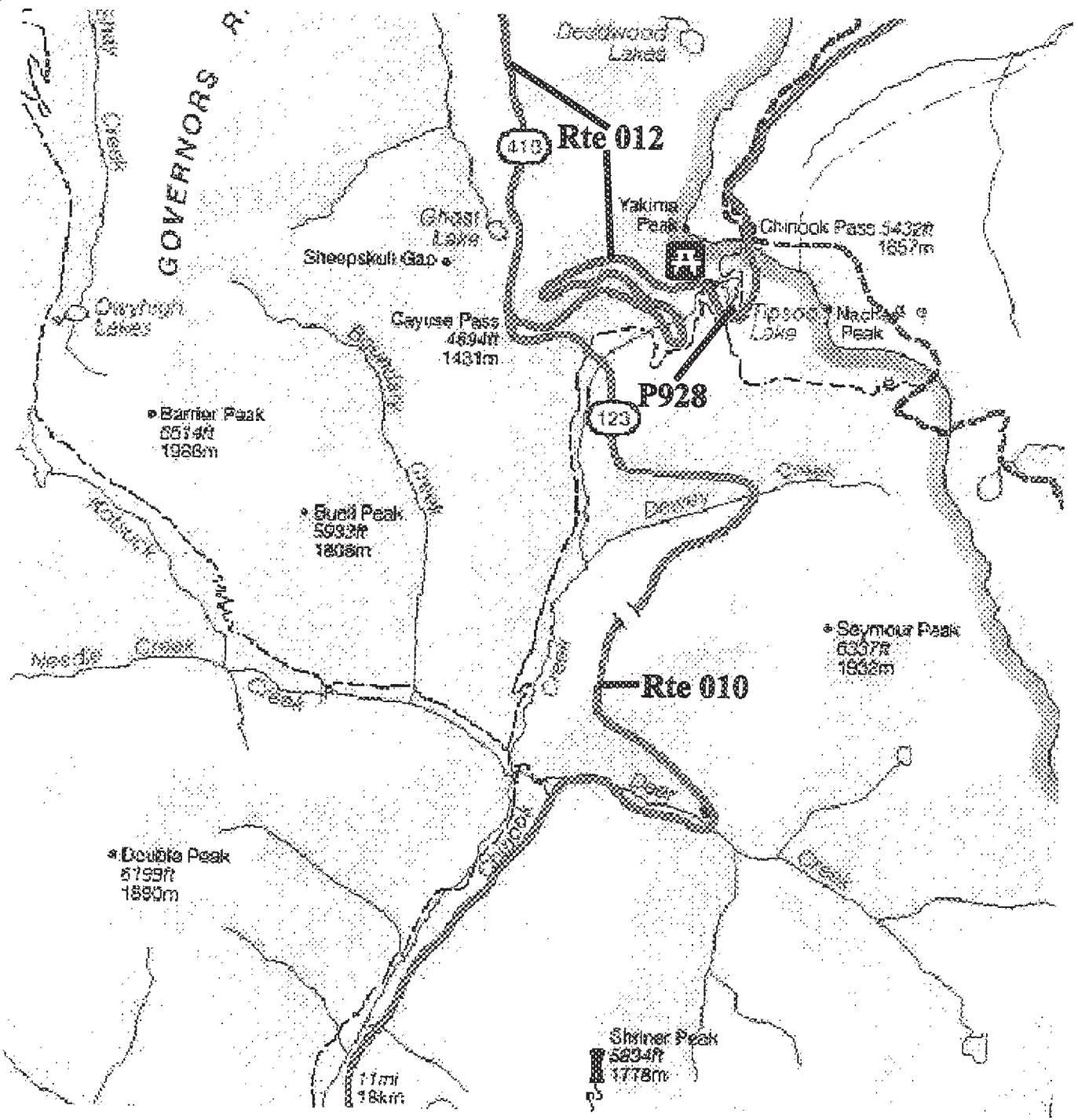
AREA MAP #2



MOUNT RAINIER NATIONAL PARK ROUTE LOCATION AREA MAP #3



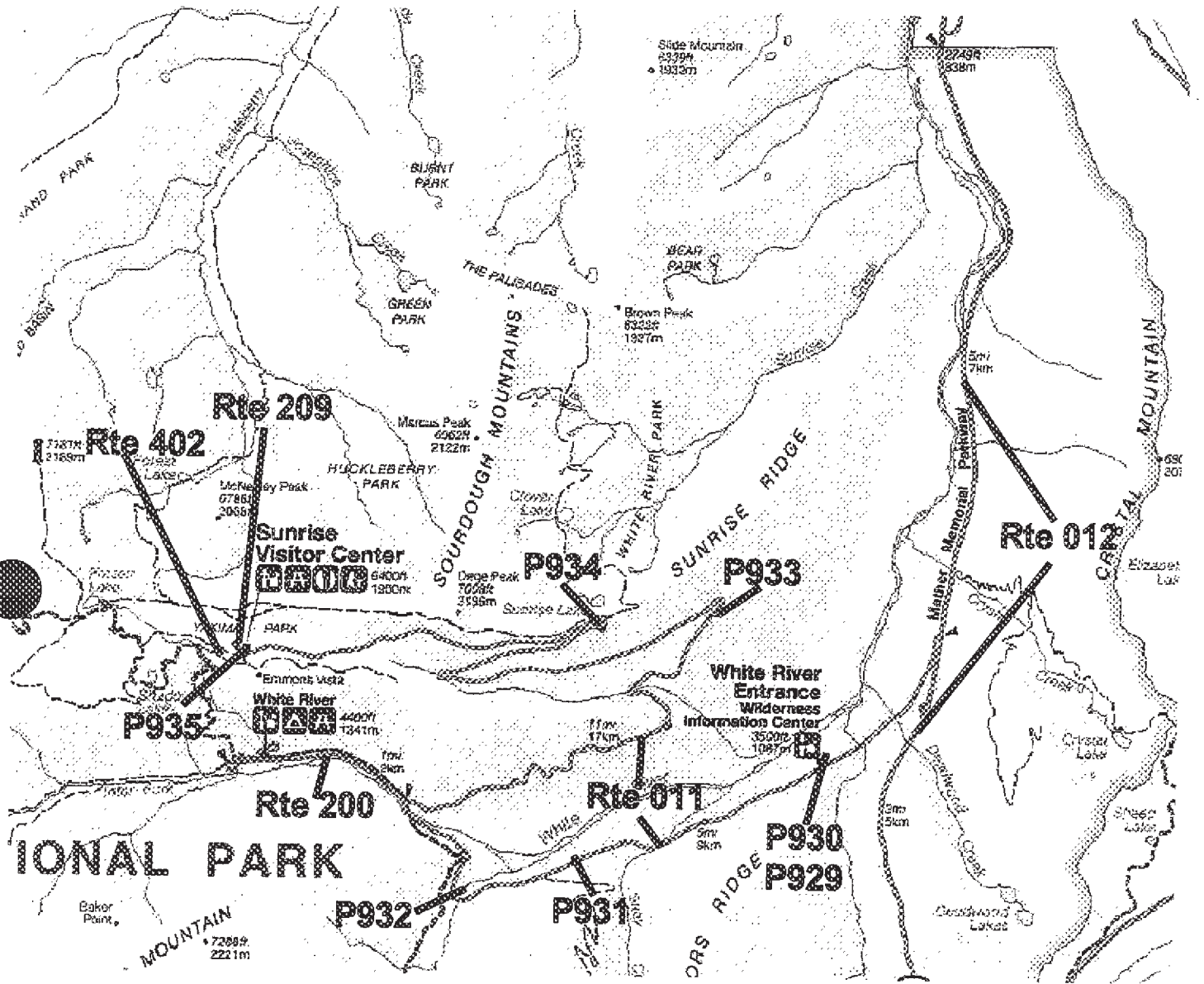
MOUNT RAINIER NATIONAL PARK ROUTE LOCATION AREA MAP #4



MOUNT RAINIER NATIONAL PARK

ROUTE LOCATION

AREA MAP #5



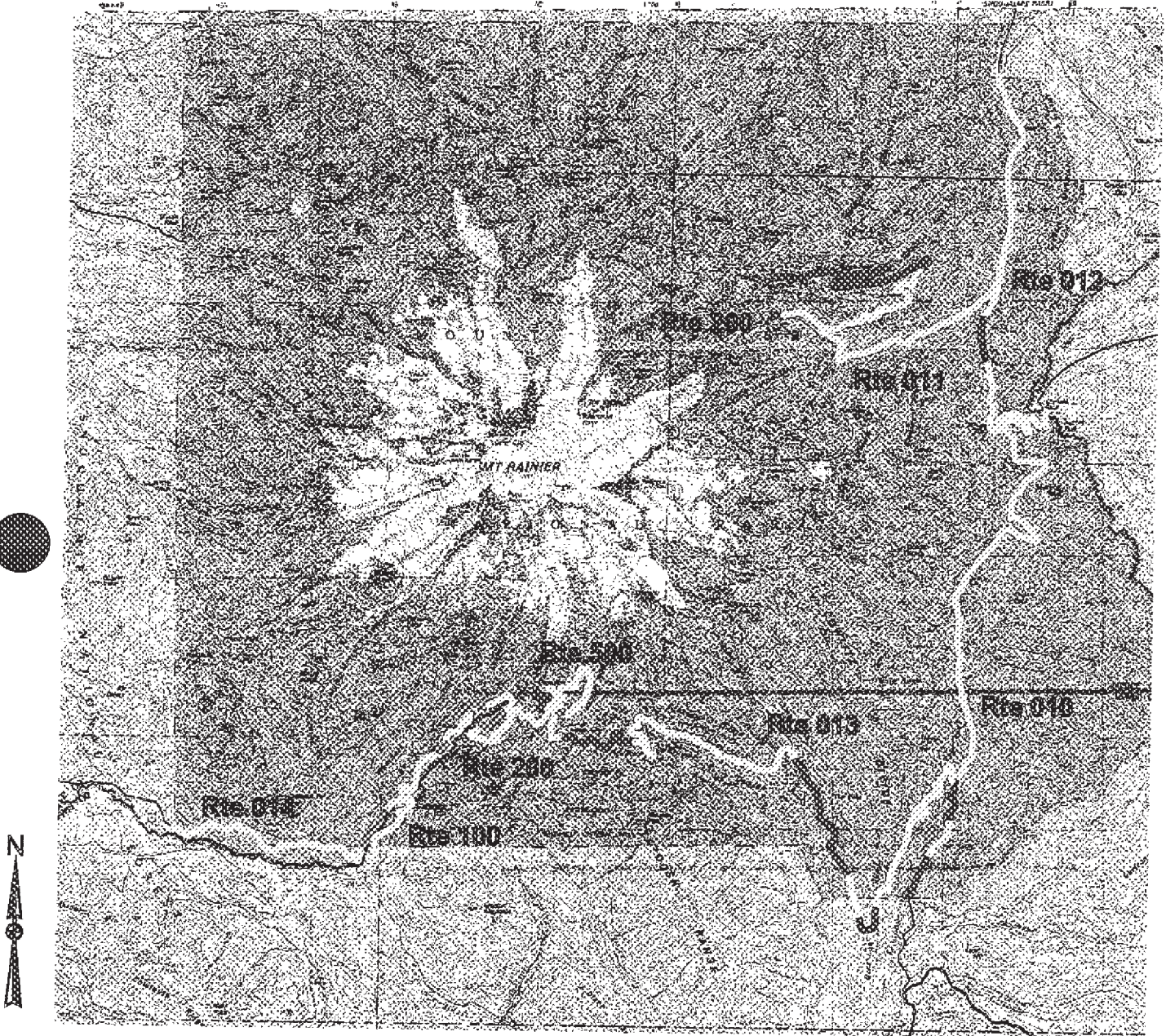
MOUNT RAINIER NATIONAL PARK ROUTE CONDITION






KEY MAP

PCR/DCR - Mile by Mile

FUNCTIONAL CLASSIFICATION I, II, VII, VIII ROADS

KIGCAT SURVEY



PCR Excellent  Good  Fair  Poor  DCR Poor 

* If the PCR rating is not available for a section, the SCR rating will be displayed

MOUNT RAINIER NATIONAL PARK - MORA - 9450 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes, ARAN Driven	Blue = All Paved Parking Areas
Grey = Paved Routes, ARAN not Driven	Green = All Unpaved Parking Areas
Yellow = Unpaved Routes, ARAN not Driven	

Red Denotes Approximate Mileage

Route	Route Name	Approx. Mileage	Route Description	Approx. Mileage	Approx. Mileage	Approx. Mileage	Approx. Mileage
010	Mt. Rainier Park Rd.	13.82	S. Boundary to Rt 12 (Cayuse Pass)	13.82		2	1
011	Sunrise Rd.	15.36	Rte 010 to Sunrise Parking Area	15.36		2	1
012	Mather Memorial Pkwy	11.54	East Entrance (Tipsoo Lake) North to North Entrance	11.54		2	1
013	Stevens Canyon Rd.	19.00	Rte 014 to Rte 010	19.00		2	1
014	Nisqually-Paradise Rd.	17.58	West Entrance to Lodge Parking (Rt. 916)	17.58		2	1
100	Backroad	1.46	Rte 014 to Gate	1.46		2	2
101	West Side Rd.	15.08	Rte 014 north to Klapatche Point		15.08	2	2
102	Carbon River Entrance Road	5.45	West Boundary to Isput Creek Ranger Station		5.45	2	2
200	White River Campground	1.24	Rte 11 through campground	1.24		2	3
201	Sunshine Point Campground	0.97	Rte 014 through Campground	0.97		2	3
202	Paradise Picnic Area Road	0.86	S. Int. Rte 014 to N. Int. Rte 014	0.86		2	3
203	Miller Cutoff	1.02	E. Int. Rte 014 to W. Int. Rte 014	1.02		1	3
204	Longmire Campground Road	0.94	Rte 100 through Campground		0.94	2	3
205	Cougar Rock Campground	0.34	Rte 014 through Campground	0.34		2	3
206	Ohanapecosh Campground	0.92	Rte 010 through Campground	0.92		2	3
207	Mowich Road	5.74	West Park Boundary to Mowich Lake Ranger Station		5.74	2	3
209	Sunrise Picnic Area	0.24	W. End of Lodge to Picnic Area	0.24		2	3
400	Tahoma Woods Housing/Admin. road	0.24	S.R. 706 through Admin. Area	0.24		2	5
402	Sunrise Service Road	0.24	State Maint.		0.24	2	6
500	Valley Road	2.18	Rte 014 to Rte 013	2.18		1	2
901	Nisqually Entrance Service Area	-	Rte 014 to Parking	-	-	-	-
902	Kautz Creek Trailhead	-	Rte 014 to Parking	-	-	-	-
903	Longmire Ranger Station Loop	-	Rte 014 to Rte 100	-	-	-	-
904	Longmire Residence Area	-	Rte 100 to Residences	-	-	-	-
905	Longmire Maintenance Area	-	Rte 100 to Maintenance Area	-	-	-	-
906	Wonderland Trail Parking	-	Rte 014 to Parking	-	-	-	-
907	Cougar Rock Picnic Road	-	Rte 014 to Picnic Area	-	-	-	-
908	Van Trump Park Trail Parking	-	Rte 014 to Parking	-	-	-	-
909	Christine Falls Viewpoint Parking	-	Rte 014 to Parking	-	-	-	-
910	Nisqually River Parking	-	Rte 014 to Parking	-	-	-	-
911	Miller Cutoff Parking	-	Rte 203 to Parking	-	-	-	-
912	Canyon Rim Viewpoint Parking	-	Rte 014 to Parking	-	-	-	-
913	Narada Falls Parking	-	Rte 014 to Parking	-	-	-	-
914	Paradise Wastewater Treatment Plant	-	Rte 014 to Parking	-	-	-	-
915	Paradise Visitor Center	-	Rte 014 to Parking	-	-	-	-
916	Paradise Lodge Parking	-	Rte 014 through Parking	-	-	-	-
917	Paradise River Parking	-	Rte 500 to Parking	-	-	-	-
918	Lakes Trail Parking	-	Rte 500 to Parking	-	-	-	-
919	Mt. Rainier Viewpoint Parking	-	Above Narada Falls, South of Rt. 13	-	-	-	-
920	Reflection Lakes Parking	-	Rte 013 to Parking	-	-	-	-

MOUNT RAINIER NATIONAL PARK - MORA - 9450 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes, ARAN Driven	Blue = All Paved Parking Areas
Grey = Paved Routes, ARAN not Driven	Green = All Unpaved Parking Areas
Yellow = Unpaved Routes, ARAN not Driven	

Red Denotes Approximate Mileage

ROUTE ID	ROUTE NAME	TYPE	ROUTE DESCRIPTION	STARTING MILES	ENDING MILES	STATUS	STATUS
921	Louise Lake Parking	-	Rte 013 to Parking				
922	Box Canyon Picnic Area Parking	-	Rte 013 to Parking				
923	Box Canyon Overlook/Exhibit Parking	-	Rte 013 to Parking				
924	Nickel Creek Parking	-	Rte 013 to Parking				
925	Mt. Rainier Parking	-	At Backbone Ridge, West of Rt. 13				
926	Grove of the Patriarchs Parking	-	Rte 013 to Parking				
927	Chanapecosh Ranger Station/Residence	-	Rte 206 through Residences				
928	Tipsoe Lake Parking	-	Rte 012 to Parking				
929	White River Ranger Service Area	-	Rte 011 to Parking				
930	White River Information Center Parking	-	Rte 011 to Parking				
931	Owyhigh Lake Trail Parking	-	Rte 011 to Parking				
932	Fryingpan Creek Parking	-	Rte 011 to Parking				
933	Viewpoint Parking	-	Rte 011 to Parking				
934	Sunrise Point Parking	-	Rte 011 to Parking				
935	Sunrise Lodge Parking	-	End of Rte 011 to Parking				

MOUNT RAINIER NATIONAL PARK - MORA - 9450 - ROUTE IDENTIFICATION LIST (ALPHABETIC)

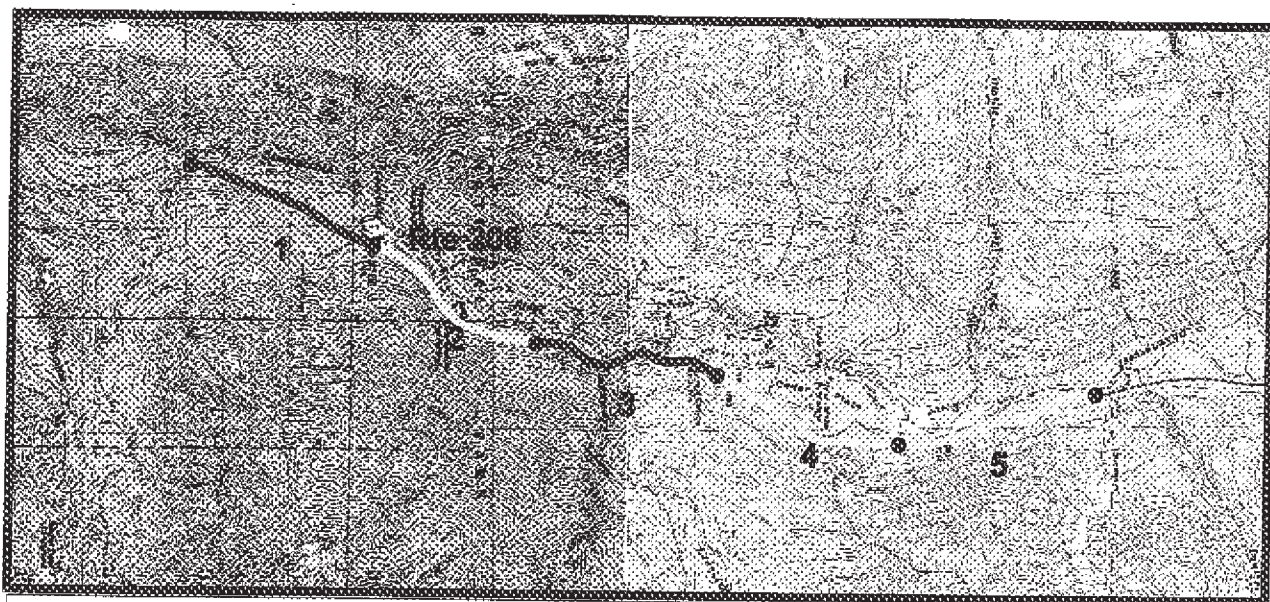
Shading Color Key:

Red Denotes Approximate Mileage

White = Paved Routes, ARAN Driven	Blue = All Paved Parking Areas
Grey = Paved Routes, ARAN not Driven	Green = All Unpaved Parking Areas
Yellow = Unpaved Routes, ARAN not Driven	

ROUTE #	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MILES	UNPAVED MILES	LANES	ROUTE CLASS
100	Backroad	1.46	Rte 014 to Gate	1.46		2	2
923	Box Canyon Overlook/Exhibit Parking	-	Rte 013 to Parking				
922	Box Canyon Picnic Area Parking	-	Rte 013 to Parking				
912	Canyon Rim Viewpoint Parking	-	Rte 014 to Parking				
102	Carbon River Entrance Road	5.45	West Boundary to Isput Creek Ranger Station		5.45	2	2
909	Christine Falls Viewpoint Parking	-	Rte 014 to Parking				
205	Cougar Rock Campground	0.34	Rte 014 through Campground	0.34		2	3
907	Cougar Rock Picnic Road	-	Rte 014 to Picnic Area				
932	Fryingpan Creek Parking	-	Rte 011 to Parking				
926	Grove of the Patriarchs Parking	-	Rte 013 to Parking				
902	Kautz Creek Trailhead	-	Rte 014 to Parking				
918	Lakes Trail Parking	-	Rte 500 to Parking				
204	Longmire Campground Road	0.94	Rte 100 through Campground		0.94	2	3
905	Longmire Maintenance Area	-	Rte 100 to Maintenance Area				
903	Longmire Ranger Station Loop	-	Rte 014 to Rte 100				
904	Longmire Residence Area	-	Rte 100 to Residences				
921	Louise Lake Parking	-	Rte 013 to Parking				
012	Mather Memorial Pkwy	11.54	East Entrance (Tipsoo Lake) North to North Entrance	11.54		2	1
203	Miller Cutoff	1.02	E. Int. Rte 014 to W. Int. Rte 014	1.02		1	3
911	Miller Cutoff Parking	-	Rte 203 to Parking				
207	Mowich Road	5.74	West Park Boundary to Mowich Lake Ranger Station		5.74	2	3
010	Mt. Rainier Park Rd.	13.82	S. Boundary to Rt 12 (Cayuse Pass)	13.82		2	1
925	Mt. Rainier Parking	-	At Backbone Ridge, West of Rt. 13				
919	Mt. Rainier Viewpoint Parking	-	Above Narada Falls, South of Rt. 13				
913	Narada Falls Parking	-	Rte 014 to Parking				
924	Nickel Creek Parking	-	Rte 013 to Parking				
901	Nisqually Entrance Service Area	-	Rte 014 to Parking				
910	Nisqually River Parking	-	Rte 014 to Parking				
014	Nisqually-Paradise Rd.	17.58	West Entrance to Lodge Parking (Rt. 916)	17.58		2	1
206	Ohanapecosh Campground	0.92	Rte 010 through Campground	0.92		2	3
927	Ohanapecosh Ranger Station/Residence	-	Rte 206 through Residences				
931	Owyhigh Lake Trail Parking	-	Rte 011 to Parking				
916	Paradise Lodge Parking	-	Rte 014 through Parking				
202	Paradise Picnic Area Road	0.86	S. Int. Rte 014 to N. Int. Rte 014	0.86		2	3
917	Paradise River Parking	-	Rte 500 to Parking				
915	Paradise Visitor Center	-	Rte 014 to Parking				
914	Paradise Wastewater Treatment Plant	-	Rte 014 to Parking				
920	Reflection Lakes Parking	-	Rte 013 to Parking				
013	Stevens Canyon Rd.	19.00	Rte 014 to Rte 010	19.00		2	1

935	Sunrise Lodge Parking		End of Rte 011 to Parking				
209	Sunrise Picnic Area	0.64	W. End of Lodge to Picnic Area	0.64		2	3
934	Sunrise Point Parking		Rte 011 to Parking				
011	Sunrise Rd.	15.36	Rte 010 to Sunrise Parking Area	15.36		2	1
402	Sunrise Service Road	0.24	State Maint.		0.24	2	6
201	Sunshine Point Campground	0.33	Rte. 014 through Campground	0.33		2	3
400	Tahoma Woods Housing/Admin road		S.R. 706 through Admin. Area			2	5
928	Tipsoe Lake Parking		Rte 012 to Parking				
500	Valley Road	1.18	Rte 014 to Rte 013	1.18		1	2
908	Van Trump Park Trail Parking		Rte 014 to Parking				
933	Viewpoint Parking		Rte 011 to Parking				
101	West Side Rd.	15.08	Rte 014 north to Klapatche Point		15.08	2	2
200	White River Campground	1.24	Rte 11 through campground	1.24		2	3
930	White River Information Center Parking		Rte 011 to Parking				
929	White River Ranger Service Area		Rte 011 to Parking				
906	Wonderland Trail Parking		Rte 014 to Parking				



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed



Northwest Region

Mount Rainier National Park : MORA : 9450

ROUTE: 010 Mt. Rainier Park Rd.

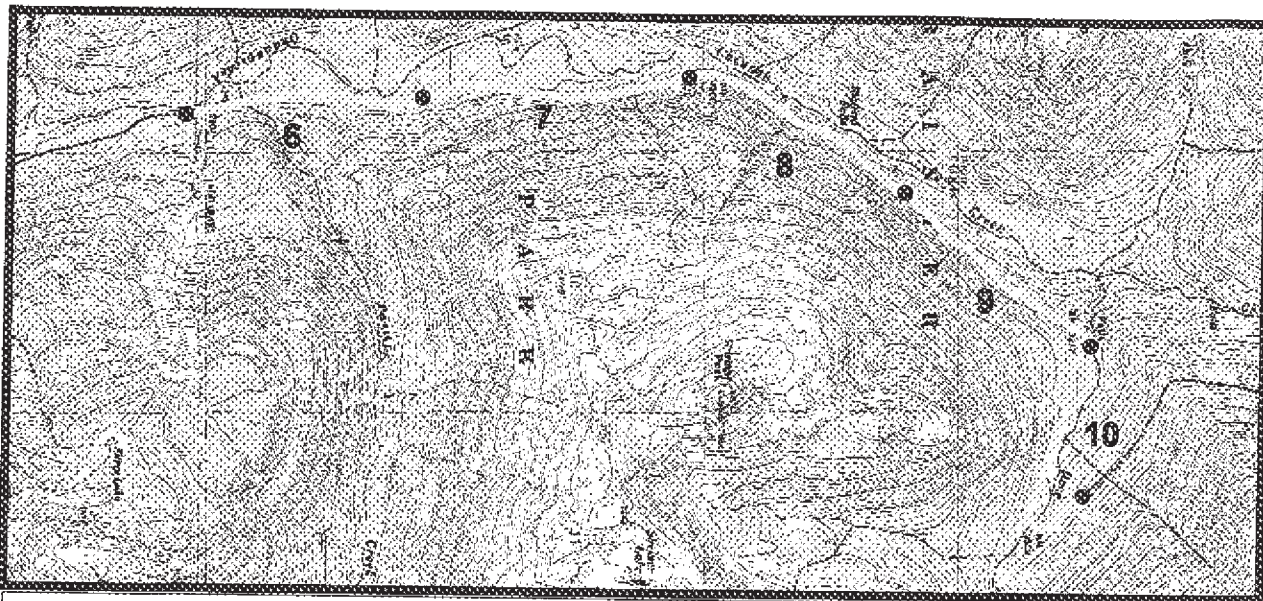
TOTAL LENGTH: 13.82 Miles

Section Number	1	2	3	4	5
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	444	444	444	472	444
SADT	1536	1536	1536	NA	1207
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	1	1	1	1	1
Roadway Condition Information					
PCR (Pavement Condition Rating)	88	84	88	81	71
Roughness Index	87	87	83	68	52
SCR (Surface Condition Rating)	88	83	92	89	83
Alligator Cracking	100	99	100	100	100
Rutting Index	85	90	92	88	88
Patching Index	100	100	100	100	100
Transverse Cracking	100	98	99	99	95
Longitudinal Cracking	99	94	100	100	98
Shoulder Condition Rating	82	82	82	82	82
Drainage Condition Rating	84	75	74	74	74

COMMENTS:

- MP 0.00 Picture R2-11, Begin Route at South Endry
- MP 1.00 R2-12, Entrance to Ohanapecosh
- MP 2.40 R2-13, Typical Pavement section and Bridge
- MP 3.80 R2-14 Localized Distress and blade patch

ROUTE: 010 Mt. Rainier Park Rd.



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed



Northwest Region

Mount Rainier National Park : MORA : 9450

ROUTE: 010 Mt. Rainier Park Rd.

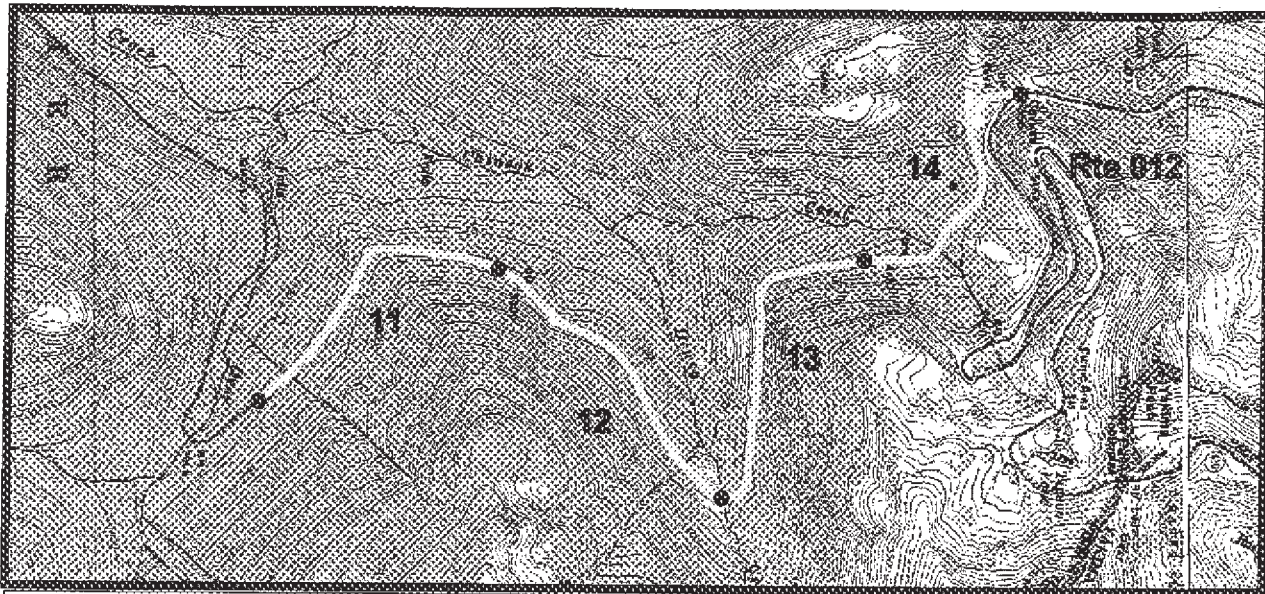
TOTAL LENGTH: 13.82 Miles

Section Number	6	7	8	9	10
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	444	444	444	444	444
SADT	1207	1207	1207	1207	1207
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	1	2	2	3	3
Roadway Condition Information					
PCR (Pavement Condition Rating)	78	75	76	77	74
Roughness Index	65	61	62	73	63
SCR (Surface Condition Rating)	86	83	85	80	82
Alligator Cracking	100	100	100	100	100
Rutting Index	87	87	89	87	90
Patching Index	100	100	100	100	100
Transverse Cracking	97	94	95	92	92
Longitudinal Cracking	99	99	99	98	98
Shoulder Condition Rating	82	83	83	80	80
Drainage Condition Rating	74	78	78	78	78

COMMENTS:

- MP 5.90 R2-15, Typical blade patch
- MP 7.70 R2-16, Typical pavement section and rock wall
- MP 8.40 R2-17, New pavement, good condition

ROUTE: 010 Mt. Rainier Park Rd.



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 010 Mt. Rainier Park Rd.

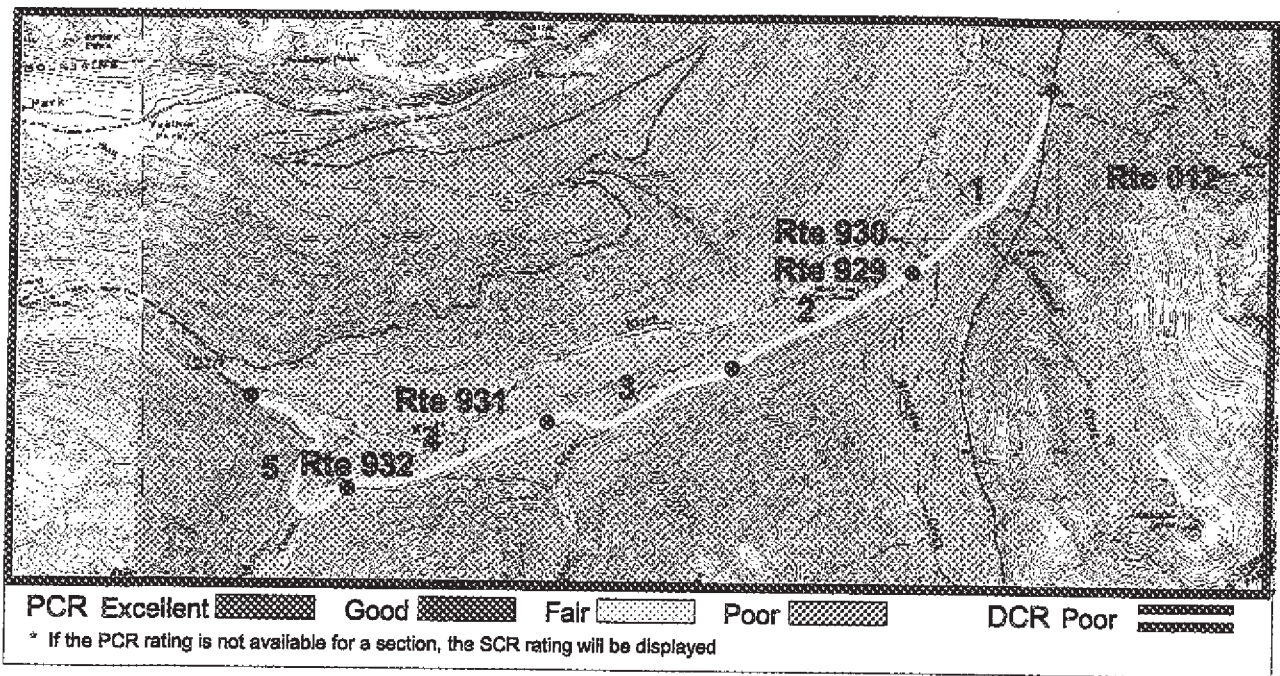
TOTAL LENGTH: 13.82 Miles

Section Number	11	12	13	14
Section Length (mi)	1.00	1.00	1.00	0.82
AADT	444	444	444	444
SADT	1207	1207	1207	1207
ADT Date	NA	NA	NA	NA
Cross Section Information				
Number of Lanes	2	2	2	2
Paved Width (ft)	24	24	24	24
Lane Width (ft)	12	12	12	12
Shoulder Width (ft)	3	3	3	3
Roadway Condition Information				
PCR (Pavement Condition Rating)	72	70	79	76
Roughness Index	73	69	72	64
SCR (Surface Condition Rating)	71	72	83	85
Alligator Cracking	100	100	100	100
Rutting Index	87	86	88	90
Patching Index	100	100	100	100
Transverse Cracking	90	87	93	94
Longitudinal Cracking	91	95	99	98
Shoulder Condition Rating	80	80	80	84
Drainage Condition Rating	78	75	75	84

COMMENTS:

- MP 11.10 R2-18, Typical pavement section, looking back
- MP 11.11 R2-19, Tunnel entrance
- MP 12.90 R2-20, Faulting subgrade, typical distress in area
- MP 13.82 End of route at Rte 012

ROUTE: 010 Mt. Rainier Park Rd.



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 011 Sunrise Road

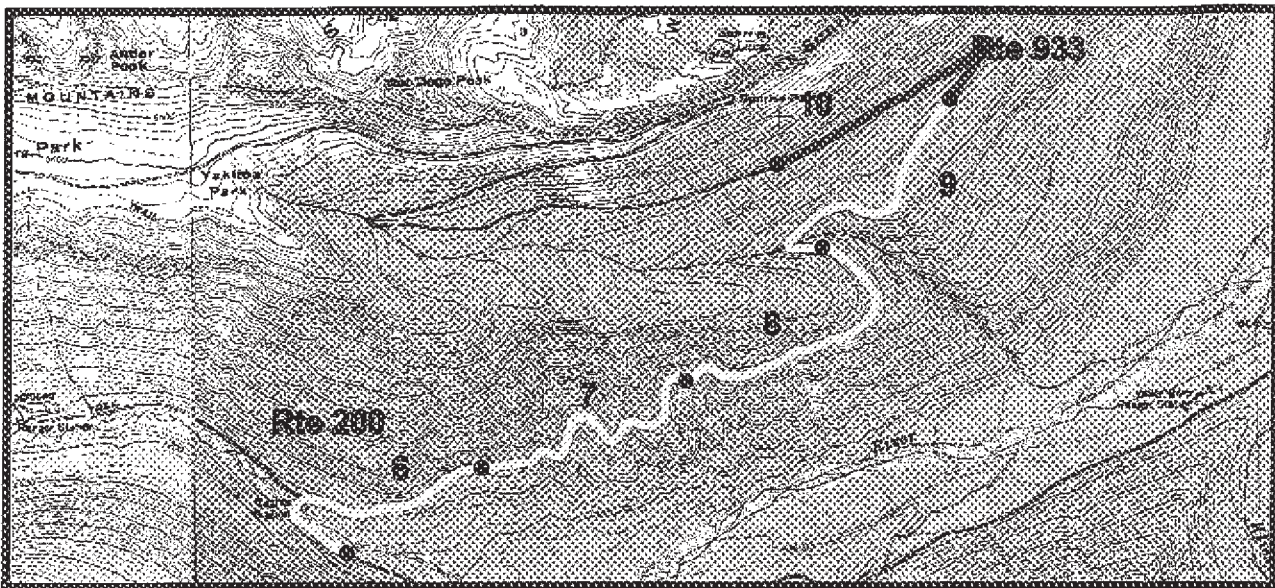
TOTAL LENGTH: 15.36 Miles

Section Number	1	2	3	4	5
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	429	429	429	429	429
SADT	1158	1158	1158	1158	1158
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	22	22	22	22
Lane Width (ft)	11	11	11	11	11
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	77	77	77	79	81
Roughness Index	55	64	58	62	66
SCR (Surface Condition Rating)	91	84	89	90	91
Alligator Cracking	100	100	100	100	100
Rutting Index	93	88	89	88	91
Patching Index	100	100	100	100	100
Transverse Cracking	99	95	98	99	99
Longitudinal Cracking	99	99	100	100	100
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	90	90	90	90	90

ROUTE: 011 Sunrise Road

COMMENTS:

- MP 0.00 Beginning of Route at Intersection of Rte 010
- MP 0.10 R3-06, Typical pavement section
- MP 0.90 R3-07, Bridge Approach
- MP 1.30 R3-08, Contact Station
- MP 2.00 R3-09, subgrade failure
- MP 4.80 R3-10, Good pavement section
- MP 5.60 R3-11, Typical pavement section



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 011 Sunrise Road

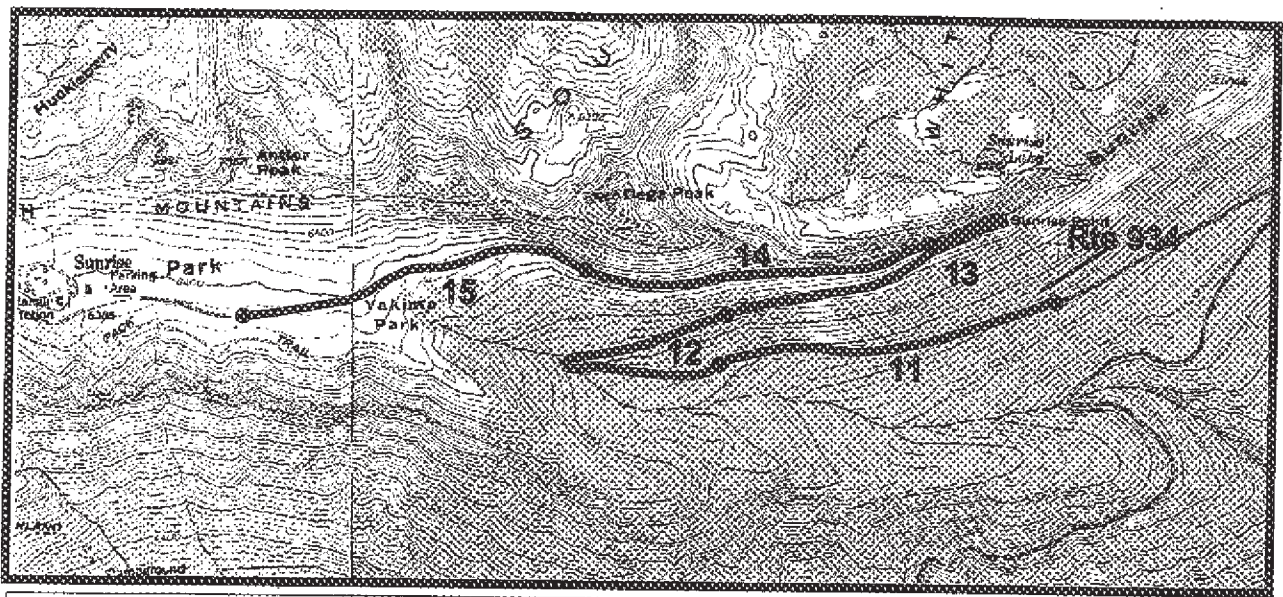
TOTAL LENGTH: 15.36 Miles

Section Number	6	7	8	9	10
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	429	356	356	356	356
SADT	1158	1230	1230	1230	1230
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	22	22	22	22
Lane Width (ft)	11	11	11	11	11
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	80	78	79	83	90
Roughness Index	66	58	63	72	92
SCR (Surface Condition Rating)	89	92	90	89	88
Alligator Cracking	100	100	100	100	100
Rutting Index	89	91	89	87	84
Patching Index	100	100	100	100	100
Transverse Cracking	98	99	100	100	100
Longitudinal Cracking	100	99	100	99	100
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	90	90	90	90	90

COMMENTS:

- MP 6.00 R3-12, Subgrade failure, local cracking
- MP 7.00 R3-13, Subgrade failure, local cracking
- MP 7.30 R3-14, Start new pavement
- MP 8.20 R3-15, Local failure

ROUTE: 011 Sunrise Road



PCR Excellent  Good  Fair  Poor  DCR Poor 
 * If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 011 Sunrise Road

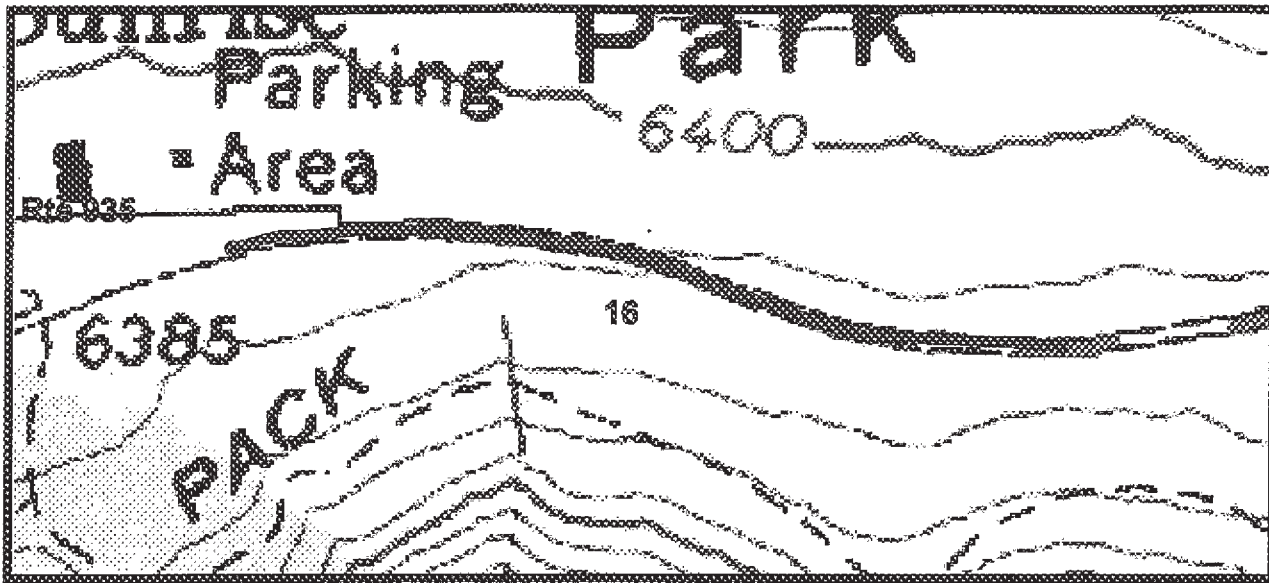
TOTAL LENGTH: 15.36 Miles

Section Number	11	12	13	14	15
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	356	356	356	356	356
SADT	1230	1230	1230	1230	1230
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	22	22	22	22	22
Lane Width (ft)	11	11	11	11	11
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	91	88	91	93	93
Roughness Index	96	90	94	99	98
SCR (Surface Condition Rating)	88	87	89	88	89
Alligator Cracking	100	100	100	100	100
Rutting Index	86	84	86	84	86
Patching Index	100	100	100	100	100
Transverse Cracking	99	100	100	100	100
Longitudinal Cracking	100	99	100	100	100
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	90	90	90	90	90

COMMENTS:

MP 12.80 R3-16, Hairpin tunnel area, good pavement
 MP 13.10 R3-17, Unique triangular curb

ROUTE: 011 Sunrise Road



PCR Excellent Good Fair Poor DCR Poor
 * If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 011 Sunrise Road

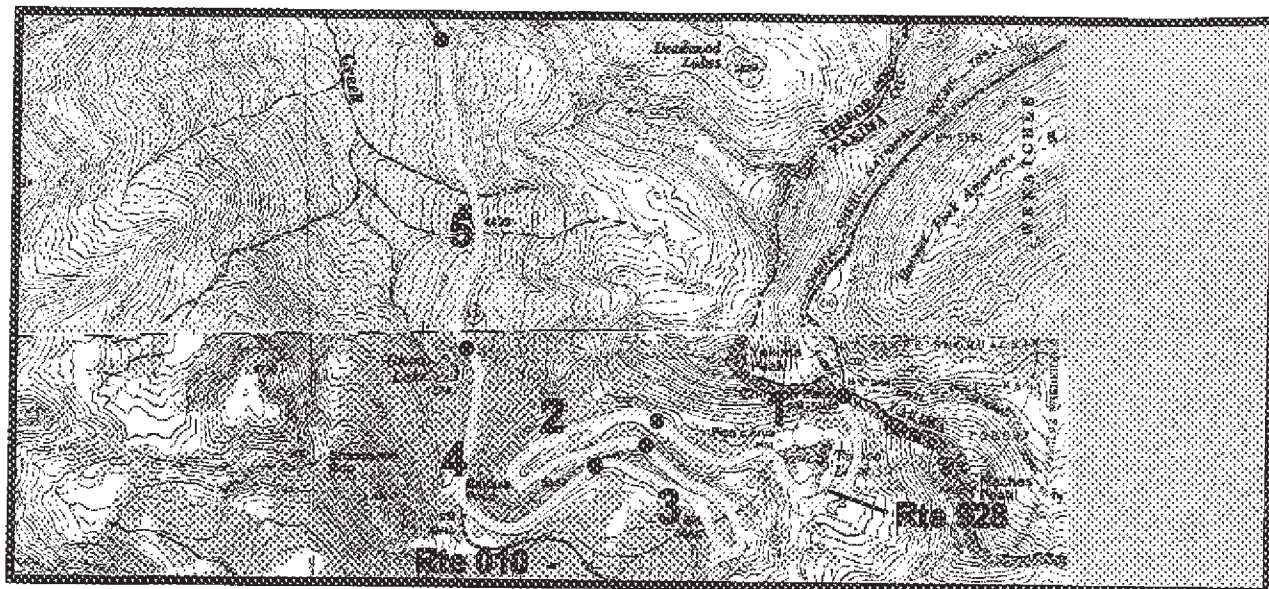
TOTAL LENGTH: 15.36 Miles

Section Number	16				
Section Length (mi)	0.36				
AADT	356				
SADT	1230				
ADT Date	NA				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	22				
Lane Width (ft)	11				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	94				
Roughness Index	97				
SCR (Surface Condition Rating)	92				
Alligator Cracking	100				
Rutting Index	90				
Patching Index	100				
Transverse Cracking	100				
Longitudinal Cracking	100				
Shoulder Condition Rating	G				
Drainage Condition Rating	90				

COMMENTS:

MP 16.36 End of Route at parking area

ROUTE: 011 Sunrise Road



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 012 Mather Memorial Pkwy

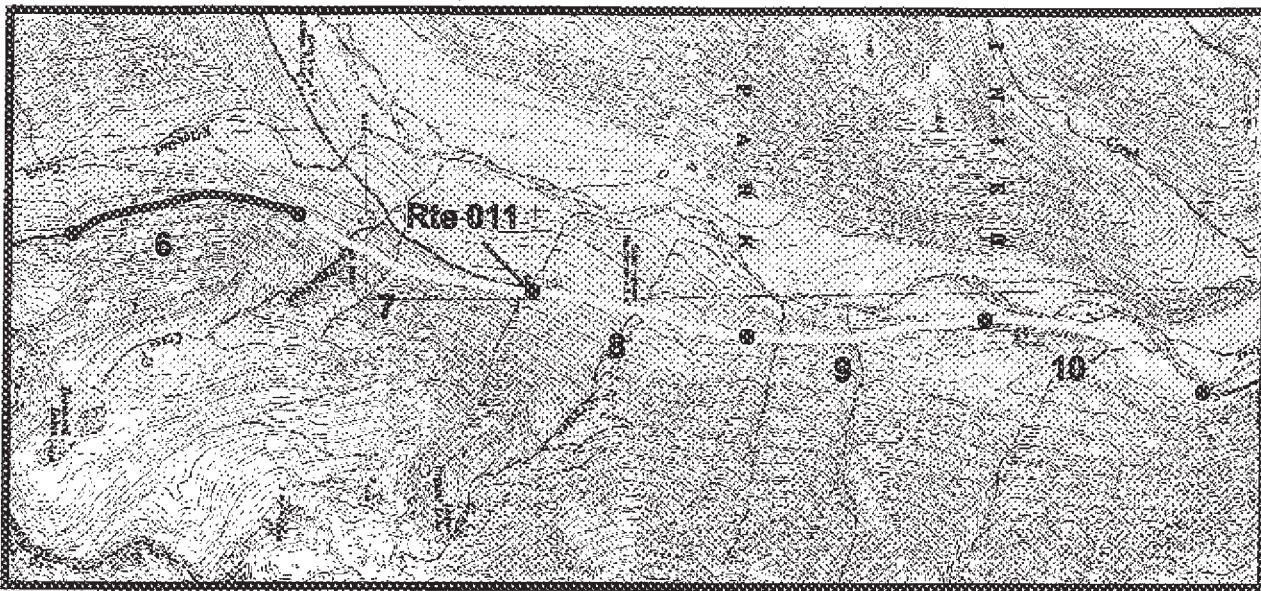
TOTAL LENGTH: 11.54 Miles

Section Number	1	2	3	4	5
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	1144	1144	1144	1144	1145
SADT	2368	2368	2368	2368	2368
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	3	3	3	3	3
Roadway Condition Information					
PCR (Pavement Condition Rating)	73	84	69	64	74
Roughness Index	54	78	57	51	62
SCR (Surface Condition Rating)	86	87	77	72	81
Alligator Cracking	100	100	100	99	99
Rutting Index	93	89	90	90	87
Patching Index	100	100	100	100	100
Transverse Cracking	94	97	88	87	96
Longitudinal Cracking	98	99	98	94	95
Shoulder Condition Rating	84	84	84	84	84
Drainage Condition Rating	87	87	87	87	88

ROUTE: 012 Mather Memorial Pkwy

COMMENTS:

- MP 0.00 Beginning of Route at East Entrance North
- MP 0.10 R2-21, Typical poor pavement
- MP 1.30 R2-22, New pavement, old rock wall
- MP 3.40 R2-23, Intersection Rte 010
- MP 4.40 R2-24, Typical pavement section
- MP 4.80 R2-25, Pavement distress local
- MP 4.90 R3-01, Bad Section looking back



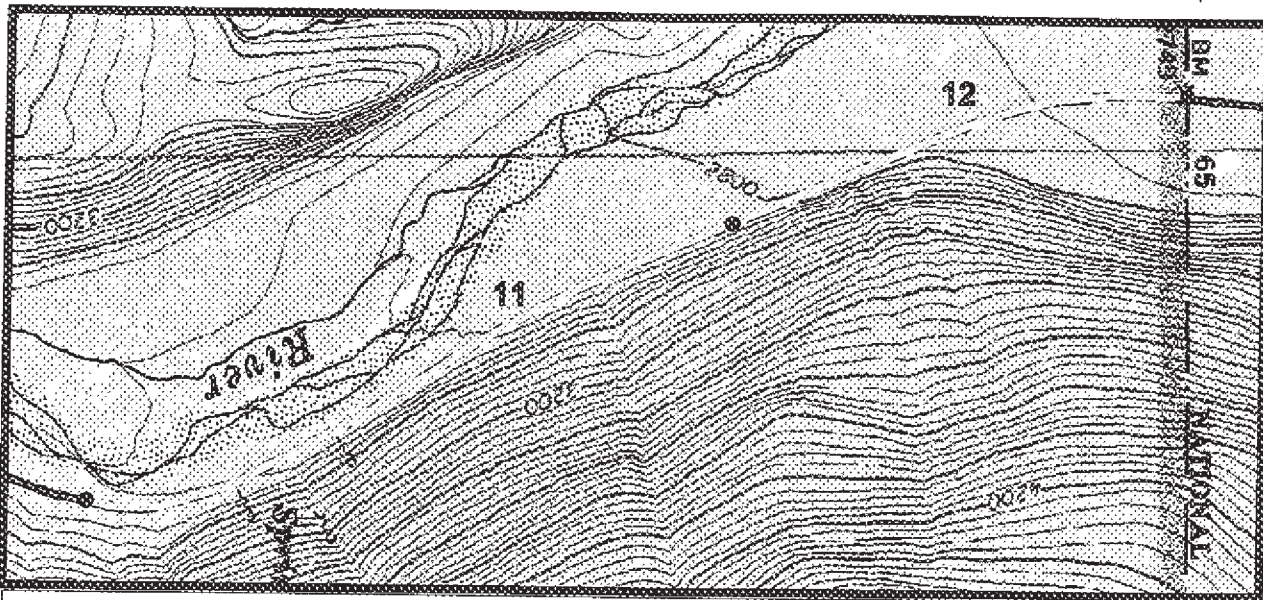
Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 012 Mather Memorial Pkwy TOTAL LENGTH: 11.54 Miles

Section Number	6	7	8	9	10
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	1145	1145	1145	1145	1145
SADT	2370	2370	2370	2370	2370
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	3	3	4	4	4
Roadway Condition Information					
PCR (Pavement Condition Rating)	87	82	74	81	79
Roughness Index	82	76	73	73	66
SCR (Surface Condition Rating)	91	87	74	87	87
Alligator Cracking	100	100	99	100	100
Rutting Index	90	88	89	87	89
Patching Index	100	100	100	100	100
Transverse Cracking	100	97	95	99	99
Longitudinal Cracking	100	98	89	98	97
Shoulder Condition Rating	84	84	80	80	80
Drainage Condition Rating	88	83	85	85	85

COMMENTS:
 MP 5.60 R3-02, Typical pavement section
 MP 8.00 R3-03, Entrance to Rte 011
 MP 9.90 R3-05, Typical pavement section

ROUTE: 012 Mather Memorial Pkwy



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 012 Mather Memorial Pkwy

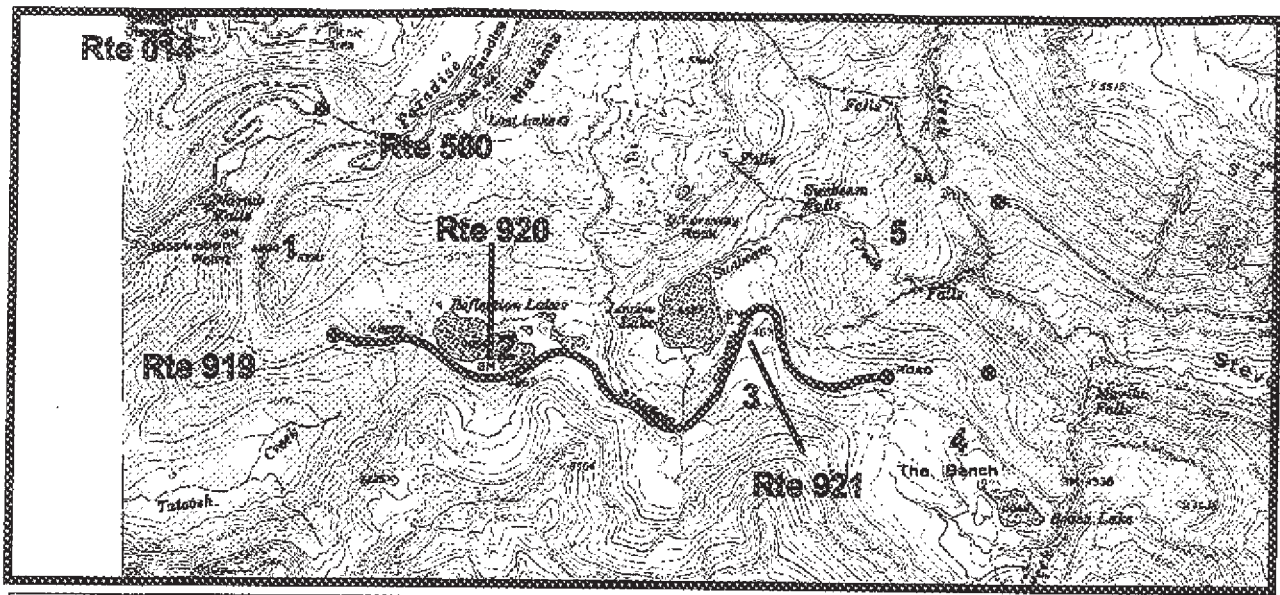
TOTAL LENGTH: 11.54 Miles

Section Number	11	12			
Section Length (mi)	1.00	0.54			
AADT	1145	1145			
SADT	2370	2370			
ADT Date	NA	NA			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	24	24			
Lane Width (ft)	12	12			
Shoulder Width (ft)	4	4			
Roadway Condition Information					
PCR (Pavement Condition Rating)	72	71			
Roughness Index	50	55			
SCR (Surface Condition Rating)	88	81			
Alligator Cracking	100	100			
Rutting Index	90	88			
Patching Index	100	100			
Transverse Cracking	98	97			
Longitudinal Cracking	98	94			
Shoulder Condition Rating	80	80			
Drainage Condition Rating	85	85			

COMMENTS:

MP 12.50 Boundry
 MP 12.54 End of Route

ROUTE: 012 Mather Memorial Pkwy



PCR Excellent Good Fair Poor DCR Poor
 * If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 013 Stevens Canyon Rd.

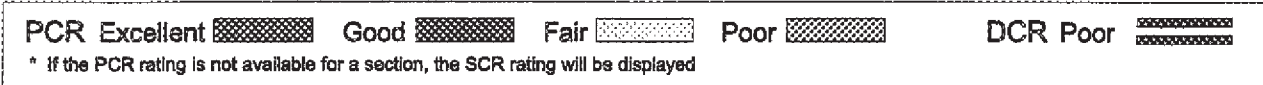
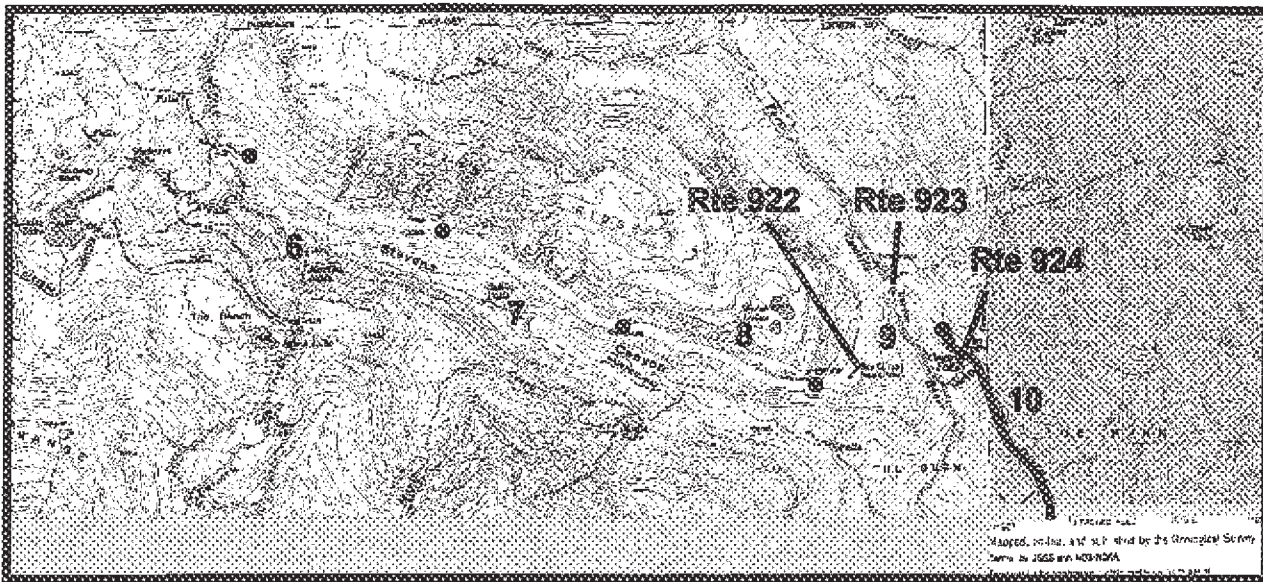
TOTAL LENGTH: 19.00 Miles

Section Number	1	2	3	4	5
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	397	397	397	397	397
SADT	1091	1091	1091	1091	1091
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	81	90	89	83	76
Roughness Index	71	91	91	81	84
SCR (Surface Condition Rating)	86	90	88	85	71
Alligator Cracking	100	100	100	100	99
Rutting Index	90	90	89	89	92
Patching Index	100	100	100	100	100
Transverse Cracking	97	99	98	95	88
Longitudinal Cracking	97	99	99	98	92
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	90	90	90	90	90

ROUTE: 013 Stevens Canyon Rd.

COMMENTS:

- MP 0.00 Beginning of Route at Rte 014
- MP 0.30 R1-14, Pavement distress slumping
- MP 0.31 R1-15, Rock wall, typical pavement section
- MP 3.20 R1-16, Debris in pavement
- MP 5.10 R1-17, Load related cracks in pavement
- MP 5.50 R1-18, Scenery/falls picture
- MP 5.51 R1-19, Scenery/falls picture
- MP 5.60 R1-20, Paved ditch, looking back
- MP 5.61 R1-21, Debris in pavement



Northwest Region
 Mount Rainier National Park : MORA : 9450

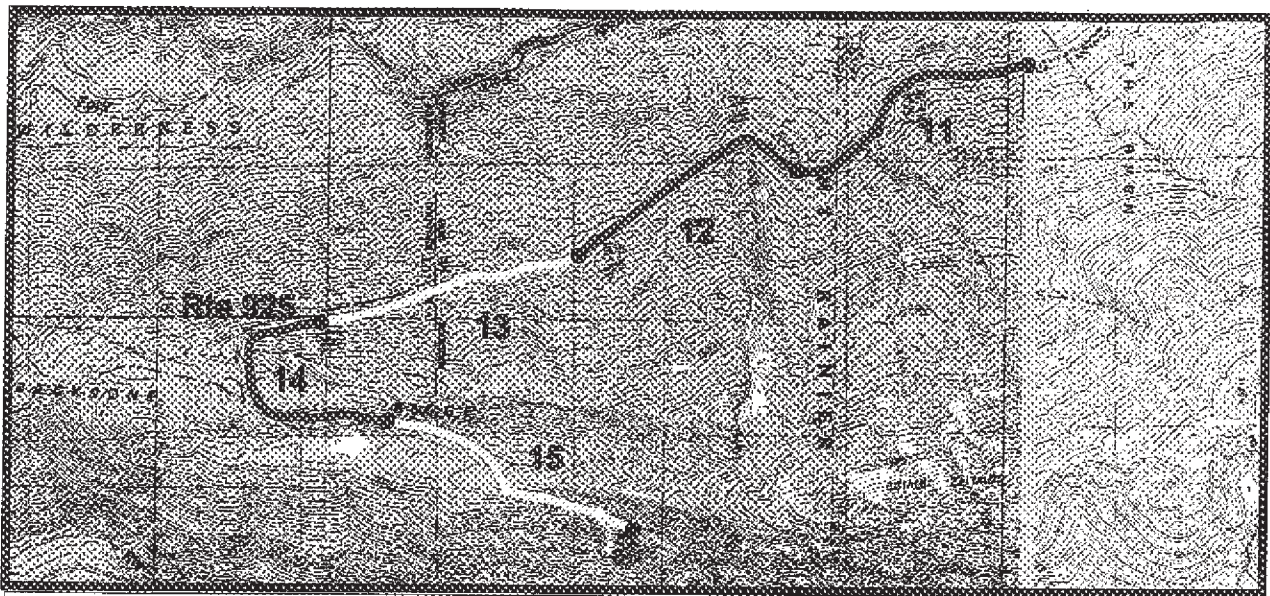
ROUTE: 013 Stevens Canyon Rd. TOTAL LENGTH: 19.00 Miles

Section Number	6	7	8	9	10
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	397	397	397	397	397
SADT	1091	1091	1091	1091	1091
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	78	80	74	84	87
Roughness Index	71	74	70	86	84
SCR (Surface Condition Rating)	83	83	76	83	88
Alligator Cracking	100	100	100	100	100
Rutting Index	88	90	88	90	88
Patching Index	100	100	100	100	100
Transverse Cracking	94	93	87	93	98
Longitudinal Cracking	98	99	98	98	100
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	90	90	90	90	90

COMMENTS:

- MP 6.90 R1-22, Tunnel entrance
- MP 7.00 R1-23, Concrete point outside tunnel
- MP 9.10 R1-24, good point picture

ROUTE: 013 Stevens Canyon Rd.



PCR Excellent Good Fair Poor DCR Poor
 * If the PCR rating is not available for a section, the SCR rating will be displayed



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 013 Stevens Canyon Rd.

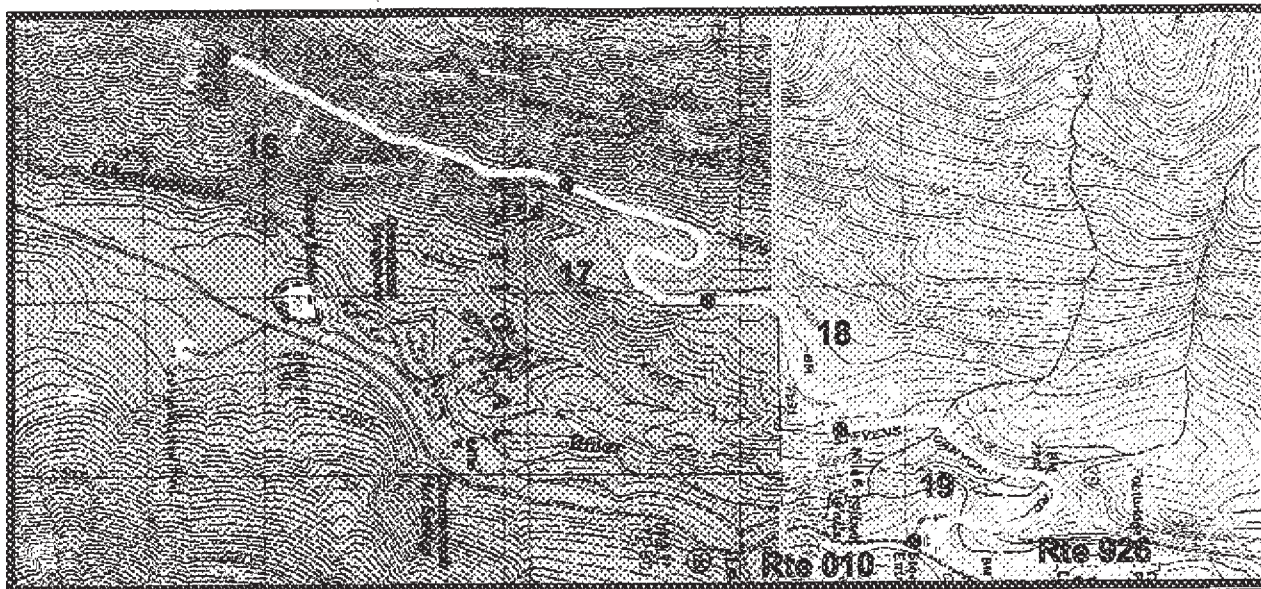
TOTAL LENGTH: 19.00 Miles

Section Number	11	12	13	14	15
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	397	397	397	397	479
SADT	1091	1091	1091	1091	1530
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	85	86	84	85	79
Roughness Index	81	85	78	81	65
SCR (Surface Condition Rating)	88	87	89	88	89
Alligator Cracking	100	100	100	100	100
Rutting Index	87	83	87	89	90
Patching Index	100	100	100	100	100
Transverse Cracking	98	99	99	97	98
Longitudinal Cracking	100	100	100	99	99
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	90	90	90	90	90

COMMENTS:

- MP 13.20 R2-01, Three land point, good condition
- MP 13.70 R2-02, Guardwall, paved ditch
- MP 14.10 R2-03, Localized distress (subgrade)
- MP 15.70 R2-04, Distress and blade patching

ROUTE: 013 Stevens Canyon Rd.



PCR Excellent Good Fair Poor DCR Poor
 * If the PCR rating is not available for a section, the SCR rating will be displayed



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 013 Stevens Canyon Rd.

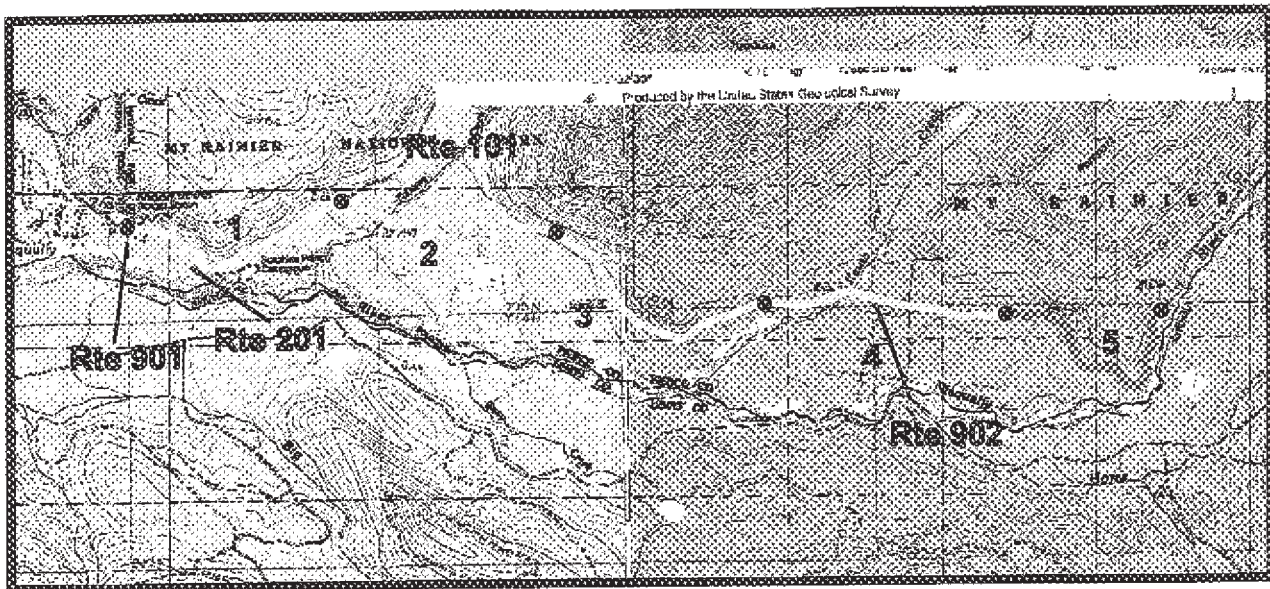
TOTAL LENGTH: 19.00 Miles

	16	17	18	19
Section Number	16	17	18	19
Section Length (mi)	1.00	1.00	1.00	1.00
AADT	479	479	479	479
SADT	1530	1530	1530	1530
ADT Date	NA	NA	NA	NA
Cross Section Information				
Number of Lanes	2	2	2	2
Paved Width (ft)	24	24	24	24
Lane Width (ft)	12	12	12	12
Shoulder Width (ft)	0	0	0	0
Roadway Condition Information				
PCR (Pavement Condition Rating)	84	81	77	66
Roughness Index	77	70	61	45
SCR (Surface Condition Rating)	88	88	87	81
Alligator Cracking	100	100	100	99
Rutting Index	87	88	88	88
Patching Index	100	100	100	100
Transverse Cracking	98	98	98	95
Longitudinal Cracking	99	99	98	96
Shoulder Condition Rating	G	G	G	G
Drainage Condition Rating	90	90	90	90

ROUTE: 013 Stevens Canyon Rd.

COMMENTS:

- MP 17.00 R2-05, Subgrade failure
- MP 18.40 R2-06, Decade patch and mill
- MP 18.90 R2-07, Contact station: East side
- MP 19.00 End of Route at Intersection with Rte 010



Northwest Region
 Mount Rainier National Park : MORA : 9450

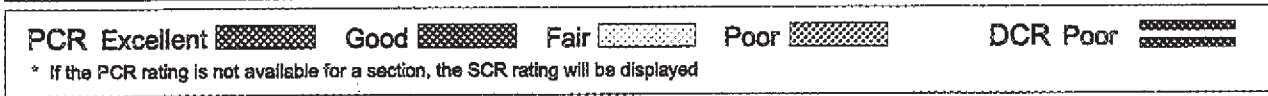
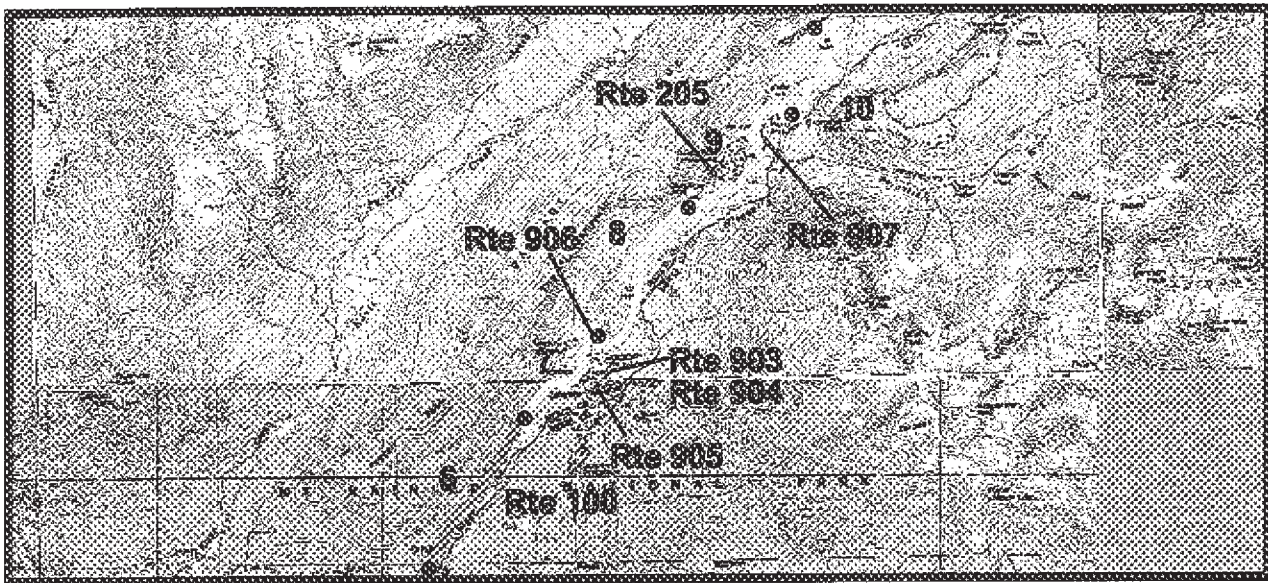
ROUTE: 014 Nisqually-Paradise Rd. TOTAL LENGTH: 17.58 Miles

Section Number	1	2	3	4	5
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	1375	1375	1375	1375	1163
SADT	1724	1724	1724	1724	1724
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	68	74	69	74	61
Roughness Index	60	59	58	64	58
SCR (Surface Condition Rating)	73	84	77	80	63
Alligator Cracking	99	100	99	99	98
Rutting Index	91	88	91	89	88
Patching Index	100	100	100	100	100
Transverse Cracking	88	96	89	94	82
Longitudinal Cracking	94	98	96	96	93
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	G	G	G	G	G

COMMENTS:

- MP 0.00 R1-01, Beginning of Route at west end contact station
- MP 1.20 R1-02, Poor chip seal
- MP 3.20 R1-03, Poor chip seal looking back
- MP 4.00 R1-04, New overlay

ROUTE: 014 Nisqually-Paradise Rd.



Northwest Region
 Mount Rainier National Park : MORA : 9450

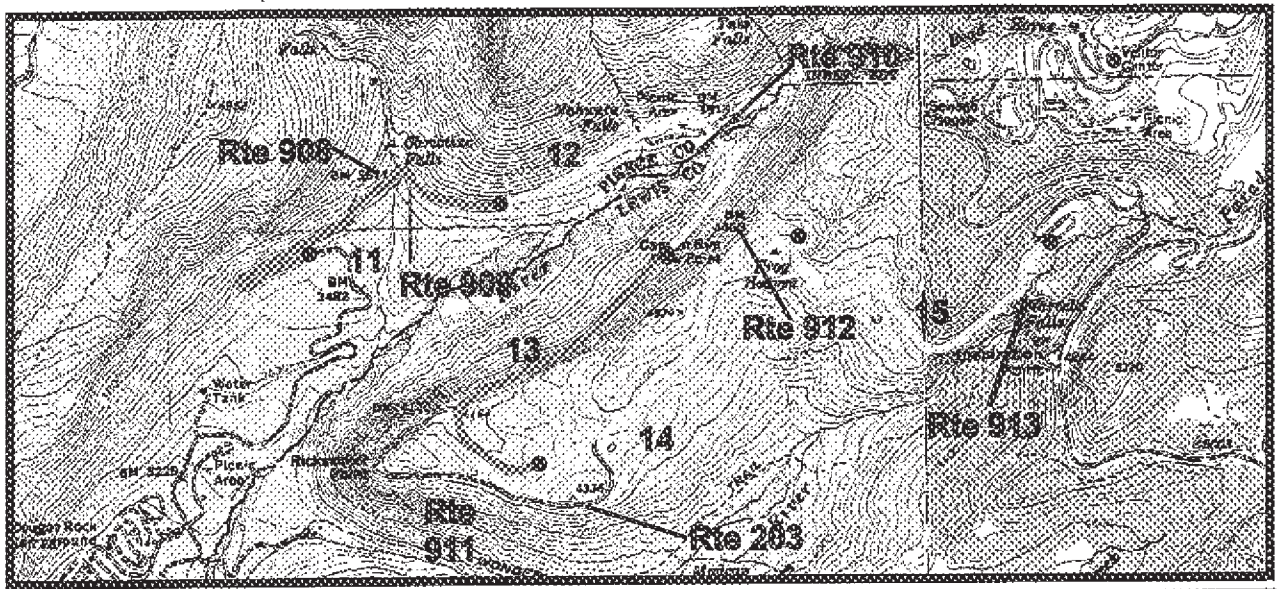
ROUTE: 014 Nisqually-Paradise Rd. TOTAL LENGTH: 17.58 Miles

Section Number	6	7	8	9	10
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	1163	1163	1163	1163	737
SADT	1724	1724	1724	1724	NA
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	56	67	70	75	67
Roughness Index	52	70	72	76	75
SCR (Surface Condition Rating)	60	64	69	75	62
Alligator Cracking	98	98	99	99	97
Rutting Index	91	84	90	86	93
Patching Index	100	100	100	100	100
Transverse Cracking	78	84	87	90	79
Longitudinal Cracking	92	93	92	96	92
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	G	G	G	G	G

ROUTE: 014 Nisqually-Paradise Rd.

COMMENTS:

- MP 6.30 R1-05, Longmire Inn and maintenance area
- MP 8.50 R1-06, Covered picnic with campground widening
- MP 10.60 R1-07, Historic rock wall



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 014 Nisqually-Paradise Rd.

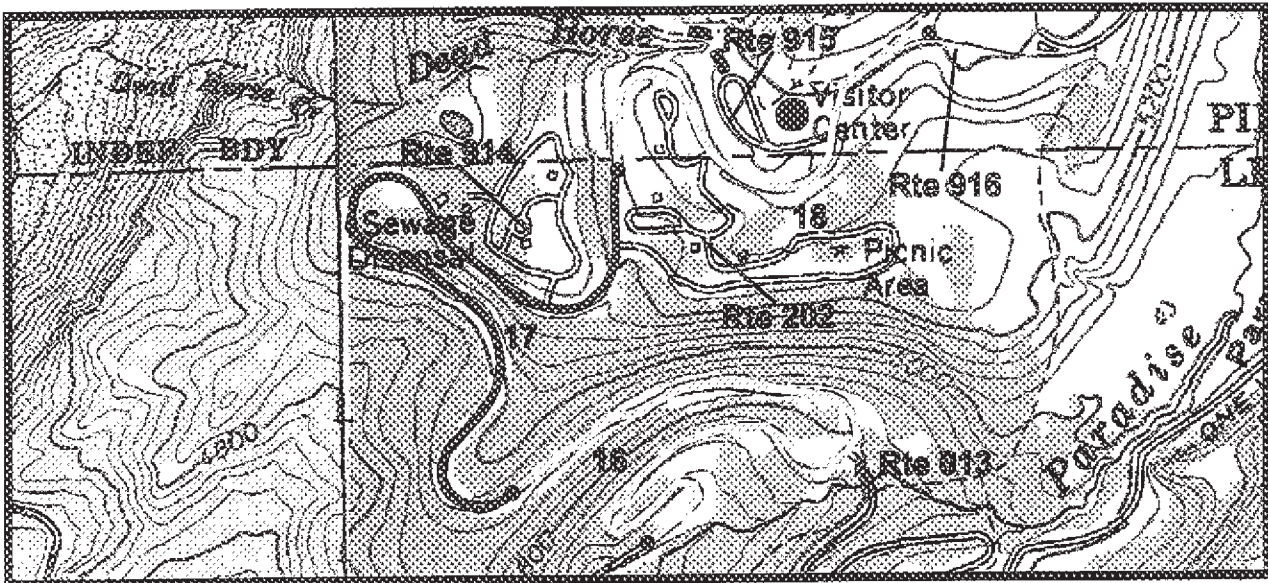
TOTAL LENGTH: 17.58 Miles

Section Number	11	12	13	14	15
Section Length (mi)	1.00	1.00	1.00	1.00	1.00
AADT	737	737	737	737	737
SADT	NA	NA	NA	NA	NA
ADT Date	NA	NA	NA	NA	NA
Cross Section Information					
Number of Lanes	2	2	2	2	2
Paved Width (ft)	24	24	24	24	24
Lane Width (ft)	12	12	12	12	12
Shoulder Width (ft)	0	0	0	0	0
Roadway Condition Information					
PCR (Pavement Condition Rating)	59	70	59	69	79
Roughness Index	65	71	74	75	64
SCR (Surface Condition Rating)	54	69	49	65	89
Alligator Cracking	95	98	92	95	100
Rutting Index	87	87	93	89	88
Patching Index	100	100	100	100	100
Transverse Cracking	76	84	72	85	98
Longitudinal Cracking	92	97	90	94	100
Shoulder Condition Rating	G	G	G	G	G
Drainage Condition Rating	G	G	G	G	G

ROUTE: 014 Nisqually-Paradise Rd.

COMMENTS:

- MP 12.40 R1-08, Rock wall, typical pavement section
- MP 14.60 R1-09, Looking back, typical pavement section
- MP 15.50 R1-10, Mill section



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

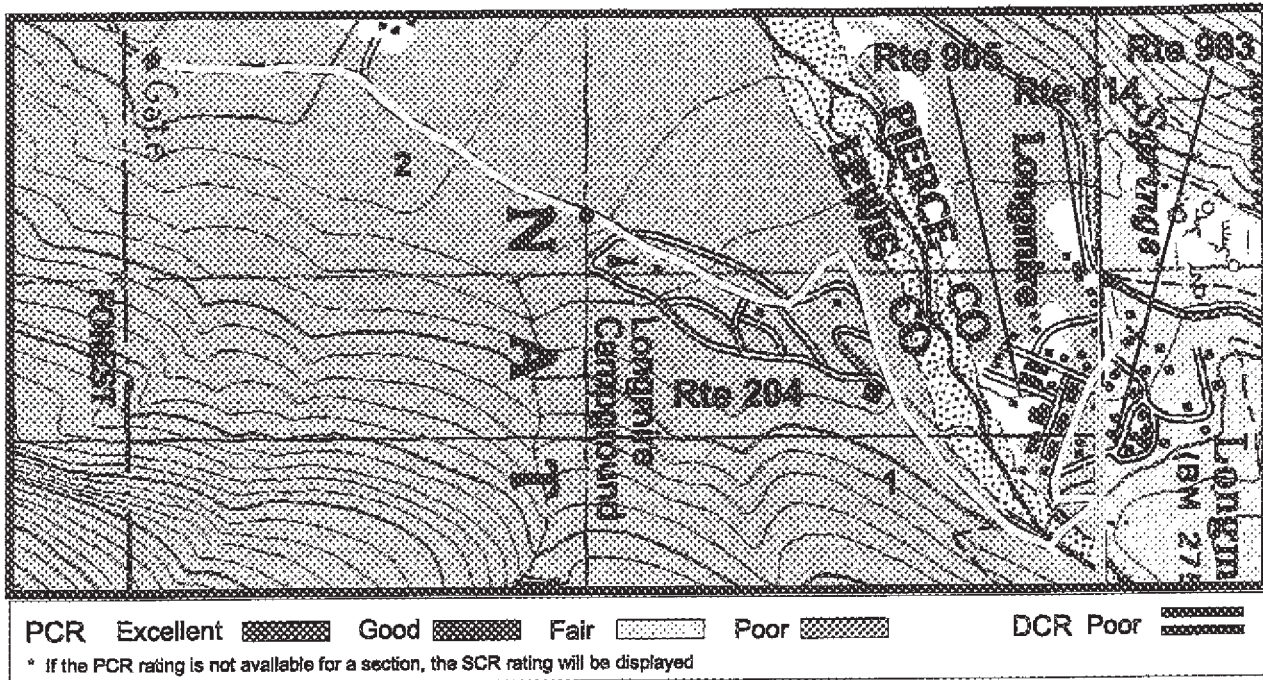
ROUTE: 014 Nisqually-Paradise Rd. TOTAL LENGTH: 17.58 Miles

	16	17	18		
Section Number	16	17	18		
Section Length (mi)	1.00	1.00	0.58		
AADT	737	737	737		
SADT	NA	NA	NA		
ADT Date	NA	NA	NA		
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	24	24	24		
Lane Width (ft)	12	12	12		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	79	86	84		
Roughness Index	69	84	78		
SCR (Surface Condition Rating)	85	87	88		
Alligator Cracking	100	100	100		
Rutting Index	90	84	86		
Patching Index	100	100	100		
Transverse Cracking	97	99	99		
Longitudinal Cracking	97	98	98		
Shoulder Condition Rating	G	G	G		
Drainage Condition Rating	G	G	G		

COMMENTS:

MP 17.58 End of Route at lodge parking, Rte 916

ROUTE: 014 Nisqually-Paradise Rd.



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 100 Longmire Backroad

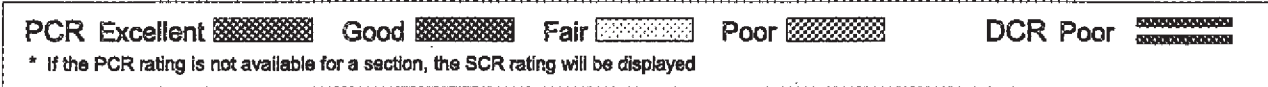
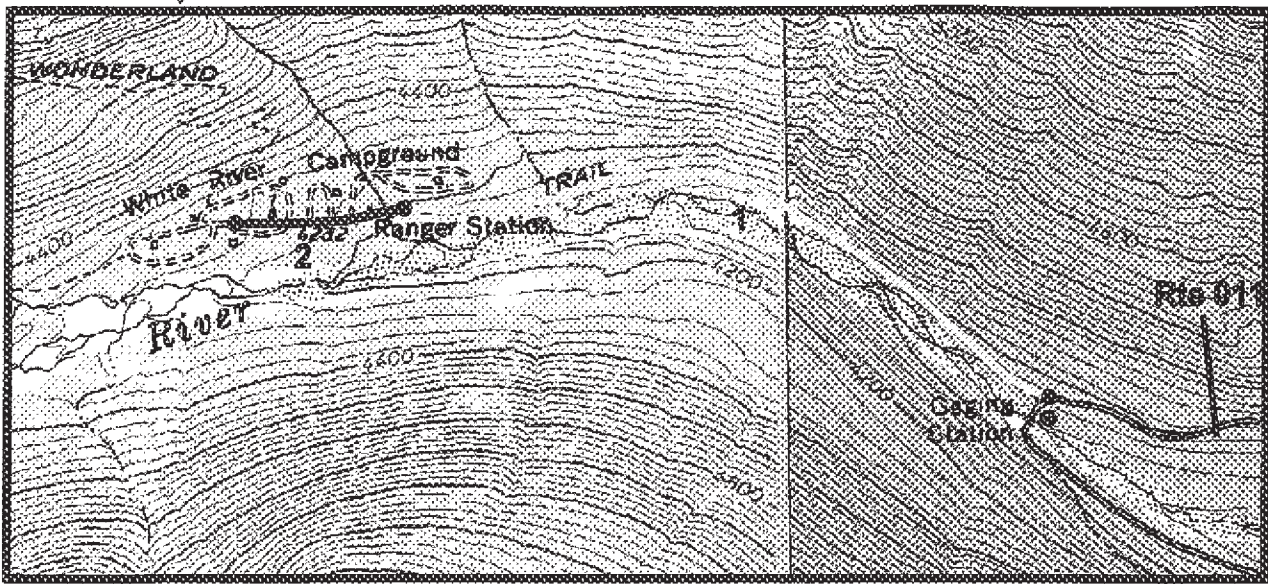
TOTAL LENGTH: 1.46 Miles

Section Number	1	2			
Section Length (mi)	1.00	0.46			
AADT	NA	NA			
SADT	NA	NA			
ADT Date	NA	NA			
Cross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	20	20			
Lane Width (ft)	10	10			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	NA	64			
Roughness Index	25	38			
SCR (Surface Condition Rating)	66	80			
Alligator Cracking	97	99			
Rutting Index	91	93			
Patching Index	100	100			
Transverse Cracking	84	91			
Longitudinal Cracking	92	96			
Shoulder Condition Rating	G	G			
Drainage Condition Rating	G	G			

ROUTE: 100 Longmire Backroad

COMMENTS:

MP 0.00 R1-01, West end contact station, beginning of route, intersection with route 014
 MP 1.46 End of route at gate



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 200 White River Campground

TOTAL LENGTH: 1.24 Miles

Section Number	1	2			
Section Length (mi)	1.00	0.24			
AADT	128	128			
SADT	NA	NA			
ADT Date	NA	NA			
Gross Section Information					
Number of Lanes	2	2			
Paved Width (ft)	20	20			
Lane Width (ft)	10	10			
Shoulder Width (ft)	0	0			
Roadway Condition Information					
PCR (Pavement Condition Rating)	73	NA			
Roughness Index	63	47			
SCR (Surface Condition Rating)	80	87			
Alligator Cracking	100	100			
Rutting Index	90	93			
Patching Index	100	100			
Transverse Cracking	91	95			
Longitudinal Cracking	98	98			
Shoulder Condition Rating	G	G			
Drainage Condition Rating	89	89			

COMMENTS:

- MP 0.00 R3-18, Beginning of Route at Rte 011
- MP 0.13 R3-19, Typical pavement section
- MP 1.00 R3-20, Start campground area
- MP 1.24 R3-21, End of Route

ROUTE: 200 White River Campground



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 202 Paradise Picnic Area Road

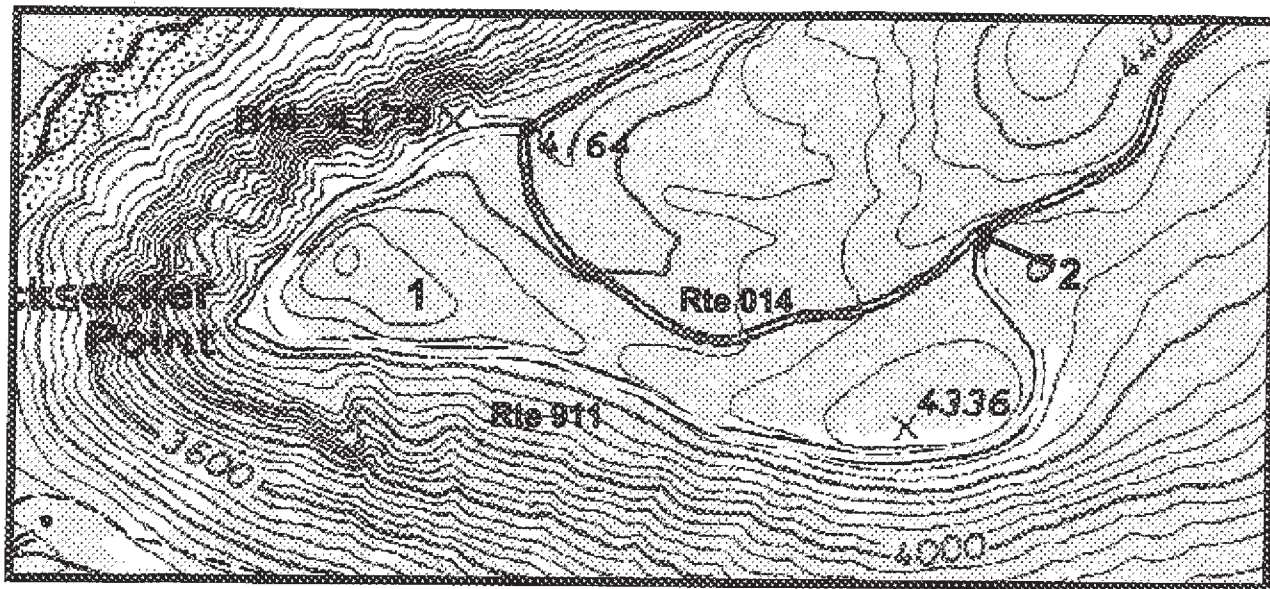
TOTAL LENGTH: 0.86 Miles

Section Number	1				
Section Length (mi)	0.86				
AADT	NA				
SADT	NA				
ADT Date	NA				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	NA				
Roughness Index	58				
SCR (Surface Condition Rating)	84				
Alligator Cracking	100				
Rutting Index	91				
Patching Index	100				
Transverse Cracking	94				
Longitudinal Cracking	97				
Shoulder Condition Rating	G				
Drainage Condition Rating	G				

ROUTE: 202 Paradise Picnic Area Road

COMMENTS:

- MP 0.00 Beginning of Route from Rte 014
- MP 0.20 R3-22, Typical pavement section
- MP 0.50 R3-23, Typical curb and gutter
- MP 0.70 R3-24, Main parking area
- MP 0.86 R3-25, End of Route at Rte 014



PCR Excellent Good Fair Poor DCR Poor
 * If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 203 Miller Cutoff

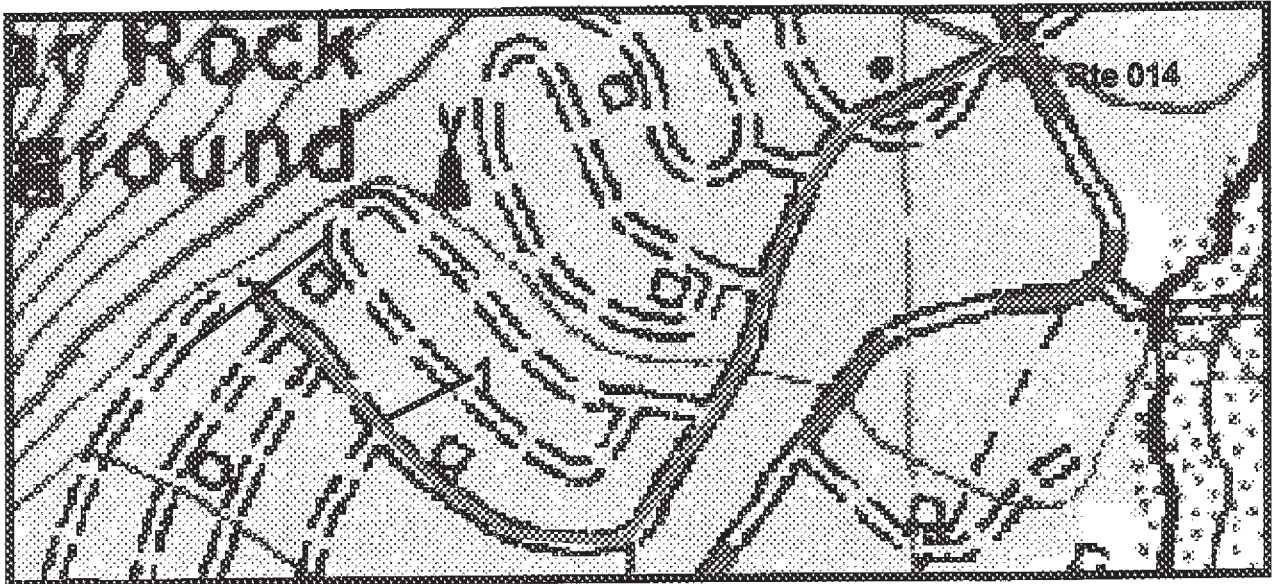
TOTAL LENGTH: 1.02 Miles

Section Number	1	2			
Section Length (mi)	1.00	0.02			
AADT	NA	NA			
SADT	NA	NA			
ADT Date	NA	NA			
Cross Section Information					
Number of Lanes	1	1			
Paved Width (ft)	14	14			
Lane Width (ft)	14	14			
Shoulder Width (ft)	6	6			
Roadway Condition Information					
PCR (Pavement Condition Rating)	81	NA			
Roughness Index	76	52			
SCR (Surface Condition Rating)	82	84			
Alligator Cracking	100	100			
Rutting Index	92	92			
Patching Index	100	100			
Transverse Cracking	92	100			
Longitudinal Cracking	97	92			
Shoulder Condition Rating	100	100			
Drainage Condition Rating	100	100			

COMMENTS:

MP 0.00 Beginning of Route at Rte 014
 MP 1.02 End Route at Rte 014

ROUTE: 203 Miller Cutoff



PCR Excellent Good Fair Poor DCR Poor

* If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

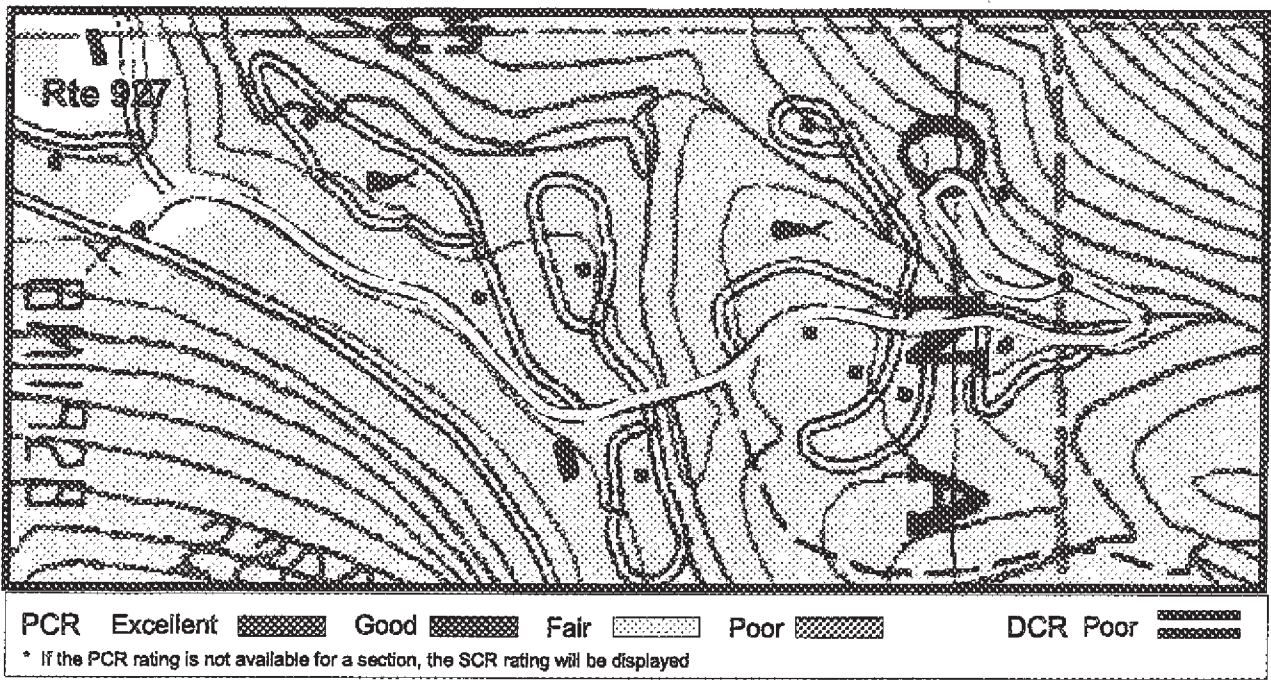
ROUTE: 205 Cougar Rock Campground Road TOTAL LENGTH: 0.34 Miles

Section Number	1				
Section Length (mi)	0.34				
AADT	NA				
SADT	NA				
ADT Date	NA				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	20				
Lane Width (ft)	10				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	60				
Roughness Index	50				
SCR (Surface Condition Rating)	67				
Alligator Cracking	97				
Rutting Index	87				
Patching index	100				
Transverse Cracking	87				
Longitudinal Cracking	93				
Shoulder Condition Rating	G				
Drainage Condition Rating	G				

ROUTE: 205 Cougar Rock Campground Road

COMMENTS:

- MP 0.00 Beginning of route, at Rte 014 west
- MP 0.08 R4-01, Rock wall, typical pavement section
- MP 0.20 R4-02, Main parking area
- MP 0.34 End of Route at Rte 014 East



Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 206 Ohanapecosh Campground

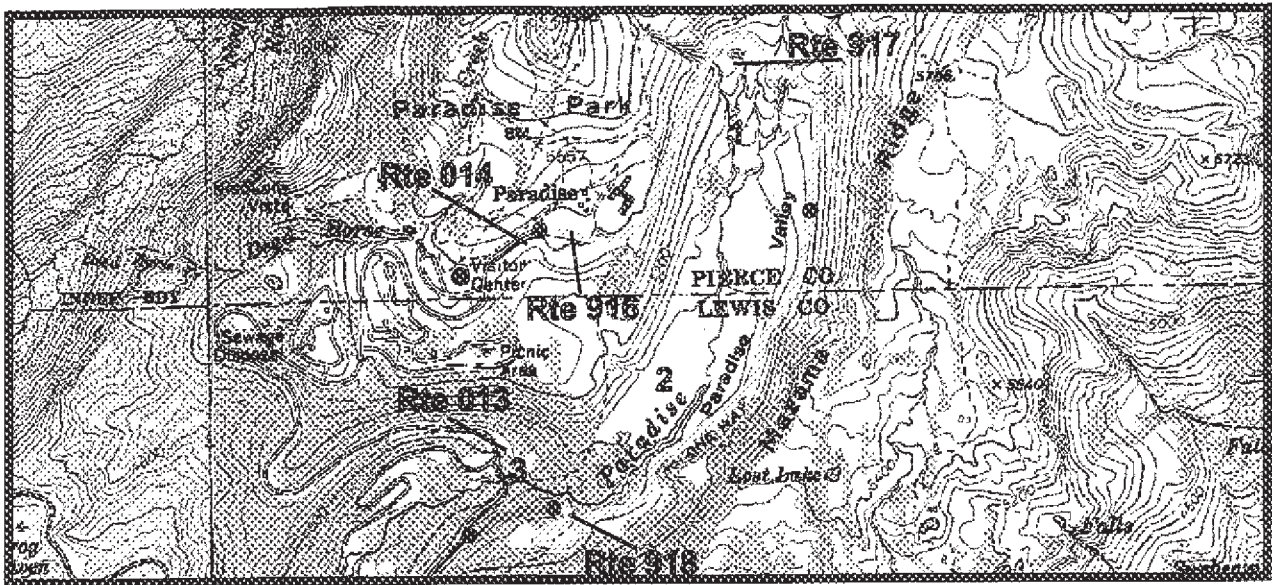
TOTAL LENGTH: 0.92 Miles

Section Number	1				
Section Length (mi)	0.92				
AADT	NA				
SADT	NA				
ADT Date	NA				
Cross Section Information					
Number of Lanes	2				
Paved Width (ft)	12				
Lane Width (ft)	12				
Shoulder Width (ft)	0				
Roadway Condition Information					
PCR (Pavement Condition Rating)	NA				
Roughness Index	44				
SCR (Surface Condition Rating)	77				
Alligator Cracking	99				
Rutting Index	92				
Patching Index	100				
Transverse Cracking	86				
Longitudinal Cracking	97				
Shoulder Condition Rating	G				
Drainage Condition Rating	90				

COMMENTS:

- MP 0.00 Begin at Rte 010
- MP 0.20 R2-08, Visitors Center
- MP 0.30 R2-09, Bridge in campground
- MP 0.70 R2-10, Typical pavement section. Split and loop
- MP 0.92 End at End of Loop

ROUTE: 206 Ohanapecosh Campground



PCR Excellent Good Fair Poor DCR Poor
 * If the PCR rating is not available for a section, the SCR rating will be displayed

Northwest Region
 Mount Rainier National Park : MORA : 9450

ROUTE: 500 Valley Road

TOTAL LENGTH: 2.18 Miles

Section Number	1	2	3		
Section Length (mi)	1.00	1.00	0.18		
AADT	943	943	943		
SADT	3012	3012	3012		
ADT Date	NA	NA	NA		
Cross Section Information					
Number of Lanes	2	2	2		
Paved Width (ft)	20	20	20		
Lane Width (ft)	10	10	10		
Shoulder Width (ft)	0	0	0		
Roadway Condition Information					
PCR (Pavement Condition Rating)	67	63	34		
Roughness Index	40	37	31		
SCR (Surface Condition Rating)	85	76	40		
Alligator Cracking	100	99	99		
Rutting Index	89	91	87		
Patching Index	100	100	100		
Transverse Cracking	95	87	52		
Longitudinal Cracking	99	97	93		
Shoulder Condition Rating	G	G	G		
Drainage Condition Rating	G	G	G		

ROUTE: 500 Valley Road

COMMENTS:

- MP 0.00 R1-11, Beginning of Route at Rte 916/014, typical pavement section and rock wall
- MP 0.90 R1-12, typical pavement section
- MP 1.20 R1-13, Degenerated overlay
- MP 2.18 End of route at Rte 013

Mount Rainier National Park

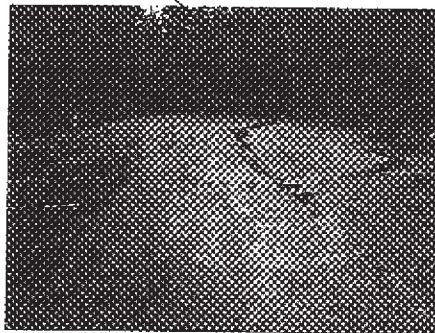
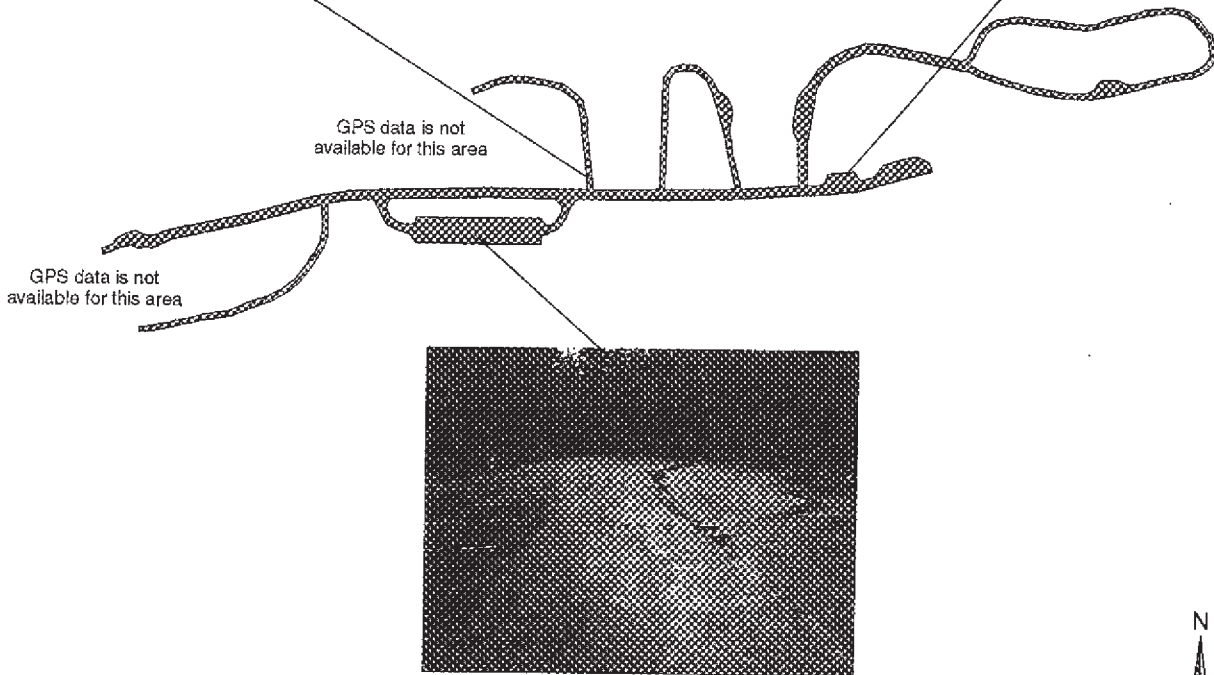
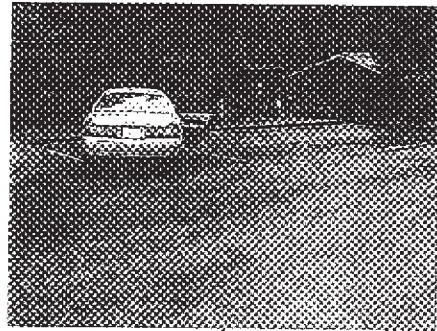
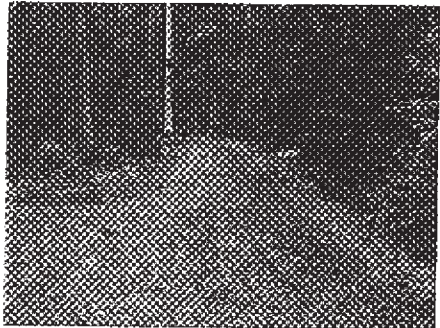
Route 200P

White River Campground
From Rte. 011 through Campground

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
200P	WA	981008			77021	1.33	GOOD

Note: Area and lane mile calculations do not include the main thoroughfare through the campground (pg 5-20)

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * Area and lane miles numbers do not include areas that lack GPS data



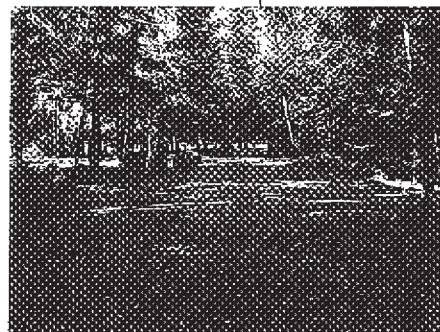
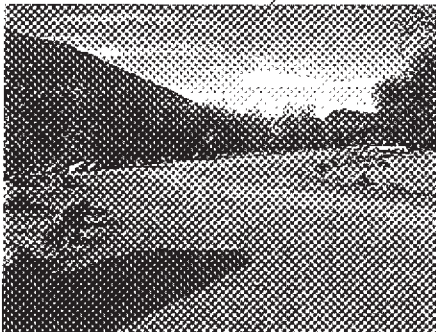
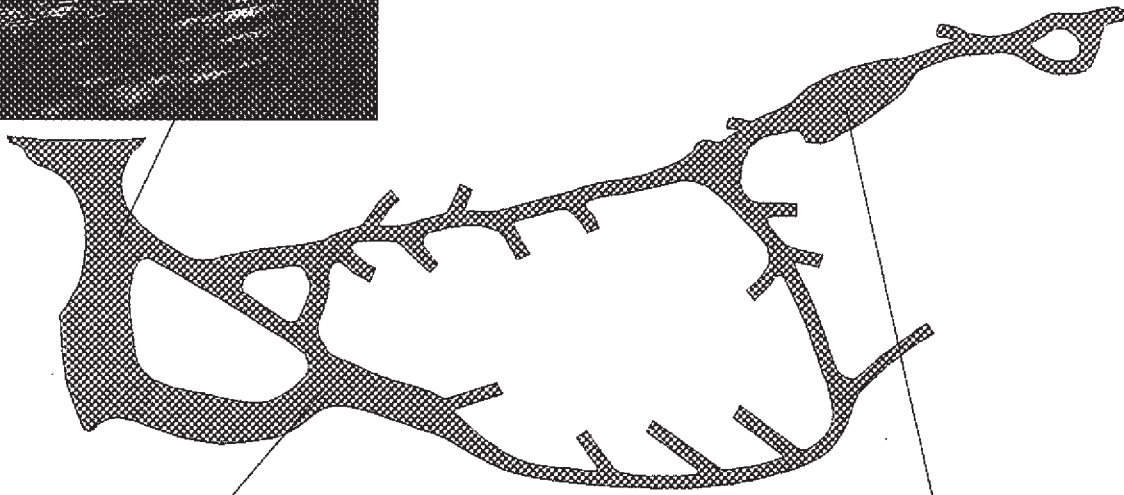
Mount Rainier National Park

Route 201P

Sunshine Point Campground
From Rte. 014 through Campground

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
201P	WA	981			56594	0.97	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



200 0 200 400 Feet



Mount Rainier National Park

Route 202P

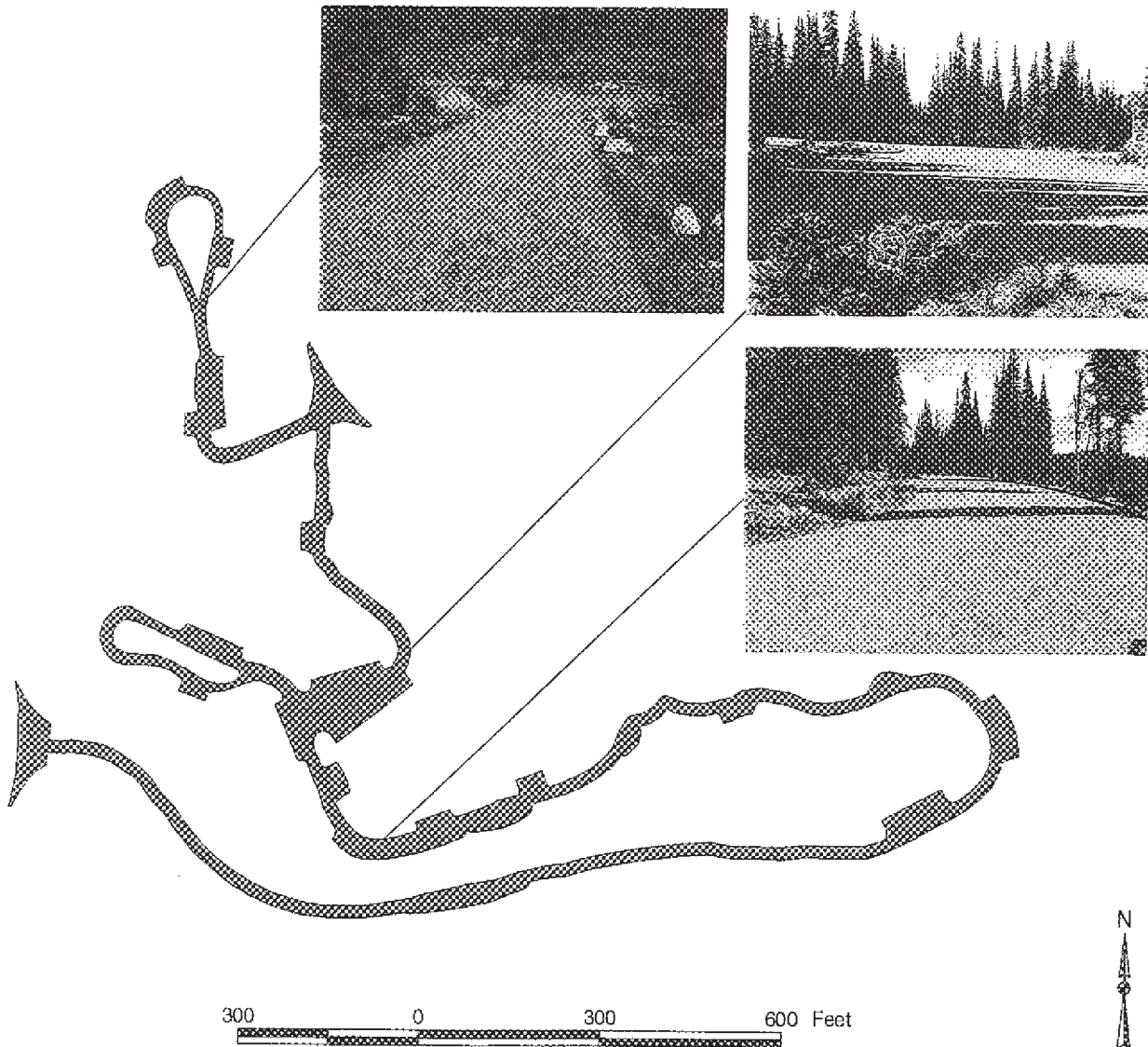
Paradise Picnic Area

From Rte. 014 South, North through Picnic Area to Rte. 014 North

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
202P	WA	981007			59907	1.03	GOOD

Note: Area and lane mile calculations do not include the main thoroughfare through the campground (pg 5-21)

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

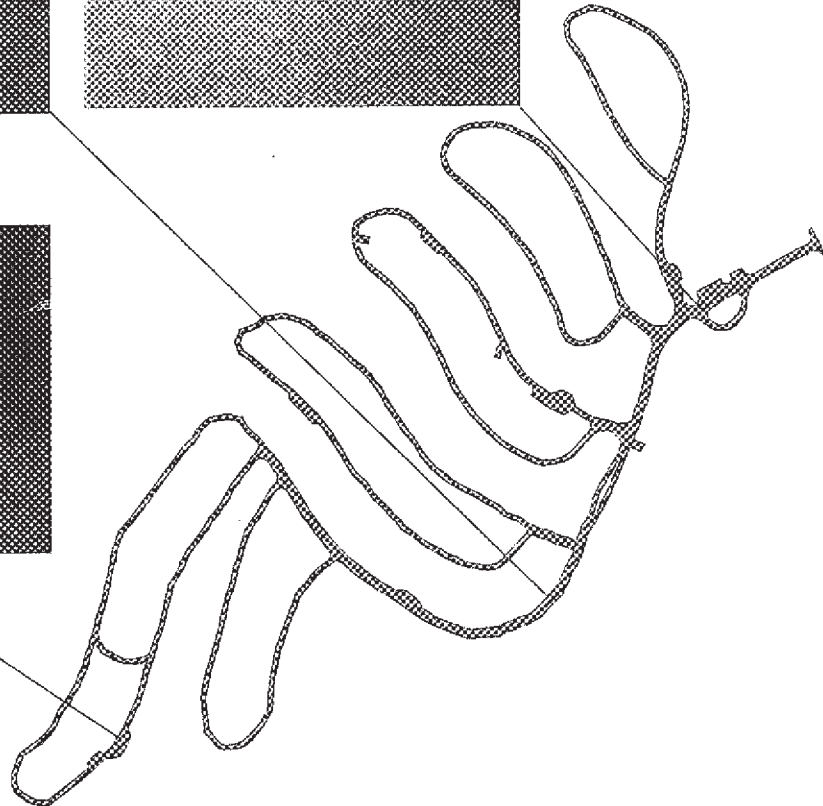
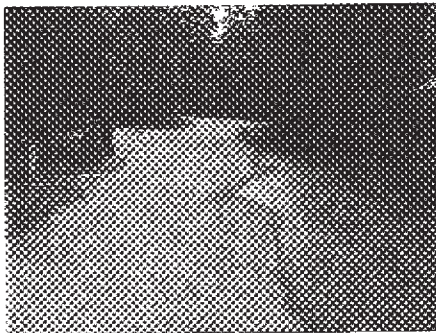
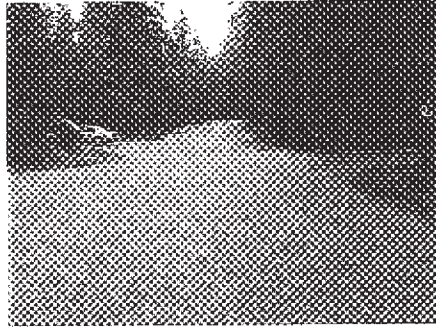
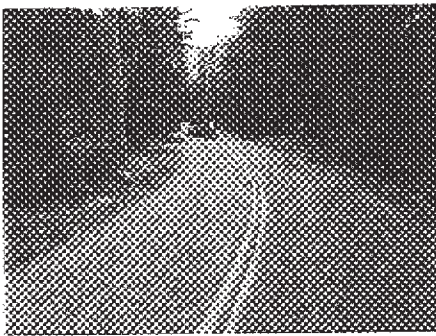
Route 205P

Cougar Rock Campground From Rte. 014 through Campground

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
205P	WA	981007			156773	2.70	GOOD

Note: Area and lane mile calculations do not include the main thoroughfare through the campground (pg 5-23)

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * Area and lane miles numbers do not include areas that lack GPS data



GPS data is not available for some parking areas on this loop



Mount Rainier National Park

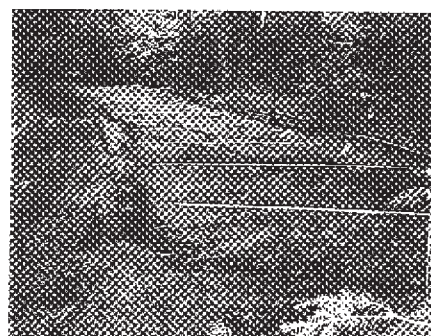
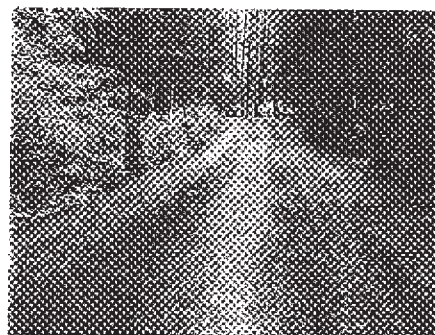
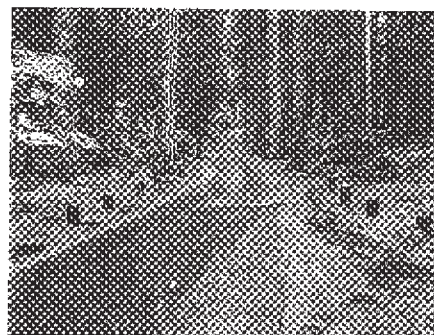
Route 206P

Ohanapecosh Campground
From Rte. 010 through Campground

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
206P	WA	981008					GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * There are no area and lane miles numbers when GPS data is not available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

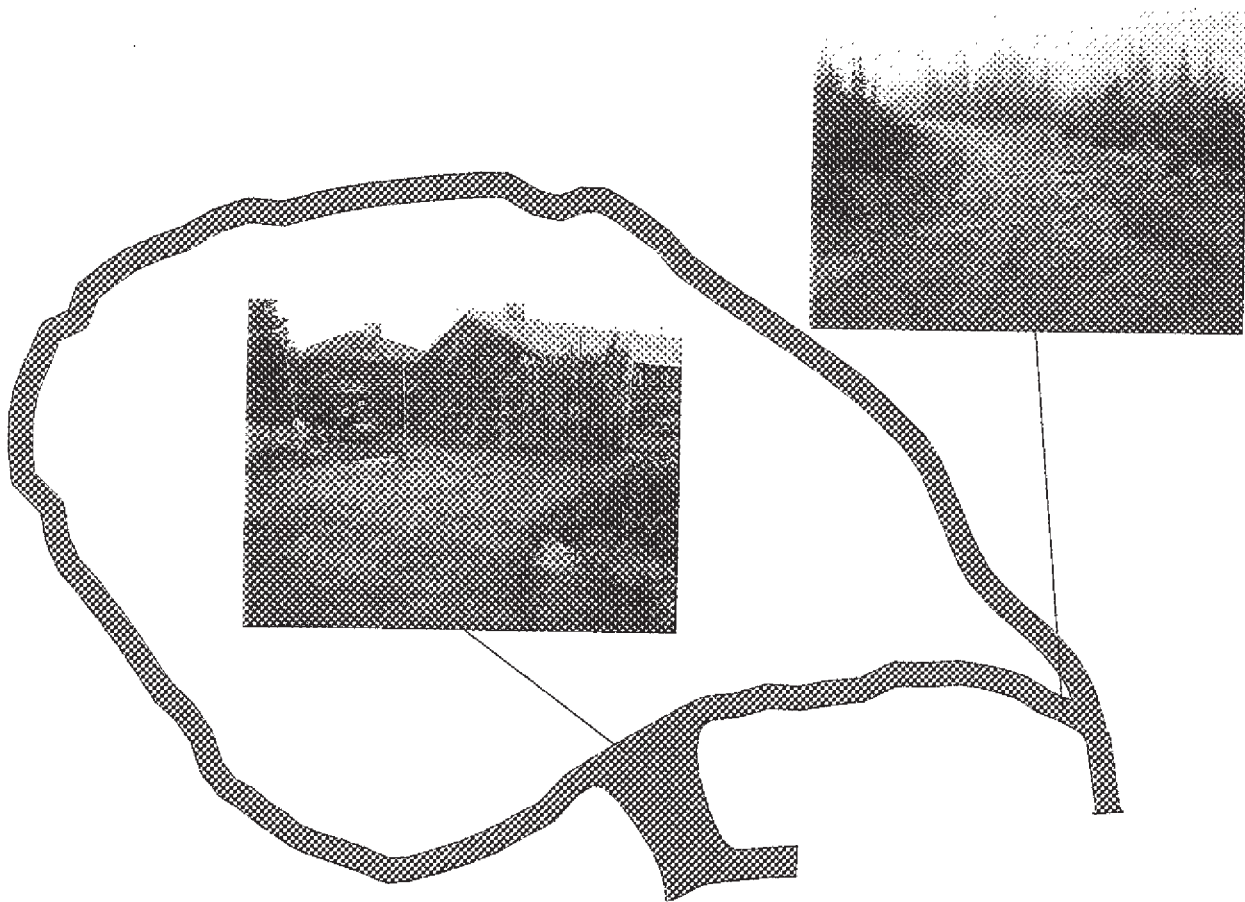
Route 209N

Sunrise Picnic Area

From Rte. 935 through Picnic Area

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
209N	WA				37114	0.64	POOR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 400N

Tahoma Woods Housing/Administration Area

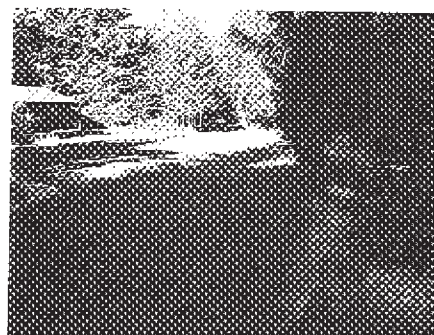
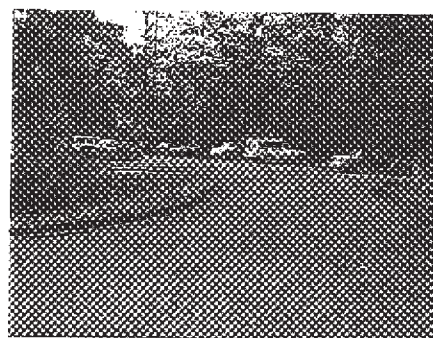
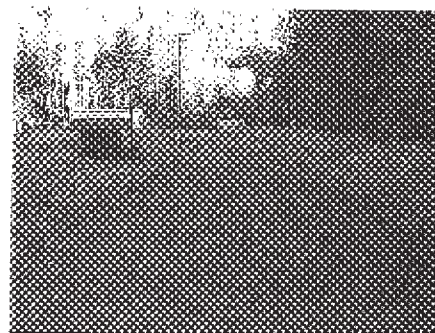
From SR 706 through Housing/Admin. Area

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
400N	WA	981006					FAIR

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available



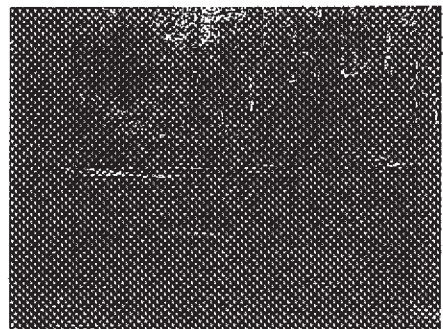
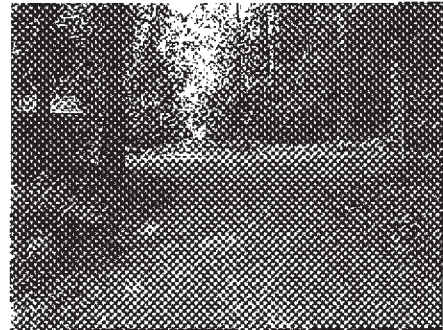
NO GPS
DATA
AVAILABLE

Mount Rainier National Park
Route 901N
Nisqually Entrance Service Area Parking
From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
901N	WA	981006					GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

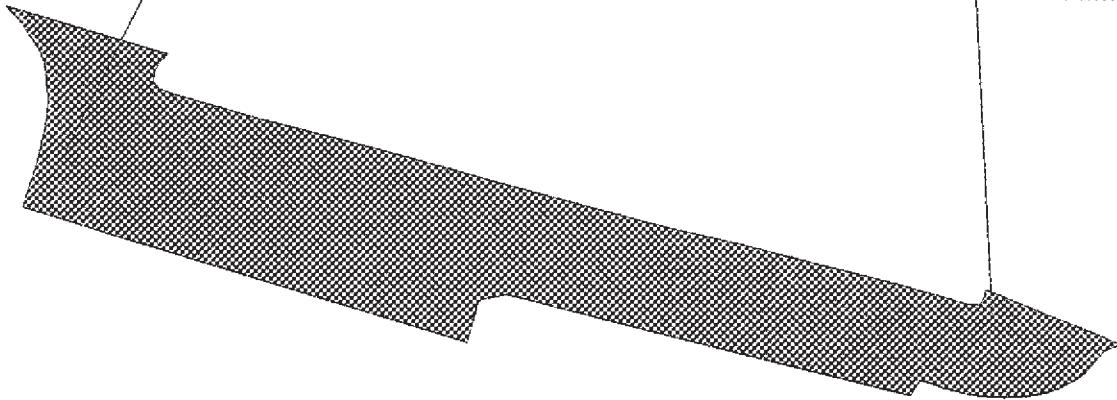
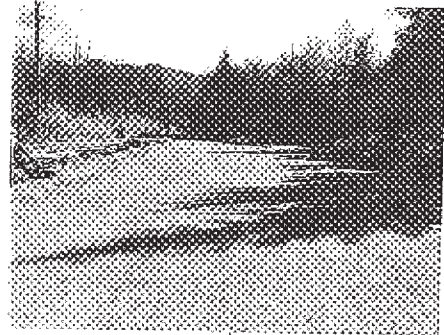
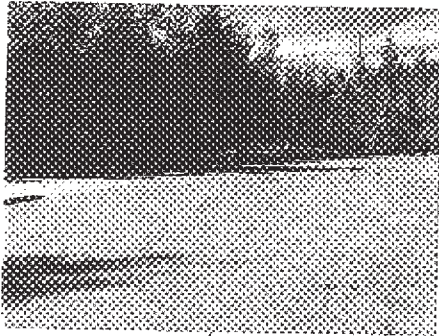
Route 902P

Kautz Creek Trailhead Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
902P	WA	981007			17750	0.31	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

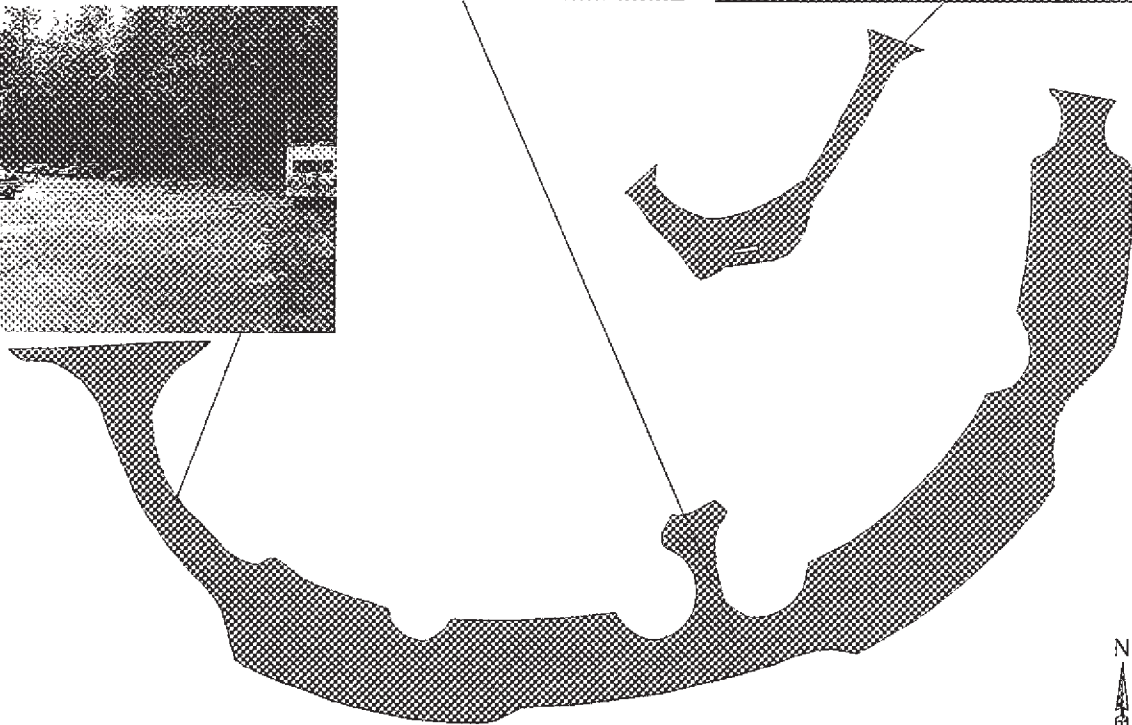
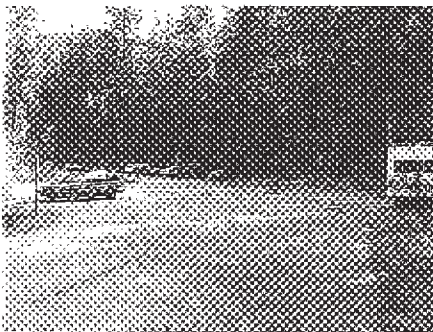
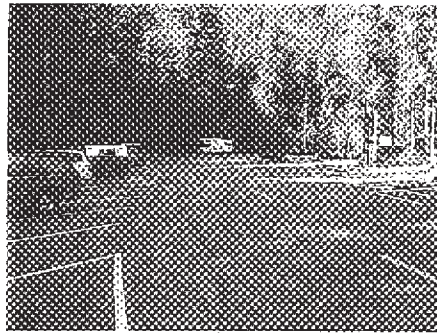
Route 903P

Longmire Ranger Station Loop

From Rte. 014, through Loop, to Rte. 100

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
903P	WA	981006			61436	1.06	FAIR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 904N

Longmire Residence Area

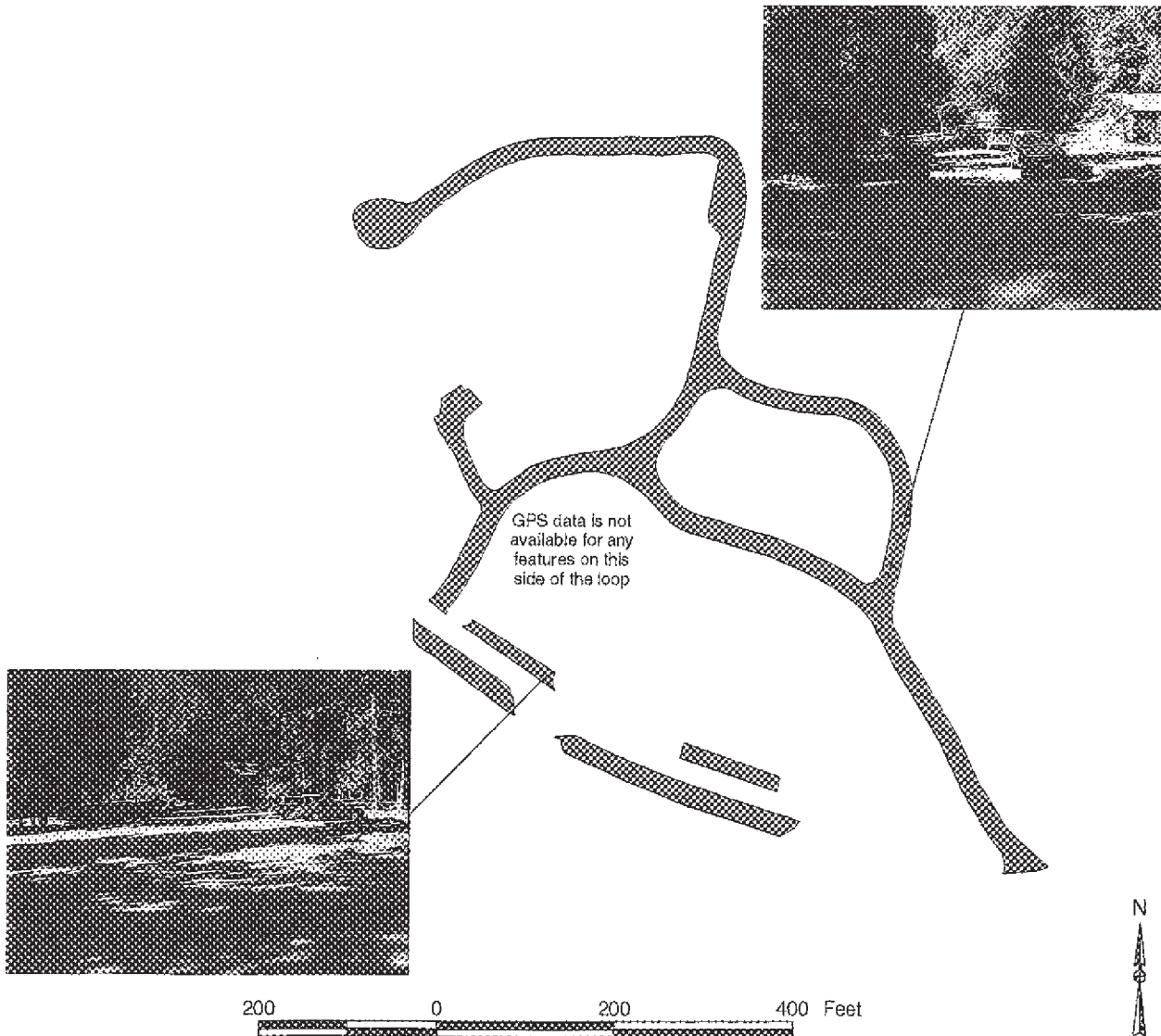
From Rte. 100 to Residences

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
904N	WA	981006			82123	1.41	GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* Area and lane miles numbers don't include areas that lack GPS data



Mount Rainier National Park

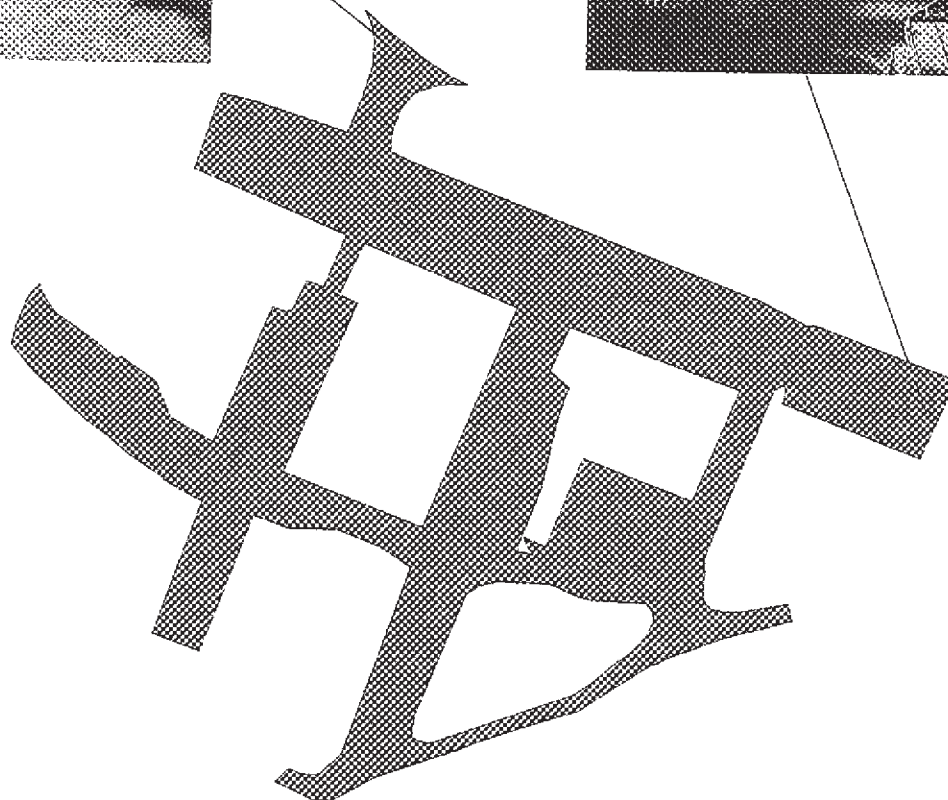
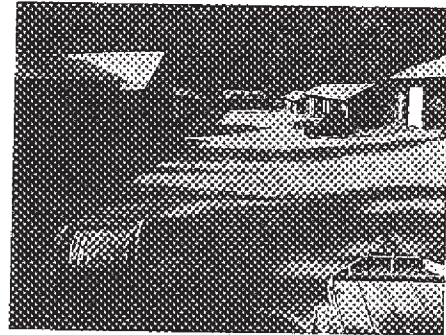
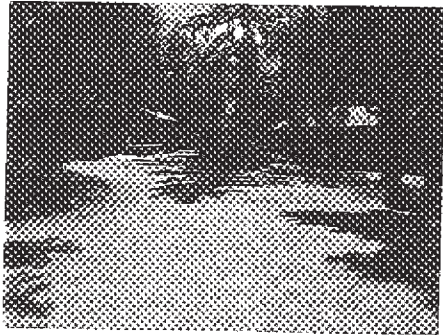
Route 905N

Longmire Maintenance Area

From Rte. 100 to Maintenance Area

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
905N	WA	981006			105693	1.82	FAIR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 906P

Wonderland Trail Parking

From Rte. 014 to Parking

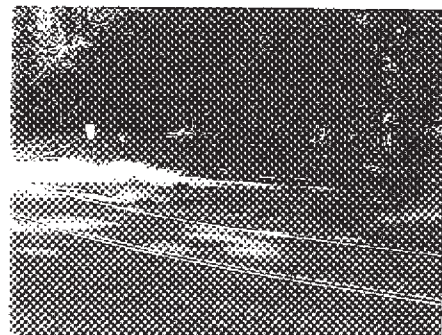
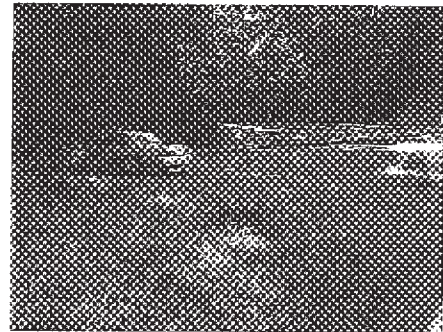
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
906P	WA	981007					GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

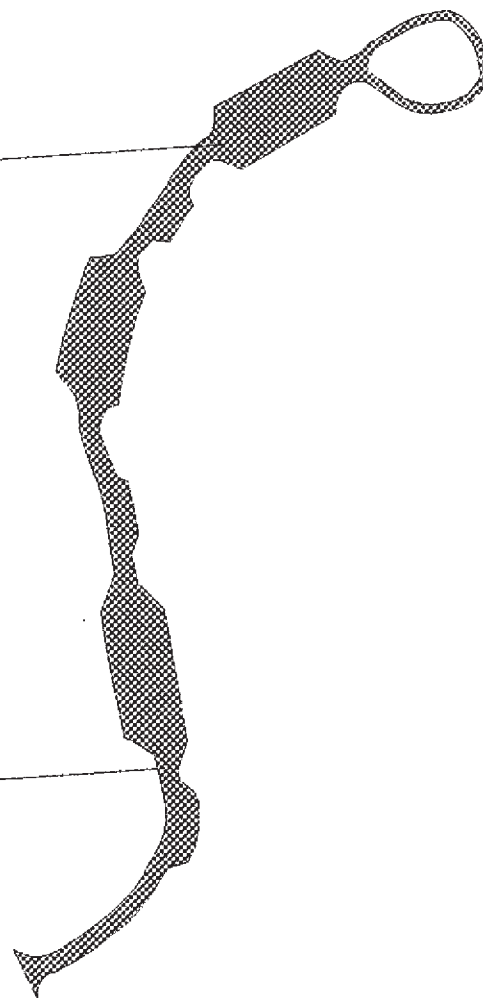
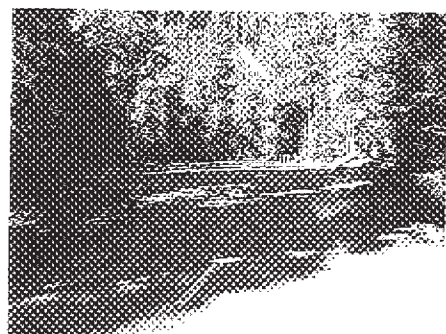
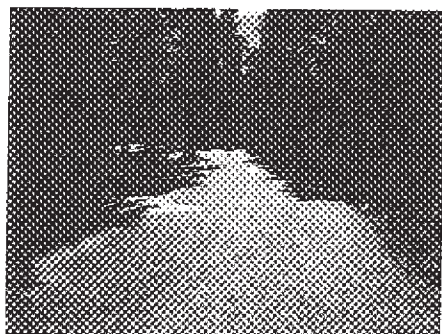
Route 907P

Cougar Rock Picnic Area

From Rte. 014 to Picnic Area

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
907P	WA	981006			51750	0.89	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 908P

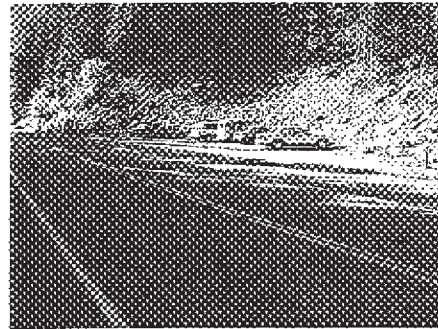
Van Trump Park Trailhead Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
908P	WA	981006					GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

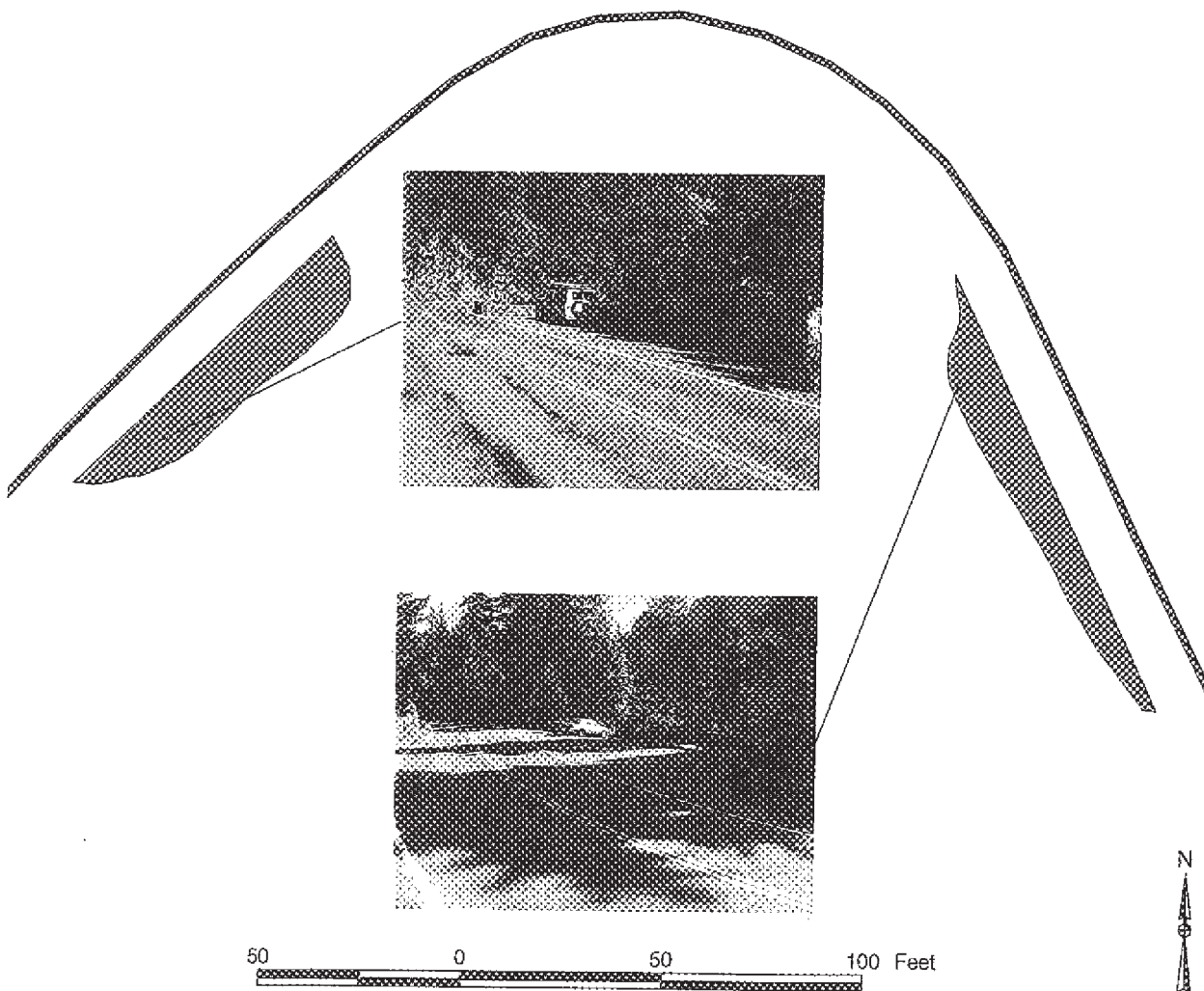
Route 909P

Christine Falls Viewpoint Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
909P	WA	981006			2104	0.04	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

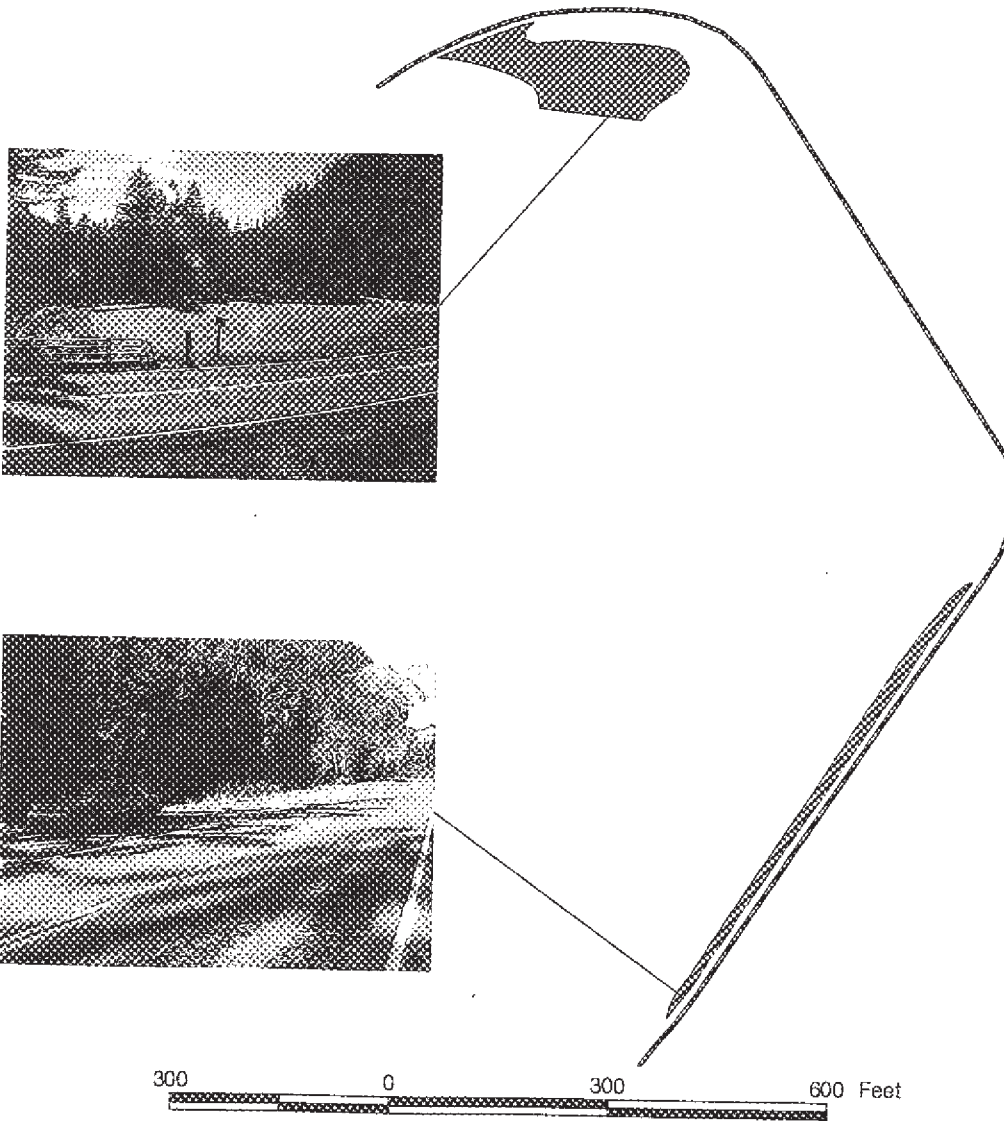
Route 910P

Nisqually River Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
910P	WA	981006			33380	0.57	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

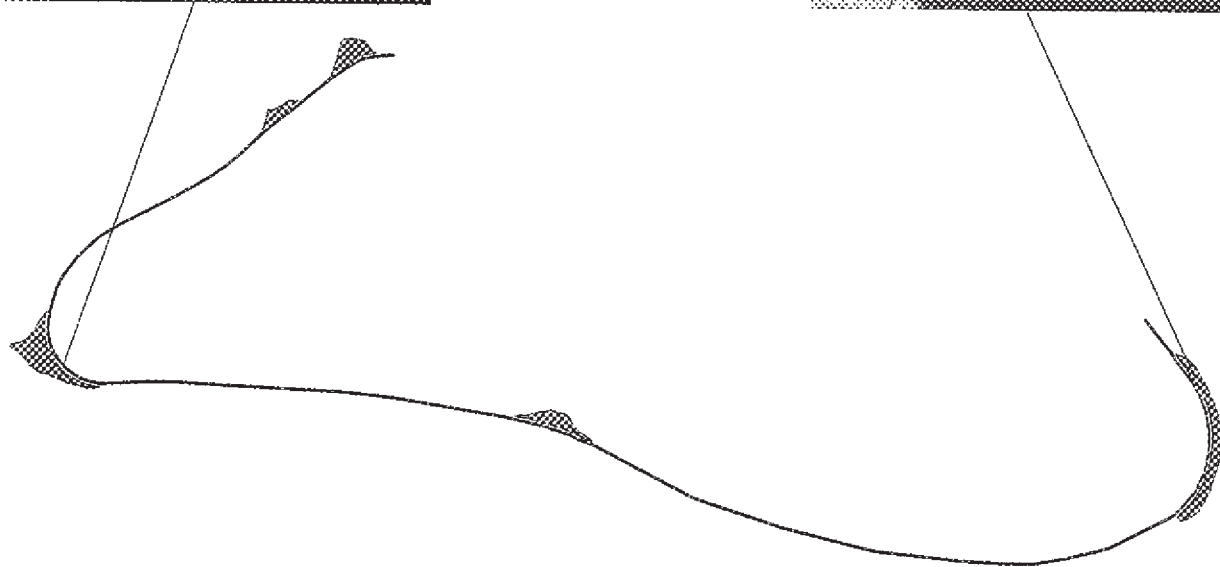
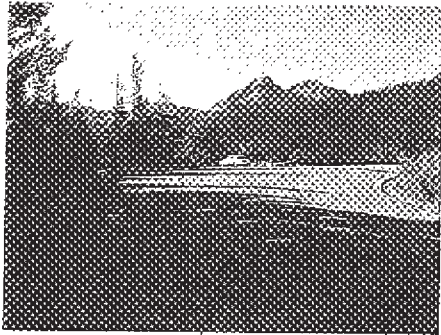
Route 911P

Miller Cutoff Parking

From Rte. 203 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
911P	WA	981006			34816	0.60	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



600 0 600 1200 Feet



Mount Rainier National Park

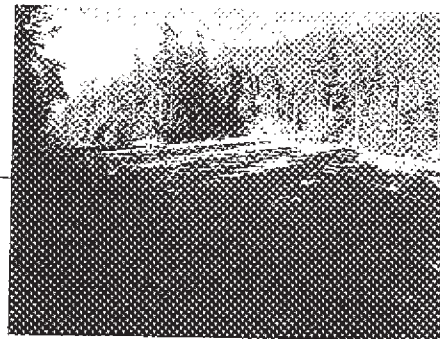
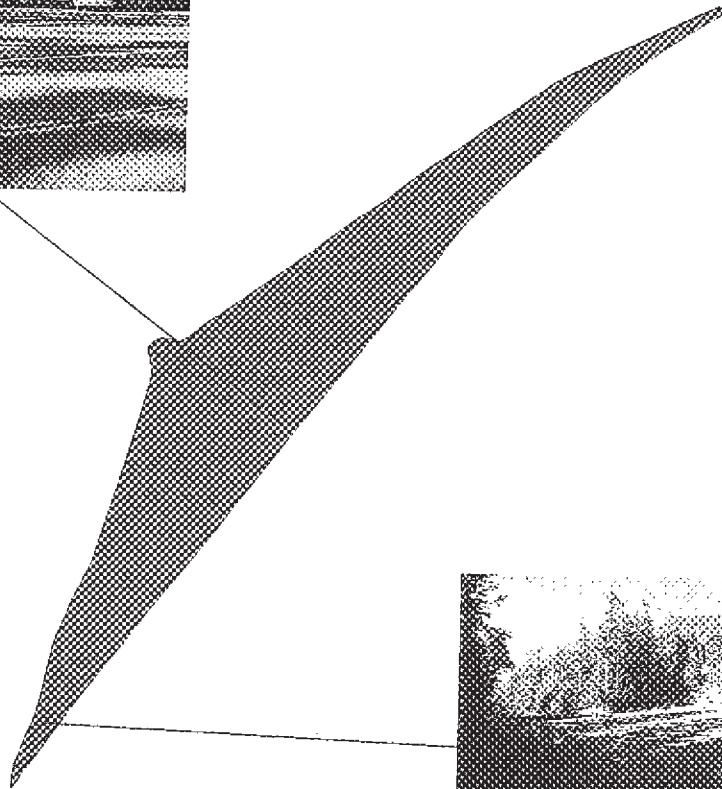
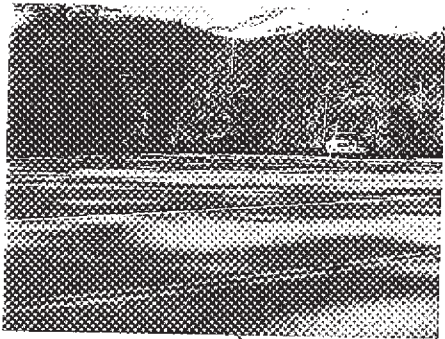
Route 912P

Canyon Rim Viewpoint Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
912P	WA	981007			14682	0.25	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

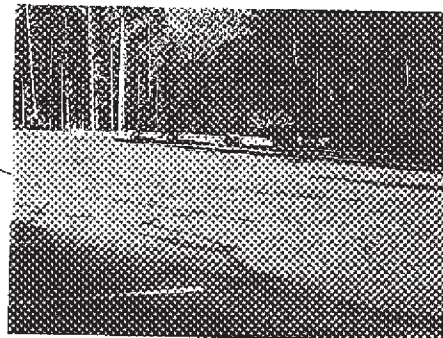
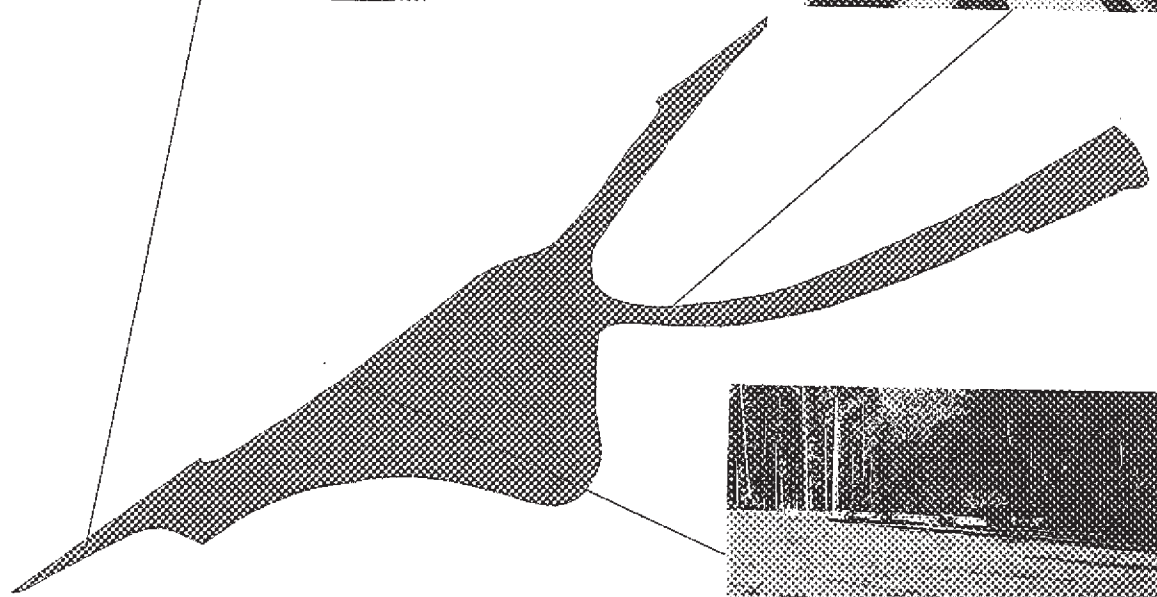
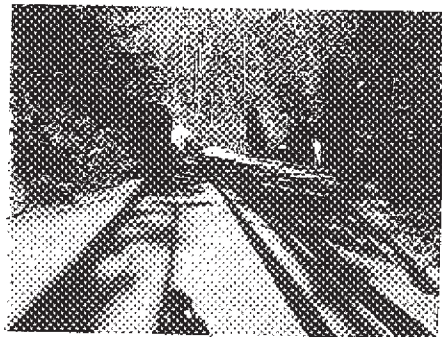
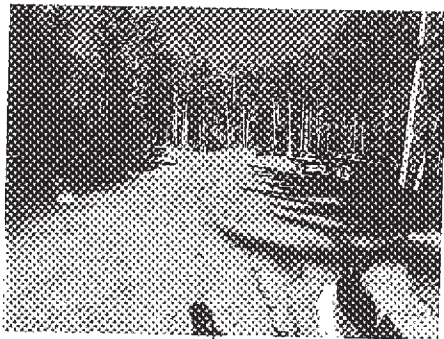
Route 913P

Narada Falls Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
913P	WA	981007			45311	0.78	FAIR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

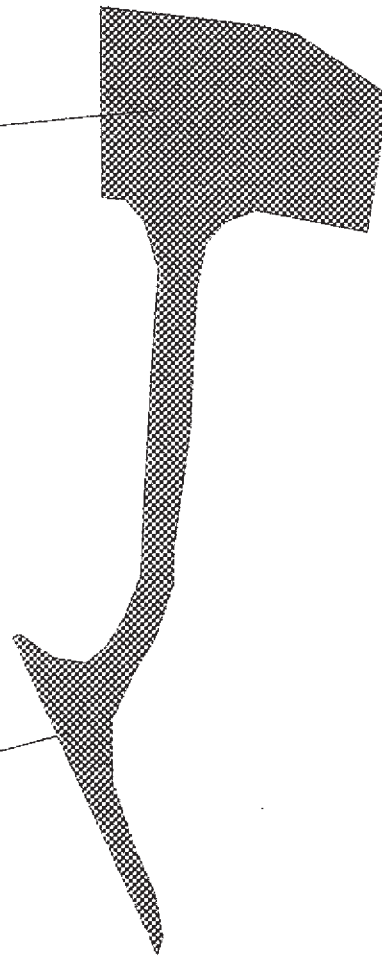
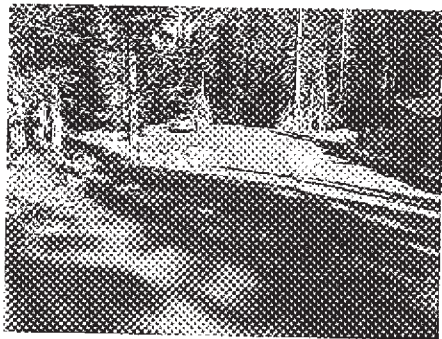
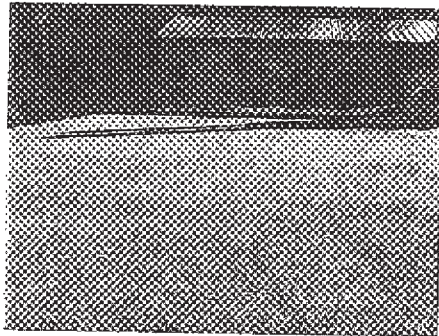
Route 914N

Paradise Wastewater Treatment Plant Parking

From Rte. 014 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
914N	WA	981007			5874	0.10	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 915P

Paradise Visitor Center Parking

From Rte. 014 to Parking

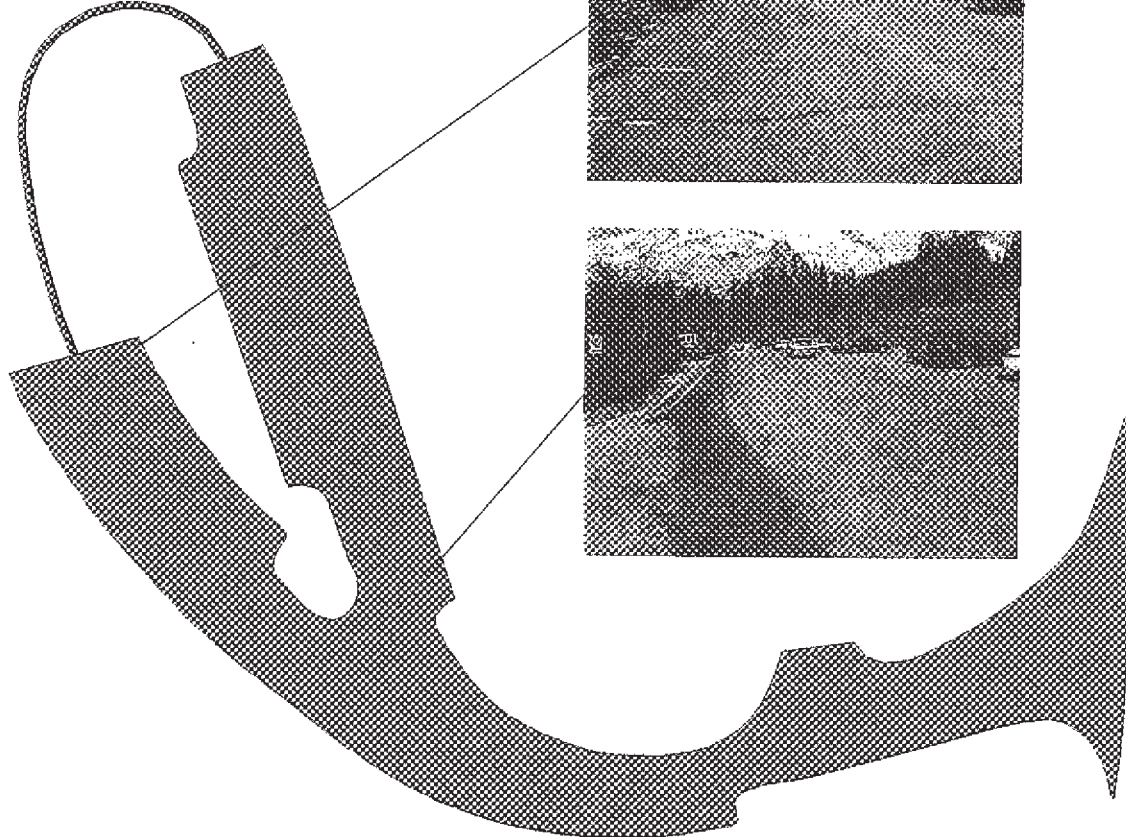
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
915P	WA	981008			59802	1.03	GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* Area and lane miles numbers don't include areas that lack GPS data

This area closed
for construction



100 0 100 200 Feet



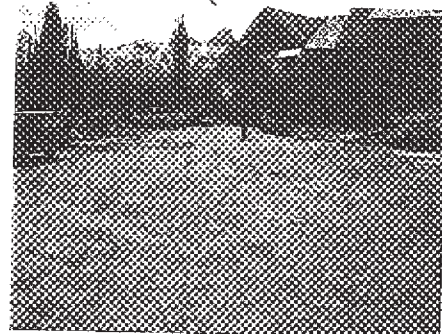
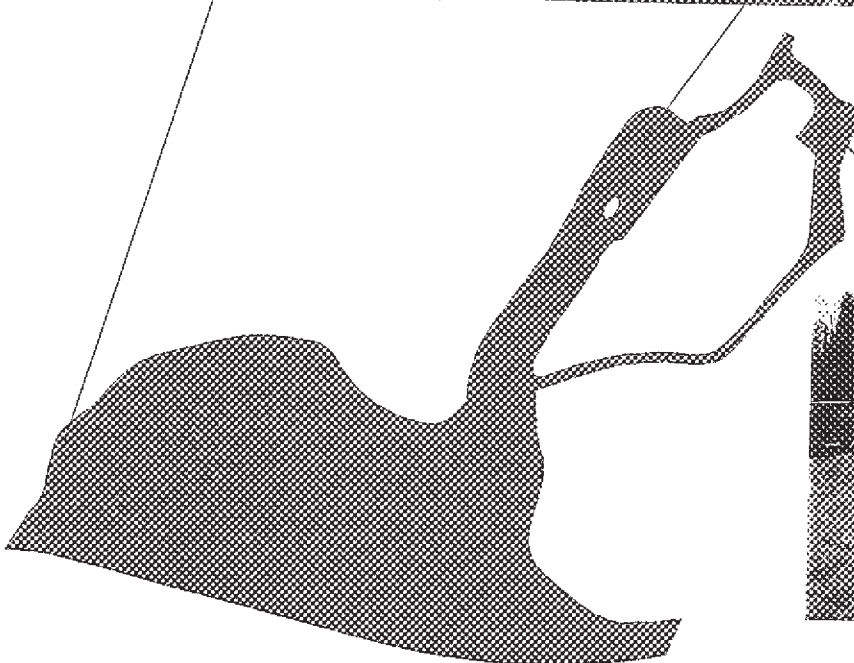
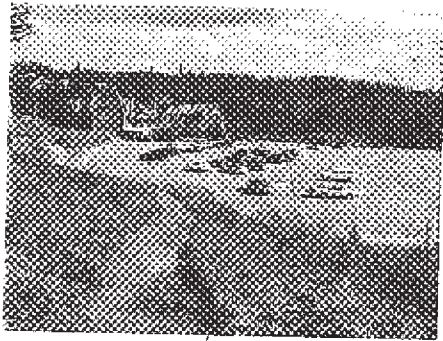
Mount Rainier National Park

Route 916P

Paradise Lodge Parking
From Rte. 014 through Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
916P	WA	981007			227678	3.92	FAIR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 917P

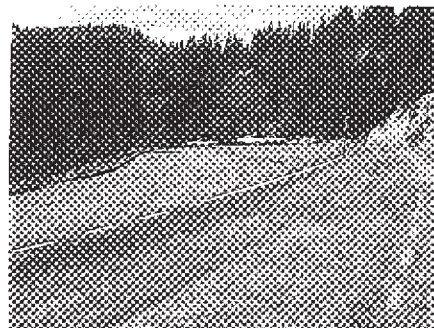
Paradise River Parking

From Rte. 500 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
917P	WA	981007					GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



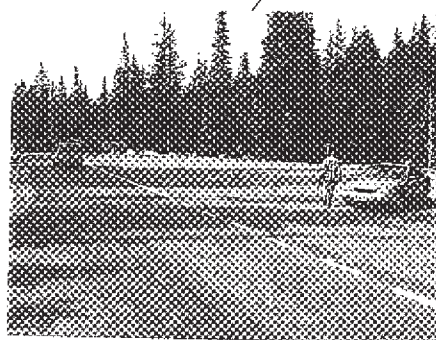
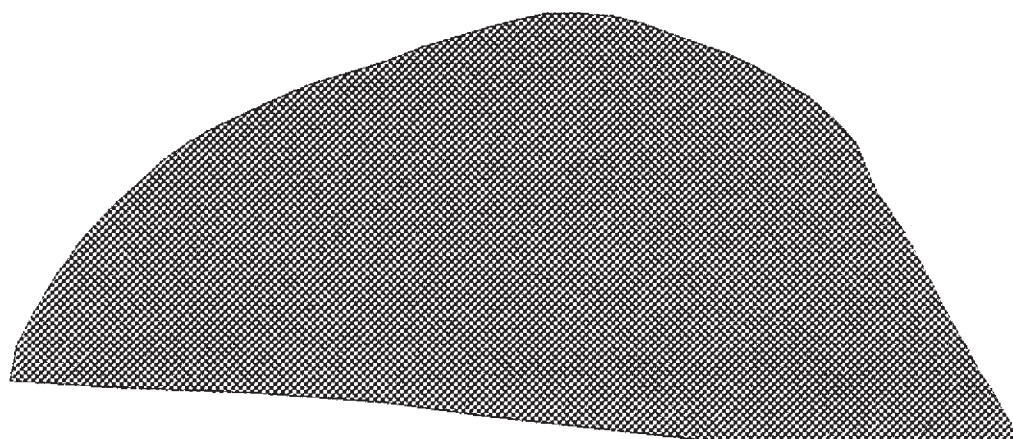
Mount Rainier National Park

Route 918P

Lakes Trail Parking
From Rte. 500 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
918P	WA	981007			7707	0.13	POOR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 919P

Mt. Rainier Viewpoint Parking above Narada Falls

From Rte. 013 to Parking

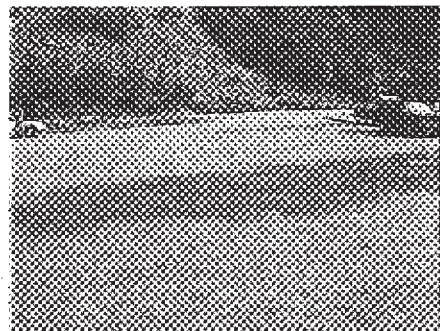
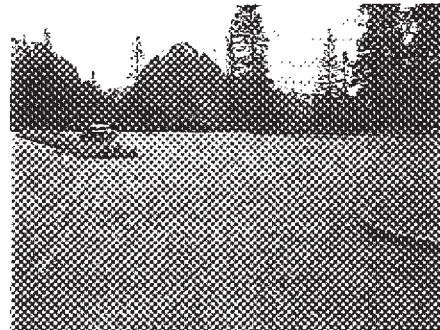
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
919P	WA	981007					GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

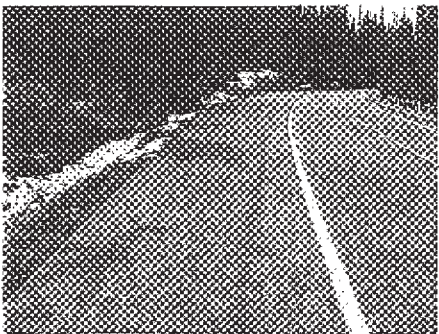
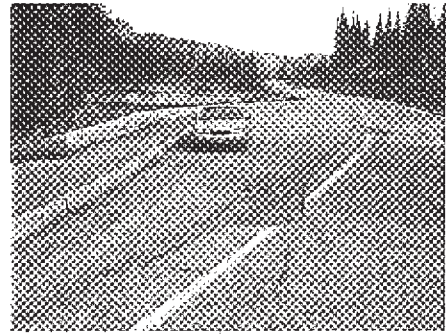
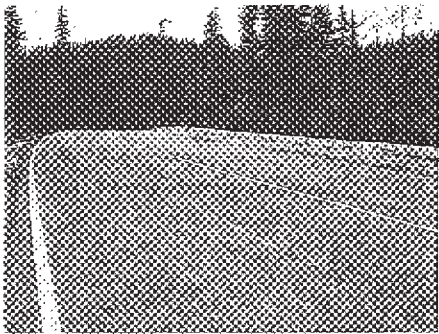
Route 920P

Reflective Lakes Parking

From Rte. 013 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
920P	WA	981007			20840	0.36	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

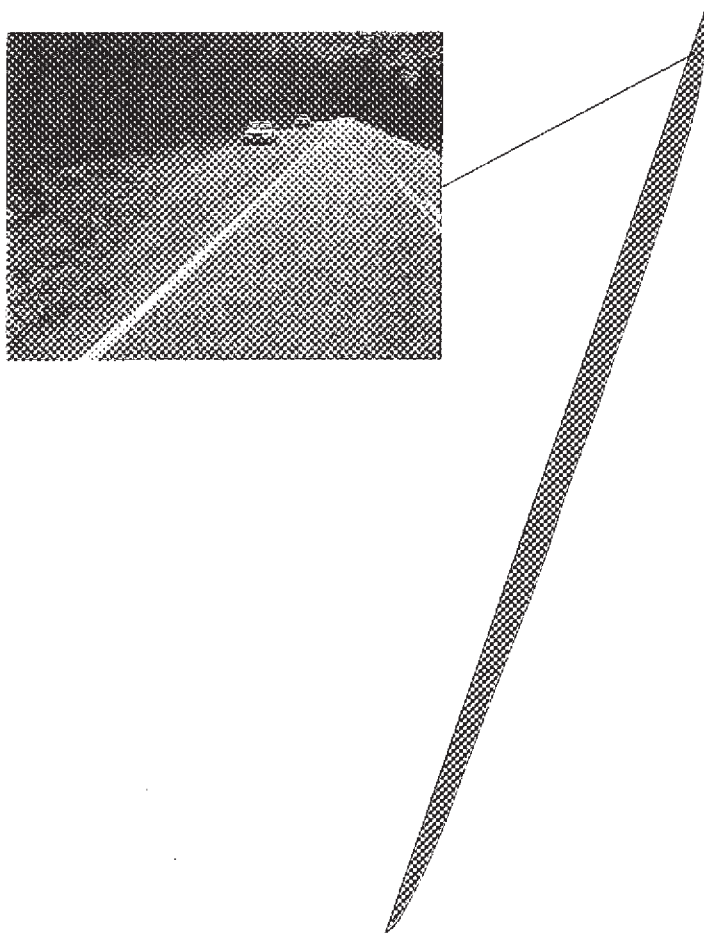
Route 921P

Louise Lake Parking

From Rte. 013 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
921P	WA	981007			7301	0.13	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



100 0 100 200 Feet



Mount Rainier National Park

Route 922P

Box Canyon Picnic Area Parking

From Rte. 013 to Parking

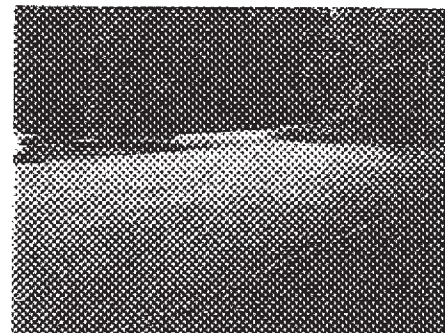
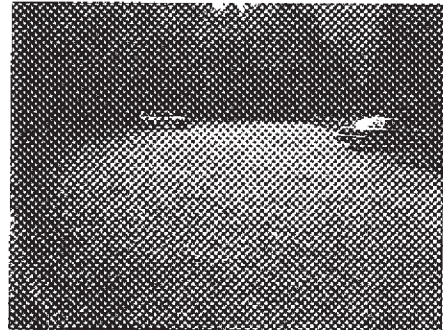
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
922P	WA	981007					GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

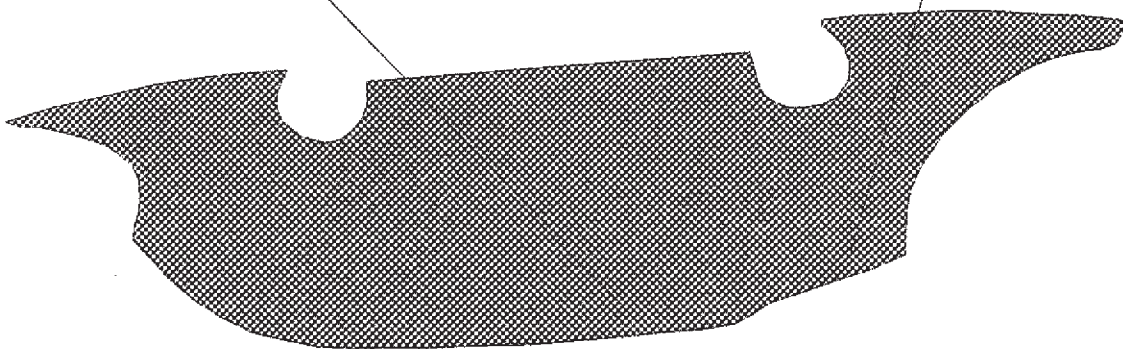
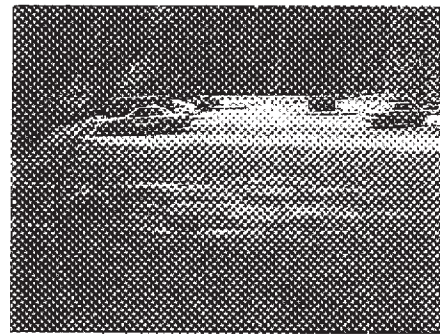
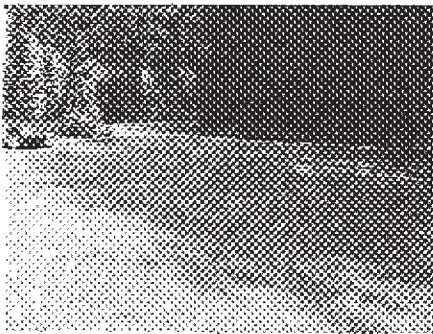
Route 923P

Box Canyon Overlook/Exhibit Parking

From Rte. 013 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
923P	WA	981007			13852	0.24	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

Route 924P

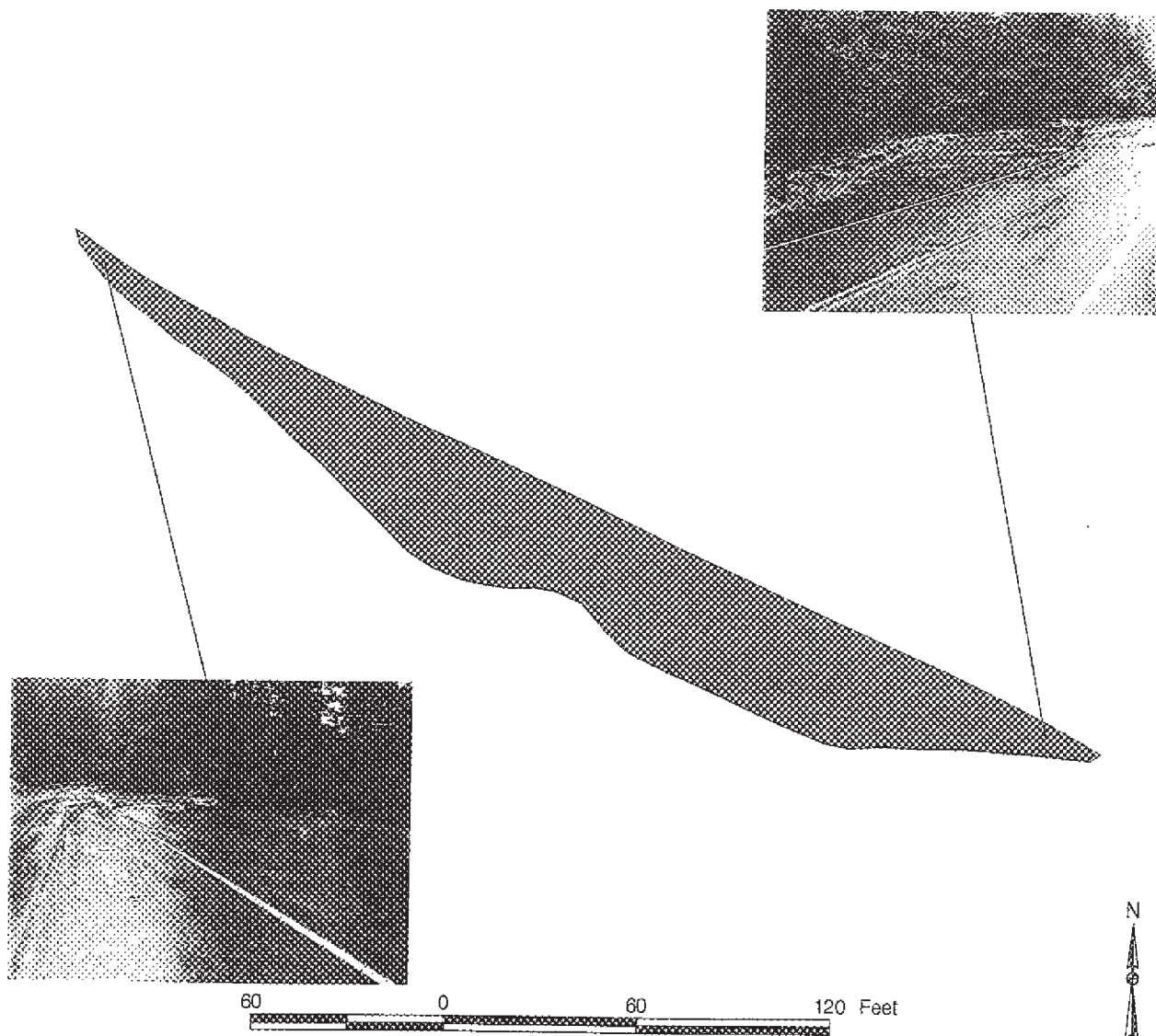
Nickel Creek Parking

From Rte. 103 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
924P	WA	981008			8885	0.15	GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths



Mount Rainier National Park

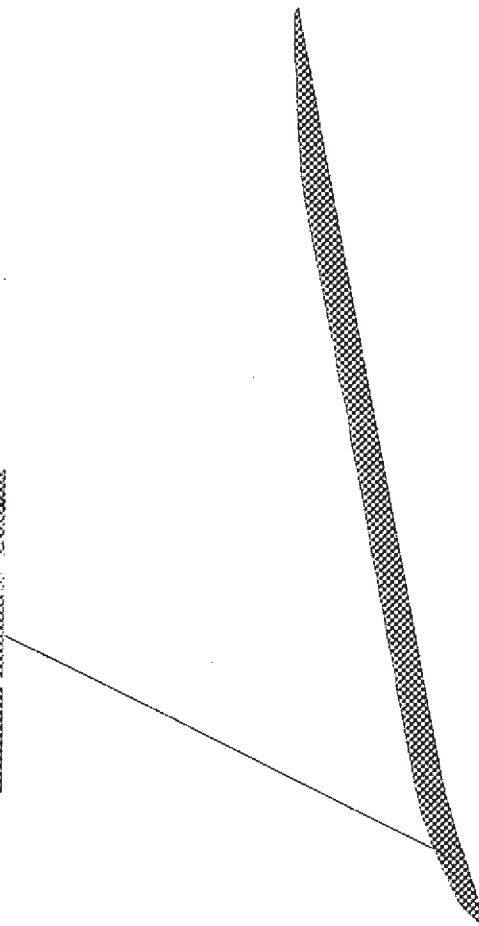
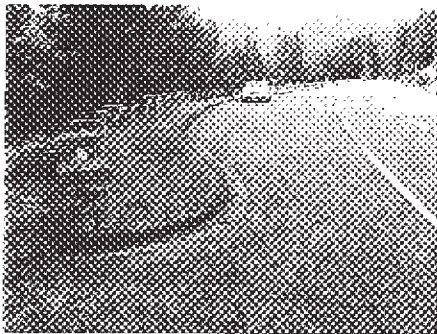
Route 925P

Mt. Rainier Overlook at Backbone Ridge

From Rte. 013 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
925P	WA	981008			21038	0.36	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



200 0 200 400 Feet



Mount Rainier National Park

Route 926P

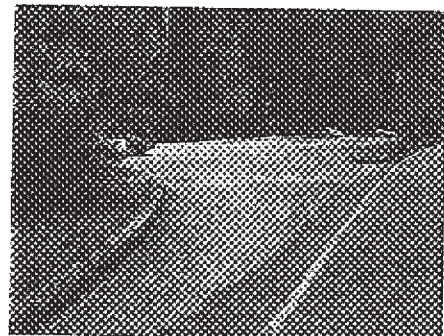
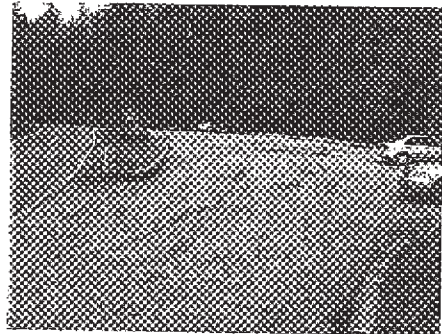
Grove of the Patriarchs Parking

From Rte. 013 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
926P	WA	981007					FAIR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * There are no area and lane miles numbers when GPS data isn't available

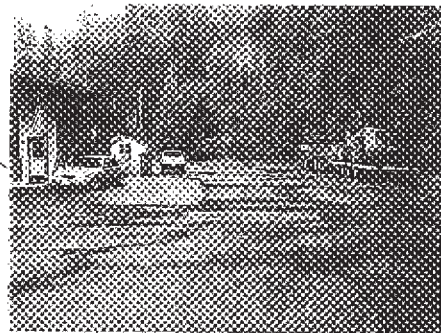
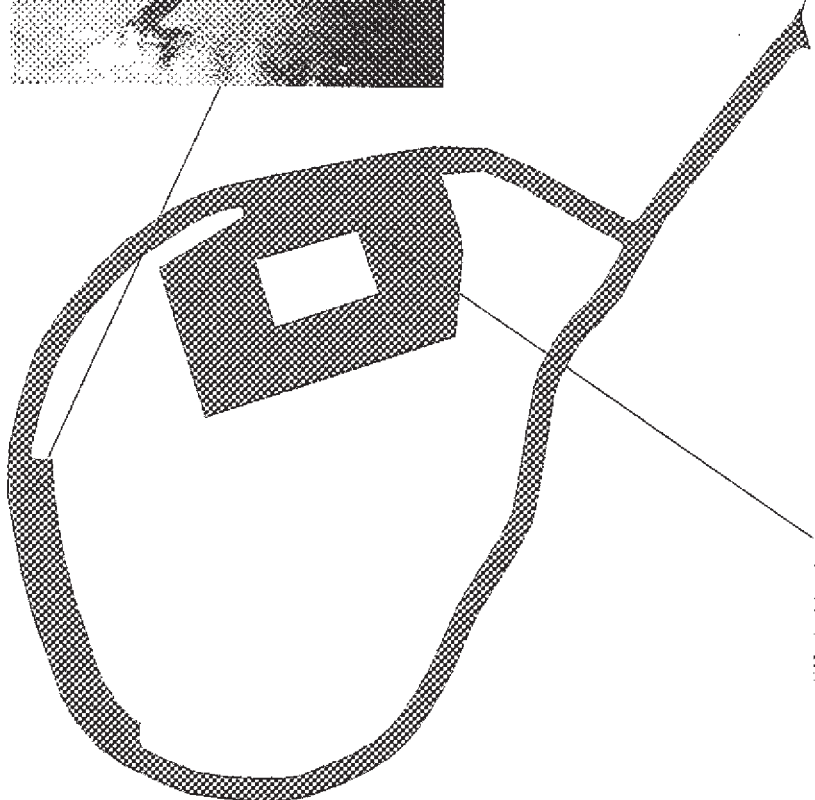
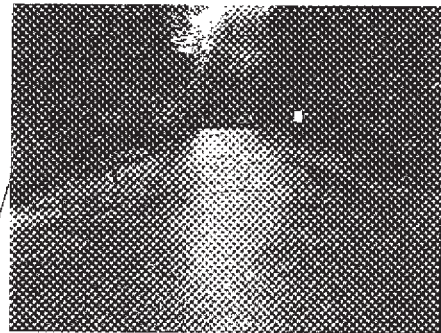
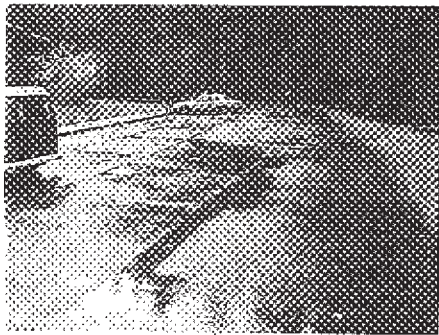
NO GPS
DATA
AVAILABLE



Mount Rainier National Park
Route 927N
 Ohenapecosh Ranger Station/Residence Area
 From Rte. 206 through Residences

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
927N	WA	981008			82276	1.42	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



Mount Rainier National Park

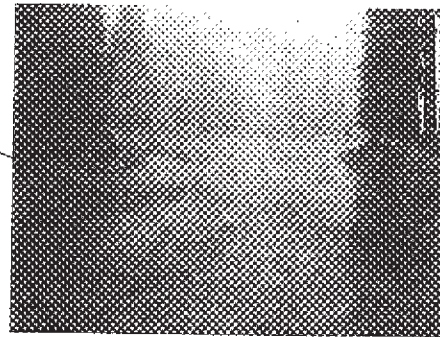
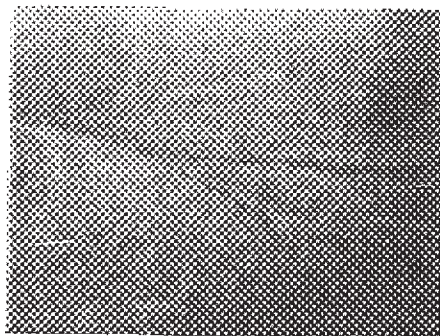
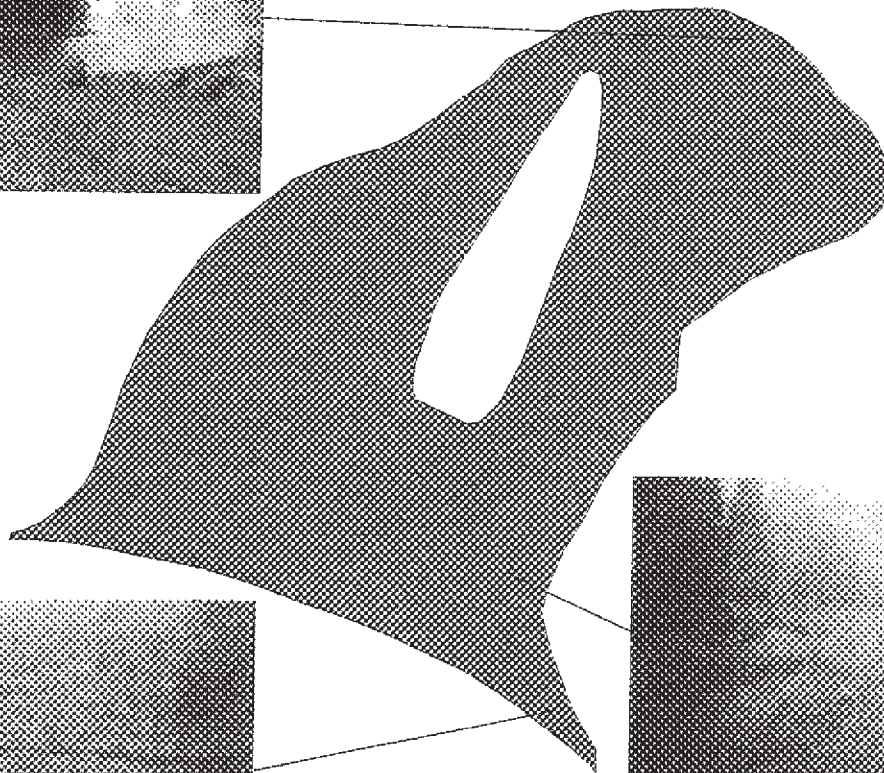
Route 928P

Tipsoe Lake Parking

From Rte. 012 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
928P	WA	981008			43420	0.75	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



80 0 80 160 Feet

A horizontal scale bar with markings at 80, 0, 80, and 160 feet.

Mount Rainier National Park

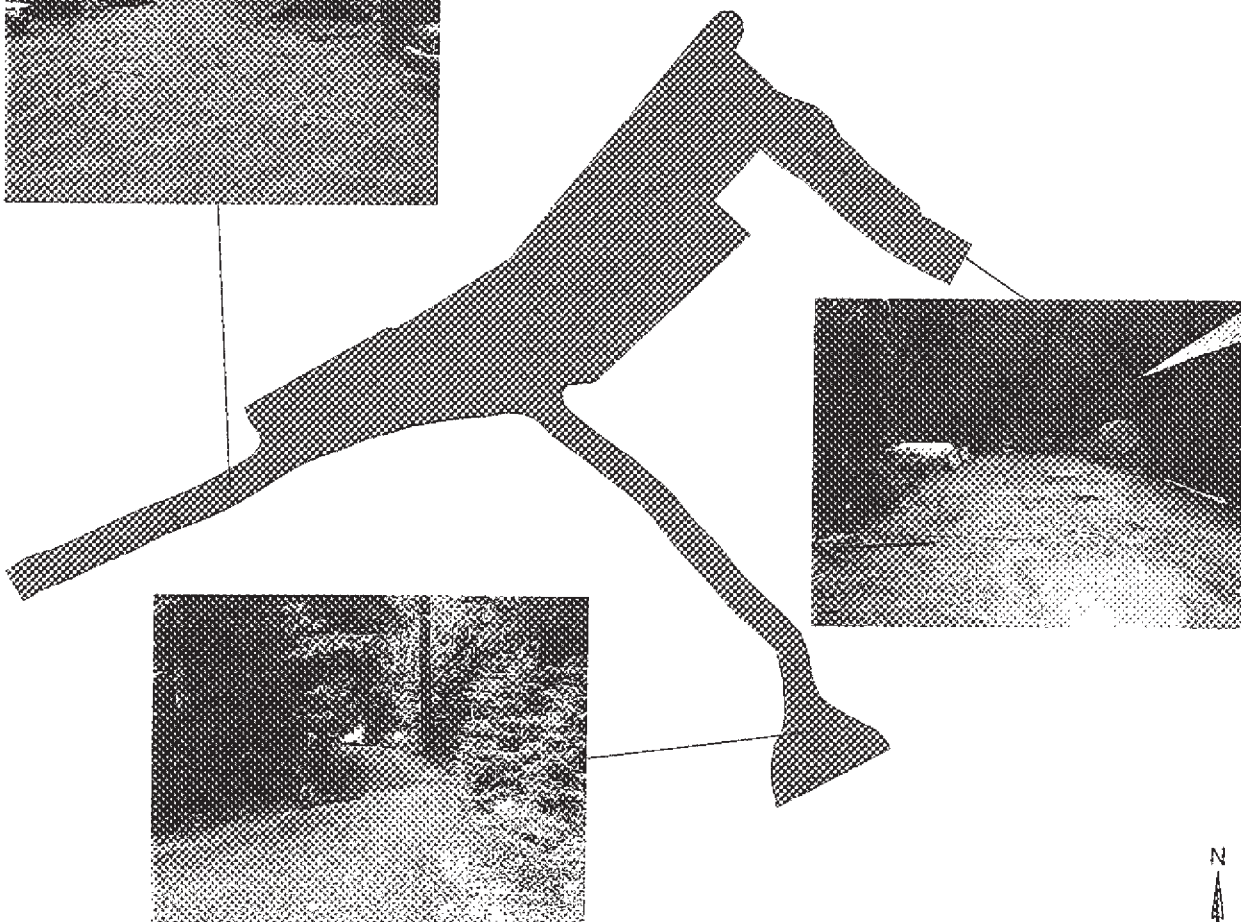
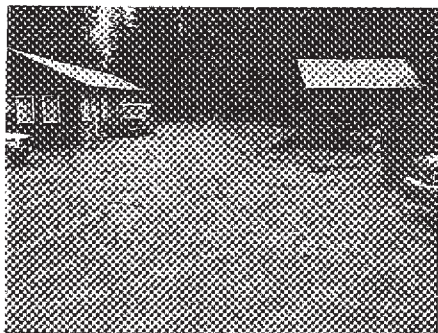
Route 929N

White River Ranger Service Area Parking

From Rte. 011 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
929N	WA	981008			19785	0.34	POOR

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



100 0 100 200 Feet

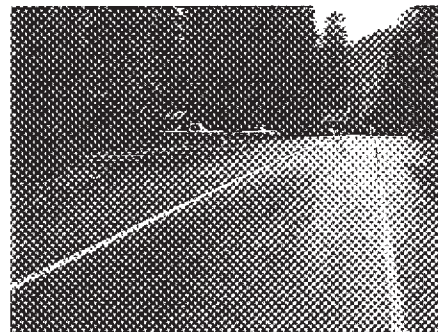


Mount Rainier National Park
Route 930P
White River Information Center Parking
From Rte. 011 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
930P	WA	981008					GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths
- * There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

Route 931P

Owyhigh Lake Trail Parking

From Rte. 011 to Parking

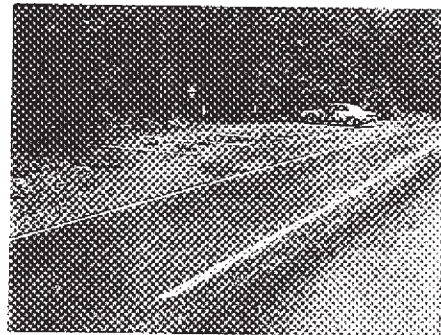
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
931P	WA	981008					GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

Route 932P

Fryingpan Creek Parking

From Rte. 011 to Parking

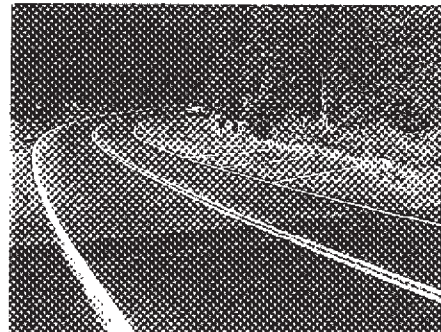
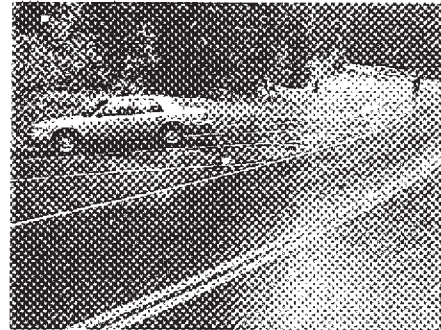
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
932P	WA	981008					GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

Route 933P

Viewpoint Parking
From Rte. 011 to Parking

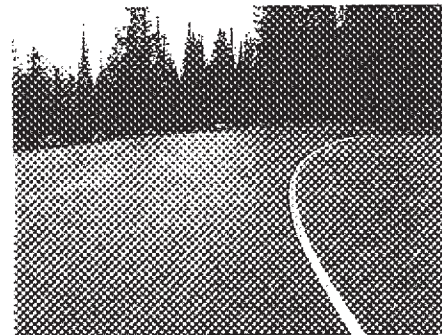
Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
933P	WA	981008					GOOD

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths

* There are no area and lane miles numbers when GPS data isn't available

NO GPS
DATA
AVAILABLE



Mount Rainier National Park

Route 934P

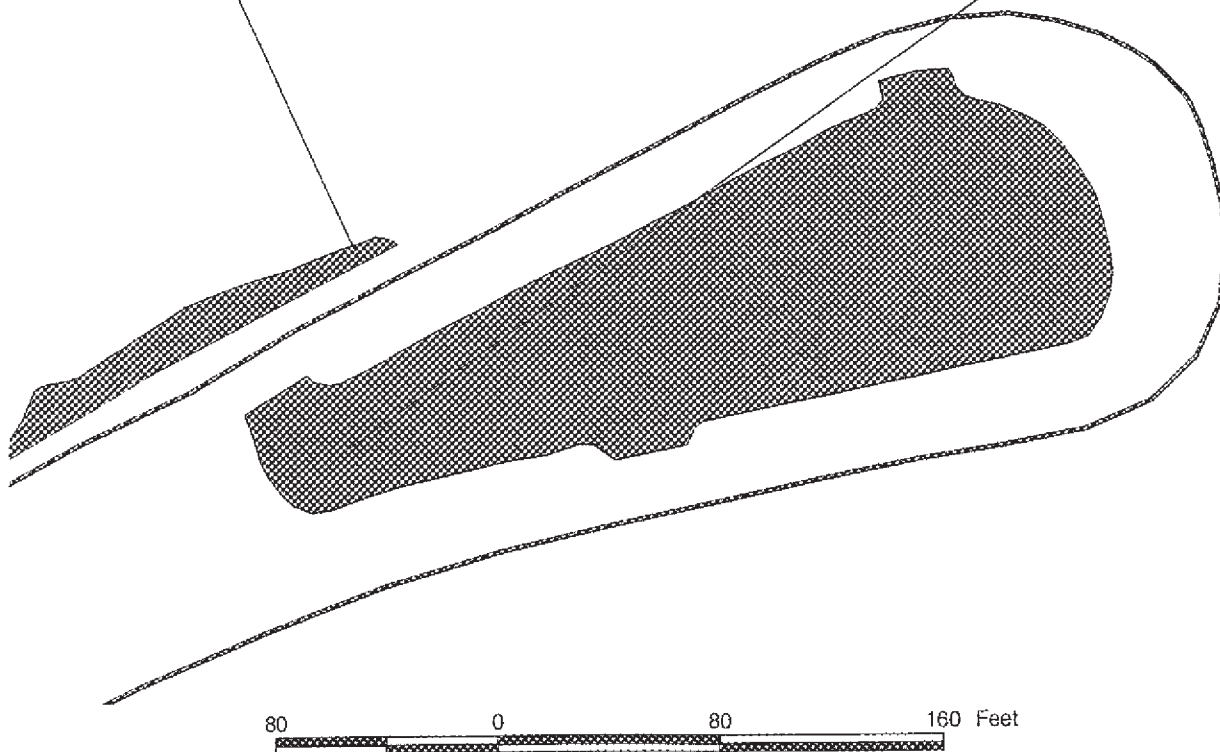
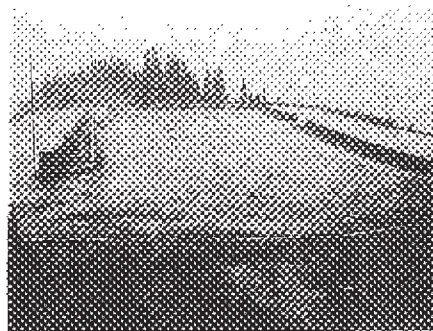
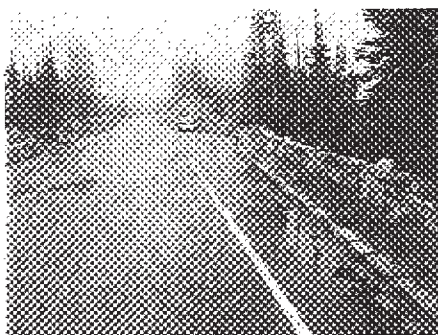
Sunrise Point Parking

From Rte. 011 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
934P	WA	981008			24203	0.42	FAIR

- Length and width will be used when applicable

- Lane miles are based on 11' lane widths



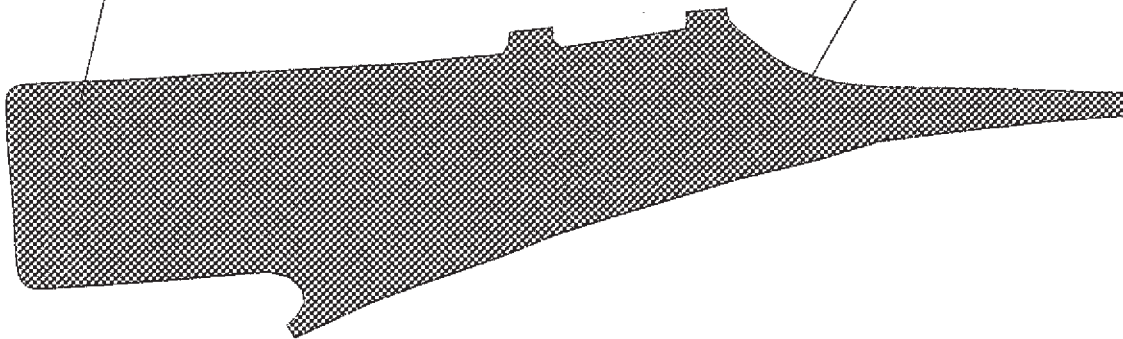
Mount Rainier National Park

Route 935P

Sunrise Lodge Parking
From End of Rte. 011 to Parking

Route	State	Date Visited	Length (mi)	Width (ft)	Area (sq ft)	Lane Miles	Condition
935P	WA	981008			120267	2.07	GOOD

- Length and width will be used when applicable
- Lane miles are based on 11' lane widths



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PARKWIDE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	140	EACH
1153	INTERSECTION	45	EACH
1190	TURNOUT (PASSING LANE)	1498	LINEAR FEET
1320	PAVED DITCH	19064	LINEAR FEET
1331	CULVERT OPENING	1412	EACH
1333	DROP INLET	88	EACH
1340	CURB	21981	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	7380	LINEAR FEET
1542	GUARD WALL	38557	LINEAR FEET
1545	CATTLE GUARD	1	EACH
1720	BRIDGE	24	EACH
1740	TUNNEL	3	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	1	EACH
8400	RAILROAD CROSSING	1	EACH
	PARK BOUNDARY	4	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:010 : Mt. Rainier Park Rd.

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	11	EACH
1153	INTERSECTION	3	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	291	EACH
1333	DROP INLET	3	EACH
1340	CURB	0	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	84	LINEAR FEET
1542	GUARD WALL	3764	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	3	EACH
1740	TUNNEL	1	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	1	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:011 : Sunrise Road

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	6	EACH
1153	INTERSECTION	3	EACH
1190	TURNOUT (PASSING LANE)	264	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	272	EACH
1333	DROP INLET	8	EACH
1340	CURB	5866	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	90	LINEAR FEET
1542	GUARD WALL	4429	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	7	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:012 : Mather Memorial Pkwy

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	4	EACH
1153	INTERSECTION	2	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	245	EACH
1333	DROP INLET	6	EACH
1340	CURB	0	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	6911	LINEAR FEET
1542	GUARD WALL	4472	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	1	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	2	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:013 : Stevens Canyon Rd.

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	48	EACH
1153	INTERSECTION	1	EACH
1190	TURNOUT (PASSING LANE)	749	LINEAR FEET
1320	PAVED DITCH	17544	LINEAR FEET
1331	CULVERT OPENING	312	EACH
1333	DROP INLET	66	EACH
1340	CURB	6754	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	142	LINEAR FEET
1542	GUARD WALL	15418	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	7	EACH
1740	TUNNEL	2	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:014 : Nisqually-Paradise Rd.

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	46	EACH
1153	INTERSECTION	23	EACH
1190	TURNOUT (PASSING LANE)	348	LINEAR FEET
1320	PAVED DITCH	1520	LINEAR FEET
1331	CULVERT OPENING	231	EACH
1333	DROP INLET	4	EACH
1340	CURB	7307	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	0	LINEAR FEET
1542	GUARD WALL	6108	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	3	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	1	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:100 : Longmire Backroad

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	1	EACH
1153	INTERSECTION	4	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	0	EACH
1333	DROP INLET	0	EACH
1340	CURB	0	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	153	LINEAR FEET
1542	GUARD WALL	0	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	0	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:200 : White River Campground

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	0	EACH
1153	INTERSECTION	5	EACH
1190	TURNOUT (PASSING LANE)	137	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	40	EACH
1333	DROP INLET	0	EACH
1340	CURB	0	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	0	LINEAR FEET
1542	GUARD WALL	0	LINEAR FEET
1545	CATTLE GUARD	1	EACH
1720	BRIDGE	0	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:202 : Paradise Picnic Area Road

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	16	EACH
1153	INTERSECTION	0	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	0	EACH
1333	DROP INLET	0	EACH
1340	CURB	1764	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	0	LINEAR FEET
1542	GUARD WALL	0	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	0	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	1	EACH
8400	RAILROAD CROSSING	1	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:203 : Miller Cutoff

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	5	EACH
1153	INTERSECTION	0	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	0	EACH
1333	DROP INLET	0	EACH
1340	CURB	290	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	0	LINEAR FEET
1542	GUARD WALL	3775	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	0	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:206 : Ohanapecosh Campground

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	0	EACH
1153	INTERSECTION	4	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	1	EACH
1333	DROP INLET	0	EACH
1340	CURB	0	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	0	LINEAR FEET
1542	GUARD WALL	0	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	1	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES SUMMARY

Pacific Northwest Region : MORA : 9450

ROUTE:500 : Valley Road

ICAP CODE	FEATURE	PARK TOTAL	UNIT
1152	PULLOUT (PAVED)	3	EACH
1153	INTERSECTION	0	EACH
1190	TURNOUT (PASSING LANE)	0	LINEAR FEET
1320	PAVED DITCH	0	LINEAR FEET
1331	CULVERT OPENING	20	EACH
1333	DROP INLET	1	EACH
1340	CURB	0	LINEAR FEET
1530	TRAFFIC LIGHT	0	EACH
1540	GUARDRAIL	0	LINEAR FEET
1542	GUARD WALL	591	LINEAR FEET
1545	CATTLE GUARD	0	EACH
1720	BRIDGE	2	EACH
1740	TUNNEL	0	EACH
3361	RETAINING WALL	0	EACH
5833	LIGHT POLE	0	EACH
8390	OVERHEAD SIGN	0	EACH
8400	RAILROAD CROSSING	0	EACH
	PARK BOUNDARY	0	EACH

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at South Boundary
0.005	0.000		Boundary	
0.090	0.000		Culvert	
0.222	0.000		Culvert	
0.248	0.000	Culvert		
0.315	0.000		Culvert	
0.342	0.000	Culvert		
0.403	0.000		Culvert	
0.444	0.000		Culvert	
0.470	0.000	Culvert		
0.493	0.000		Culvert	
0.517	0.000	Culvert		
0.548	0.000		Culvert	
0.574	0.000	Culvert		
0.677	0.000		Culvert	
0.703	0.000	Culvert		
0.847	0.000		Culvert	
0.873	0.000	Culvert		
0.993	0.000		Culvert	
1.007	0.000		Intersection	Unpaved Rte Intersection
1.019	0.000	Culvert		
1.066	0.000	Culvert		
1.164	0.000	Intersection		Rt. 206, Oranapeocosh Area
1.164	0.000		Culvert	
1.170	0.000	Culvert		
1.184	0.000	Culvert		
1.196	0.000	Culvert		
1.260	0.000		Culvert	
1.285	0.000	Culvert		
1.334	0.000		Culvert	
1.360	0.000	Culvert		
1.496	0.000	Culvert		
1.536	0.000		Culvert	
1.544	0.000		Culvert	
1.551	0.000		Culvert	
1.567	0.000	Culvert		
1.580	0.000	Culvert		
1.683	0.000		Culvert	
1.709	0.000	Culvert		
1.812	0.000		Culvert	
1.835	0.000	Culvert		
1.844	0.000		Culvert	
1.865	0.000	Culvert		
1.895	0.000		Culvert	
1.919	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
2.019	0.000	Culvert	
2.044	0.000 Culvert		
2.096	0.000	Culvert	
2.118	0.000 Culvert		
2.249	0.000	Culvert	
2.274	0.000 Culvert		
2.421	2.500	Guardwall	
2.431	2.538 Guardwall		
2.438	2.489	Bridge	
2.610	0.000 Culvert		
2.621	0.000	Culvert	
2.649	0.000 Culvert		
2.670	0.000 Pullout		
2.687	0.000	Culvert	
2.709	0.000 Culvert		
2.727	0.000	Culvert	
2.749	0.000 Culvert		
2.937	0.000 Intersection		Rt. 013, Stevens Canyon Rd.
2.988	0.000	Culvert	
2.990	0.000 Culvert		
3.233	0.000	Culvert	
3.257	0.000 Culvert		
3.331	0.000	Culvert	
3.354	0.000 Culvert		
3.527	0.000	Culvert	
3.552	0.000 Culvert		
3.703	0.000	Culvert	
3.725	0.000 Culvert		
3.810	0.000	Culvert	
3.814	0.000	Culvert	
3.834	0.000 Culvert		
3.950	0.000	Culvert	
3.970	0.000 Culvert		
4.115	0.000	Culvert	
4.136	0.000 Culvert		
4.155	0.000	Culvert	
4.175	0.000 Culvert		
4.241	0.000	Culvert	
4.251	0.000 Pullout		
4.262	0.000 Culvert		
4.369	0.000	Culvert	
4.392	0.000 Culvert		
4.547	0.000 Culvert		
4.551	0.000	Culvert	
4.574	0.000 Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
4.578	0.000		Culvert	
4.600	0.000	Culvert		
4.660	0.000		Culvert	
4.685	0.000	Culvert		
4.795	0.000		Culvert	
4.815	0.000	Culvert		
4.946	0.000		Culvert	
4.964	0.000		Culvert	
4.968	0.000	Culvert		
4.985	0.000	Culvert		
4.999	0.000		Culvert	
5.018	0.000	Culvert		
5.037	0.000		Culvert	
5.058	0.000	Culvert		
5.112	0.000		Culvert	
5.133	0.000	Culvert		
5.223	5.261		Bridge	
5.228	0.000	Pullout		
5.295	0.000	Pullout		
5.384	0.000		Culvert	
5.402	0.000	Culvert		
5.440	0.000		Culvert	
5.459	0.000	Culvert		
5.613	0.000		Culvert	
5.646	0.000	Culvert		
5.704	0.000	Culvert		
5.820	0.000	Pullout		
5.837	0.000		Culvert	
5.991	0.000		Culvert	
6.010	0.000	Culvert		
6.399	0.000		Culvert	
6.418	0.000	Culvert		
6.526	0.000	Pullout		
6.540	0.000		Culvert	
6.563	0.000		Culvert	
6.581	0.000	Culvert		
6.761	0.000		Culvert	
6.779	0.000	Culvert		
6.808	0.000		Culvert	
6.824	0.000	Culvert		
6.871	0.000		Culvert	
6.887	0.000	Culvert		
6.938	0.000		Culvert	
6.954	0.000	Culvert		
6.975	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
6.991	0.000	Culvert		
7.036	0.000		Culvert	
7.052	0.000	Culvert		
7.146	0.000		Culvert	
7.162	0.000	Culvert		
7.246	0.000		Culvert	
7.260	0.000	Culvert		
7.317	7.333	Guardrail		
7.322	0.000		Culvert	
7.340	0.000	Culvert		
7.352	0.000		Culvert	
7.389	0.000		Culvert	
7.402	0.000	Culvert		
7.451	0.000		Culvert	
7.464	0.000	Culvert		
7.521	0.000		Culvert	
7.534	0.000	Culvert		
7.555	0.000		Culvert	
7.569	0.000	Culvert		
7.584	0.000		Culvert	
7.593	7.597	Guardwall		
7.599	0.000	Culvert		
7.636	0.000		Culvert	
7.651	0.000	Culvert		
7.689	0.000		Culvert	
7.704	0.000	Culvert		
7.758	0.000		Culvert	
7.847	0.000		Culvert	
7.859	0.000	Culvert		
7.880	0.000		Culvert	
7.894	0.000	Culvert		
7.942	0.000		Culvert	
7.955	0.000	Culvert		
8.095	0.000		Culvert	
8.106	0.000	Culvert		
8.163	0.000		Culvert	
8.176	0.000	Culvert		
8.239	0.000		Culvert	
8.260	0.000		Culvert	
8.271	0.000	Culvert		
8.307	0.000	Culvert		
8.449	0.000		Culvert	
8.482	0.000	Culvert		
8.485	0.000		Drop Inlet	
8.491	0.000		Pullout	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
8.495	0.000	Culvert		
8.610	0.000		Culvert	
8.618	0.000	Culvert		
8.768	0.000		Culvert	
8.777	0.000	Culvert		
8.833	0.000		Culvert	
8.842	0.000	Culvert		
8.851	0.000		Pullout	
8.970	0.000		Culvert	
8.978	0.000	Culvert		
8.981	0.026	Guardwall		
9.059	0.000		Culvert	
9.068	0.000	Culvert		
9.111	0.000	Culvert		
9.268	0.000		Culvert	
9.278	0.000	Culvert		
9.385	0.000		Culvert	
9.402	0.000		Culvert	
9.412	0.000	Culvert		
9.481	0.000		Culvert	
9.488	0.000	Culvert		
9.549	0.000		Culvert	
9.557	0.000	Culvert		
9.639	0.000		Culvert	
9.646	0.000	Culvert		
9.736	0.000		Culvert	
9.741	9.778		Guardwall	
9.745	9.799	Guardwall		
9.756	9.774		Bridge	
9.806	0.000	Pullout		
9.809	0.000		Culvert	
9.844	0.000		Culvert	
9.847	0.000	Culvert		
9.866	0.000	Culvert		
9.867	0.000		Culvert	
9.916	0.000	Culvert		
9.916	0.000		Culvert	
9.937	0.000		Culvert	
9.939	0.000	Culvert		
9.986	0.000		Culvert	
9.991	0.000	Culvert		
10.017	0.000		Culvert	
10.020	0.000	Culvert		
10.137	0.000		Culvert	
10.142	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
10.186	0.000		Culvert	
10.188	0.000	Culvert		
10.239	0.000		Culvert	
10.240	0.000	Culvert		
10.258	0.000		Culvert	
10.258	0.000	Culvert		
10.310	0.000		Culvert	
10.312	0.000	Culvert		
10.328	0.000		Culvert	
10.330	0.000	Culvert		
10.372	0.000	Culvert		
10.373	0.000		Culvert	
10.414	0.000	Culvert		
10.418	0.000		Culvert	
10.449	0.000	Culvert		
10.449	0.000		Culvert	
10.465	0.000		Culvert	
10.485	0.000		Culvert	
10.489	0.000	Culvert		
10.606	0.000		Culvert	
10.608	0.000	Culvert		
10.910	0.000		Culvert	
10.911	0.000	Culvert		
10.990	0.000		Culvert	
10.991	0.000	Culvert		
11.050	0.000	Pullout		
11.065	11.162		Tunnel	
11.067	11.162	Tunnel		
11.154	0.000		Drop inlet	
11.157	0.000	Drop inlet		
11.183	0.000		Culvert	
11.185	0.000	Culvert		
11.366	0.000	Culvert		
11.366	0.000		Culvert	
11.469	0.000	Culvert		
11.470	0.000		Culvert	
11.520	0.000	Culvert		
11.520	0.000		Culvert	
11.649	0.000		Culvert	
11.650	0.000	Culvert		
11.691	0.000	Culvert		
11.693	0.000		Culvert	
11.775	0.000	Culvert		
11.776	0.000		Culvert	
11.821	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
11.825	0.000		Culvert	
11.862	0.000	Culvert		
11.865	0.000		Culvert	
11.902	0.000	Culvert		
11.904	0.000		Culvert	
11.989	0.000	Culvert		
11.992	0.000		Culvert	
12.053	0.000	Culvert		
12.058	0.000		Culvert	
12.064	0.000	Culvert		
12.069	0.000		Culvert	
12.076	0.000	Culvert		
12.083	0.000		Culvert	
12.101	0.000	Culvert		
12.105	0.000		Culvert	
12.146	0.000	Culvert		
12.257	0.500	Culvert		
12.263	0.000		Culvert	
12.292	0.000	Culvert		
12.297	0.000		Culvert	
12.353	12.640	Guardwall		
12.527	0.000	Culvert		
12.532	0.000		Culvert	
12.657	0.000	Pullout		
12.816	0.000	Culvert		
12.822	0.000		Culvert	
12.970	0.000	Culvert		
12.978	0.000		Culvert	
13.020	0.000	Culvert		
13.028	0.000		Culvert	
13.072	0.000	Culvert		
13.079	0.000		Culvert	
13.138	0.000	Culvert		
13.147	0.000		Culvert	
13.152	0.000		Culvert	
13.225	0.000	Culvert		
13.232	0.000		Culvert	
13.235	0.000		Culvert	
13.271	0.000	Culvert		
13.282	0.000		Culvert	
13.286	0.000		Culvert	
13.336	0.000	Culvert		
13.364	0.000		Culvert	
13.401	0.000	Culvert		
13.412	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 010

Mt. Rainier Park Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
13.421	0.000	Culvert		
13.431	0.000		Culvert	
13.466	0.000	Culvert		
13.477	0.000		Culvert	
13.501	0.000	Culvert		
13.512	0.000		Culvert	
13.579	0.000	Culvert		
13.595	0.000		Culvert	
13.820	0.000			End at Rte 012

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at Rte 010
0.138	0.000		Culvert	
0.161	0.000	Culvert		
0.261	0.000		Culvert	
0.284	0.000	Culvert		
0.303	0.000		Culvert	
0.326	0.000	Culvert		
0.334	0.000		Culvert	
0.358	0.000	Culvert		
0.462	0.000		Culvert	
0.486	0.000	Culvert		
0.601	0.000		Culvert	
0.626	0.000	Culvert		
0.649	0.000		Culvert	
0.658	0.000		Culvert	
0.667	1.018		Guardwall	
0.668	1.018		Bridge	
0.674	0.000	Culvert		
0.682	0.000	Culvert		
0.693	0.705	Bridge		
0.695	0.708	Guardwall		
0.715	0.000		Culvert	
0.742	0.000	Culvert		
0.868	0.000		Culvert	
0.893	0.000	Culvert		
0.902	0.000		Culvert	
0.929	0.000	Culvert		
1.022	1.045	Bridge		
1.022	1.045	Guardwall		
1.194	0.000		Culvert	
1.219	0.000	Culvert		
1.350	0.000		Intersection	Rte 929, campground
1.376	0.000		Intersection	Rte 930, campground
1.410	0.000		Pullout	
1.571	0.000		Culvert	
1.597	0.000	Culvert		
1.743	0.000		Culvert	
1.769	0.000	Culvert		
1.775	0.000		Culvert	
1.794	0.000		Culvert	
1.799	0.000	Culvert		
1.819	0.000	Culvert		
1.882	0.000		Culvert	
1.908	0.000	Culvert		
1.914	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
1.940	0.000	Culvert		
1.954	0.000		Culvert	
1.978	0.000	Culvert		
1.981	0.000		Culvert	
2.006	0.000	Culvert		
2.023	0.000		Culvert	
2.042	0.000		Culvert	
2.048	0.000	Culvert		
2.060	0.000		Culvert	
2.066	0.000	Culvert		
2.086	0.000	Culvert		
2.098	0.000		Culvert	
2.123	0.000	Culvert		
2.136	0.000		Culvert	
2.161	0.000	Culvert		
2.195	0.000		Culvert	
2.221	0.000	Culvert		
2.233	0.000		Culvert	
2.258	0.000	Culvert		
2.300	0.000		Culvert	
2.326	0.000	Culvert		
2.358	0.000		Culvert	
2.382	0.000	Culvert		
2.393	0.000		Culvert	
2.417	0.000	Culvert		
2.512	0.000		Culvert	
2.536	0.000	Culvert		
2.548	0.000		Culvert	
2.572	0.000	Culvert		
2.595	0.000		Culvert	
2.619	0.000	Culvert		
2.657	0.000		Culvert	
2.681	0.000	Culvert		
2.704	2.721		Bridge	
3.149	0.000		Culvert	
3.167	0.000	Culvert		
3.205	0.000		Culvert	
3.224	0.000		Culvert	
3.226	0.000	Culvert		
3.246	0.000	Culvert		
3.247	0.000		Culvert	
3.262	0.000		Culvert	
3.271	0.000	Culvert		
3.284	0.000	Culvert		
3.292	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
3.314	0.000	Culvert		
3.384	0.000		Culvert	
3.408	0.000	Culvert		
3.450	0.000		Culvert	
3.473	0.000	Culvert		
3.501	0.000	Culvert		
3.510	0.000		Culvert	
3.533	0.000	Culvert		
3.592	0.000		Pullout	
3.700	0.000		Culvert	
3.722	0.000	Culvert		
3.744	0.000		Culvert	
3.766	0.000	Culvert		
3.817	0.000		Culvert	
3.840	0.000	Culvert		
3.874	0.000		Culvert	
3.896	0.000	Culvert		
3.920	0.000		Culvert	
3.941	0.000	Culvert		
4.130	0.000		Culvert	
4.153	0.000	Culvert		
4.223	4.265		Guardwall	
4.237	4.261		Bridge	
4.249	4.254	Guardwall		
4.270	4.274		Guardwall	
4.282	4.294	Guardwall		
4.323	0.000		Culvert	
4.347	0.000	Culvert		
4.371	0.000		Culvert	
4.394	0.000	Culvert		
4.404	0.000	Culvert		
4.404	0.000		Culvert	
4.427	0.000	Culvert		
4.742	0.000		Culvert	
4.765	0.000	Culvert		
4.851	0.000		Culvert	
4.872	0.000	Culvert		
4.978	0.000		Culvert	
4.999	0.000	Culvert		
5.017	0.000		Culvert	
5.036	0.000	Culvert		
5.131	0.000		Culvert	
5.153	0.000	Culvert		
5.156	0.000		Culvert	
5.171	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
5.178	0.000	Culvert	
5.191	0.000	Culvert	
5.285	5.320	Guardwall	
5.293	5.316	Bridge	
5.357	0.000	Culvert	
5.371	0.000	Intersection	Rte 200, Wonderland Trail
5.379	0.000	Culvert	
5.565	0.000	Culvert	
5.587	0.000	Culvert	
5.597	0.000	Culvert	
5.820	0.000	Culvert	
5.737	0.000	Culvert	
5.816	0.000	Culvert	
5.839	0.000	Culvert	
5.860	0.000	Culvert	
5.882	0.000	Culvert	
5.914	0.000	Culvert	
5.935	0.000	Culvert	
5.965	0.000	Culvert	
5.988	0.000	Culvert	
6.072	0.000	Culvert	
6.092	0.000	Culvert	
6.199	0.000	Culvert	
6.223	0.000	Culvert	
6.337	0.000	Culvert	
6.555	0.000	Culvert	
6.395	0.000	Culvert	
6.402	0.000	Culvert	
6.413	0.000	Culvert	
6.421	0.000	Culvert	
6.442	0.000	Culvert	
6.462	0.000	Culvert	
6.601	0.000	Culvert	
6.619	0.000	Culvert	
6.652	0.000	Culvert	
6.689	0.000	Culvert	
6.689	0.000	Culvert	
6.709	0.000	Culvert	
6.745	0.000	Culvert	
6.763	0.000	Culvert	
6.841	0.000	Culvert	
6.858	0.000	Culvert	
6.859	0.000	Culvert	
6.874	0.000	Culvert	
6.886	0.000	Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
6.903	0.000	Culvert		
6.917	0.000		Culvert	
6.930	0.000		Culvert	
6.939	0.000	Culvert		
6.947	0.000	Culvert		
6.971	6.988		Guardrail	
7.035	0.000		Culvert	
7.051	0.000	Culvert		
7.086	0.000		Culvert	
7.111	0.000	Culvert		
7.169	0.000		Culvert	
7.190	0.000	Culvert		
7.254	0.000		Culvert	
7.271	0.000	Culvert		
7.342	0.000		Culvert	
7.359	0.000	Culvert		
7.375	7.431		Guardwall	
7.443	0.000		Culvert	
7.460	0.000	Culvert		
7.468	7.499		Guardwall	
7.530	7.653		Guardwall	
7.806	0.000		Culvert	
7.818	0.000	Culvert		
7.881	0.000		Culvert	
7.895	0.000	Culvert		
8.009	0.000		Culvert	
8.018	0.000	Culvert		
8.159	0.000	Culvert		
8.217	0.000		Culvert	
8.221	0.000	Culvert		
8.247	0.000		Culvert	
8.280	0.000	Culvert		
8.357	0.000		Culvert	
8.384	0.000	Culvert		
8.421	0.000		Culvert	
8.435	0.000	Culvert		
8.633	0.000		Culvert	
8.645	0.000	Culvert		
8.961	0.000		Culvert	
8.973	0.000	Culvert		
9.082	0.000		Culvert	
9.092	0.000	Culvert		
9.205	0.000		Pullout	
9.465	0.000		Culvert	
9.471	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
9.753	0.000		Culvert	
9.757	0.000	Culvert		
10.245	0.000		Culvert	
10.425	0.000		Culvert	
10.431	0.000	Culvert		
10.829	0.000		Culvert	
10.832	0.000	Culvert		
10.934	0.000	Culvert		
10.935	0.000		Culvert	
11.062	0.000	Culvert		
11.063	0.000		Culvert	
11.222	0.000	Culvert		
11.222	0.000		Culvert	
11.285	0.000	Culvert		
11.288	0.000		Culvert	
11.299	0.000	Culvert		
11.300	0.000		Culvert	
11.349	0.000	Culvert		
11.352	0.000		Culvert	
11.418	0.000	Culvert		
11.420	0.000		Culvert	
11.450	0.000	Culvert		
11.450	0.000		Culvert	
11.458	0.000	Culvert		
11.461	0.000		Culvert	
11.496	0.000		Culvert	
11.500	0.000	Culvert		
11.569	0.000		Culvert	
11.573	0.000	Culvert		
11.593	0.000		Culvert	
11.595	0.000	Culvert		
11.904	0.000	Culvert		
12.302	0.000		Culvert	
12.304	0.000	Culvert		
12.616	0.000	Culvert		
12.617	0.000		Culvert	
12.736	12.837	Bridge		
12.758	12.899		Guardwall	
12.784	0.000	Drop Inlet		
12.823	12.873	Turnout		
12.885	0.000		Pullout	
12.918	14.029	Curb		
13.099	0.000		Culvert	
13.338	0.000	Drop Inlet		
13.405	0.000	Drop Inlet		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 011

Sunrise Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
13.454	0.000	Drop Inlet		
13.536	0.000	Drop Inlet		
13.556	0.000	Culvert		
13.562	0.000		Culvert	
13.586	0.000	Drop Inlet		
13.651	0.000	Drop Inlet		
13.792	0.000	Drop Inlet		
13.801	0.000		Culvert	
14.054	0.000	Culvert		
14.061	0.000		Culvert	
14.201	0.000	Culvert		
14.235	0.000		Culvert	
14.296	0.000	Culvert		
14.304	0.000		Culvert	
14.341	0.000		Culvert	
14.362	0.000	Culvert		
14.372	0.000		Culvert	
14.394	0.000	Culvert		
14.405	0.000		Culvert	
14.453	0.000	Pullout		
14.501	0.000	Culvert		
14.509	0.000	Culvert		
14.510	0.000		Culvert	
14.520	0.000		Culvert	
14.527	0.000	Pullout		
14.576	0.000	Culvert		
14.585	0.000		Culvert	
14.589	0.000	Culvert		
14.599	0.000		Culvert	
14.654	0.000	Culvert		
14.664	0.000		Culvert	
14.940	0.000	Culvert		
14.950	0.000		Culvert	
15.000	0.000	Culvert		
15.007	0.000		Culvert	
15.087	0.000	Culvert		
15.096	0.000		Culvert	
15.139	0.000	Culvert		
15.208	0.000		Culvert	
15.232	0.000	Culvert		
15.243	0.000		Culvert	
15.335	0.000	Culvert		
16.360	0.000			

End at Rte 935

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at East Boundary
0.003	0.000		Boundary	
0.069	0.000	Culvert		
0.085	0.000		Culvert	
0.153	0.000		Culvert	
0.209	0.000		Culvert	
0.244	0.000	Culvert		
0.252	0.000		Culvert	
0.260	0.000		Culvert	
0.347	0.000	Culvert		
0.361	0.000		Culvert	
0.412	0.000	Culvert		
0.426	0.000		Culvert	
0.443	0.808	Guardrail		
0.475	0.000	Culvert		
0.486	0.000		Culvert	
0.601	0.000	Culvert		
0.616	0.000		Culvert	
0.622	0.000	Culvert		
0.629	0.000		Pullout	
0.773	0.000	Culvert		
0.787	0.000		Culvert	
0.907	0.000	Culvert		
0.919	0.000		Culvert	
1.006	0.000	Culvert		
1.017	0.000		Culvert	
1.063	0.000	Culvert		
1.074	0.000		Culvert	
1.129	0.000	Culvert		
1.140	0.000		Culvert	
1.171	0.000		Culvert	
1.222	0.000	Culvert		
1.234	0.000		Culvert	
1.364	1.435		Guardwall	
1.435	0.000	Drop Inlet		
1.447	1.533		Guardwall	
1.489	0.000		Drop Inlet	
1.505	0.000	Drop Inlet		
1.597	1.642		Guardwall	
1.640	0.000	Drop Inlet		
1.676	1.790		Guardwall	
1.750	0.000		Drop Inlet	
1.794	1.860		Guardwall	
1.877	1.919		Guardwall	
1.930	1.948		Guardwall	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
1.973	1.996		Guardwall	
2.045	0.000	Culvert		
2.054	2.247		Guardwall	
2.097	0.000		Drop Inlet	
2.272	0.000	Culvert		
2.288	0.000		Culvert	
2.306	0.000	Culvert		
2.321	0.000		Culvert	
2.367	0.000	Culvert		
2.381	0.000		Culvert	
2.421	0.000	Culvert		
2.437	0.000		Culvert	
2.441	0.000	Culvert		
2.454	0.000		Culvert	
2.465	0.000		Culvert	
2.475	0.000		Culvert	
2.487	2.551	Guardrail		
2.488	0.000		Culvert	
2.495	0.000	Culvert		
2.505	0.000		Culvert	
2.522	0.000	Culvert		
2.536	0.000		Culvert	
2.567	3.445	Guardrail		
2.590	0.000	Culvert		
2.600	0.000		Culvert	
2.620	0.000	Culvert		
2.628	0.000		Culvert	
2.664	0.000	Culvert		
2.675	0.000		Culvert	
2.752	0.000	Culvert		
2.763	0.000		Culvert	
2.847	0.000	Culvert		
2.856	0.000		Culvert	
2.896	0.000	Culvert		
2.906	0.000		Culvert	
2.926	0.000	Culvert		
2.935	0.000		Culvert	
3.128	0.000	Culvert		
3.138	0.000		Culvert	
3.213	0.000	Culvert		
3.222	0.000		Culvert	
3.383	0.000	Culvert		
3.448	0.000	Culvert		
3.455	0.000		Culvert	
3.497	0.000	intersection		

Rte 610, Mt. Rainier Rd.

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
3.601	0.000	Culvert		
3.610	0.000		Culvert	
3.710	0.000	Culvert		
3.814	0.000	Culvert		
3.820	0.000		Culvert	
3.868	0.000	Culvert		
3.874	0.000		Culvert	
3.909	0.000	Culvert		
3.914	0.000		Culvert	
3.937	0.000	Culvert		
3.943	0.000		Culvert	
4.038	0.000	Culvert		
4.044	0.000		Culvert	
4.174	0.000	Culvert		
4.179	0.000		Culvert	
4.237	0.000	Culvert		
4.242	0.000		Culvert	
4.308	0.000	Culvert		
4.311	0.000		Culvert	
4.386	0.000	Culvert		
4.391	0.000		Culvert	
4.419	0.000	Culvert		
4.424	0.000		Culvert	
4.504	0.000	Culvert		
4.506	0.000		Culvert	
4.575	0.000	Pullout		
4.614	0.000	Culvert		
4.616	0.000		Culvert	
4.725	0.000	Culvert		
4.729	0.000		Culvert	
4.788	0.000	Culvert		
4.789	0.000		Culvert	
4.994	0.000	Culvert		
4.996	0.000		Culvert	
5.071	0.000	Culvert		
5.074	0.000		Culvert	
5.208	0.000	Culvert		
5.209	0.000		Culvert	
5.338	0.000	Culvert		
5.338	0.000		Culvert	
5.488	0.000	Culvert		
5.488	0.000		Culvert	
5.630	0.000	Culvert		
5.631	0.000		Culvert	
5.737	5.759	Guardrail		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
5.744	0.000		Culvert	
5.747	0.000	Culvert		
5.821	0.000		Culvert	
5.826	0.000	Culvert		
5.879	0.000		Culvert	
5.883	0.000	Culvert		
6.030	0.000		Culvert	
6.034	0.500	Culvert		
6.115	0.000		Culvert	
6.120	0.000	Culvert		
6.177	0.000		Culvert	
6.183	0.000	Culvert		
6.183	6.292		Guardwall	
6.207	6.279	Guardwall		
6.212	6.265		Bridge	
6.299	0.000		Culvert	
6.300	0.000	Culvert		
6.401	0.000		Culvert	
6.406	0.000	Culvert		
6.455	0.000		Culvert	
6.480	0.000	Culvert		
6.493	0.000		Culvert	
6.497	0.000	Culvert		
6.544	0.000		Culvert	
6.549	0.000	Culvert		
6.599	0.000	Pullout		
6.656	0.000		Culvert	
6.659	0.000	Culvert		
6.701	0.000	Culvert		
6.796	0.000		Culvert	
6.801	0.000	Culvert		
6.850	0.000		Culvert	
6.864	0.000	Culvert		
6.945	0.000		Culvert	
6.951	0.000	Culvert		
7.011	0.000	Culvert		
7.023	0.000		Pullout	
7.043	0.000	inrersection		Rte 011, Sunrise Road
7.123	0.000		Culvert	
7.125	0.000	Culvert		
7.254	0.000		Culvert	
7.261	0.000	Culvert		
7.382	0.000	Culvert		
7.465	0.000		Culvert	
7.470	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST BEGIN	MILE POST END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
7.517	0.000		Culvert	
7.526	0.000	Culvert		
7.693	0.000		Culvert	
7.703	0.000	Culvert		
7.818	0.000		Culvert	
7.826	0.000	Culvert		
7.840	0.000		Culvert	
7.849	0.000	Culvert		
7.937	0.000		Culvert	
7.947	0.000	Culvert		
8.039	0.000	Culvert		
8.050	0.000		Culvert	
8.059	0.000	Culvert		
8.158	0.000		Culvert	
8.167	0.000	Culvert		
8.186	0.000		Culvert	
8.195	0.000	Culvert		
8.295	0.000		Culvert	
8.306	0.000	Culvert		
8.340	0.000		Culvert	
8.349	0.000	Culvert		
8.413	0.000	Culvert		
8.460	0.000		Culvert	
8.473	0.000	Culvert		
8.577	0.000		Culvert	
8.589	0.000	Culvert		
8.638	0.000		Culvert	
8.651	0.000	Culvert		
8.711	0.000		Culvert	
8.725	0.000	Culvert		
8.864	0.000		Culvert	
8.877	0.000	Culvert		
8.952	8.960	Guardwall		
8.976	0.000	Culvert		
9.070	0.000		Culvert	
9.083	0.000	Culvert		
9.463	0.000		Culvert	
9.476	0.000	Culvert		
9.600	0.000		Culvert	
9.615	0.000	Culvert		
9.926	0.000		Culvert	
9.942	0.000	Culvert		
10.054	0.000		Culvert	
10.069	0.000	Culvert		
10.097	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
10.115	0.000	Culvert		
10.221	0.000	Culvert		
10.245	0.000		Culvert	
10.260	0.000	Culvert		
10.263	0.000		Culvert	
10.277	0.000	Culvert		
10.282	0.000		Culvert	
10.296	0.000	Culvert		
10.321	0.000		Culvert	
10.338	0.000	Culvert		
10.355	0.000		Culvert	
10.370	0.000	Culvert		
10.394	0.000		Culvert	
10.407	0.000	Culvert		
10.423	0.000		Culvert	
10.438	0.000	Culvert		
10.460	0.000		Culvert	
10.474	0.000	Culvert		
10.481	0.000		Culvert	
10.494	0.000	Culvert		
10.516	0.000		Culvert	
10.531	0.000	Culvert		
10.571	0.000		Culvert	
10.586	0.000	Culvert		
10.599	0.000		Culvert	
10.615	0.000	Culvert		
10.638	0.000		Culvert	
10.654	0.000	Culvert		
10.670	0.000		Culvert	
10.686	0.000	Culvert		
10.702	0.000	Culvert		
10.702	0.000		Culvert	
10.718	0.000	Culvert		
10.752	0.000		Culvert	
10.770	0.000	Culvert		
10.809	0.000		Culvert	
10.825	0.000	Culvert		
10.906	0.000		Culvert	
10.923	0.000	Culvert		
10.944	0.000		Culvert	
10.960	0.000	Culvert		
11.017	0.000		Culvert	
11.031	0.000		Culvert	
11.035	0.000	Culvert		
11.049	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 012

Mather Memorial Pkwy

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
11.140	0.000		Culvert	
11.157	0.000	Culvert		
11.228	0.000		Culvert	
11.244	0.000	Culvert		
11.274	0.000		Culvert	
11.291	0.000	Culvert		
11.540	0.000		Boundary	
11.540	0.000			End at North Boundary

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at Rte 014
0.021	0.000	Culvert		
0.043	0.054		Bridge	
0.176	0.000	Intersection		Rte 500, Valley Road
0.183	0.000	Culvert		
0.189	0.000		Culvert	
0.221	0.000	Culvert		
0.222	0.000		Pullout	
0.262	0.000	Culvert		
0.267	0.000		Culvert	
0.302	0.413	Ditch		
0.321	0.471		Guardwall	
0.330	0.440	Guardwall		
0.375	0.000	Drop Inlet		
0.444	0.000	Drop Inlet		
0.475	0.493	Guardwall		
0.483	0.679		Guardwall	
0.506	0.622	Guardwall		
0.524	0.000	Drop inlet		
0.533	0.000		Culvert	
0.587	0.662	Guardwall		
0.615	0.000	Culvert		
0.623	0.000		Culvert	
0.677	0.000	Culvert		
0.690	0.000		Pullout	
0.793	0.000		Pullout	
0.801	0.000	Culvert		
0.903	0.000	Culvert		
0.912	0.000		Culvert	
0.967	0.000	Culvert		
0.976	0.000		Culvert	
0.990	0.000	Culvert		
0.998	0.000		Culvert	
1.000	0.000	Pullout		
1.016	0.000	Culvert		
1.024	0.000		Culvert	
1.083	0.000	Culvert		
1.098	0.000		Culvert	
1.161	0.000	Culvert		
1.168	0.000		Culvert	
1.189	0.000	Culvert		
1.211	0.000		Pullout	
1.232	0.000	Culvert		
1.239	0.000		Culvert	
1.284	1.505	Curb		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
1.287	1.352	Guardwall	
1.338	0.000	Pullout	
1.363	0.000		Culvert
1.378	0.000	Pullout	
1.392	0.000		Culvert
1.415	0.000	Culvert	
1.422	0.000		Pullout
1.436	0.000	Culvert	
1.444	0.000		Culvert
1.454	0.000		Culvert
1.457	1.512	Guardwall	
1.468	0.000		Culvert
1.489	0.000	Pullout	
1.519	0.000		Culvert
1.606	0.000		Culvert
1.638	0.000	Culvert	
1.647	0.000		Culvert
1.664	0.000		Culvert
1.681	0.000	Culvert	
1.690	0.000		Culvert
1.735	0.000		Culvert
1.754	0.000	Pullout	
1.771	0.000		Culvert
1.797	0.000	Culvert	
1.811	0.000		Culvert
1.826	0.000		Culvert
1.851	0.000	Culvert	
1.861	0.000		Culvert
1.871	0.000		Culvert
1.878	0.000	Culvert	
1.887	0.000		Culvert
1.919	0.000	Pullout	
1.941	0.000		Culvert
1.955	0.000	Culvert	
1.985	0.000		Culvert
2.014	0.000	Culvert	
2.025	0.000		Culvert
2.048	0.000	Pullout	
2.062	2.082	Guardwall	
2.075	2.083		Bridge
2.109	0.000	Culvert	
2.118	0.000	Pullout	
2.125	0.000		Culvert
2.177	0.000	Culvert	
2.186	0.000		Culvert

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
2.215	0.000	Culvert		
2.223	0.000		Culvert	
2.248	0.000	Pulout		
2.262	0.000		Culvert	
2.379	0.000		Pulout	
2.415	0.000	Culvert		
2.544	0.000		Culvert	
2.576	0.000		Culvert	
2.595	0.000	Culvert		
2.603	0.000		Culvert	
2.631	0.000	Culvert		
2.651	0.000		Culvert	
2.658	0.000	Culvert		
2.664	0.000		Culvert	
2.683	0.000	Pulout		
2.696	0.000	Culvert		
2.703	0.000		Culvert	
2.716	0.000	Culvert		
2.743	0.000	Culvert		
2.759	0.000	Culvert		
2.763	0.000		Culvert	
2.772	0.000		Culvert	
2.775	0.000	Culvert		
2.781	0.000		Culvert	
2.809	0.000		Culvert	
2.819	0.000	Culvert		
2.825	0.000		Culvert	
2.860	0.000	Culvert		
2.868	0.000		Culvert	
2.883	0.000		Pulout	
2.904	0.000	Culvert		
2.957	0.000	Culvert		
2.967	0.000		Culvert	
3.000	0.000	Culvert		
3.005	0.000		Culvert	
3.049	0.000	Culvert		
3.053	0.000		Culvert	
3.074	0.000	Culvert		
3.083	0.000		Culvert	
3.117	0.000	Culvert		
3.124	0.000		Culvert	
3.187	0.000		Culvert	
3.191	0.000	Culvert		
3.195	0.000		Culvert	
3.223	3.353		Ditch	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
3.265	0.000	Culvert		
3.271	0.000		Culvert	
3.326	0.000		Pullout	
3.518	0.000	Culvert		
3.526	0.000		Culvert	
3.559	0.000	Pullout		
3.625	0.000		Pullout	
3.665	3.904		Curb	
3.895	0.000	Culvert		
3.900	0.000		Culvert	
3.913	0.000		Culvert	
3.915	0.000	Culvert		
3.930	0.000		Pullout	
3.935	0.000		Culvert	
4.038	0.000	Culvert		
4.043	0.000		Culvert	
4.149	0.000	Culvert		
4.153	0.000		Culvert	
4.183	0.000		Pullout	
4.235	0.000	Culvert		
4.241	0.000		Culvert	
4.282	0.000	Culvert		
4.287	0.000		Culvert	
4.341	0.000	Culvert		
4.349	0.000		Culvert	
4.366	0.000	Culvert		
4.411	0.000	Culvert		
4.415	0.000		Culvert	
4.442	0.000	Culvert		
4.447	0.000		Culvert	
4.515	0.000	Culvert		
4.567	0.000		Pullout	
4.653	0.000		Culvert	
4.724	0.000	Culvert		
4.727	0.000		Culvert	
4.758	0.000		Culvert	
4.761	0.000	Culvert		
4.772	0.000		Pullout	
4.767	0.000	Culvert		
4.793	4.836	Guardwall		
4.798	4.836		Guardwall	
4.804	4.871		Bridge	
4.820	0.000		Drop Inlet	
4.825	0.000		Drop Inlet	
4.829	0.000		Drop Inlet	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
4.841	0.000		Drop Inlet	
4.846	0.000		Drop Inlet	
4.851	0.000	Culvert		
4.853	0.000		Culvert	
4.873	0.000	Culvert		
4.886	0.000		Culvert	
4.941	0.000	Culvert		
4.941	0.000		Culvert	
4.977	0.000	Culvert		
4.977	0.000		Culvert	
5.012	0.000	Culvert		
5.012	0.000		Culvert	
5.057	0.000		Culvert	
5.058	0.000	Culvert		
5.100	0.000		Pullout	
5.130	0.000		Culvert	
5.131	0.000	Culvert		
5.221	0.000		Culvert	
5.224	0.000	Culvert		
5.231	0.000		Culvert	
5.233	0.000	Culvert		
5.257	0.000	Culvert		
5.282	0.000		Culvert	
5.287	0.000	Culvert		
5.324	0.000		Culvert	
5.328	0.000	Culvert		
5.328	0.000		Culvert	
5.348	0.000	Culvert		
5.442	0.000		Drop Inlet	
5.443	0.000	Drop Inlet		
5.461	0.484	Ditch		
5.461	0.000		Drop Inlet	
5.465	0.000	Drop Inlet		
5.475	0.000		Pullout	
5.499	5.537		Guardwall	
5.520	0.000		Pullout	
5.570	0.000		Pullout	
5.592	0.000	Drop Inlet		
5.594	0.000		Culvert	
5.641	0.000		Culvert	
5.644	0.000	Culvert		
5.668	0.000		Culvert	
5.672	0.000	Culvert		
5.685	0.000		Pullout	
5.697	0.000	Drop Inlet		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
5.701	0.000		Drop Inlet	
5.723	0.000		Pullout	
5.735	0.000		Culvert	
5.736	0.000	Culvert		
5.826	0.000		Culvert	
5.829	0.000	Drop Inlet		
5.851	0.000		Culvert	
5.856	0.000	Drop Inlet		
5.865	5.913		Guardwall	
5.918	0.000	Drop Inlet		
5.918	0.000		Drop Inlet	
5.937	0.000		Culvert	
5.947	0.000	Culvert		
5.972	0.000		Culvert	
6.016	0.000		Culvert	
6.021	0.000	Drop Inlet		
6.069	0.000	Drop Inlet		
6.074	0.000		Pullout	
6.092	0.000	Drop Inlet		
6.177	0.000		Culvert	
6.179	0.000	Drop Inlet		
6.218	0.000	Culvert		
6.218	0.000		Culvert	
6.229	0.000		Pullout	
6.265	0.000		Culvert	
6.271	0.000	Drop Inlet		
6.308	0.000	Drop Inlet		
6.308	0.000		Culvert	
6.320	0.000		Pullout	
6.335	6.379		Guardwall	
6.392	6.436		Guardwall	
6.402	6.421	Guardwall		
6.446	0.000		Pullout	
6.460	0.000	Drop Inlet		
6.477	0.000		Culvert	
6.498	0.000		Drop Inlet	
6.500	0.000	Drop Inlet		
6.537	0.000		Drop Inlet	
6.543	0.000	Drop Inlet		
6.566	0.000	Drop Inlet		
6.571	0.000		Pullout	
6.572	7.523	Ditch		
6.598	6.650		Curb	
6.654	6.690		Guardwall	
6.712	6.739		Guardwall	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
6.716	0.000		Culvert	
6.721	0.000	Drop Inlet		
6.747	6.774		Curb	
6.781	0.000	Drop Inlet		
6.792	6.840		Guardwall	
6.797	0.000		Culvert	
6.809	0.000	Drop Inlet		
6.853	0.000		Pullout	
6.879	6.918		Guardwall	
6.922	6.973		Tunnel	
6.924	0.000	Drop Inlet		
6.927	6.978	Tunnel		
6.977	7.033		Guardwall	
6.981	0.000	Drop Inlet		
7.047	7.237		Guardwall	
7.052	0.000	Drop Inlet		
7.116	0.000		Drop Inlet	
7.125	0.000	Drop Inlet		
7.195	0.000	Drop Inlet		
7.195	0.000		Culvert	
7.234	0.000	Culvert		
7.242	0.000		Drop Inlet	
7.243	0.000	Drop Inlet		
7.249	0.000		Pullout	
7.266	7.363		Guardwall	
7.297	0.000		Culvert	
7.308	0.000	Drop Inlet		
7.359	0.000		Drop Inlet	
7.366	6.000	Drop Inlet		
7.373	7.456		Guardwall	
7.423	0.000	Drop Inlet		
7.468	0.000		Drop Inlet	
7.489	0.000	Drop Inlet		
7.483	7.583		Guardwall	
7.515	0.000		Culvert	
7.557	8.047	Ditch		
7.563	0.000	Drop Inlet		
7.563	0.000	Pullout		
7.587	0.000		Drop Inlet	
7.592	0.000	Drop Inlet		
7.668	0.000	Drop Inlet		
7.675	0.000		Drop Inlet	
7.682	0.000	Drop Inlet		
7.775	7.802		Guardwall	
7.781	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
7.787	0.000	Drop inlet		
7.810	0.000		Drop inlet	
7.817	0.000	Drop inlet		
7.875	0.000		Drop Inlet	
7.880	7.929		Guardwall	
7.887	0.000	Drop inlet		
7.954	8.012		Guardwall	
7.957	0.000		Drop Inlet	
7.958	0.000	Drop Inlet		
7.963	0.000	Drop inlet		
8.101	0.000	Culvert		
8.266	0.000		Culvert	
8.307	0.000	Culvert		
8.422	0.000	Culvert		
8.468	0.000		Culvert	
8.478	0.000	Culvert		
8.539	8.574		Tunnel	
8.546	8.578	Tunnel		
8.590	8.665		Guardwall	
8.591	8.640	Guardwall		
8.642	8.685		Turnout	
8.644	8.666	Guardwall		
8.675	8.730	Turnout		
8.759	0.000		Culvert	
8.762	0.000	Culvert		
8.861	0.000		Pullout	
8.926	0.000		Culvert	
8.939	0.000	Culvert		
9.096	0.000	Culvert		
9.138	0.000		Pullout	
9.162	0.000	Culvert		
9.176	9.208		Guardwall	
9.176	9.205		Bridge	
9.186	9.211	Guardwall		
9.239	0.000		Culvert	
9.280	0.000	Culvert		
9.349	0.000		Culvert	
9.352	0.000	Culvert		
9.413	0.000	Culvert		
9.558	0.000	Culvert		
9.638	0.000	Culvert		
9.708	0.000	Culvert		
9.740	0.000	Culvert		
9.750	0.000	Culvert		
9.813	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
9.845	0.000		Culvert	
9.932	0.000	Culvert		
9.955	0.000		Culvert	
9.971	0.000	Culvert		
9.981	0.000		Culvert	
9.996	0.000	Culvert		
10.059	0.000	Culvert		
10.154	0.000	Culvert		
10.253	0.000		Culvert	
10.264	0.000	Culvert		
10.368	0.000		Culvert	
10.438	0.000		Culvert	
10.449	0.000	Culvert		
10.459	0.000		Pullout	
10.480	0.000		Culvert	
10.487	0.000	Culvert		
10.576	0.000		Culvert	
10.594	0.000	Culvert		
10.630	0.000		Culvert	
10.639	0.000	Culvert		
10.813	0.000	Culvert		
10.917	0.000		Culvert	
10.973	0.000	Culvert		
11.066	0.000		Culvert	
11.078	0.000	Culvert		
11.166	0.000	Culvert		
11.210	0.000		Culvert	
11.221	0.000	Culvert		
11.224	0.000		Pullout	
11.329	11.421		Curb	
11.362	0.000	Culvert		
11.542	0.000		Culvert	
11.552	0.000	Culvert		
11.626	11.640		Guardrail	
11.630	11.707		Curb	
11.646	0.000	Culvert		
11.680	0.000	Culvert		
11.736	11.798		Curb	
11.773	0.000	Culvert		
11.911	0.000	Culvert		
11.958	0.000	Culvert		
12.014	0.000	Culvert		
12.027	0.000	Culvert		
12.073	0.000	Culvert		
12.130	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
12.266	0.000	Culvert		
12.325	0.000		Culvert	
12.339	0.000	Culvert		
12.374	0.000		Pullout	
12.403	0.000	Culvert		
12.531	0.000	Culvert		
12.549	0.000		Culvert	
12.557	0.000	Culvert		
12.623	0.000	Culvert		
12.676	0.000	Culvert		
12.690	0.000	Culvert		
12.737	0.000	Culvert		
12.760	0.000		Pullout	
12.805	0.000	Culvert		
12.881	0.000	Culvert		
12.959	0.000		Culvert	
12.968	0.000	Culvert		
13.053	0.000	Culvert		
13.053	0.000		Drop Inlet	
13.084	13.227		Curb	
13.128	0.000	Culvert		
13.152	0.000		Pullout	
13.370	0.000	Pullout		
13.502	13.744		Guardwall	
13.525	14.143	Ditch		
13.748	0.000	Drop Inlet		
13.756	13.827		Curb	
13.856	13.892		Curb	
13.898	13.959		Guardwall	
13.968	0.000	Drop Inlet		
14.109	0.000	Drop Inlet		
14.181	0.000	Culvert		
14.340	0.000	Culvert		
14.431	0.000		Culvert	
14.438	0.000	Culvert		
14.572	0.000	Culvert		
14.777	14.793		Curb	
14.814	14.922		Curb	
14.913	0.000		Culvert	
14.917	0.000	Culvert		
14.939	15.000		Guardwall	
14.972	0.000		Culvert	
14.976	0.000	Culvert		
15.005	15.020		Guardrail	
15.025	15.099		Curb	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
15.062	0.000	Culvert		
15.131	15.200		Guardwall	
15.135	15.145		Bridge	
15.221	0.000	Culvert		
15.264	0.000	Culvert		
15.408	0.000		Culvert	
15.415	0.000	Culvert		
15.469	15.891		Guardwall	
15.479	0.000	Culvert		
15.585	0.000	Culvert		
15.636	0.000	Culvert		
15.678	0.000	Culvert		
15.711	0.000		Culvert	
15.721	0.000	Culvert		
15.956	0.000	Culvert		
16.046	0.000		Culvert	
16.064	0.000	Culvert		
16.135	0.000		Culvert	
16.241	0.000	Culvert		
16.330	0.000	Culvert		
16.574	0.000		Culvert	
16.587	0.000	Culvert		
16.697	0.000		Culvert	
16.909	0.000	Culvert		
17.069	0.000		Culvert	
17.079	0.000	Culvert		
17.082	0.000		Culvert	
17.090	0.000	Culvert		
17.120	0.000		Culvert	
17.132	0.000	Culvert		
17.159	0.000		Culvert	
17.171	0.000	Culvert		
17.234	0.000		Culvert	
17.260	0.000		Culvert	
17.270	0.000	Culvert		
17.308	0.000		Culvert	
17.327	0.000	Culvert		
17.373	17.447		Guardwall	
17.541	0.000	Culvert		
17.795	0.000		Culvert	
17.966	0.000	Culvert		
18.085	0.000	Culvert		
18.113	0.000		Culvert	
18.126	0.000	Culvert		
18.181	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 013

Stevens Canyon Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
18.206	0.000	Pullout		
18.325	0.000	Culvert		
18.490	18.515		Bridge	
18.560	0.000	Pullout		
18.574	0.000		Culvert	
18.728	18.789	Curb		
18.746	18.790	Turnout		
18.832	18.858		Bridge	
19.000	0.000			End at Rte 010

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at West Boundary
0.006	0.000		Boundary	
0.077	0.000	intersection		901, Parking Area
0.142	0.000	Culvert		
0.157	0.000		Culvert	
0.237	0.000	Culvert		
0.281	0.000		Culvert	
0.319	0.000	Culvert		
0.419	0.000		intersection	Rte 201, Sunshine Point Cmpgrnd
0.428	0.000		Culvert	
0.485	0.000	Culvert		
0.643	0.000	Culvert		
0.653	0.000		Pullout	
0.672	0.000		Culvert	
0.764	0.000		Culvert	
0.800	0.831	Curb		
0.824	0.000	Pullout		
0.846	0.000		Culvert	
0.890	0.000	Culvert		
0.893	0.943	Curb		
0.930	0.000	Pullout		
1.051	0.000		Culvert	
1.078	0.000	intersection		Rte 101, West Side Rd.
1.102	0.000	Culvert		
1.104	0.000	Culvert		
1.185	1.197		Bridge	
1.354	0.000	Culvert		
1.480	0.000		Culvert	
1.545	0.000	Culvert		
1.584	1.621	Turnout		
1.666	0.000	Culvert		
1.707	1.727		Curb	
1.718	0.000		Culvert	
1.758	0.000	Pullout		
1.797	0.000		Culvert	
1.837	1.864		Curb	
1.846	0.000		Pullout	
1.874	0.000		Culvert	
1.936	0.000		Culvert	
2.011	0.000	Culvert		
2.101	0.000	Culvert		
2.136	0.000		Culvert	
2.166	0.000	Culvert		
2.335	0.000	Pullout		
2.346	2.390		Curb	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST BEGIN	MILE POST END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
2.357	0.000		Pullout	
2.520	0.000		Culvert	
2.538	2.567		Turnout	
2.718	0.000		Culvert	
2.751	0.000	Culvert		
2.814	0.000		Culvert	
2.845	0.000	Culvert		
2.930	0.000		Culvert	
2.947	0.000		Culvert	
2.963	0.000	Culvert		
2.988	0.000	Culvert		
2.997	0.000	Pullout		
3.008	0.000		Culvert	
3.040	3.067		Curb	
3.046	0.000	Culvert		
3.051	3.067	Curb		
3.051	0.000		Pullout	
3.051	0.000	Pullout		
3.082	0.000		Culvert	
3.129	0.000	Culvert		
3.166	0.000	Culvert		
3.180	0.000	Culvert		
3.357	3.374		Bridge	
3.403	0.000		Intersection	Service Road Entrance, South
3.471	0.000		Intersection	
3.542	0.000		Culvert	
3.568	0.000		Intersection	Rte 902, Kautz Creek Trailhead Prk.
3.591	0.000		Culvert	
3.638	0.000	Culvert		
3.657	0.000	Culvert		
3.671	0.000		Culvert	
3.736	0.000	Culvert		
3.818	0.000		Culvert	
3.854	0.000	Culvert		
3.891	0.000		Culvert	
3.946	0.000		Culvert	
3.989	0.000	Culvert		
4.002	0.000		Culvert	
4.050	0.000	Culvert		
4.064	4.108	Curb		
4.095	0.000	Pullout		
4.144	0.000	Culvert		
4.164	0.000	Pullout		
4.219	0.000		Culvert	
4.259	0.000		Pullout	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
4.276	0.000	Culvert		
4.283	0.000		Culvert	
4.307	0.000	Culvert		
4.339	0.000	Culvert		
4.348	4.389	Curb		
4.377	0.000	Pullout		
4.410	0.000		Culvert	
4.459	0.000	Culvert		
4.538	0.000		Culvert	
4.576	4.598	Curb		
4.591	0.000	Pullout		
4.699	0.000	Culvert		
4.700	4.770		Curb	
4.709	0.000		Pullout	
4.862	0.000	Culvert		
5.006	0.000		Culvert	
5.029	5.037		Curb	
5.028	0.000		Pullout	
5.053	0.000	Culvert		
5.148	0.000		Culvert	
5.170	0.000		Culvert	
5.198	5.214		Curb	
5.199	0.000	Culvert		
5.218	0.000		Pullout	
5.230	0.000		Culvert	
5.268	0.000	Culvert		
5.325	0.000		Culvert	
5.372	0.000	Culvert		
5.397	0.000	Culvert		
5.404	0.000		Culvert	
5.429	0.000		Culvert	
5.447	0.000	Culvert		
5.496	0.000		Culvert	
5.514	0.000	Culvert		
5.622	0.000		Culvert	
5.659	0.000	Culvert		
5.711	0.000		Culvert	
5.749	0.000	Culvert		
5.777	0.000		Culvert	
5.812	0.000	Culvert		
5.877	0.000	Culvert		
5.906	0.000		Culvert	
5.915	0.000	Culvert		
5.943	0.000	Culvert		
5.946	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
5.981	0.000	Culvert		
6.003	0.000	Culvert		
6.030	6.071		Curb	
6.051	0.000		Pullout	
6.202	0.000		Culvert	
6.229	6.258		Curb	
6.241	0.000	Culvert		
6.247	0.000		Pullout	
6.302	0.000		Culvert	
6.304	0.000	Culvert		
6.341	0.000	Culvert		
6.344	0.000		Culvert	
6.377	0.000	Culvert		
6.379	0.000		Intersection	Rte 905, Longmire Maintenance Area
6.447	0.000		Intersection	Rte 100, Backroad (Longmire)
6.475	0.000		Culvert	
6.481	0.000		intersection	Rte 903 Longmire Ranger Station
6.523	0.000	Culvert		
6.618	0.000		Culvert	
6.657	0.000	Culvert		
6.720	0.000		Culvert	
6.739	6.775		Curb	
6.750	0.000	Culvert		
6.752	0.000		Pullout	
6.819	0.000		intersection	
6.845	0.000		intersection	Rte 906, Wonderland Trail Parking
7.037	0.000		Culvert	
7.076	0.000	Culvert		
7.137	0.000		Culvert	
7.175	0.000	Culvert		
7.233	0.000		Culvert	
7.265	0.000	Culvert		
7.319	0.000		Culvert	
7.330	7.342		Guardwall	
7.350	0.000	Culvert		
7.374	0.000	Culvert		
7.439	0.000		Culvert	
7.620	0.000		Culvert	
7.653	0.000	Culvert		
7.714	0.000		Culvert	
7.749	0.000	Culvert		
7.846	0.000		Culvert	
7.879	0.000	Culvert		
7.882	7.840	Ditch		
7.950	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
7.985	8.035	Curb		
7.985	0.000		Culvert	
7.991	0.000	Culvert		
8.020	0.000		Culvert	
8.023	0.000	Pullout		
8.054	0.000	Culvert		
8.103	0.000		Culvert	
8.140	0.000	Culvert		
8.147	8.220	Ditch		
8.209	0.000		Culvert	
8.252	8.352	Ditch		
8.257	0.000	Culvert		
8.457	8.497	Curb		
8.464	8.530		Curb	
8.481	0.000		Pullout	
8.482	0.000	Pullout		
8.506	8.563	Ditch		
8.580	0.000		Intersection	Rte 907, Cougar Rock Picnic Area
8.614	0.000	Intersection		Rte 205, Cougar Rock Campground
8.657	0.000	Pullout		
8.728	8.762		Curb	
8.742	0.000		Pullout	
8.804	0.000		Culvert	
8.978	0.000	Culvert		
9.048	0.000	Culvert		
9.348	9.381	Curb		
9.372	0.000	Pullout		
9.406	0.000	Culvert		
9.718	0.000	Culvert		
9.742	0.000	Culvert		
9.817	9.851	Curb		
9.836	0.000	Pullout		
9.928	0.000		Culvert	
9.970	0.000	Culvert		
10.037	0.000		Culvert	
10.091	0.000	Culvert		
10.137	0.000		Culvert	
10.178	0.000	Culvert		
10.293	0.000	Culvert		
10.463	0.000	Pullout		
10.469	0.000	Drop Inlet		
10.502	0.000	Drop Inlet		
10.521	0.000		Culvert	
10.601	0.000	Culvert		
10.639	0.000		Culvert	

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
10.654	10.768		Guardwall	
10.671	0.000	Culvert		
10.696	0.000		Pullout	
10.711	0.000		Culvert	
10.729	10.744	Guardwall		
10.731	0.000	Culvert		
10.742	0.000		Culvert	
10.752	0.000		Pullout	
10.759	0.000	Culvert		
10.779	0.000		Culvert	
10.814	0.000		Culvert	
10.827	0.000	Culvert		
10.911	0.000	Culvert		
11.105	0.000	Culvert		
11.106	0.000		Pullout	
11.134	0.000	Culvert		
11.193	0.000		Culvert	
11.204	0.000	Culvert		
11.413	0.000		Culvert	
11.442	0.000	Culvert		
11.492	0.000	Culvert		
11.497	0.000		Culvert	
11.513	0.000		Intersection	Rte 910, Nisqually River Parking
11.596	11.737		Bridge	
11.782	0.000		Pullout	
11.788	0.000		Culvert	
11.793	0.000	Culvert		
11.956	12.348	Guardwall		
11.993	0.000	Culvert		
12.006	0.000	Drop Inlet		
12.285	0.000	Drop Inlet		
12.339	12.680		Guardwall	
12.609	0.000		Culvert	
12.689	0.000		Intersection	Rte 203, Miller Cutoff
12.820	0.000		Culvert	
12.834	0.000	Culvert		
13.072	0.000		Culvert	
13.148	0.000		Intersection	Rte 203, Miller Cutoff
13.189	0.000		Culvert	
13.212	0.000	Culvert		
13.388	0.000		Culvert	
13.404	0.000	Culvert		
13.479	0.000	Culvert		
13.790	13.847	Guardwall		
13.818	0.000	Pullout		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
13.887	0.000		Culvert	
14.025	14.063		Curb	
14.041	0.000		Pullout	
14.086	14.134	Curb		
14.116	0.000	Pullout		
14.126	14.163		Curb	
14.138	0.000		Pullout	
14.191	14.297		Curb	
14.205	0.000		Pullout	
14.225	0.000		Culvert	
14.304	0.000		Culvert	
14.310	0.000	Culvert		
14.335	0.000		Culvert	
14.349	0.000	Culvert		
14.450	0.000		Culvert	
14.468	0.000	Culvert		
14.519	14.735		Guardwall	
14.531	0.000		Pullout	
14.559	0.000		Culvert	
14.580	0.000	Culvert		
14.703	0.000		Culvert	
14.717	0.000		Intersection	Rte 913, Narada Falls Parking
14.784	0.000		Culvert	
14.785	0.000	Culvert		
14.813	0.000		Intersection	Rte 913, Narada Falls Parking
14.809	0.000	Culvert		
14.873	0.000	Culvert		
14.914	0.000	Culvert		
14.931	0.000	Culvert		
14.961	0.000	Pullout		
15.005	0.000		Culvert	
15.017	0.000	Culvert		
15.091	0.000		Culvert	
15.165	0.000		Pullout	
15.274	0.000	Culvert		
15.332	0.000	Culvert		
15.353	0.000		Culvert	
15.364	0.000	Culvert		
15.405	0.000	Culvert		
15.423	0.000		Culvert	
15.542	0.000		Intersection	Rte 912, Canyon Rim View Point
15.571	0.000		Culvert	
15.582	0.000	Culvert		
15.647	0.000		Culvert	
15.648	0.000	Culvert		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 014

Nisqually-Paradise Rd.

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
15.700	0.000	Culvert	
15.706	0.000	Culvert	
15.836	0.000	Culvert	
15.857	0.000	Culvert	
15.866	0.000	Culvert	
15.913	0.000	Culvert	
15.924	0.000	Culvert	
15.966	0.000	Culvert	
15.969	0.000	Culvert	
15.996	0.000	Culvert	
16.004	0.000	Culvert	
16.100	0.000	Pullout	
16.135	0.000	Culvert	
16.136	0.000	Culvert	
16.368	0.000	Culvert	
16.375	0.000	Culvert	
16.404	16.472	Curb	
16.450	0.000	Pullout	
16.468	0.000	Culvert	
16.482	0.000	Culvert	
16.589	0.000	Culvert	
16.590	0.000	Culvert	
16.593	0.000	Pullout	
16.628	0.000	Intersection	Rte 914, Paradise Water Plant
16.731	0.000	Pullout	
16.738	0.000	Culvert	
16.909	0.000	Intersection	Rte 202, Paradise Picnic Area
16.951	0.000	Culvert	
16.959	0.000	Culvert	
17.093	0.000	Culvert	
17.099	0.000	Culvert	
17.248	0.000	Intersection	Rte 202, Paradise Picnic Area
17.292	17.580	Curb	
17.305	0.000	Pullout	
17.405	17.416	Curb	
17.443	0.000	Intersection	Rte 916, Paradise Lodge Parking End at Rte 916
17.580	0.000		

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 100

Longmire Backroad

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
0.000 0.000			Begin at Rte 014
0.037 0.000	Intersection		Rte 903, Ranger Station Loop
0.096 0.000		Intersection	Rte 905, Longmire Maint. Area
0.208 0.000		Intersection	
0.365 0.394		Guardrail	
0.564 0.000		Pullout	
1.211 0.000		Intersection	Rte 204, Longmire Campground
1.460 0.000			End at gate

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 200

White River Campground

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
0.000 0.000			Beginn at Rte 011
0.044 0.000		Culvert	
0.055 0.000	Culvert		
0.151 0.000		Culvert	
0.161 0.000	Culvert		
0.193 0.000	Culvert		
0.207 0.000		Culvert	
0.218 0.000	Culvert		
0.267 0.000		Culvert	
0.275 0.000	Culvert		
0.297 0.000		Culvert	
0.304 0.000	Culvert		
0.331 0.000		Culvert	
0.340 0.000	Culvert		
0.379 0.000		Culvert	
0.389 0.000	Culvert		
0.435 0.000		Culvert	
0.442 0.000	Culvert		
0.466 0.000		Culvert	
0.475 0.000	Culvert		
0.585 0.000		Culvert	
0.573 0.000	Culvert		
0.607 0.000		Culvert	
0.615 0.000	Culvert		
0.657 0.000		Culvert	
0.665 0.000	Culvert		
0.699 0.000		Culvert	
0.736 0.000	Culvert		
0.740 0.000		Culvert	
0.748 0.000	Culvert		
0.791 0.000		Culvert	
0.799 0.000	Culvert		
0.802 0.000		Culvert	
0.809 0.000	Culvert		
0.881 0.000		Culvert	
0.898 0.000	Culvert		
0.910 0.000		Culvert	
0.916 0.000	Culvert		
0.998 0.000		Culvert	
1.003 0.000	Culvert		
1.046 0.000	Culvert		
1.050 1.064		Turnout	
1.078 1.090		Turnout	
1.099 0.000		Intersection	Campground Loop
1.125 0.000		Intersection	Campground Loop

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 200

White River Campground

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
1.154	0.000		Intersection	Campground Loop
1.184	0.000		Intersection	Campground Loop
1.200	0.000	Cattle Guard		
1.200	0.000	Intersection		Campground Loops onto self
1.240	0.000			End at Loop

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 202

Paradise Picnic Area Road

MILE POST BEGIN END	FEATURE DESCRIPTION LEFT	FEATURE DESCRIPTION RIGHT	REMARKS
0.000 0.000			Begin at Rte 014
0.154 0.000		Pullout	
0.335 0.358		Curb	
0.344 0.000		Pullout	
0.378 0.394		Curb	
0.385 0.000		Pullout	
0.437 0.460	Curb		
0.451 0.000	Pullout		
0.502 0.514		Curb	
0.509 0.000		Pullout	
0.534 0.547		Curb	
0.539 0.000		Pullout	
0.571 0.585	Curb		
0.578 0.000	Pullout		
0.579 0.592		Curb	
0.586 0.000		Pullout	
0.617 0.000		Pullout	
0.634 0.658		Curb	
0.642 0.000		Pullout	
0.653 0.671	Curb		
0.661 0.000	Pullout		
0.671 0.704		Curb	
0.674 0.719	Curb		
0.692 0.000	Pullout		
0.709 0.719		Curb	
0.715 0.000		Pullout	
0.738 0.739	Curb		
0.748 0.761		Curb	
0.764 0.000	Pullout		
0.772 0.000		Pullout	
0.782 0.856	Curb		
0.785 0.787		Curb	
0.831 0.000	Railroad		
0.837 0.000	Pullout		
0.868 0.000	Overhead Sign		
0.860 0.000			End at Rte 014

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 203

Miller Cutoff

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.276			Begin at Rte 014
0.062	0.423		Guardwall	
0.052	0.900		Pullout	
0.097	0.900		Pullout	
0.276	0.900		Pullout	
0.552	0.900		Pullout	
0.621	0.915		Guardwall	
0.897	0.900		Pullout	
0.935	0.990		Curb	
1.020	0.900			End at Rte 014

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 206

Ohanapecosh Campground

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at Rte 010
0.231	0.000		Culvert	
0.345	0.000		Intersection	Campground Loop
0.358	0.378		Bridge	
0.532	0.000		Intersection	Campground Loop
0.560	0.000		Intersection	Campground Loop
0.639	0.000		intersection	Campground Loop
0.920	0.000			End at End of Loop

ROUTE MAINTENANCE FEATURES ROAD LOG

ROUTE 500

Valley Road

MILE POST		FEATURE	FEATURE	REMARKS
BEGIN	END	DESCRIPTION LEFT	DESCRIPTION RIGHT	
0.000	0.000			Begin at Rte 014/916
0.012	0.000		Culvert	
0.060	0.090		Guardwall	
0.067	0.000		Pullout	
0.097	0.179		Guardwall	
0.127	0.000		Pullout	
0.241	0.000		Culvert	
0.301	0.000		Culvert	
0.388	0.000		Culvert	
0.440	0.449		Bridge	
0.460	0.000		Culvert	
0.490	0.000		Culvert	
0.546	0.000		Culvert	
0.642	0.653		Bridge	
0.676	0.000		Culvert	
0.699	0.000		Pullout	
0.845	0.000		Drop Inlet	
0.879	0.000		Culvert	
0.909	0.000		Culvert	
0.938	0.000		Culvert	
1.031	0.000		Culvert	
1.117	0.000		Culvert	
1.147	0.000		Culvert	
1.178	0.000		Culvert	
1.462	0.000		Culvert	
1.545	0.000		Culvert	
1.850	0.000		Culvert	
1.957	0.000		Culvert	
2.046	0.000		Culvert	
2.180	0.000			End at Rte 013

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 010

DATE: 12/98

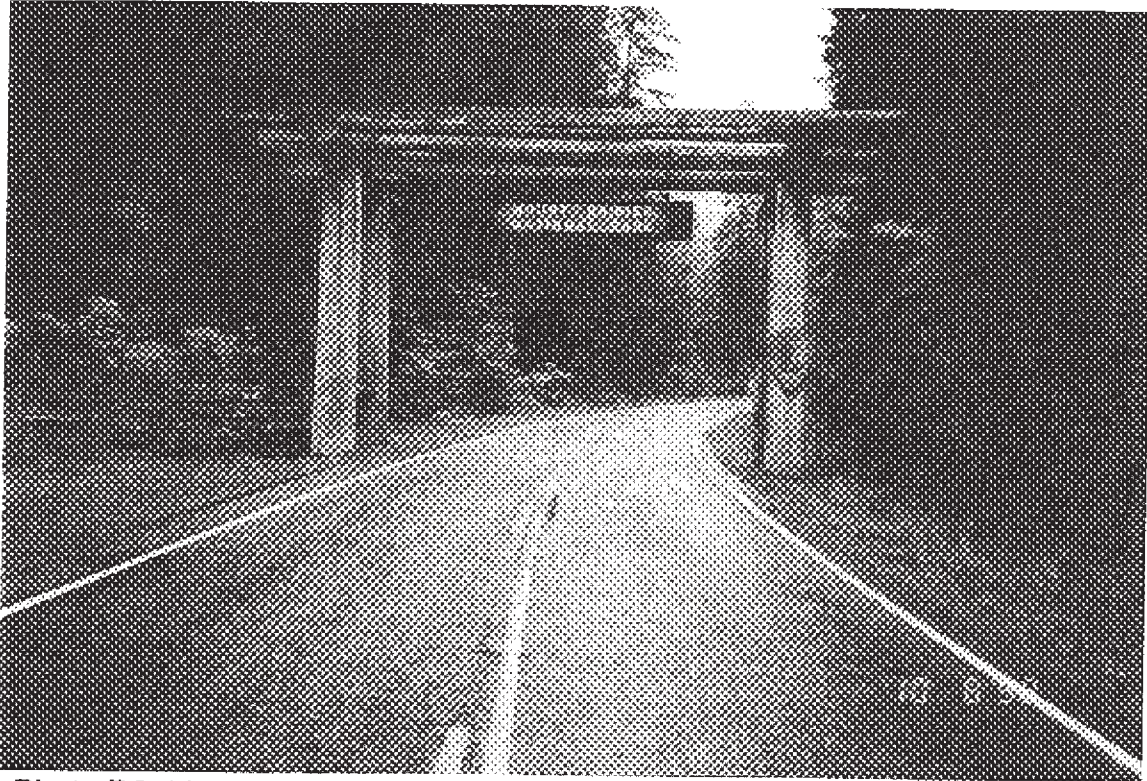


Photo R2-11 - MP 0.00- Begin Route at South boundary

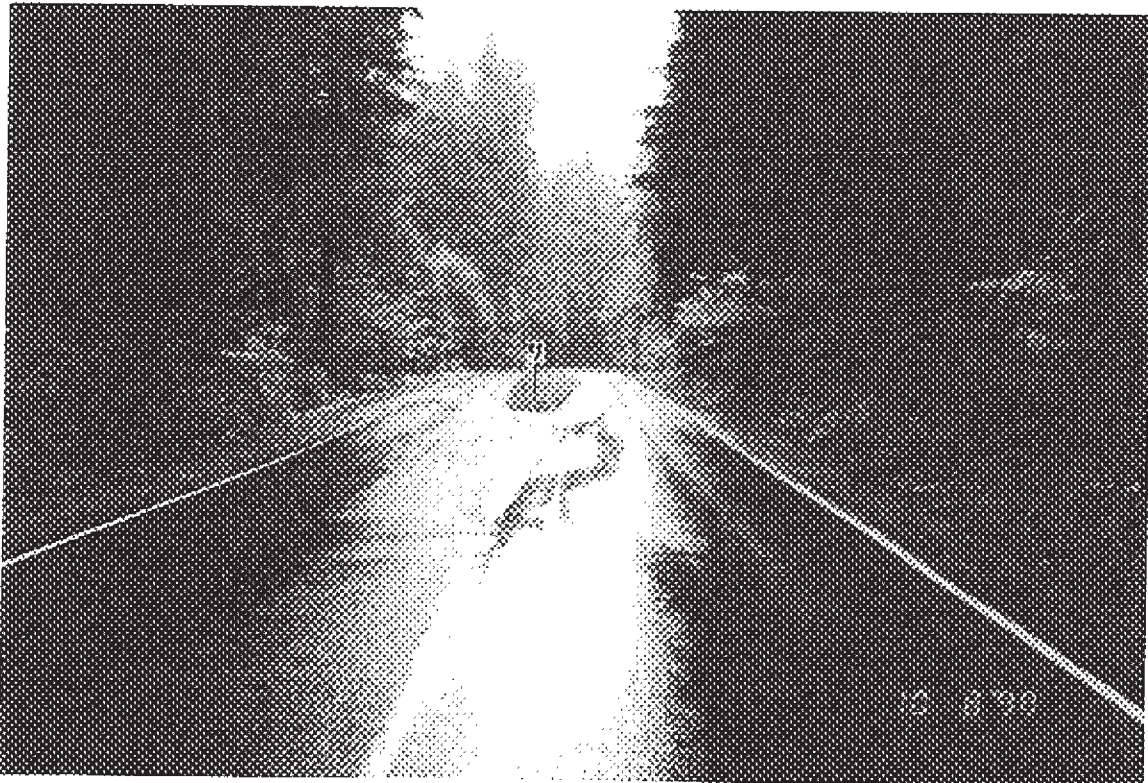


Photo R2-12 - MP 1.00 - Entrance to Ohanapecosh

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 010

DATE: 12/98

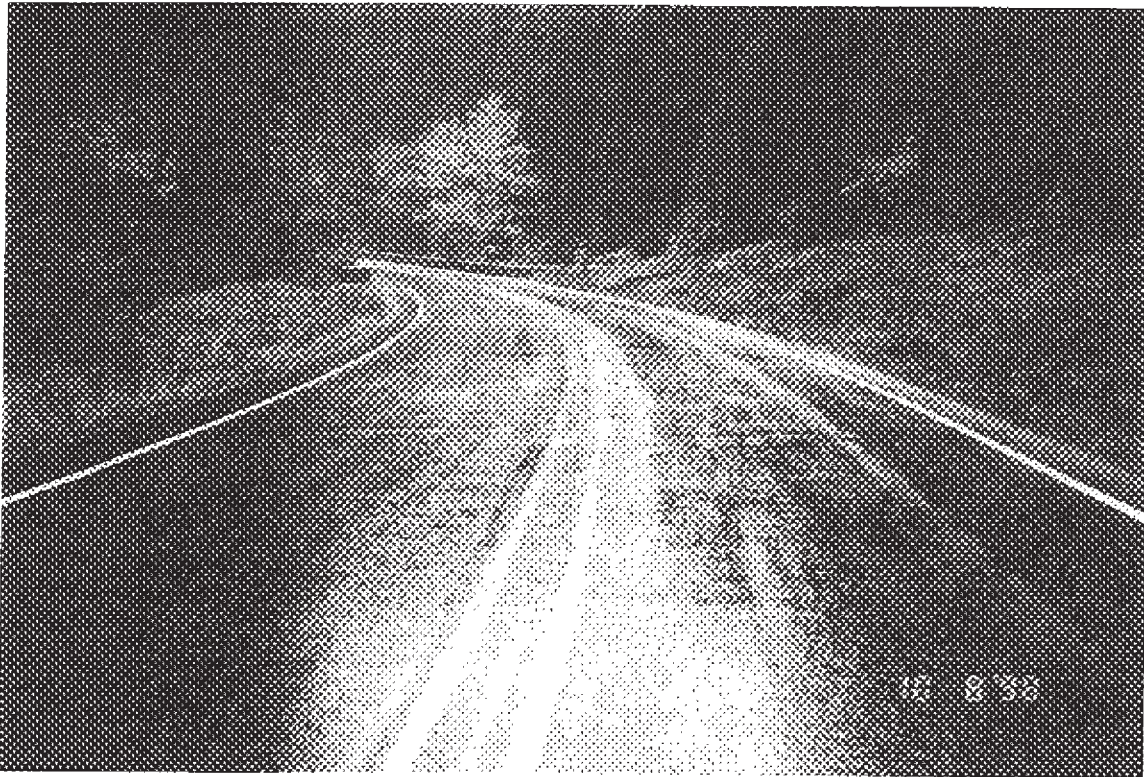


Photo R2-13 - MP 2.40 - Typical pavement section and bridge

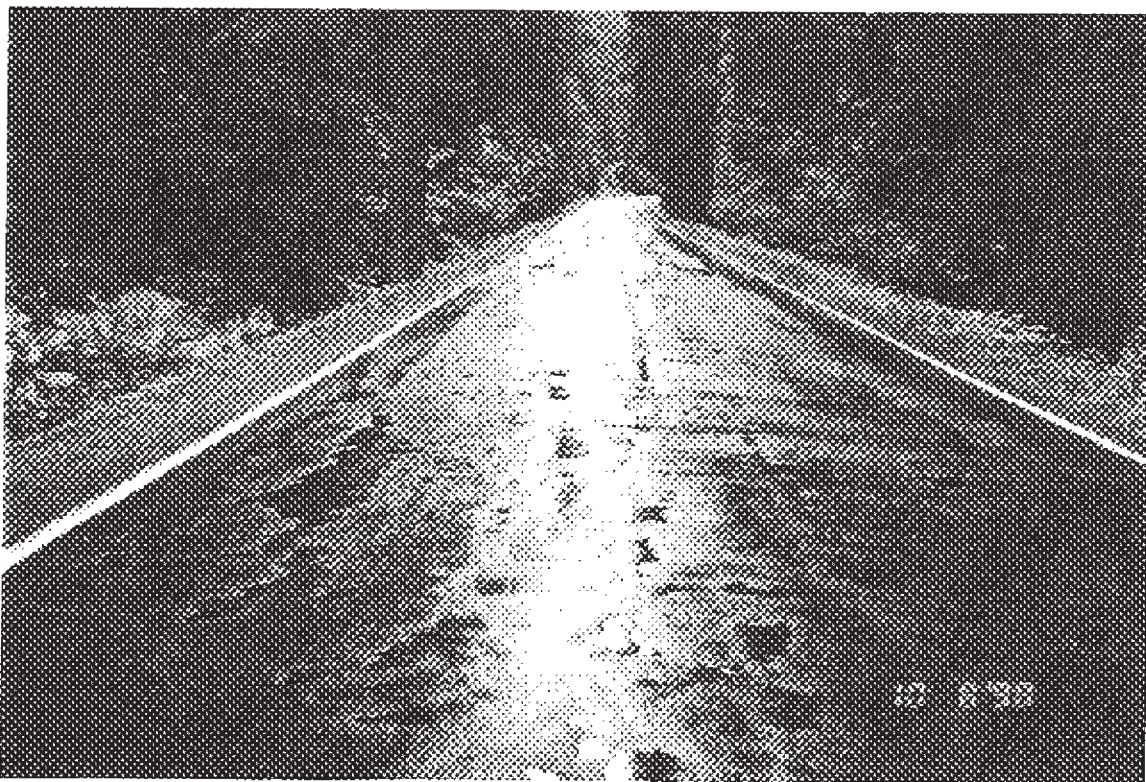


Photo R2-14 - MP 3.80 - Localized distress and blade patch

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 010

DATE: 12/98



Photo R2-15: - MP 5.90 - Typical blade patch

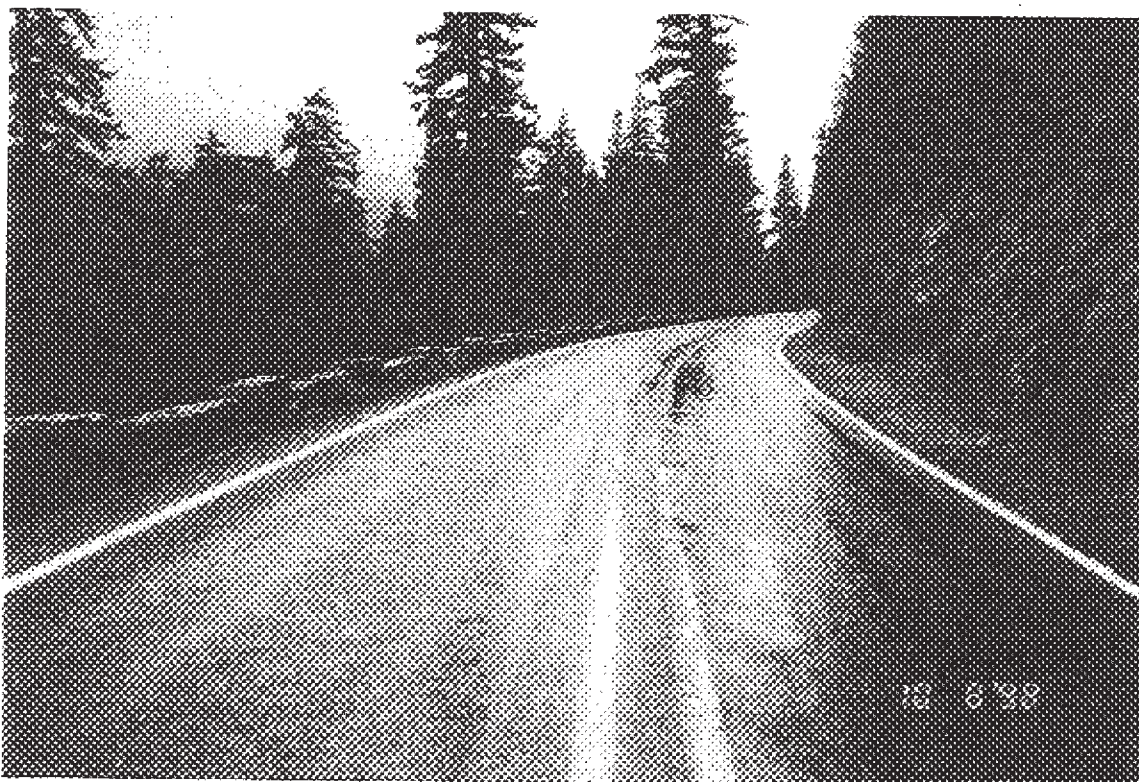


Photo R2-16 - MP 7.70 - Typical pavement section and rock wall

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 010
DATE: 12/98

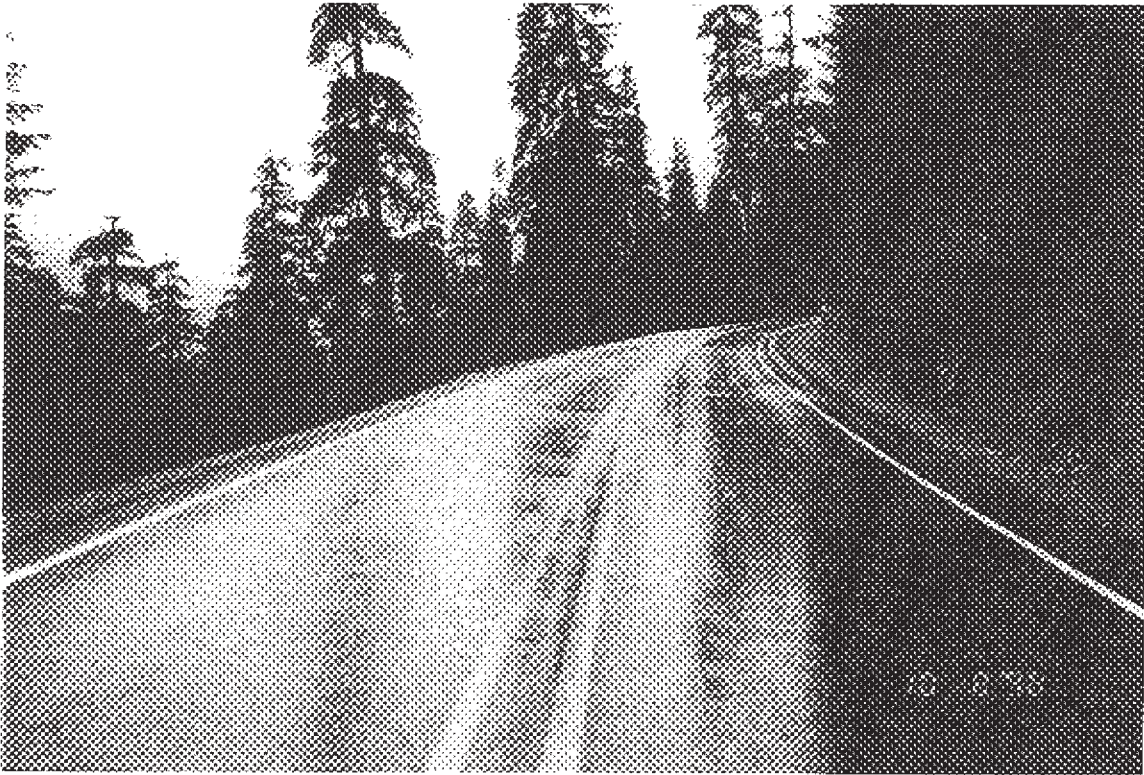


Photo R2-17 - MP 8.40 - New pavement, good condition



Photo R2-18 - MP 11.10 Typical pavement section, looking back

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 010

DATE: 12/98

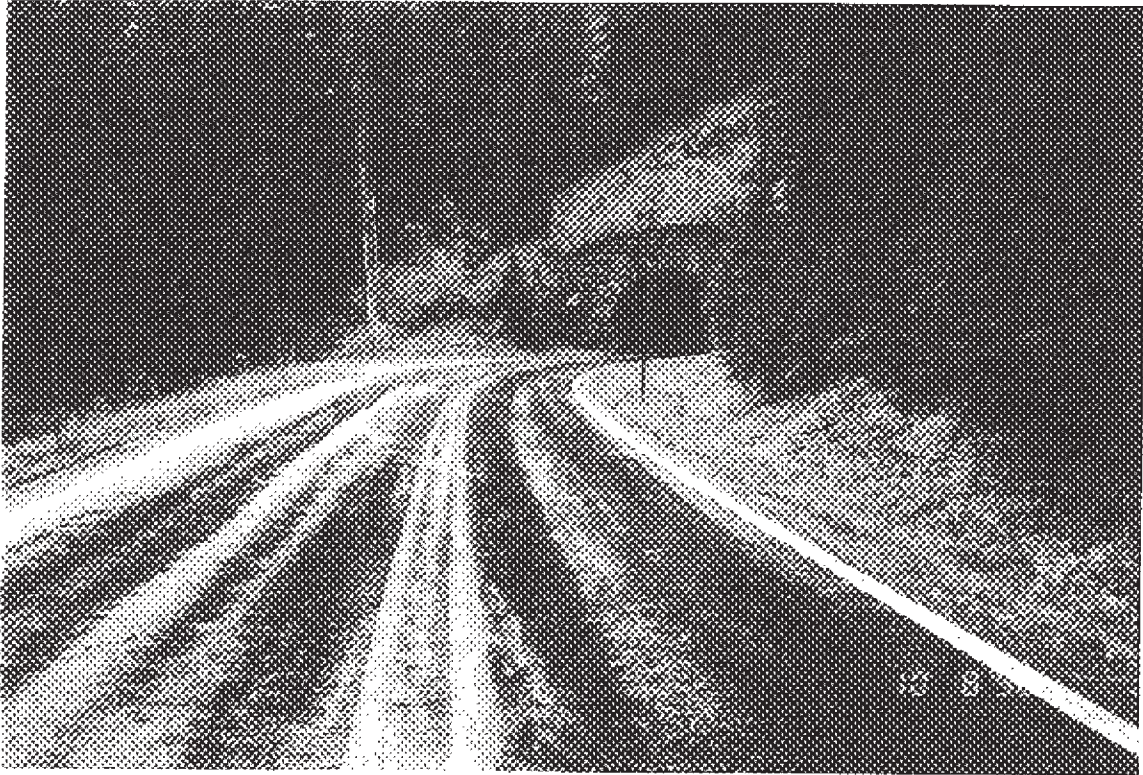


Photo R2-19 - MP 11.11 - Tunnel entrance

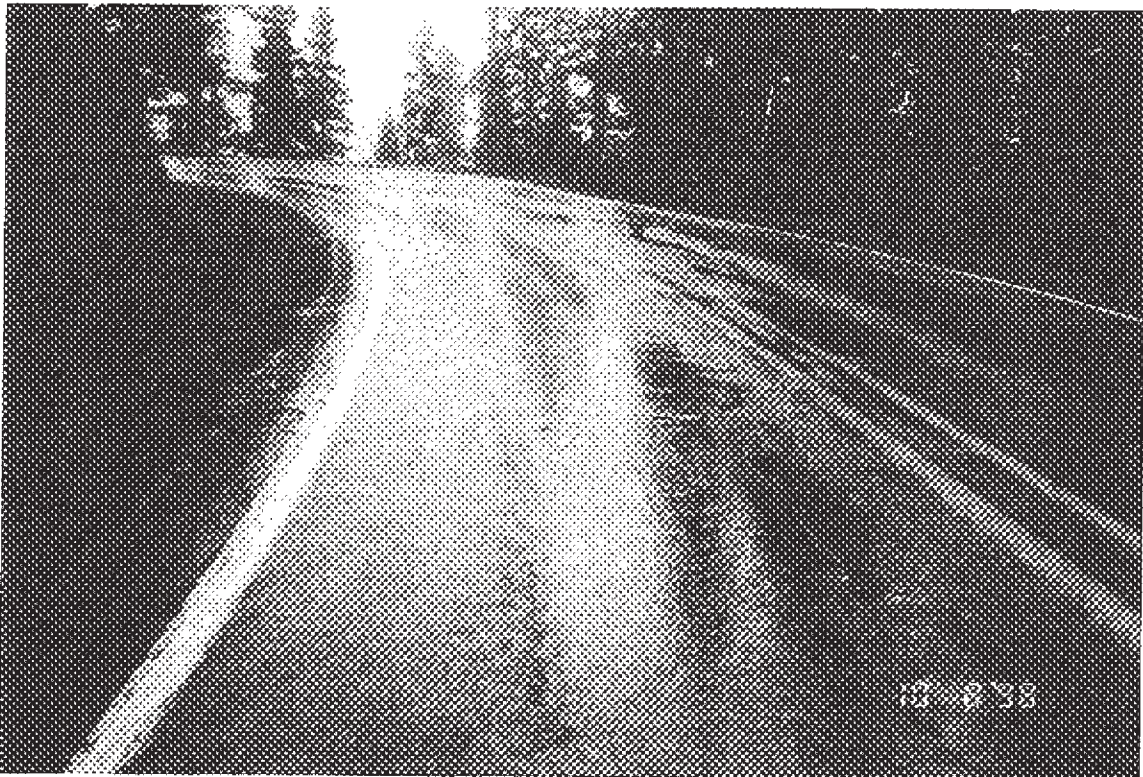


Photo R2-20 - MP 12.90 Faulting subgrade, typical distress in area

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 011
DATE: 12/98



Photo R3-06 - MP 0.10 Typical pavement section

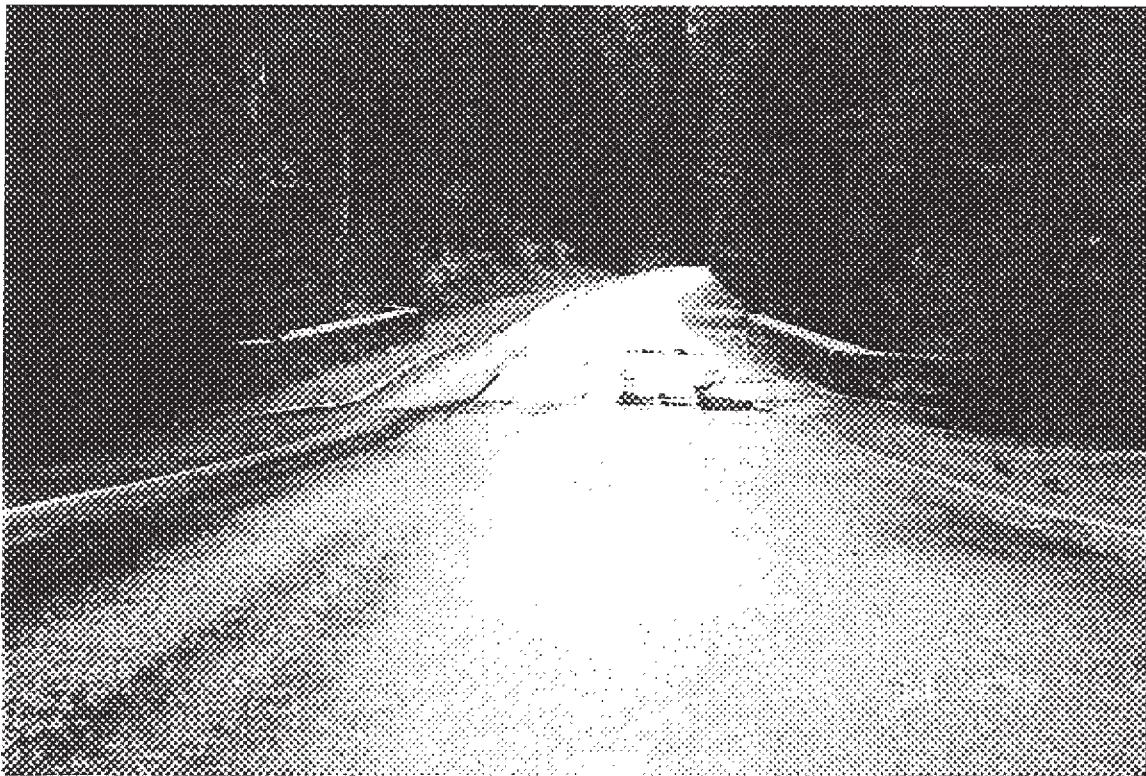


Photo R3-07 - MP 0.90 - Bridge approach

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 011
DATE: 12/98

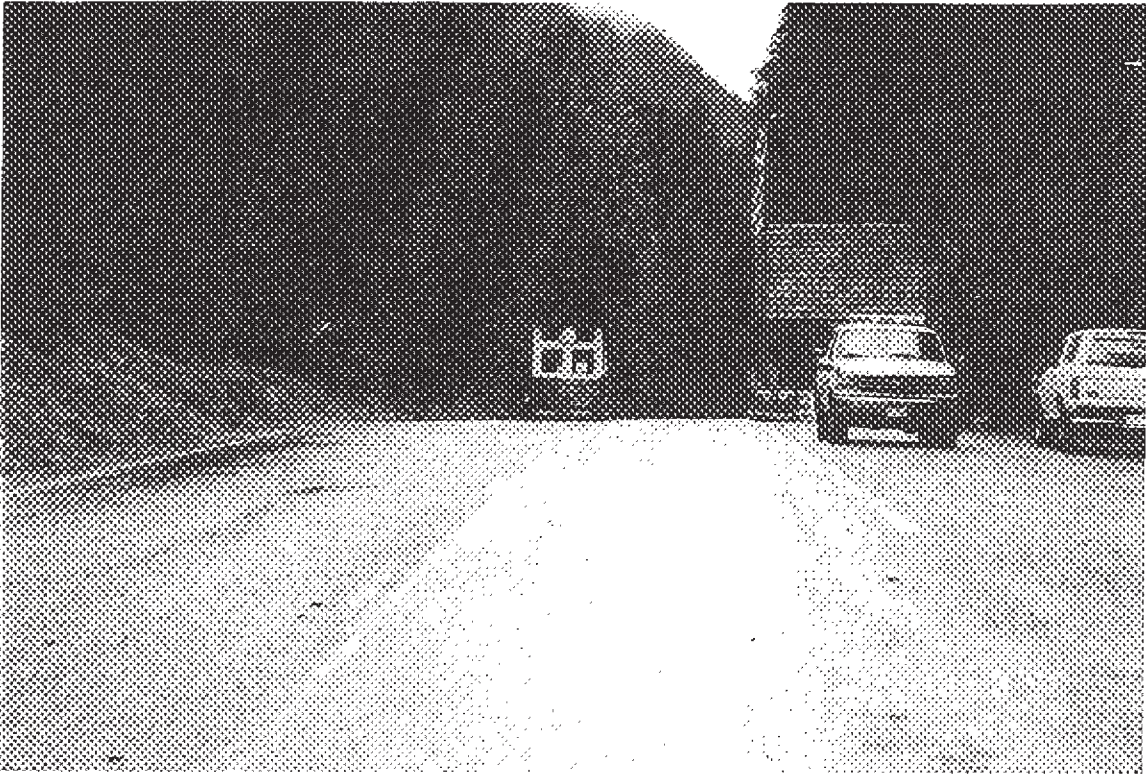


Photo R3-08 - MP 1.30 - Contact Station



Photo R3-09 - MP 2.00 - Subgrade failure

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 011

DATE: 12/98

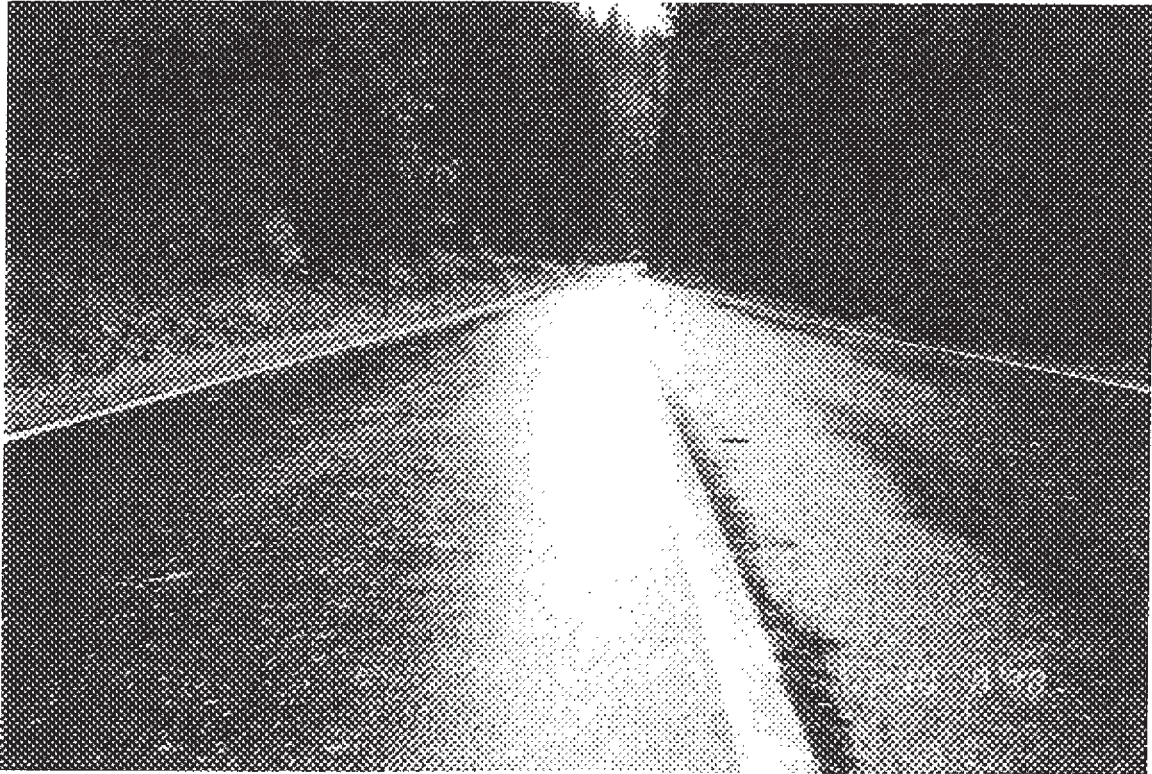


Photo R3-10 - MP 4.80 - Good pavement section

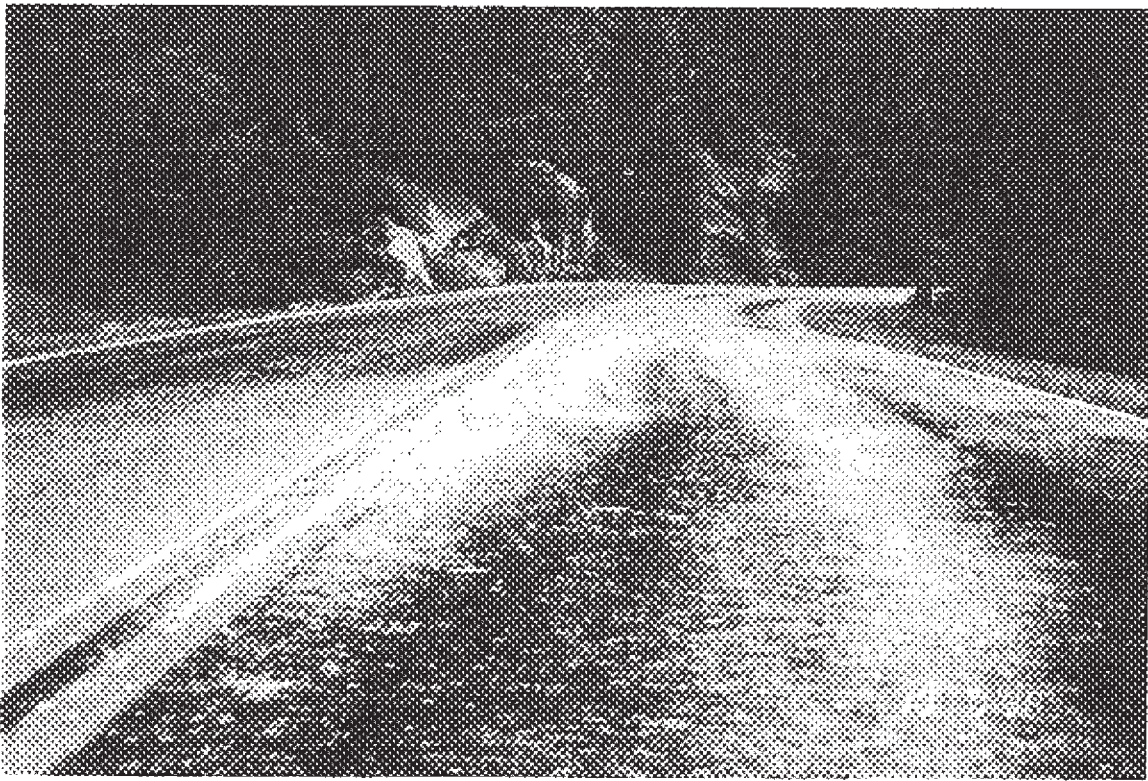


Photo R3-11 - MP 5.60 - Typical pavement section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 011
DATE: 12/98

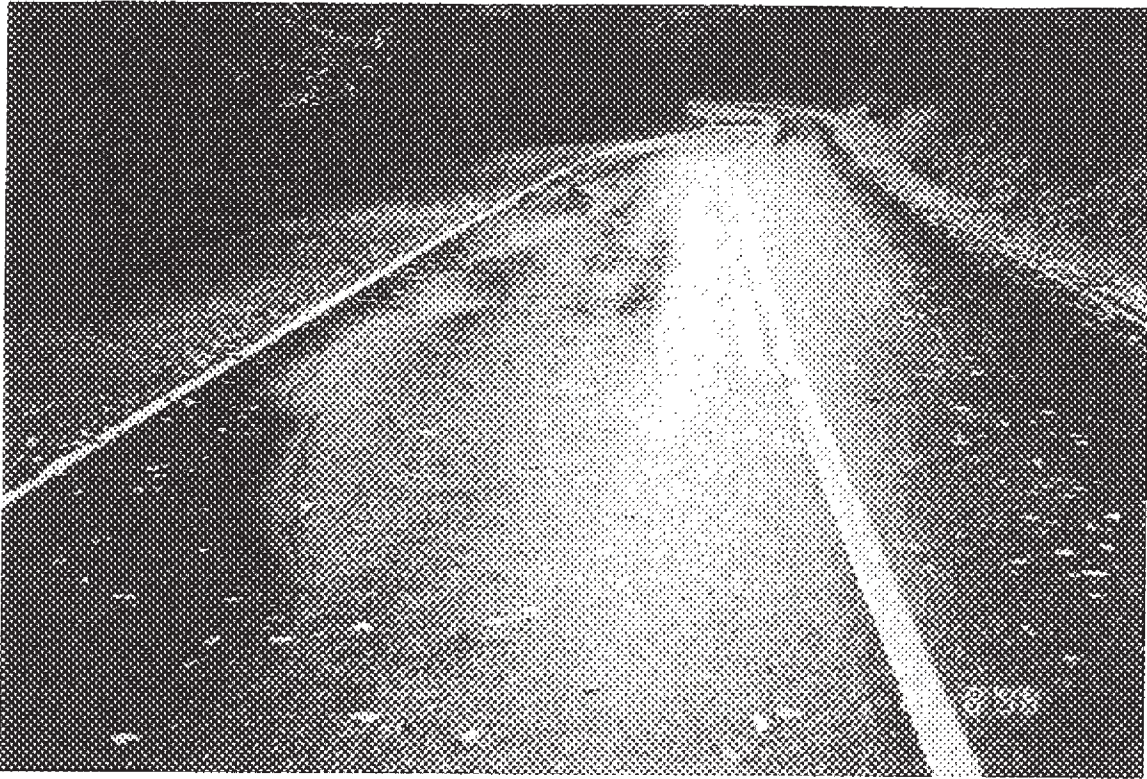


Photo R3-12 - MP 6.00 - Subgrade failure, local cracking

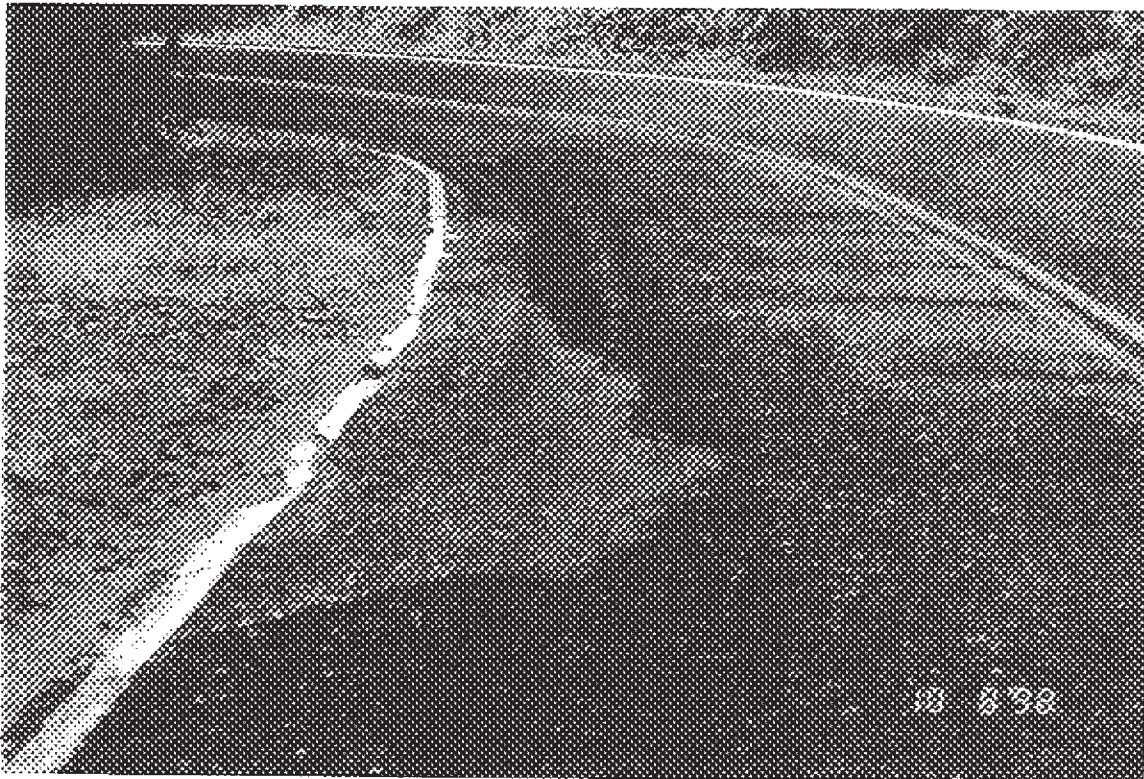


Photo R3-13 - MP 7.00 - Subgrade failure, local cracking

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 011
DATE: 12/98



Photo R3-14 - MP 7.30 - Start new pavement

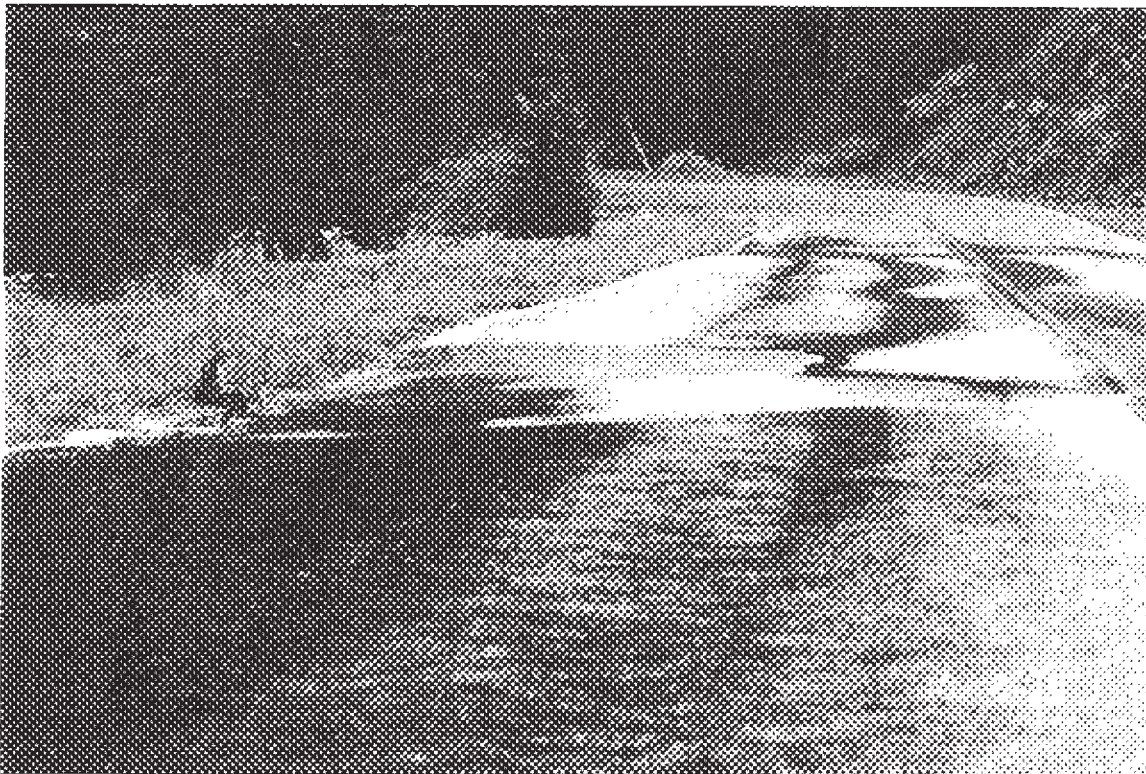


Photo R3-15 - MP 8.20 - Local Failure

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 011

DATE: 12/98

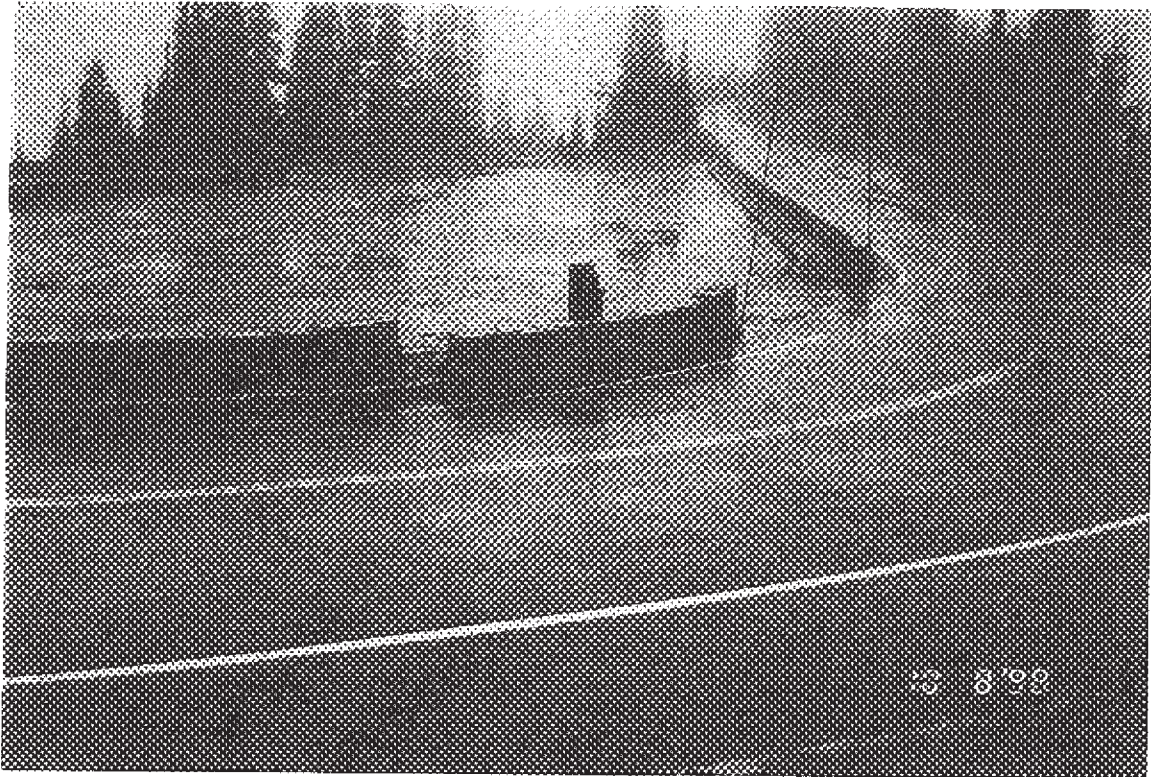


Photo R3-16 - MP 12.80 Hairpin turn area, good pavement

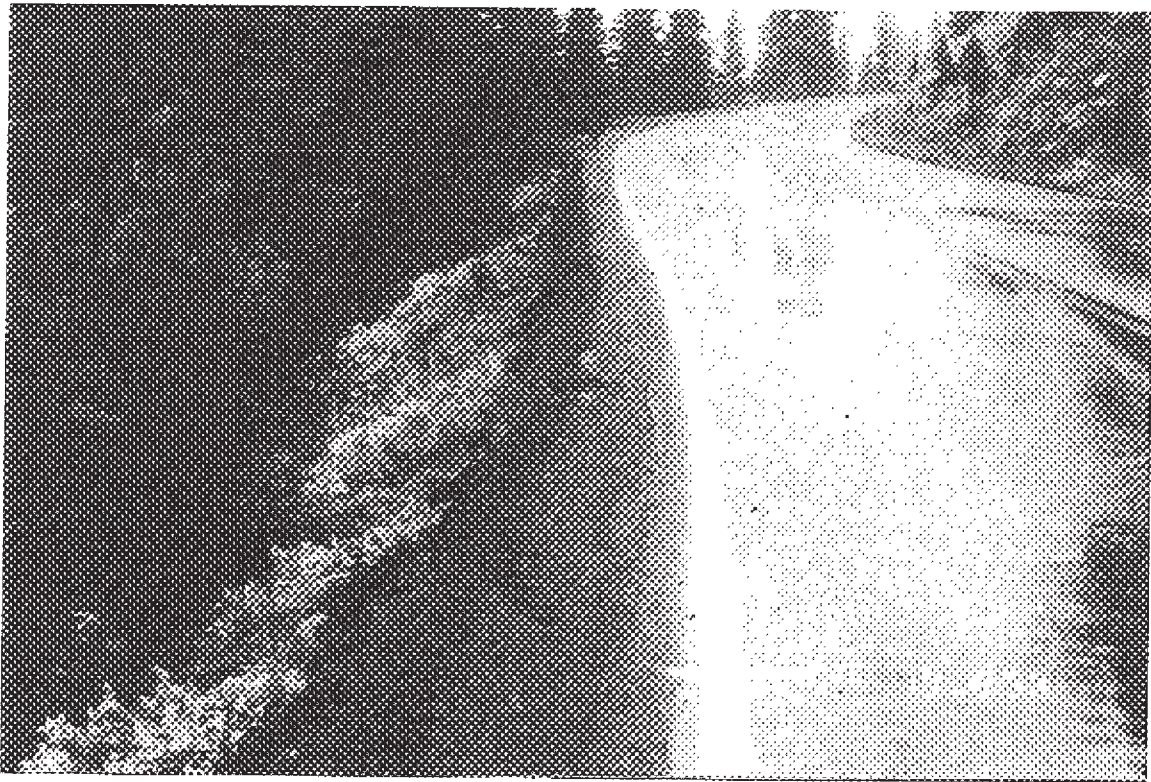


Photo R3-17 - MP 13.10 - Unique triangular curb

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 012

DATE: 12/98



Photo R2-21 - MP 0.10 - Typical poor pavement



Photo R2-22 - MP 1.30 - New pavement, old rock wall

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 012
DATE: 12/98

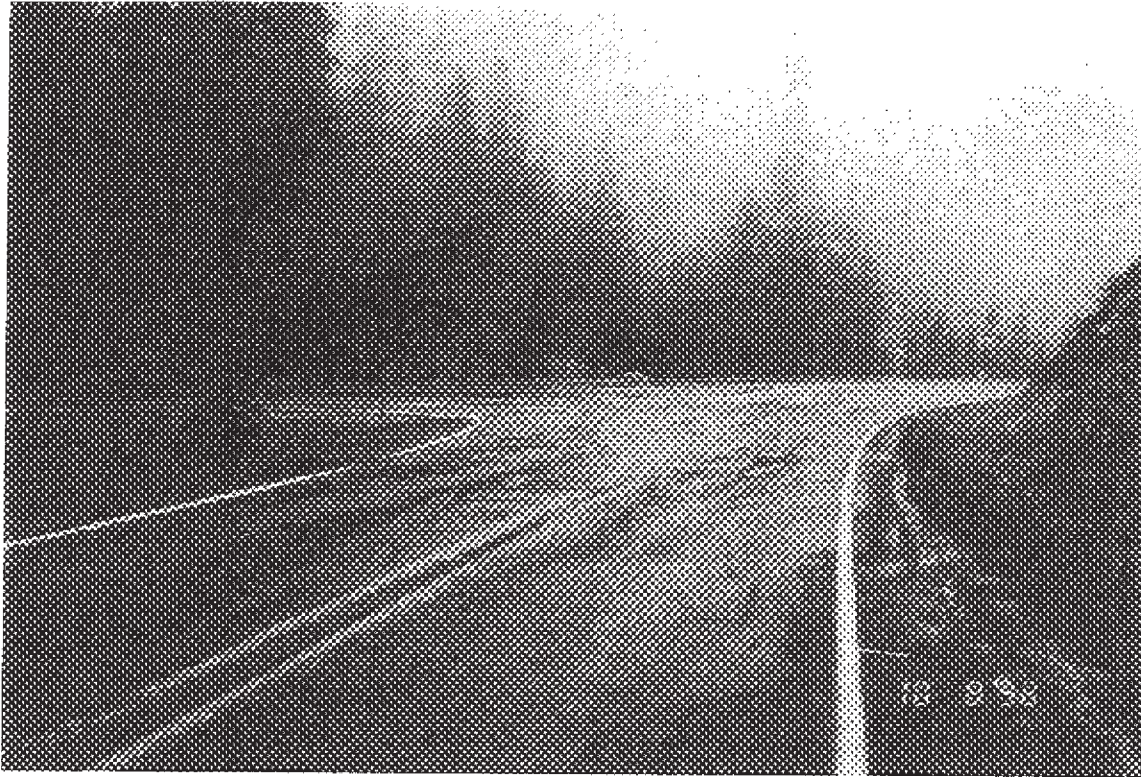


Photo R2-23 - MP 3.40 - Intersection Rte 010

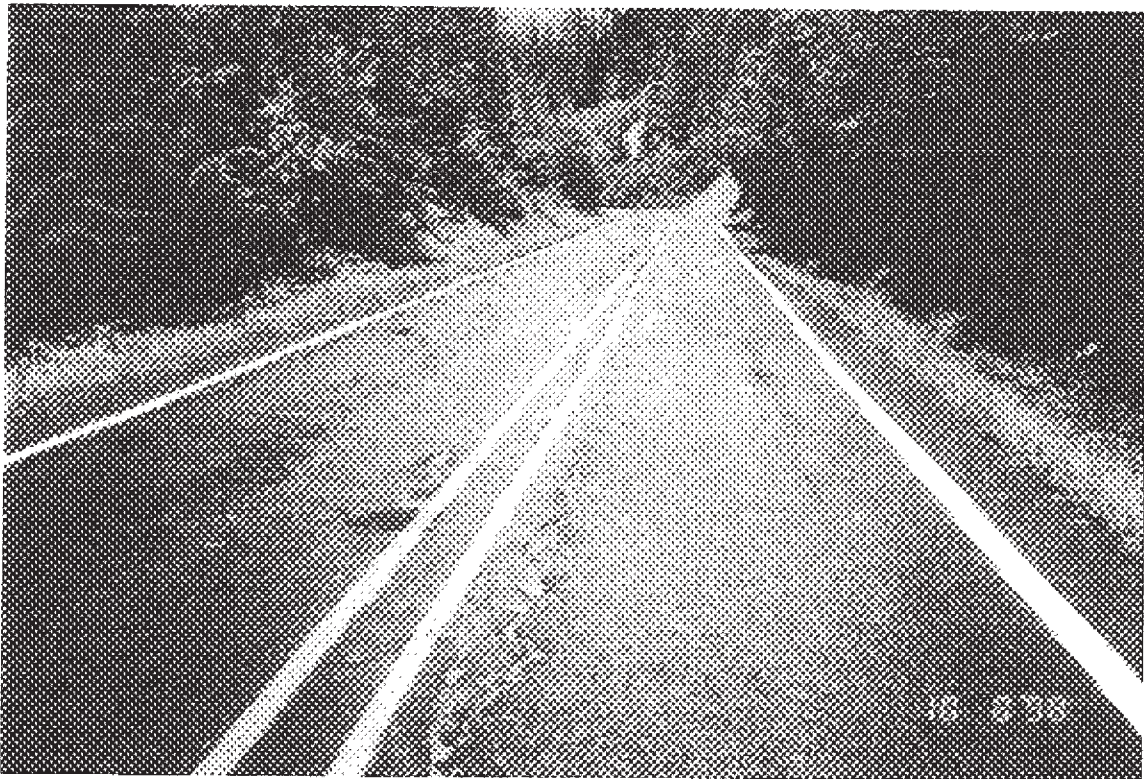


Photo R2-24 - MP 4.40 - Typical pavement section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 012

DATE: 12/98

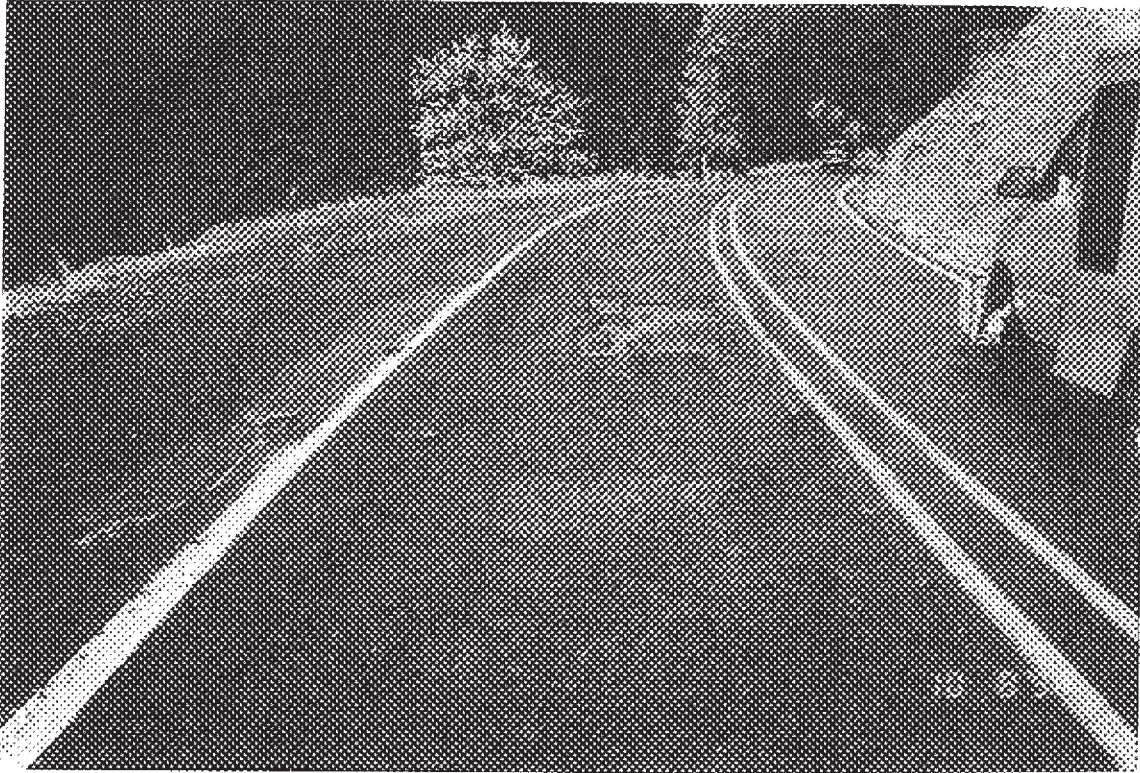


Photo R2-25 - MP 4.80 - Pavement distress local

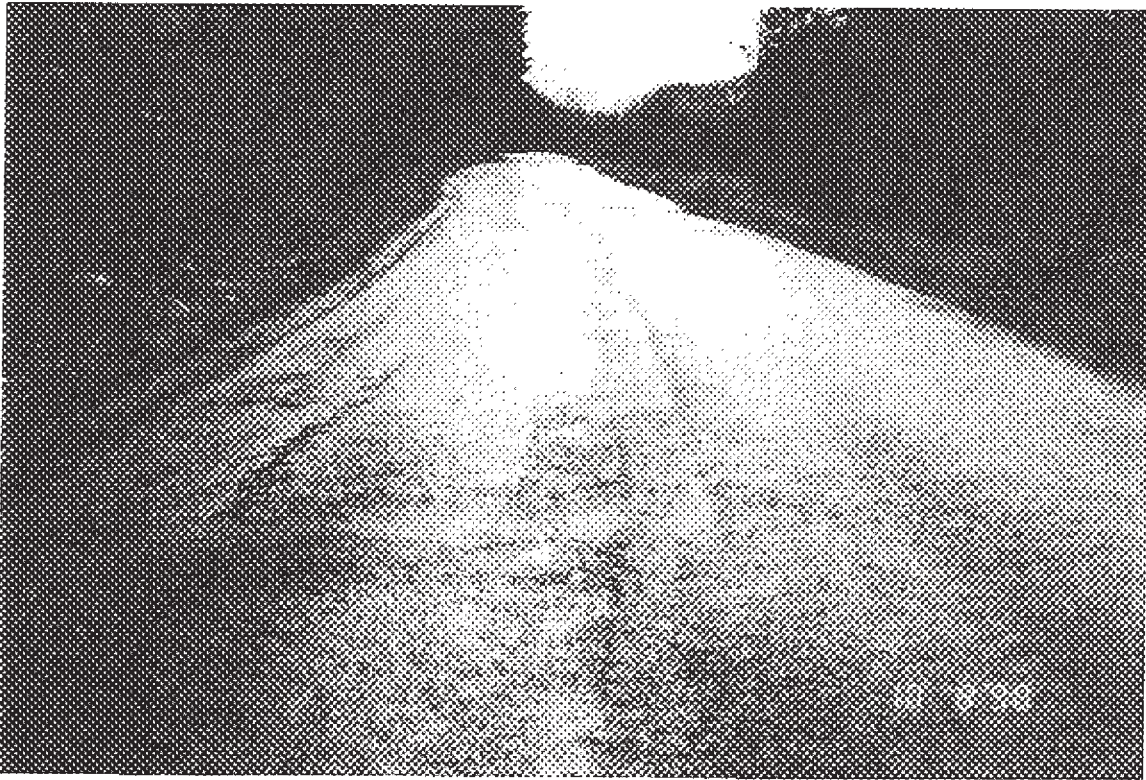


Photo R3-01 - MP 4.90 - Bad section looking back

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 012

DATE: 12/98

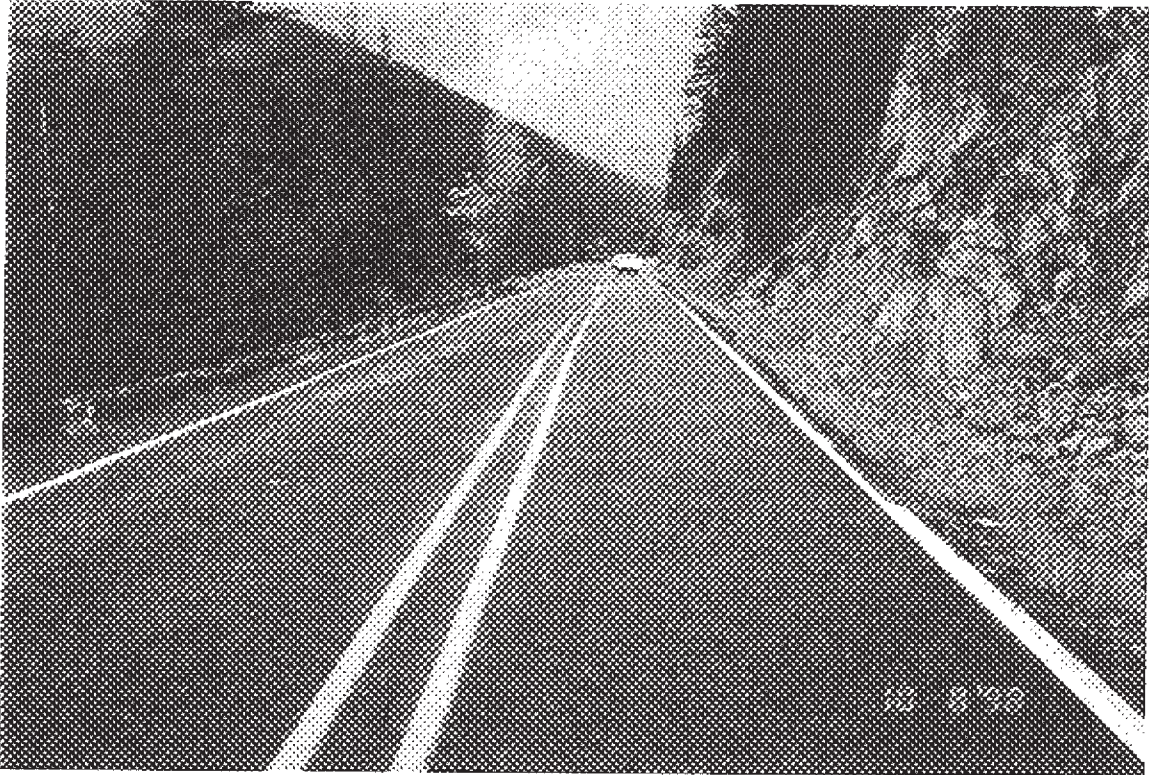


Photo R3-02 - MP 5.60 - Typical pavement section

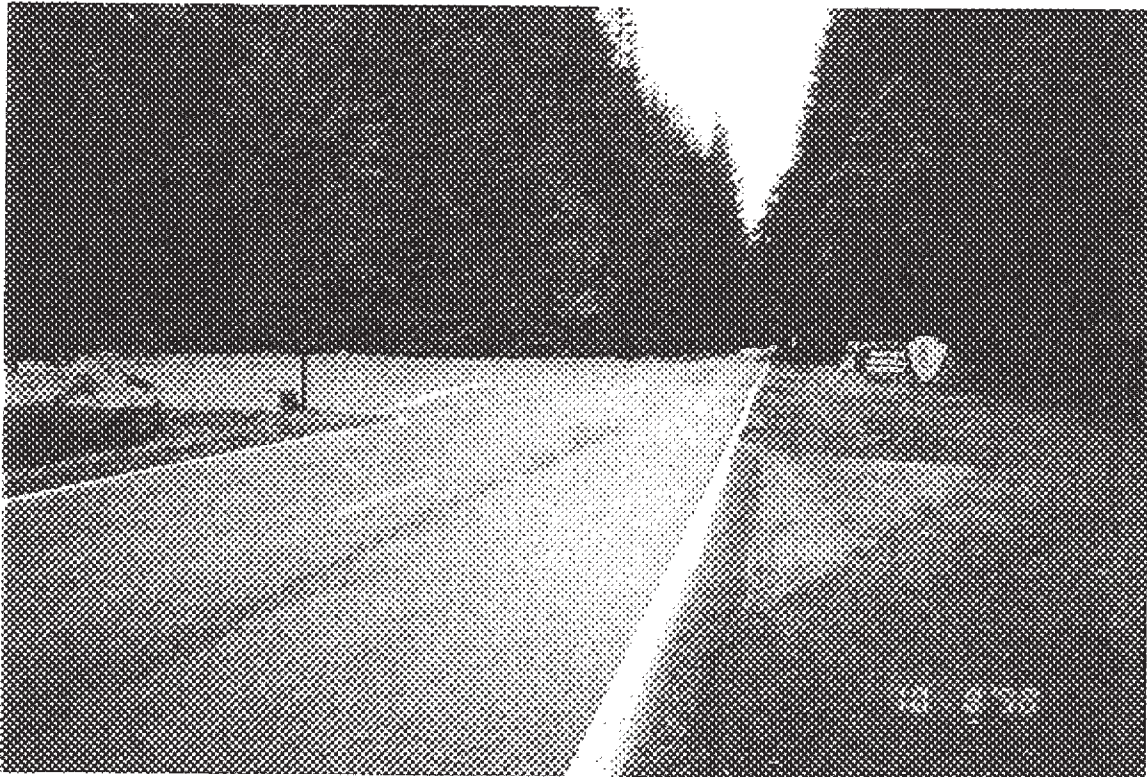


Photo R3-03 - MP 8.00 - Entrance to Rte 011

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 012

DATE: 12/98

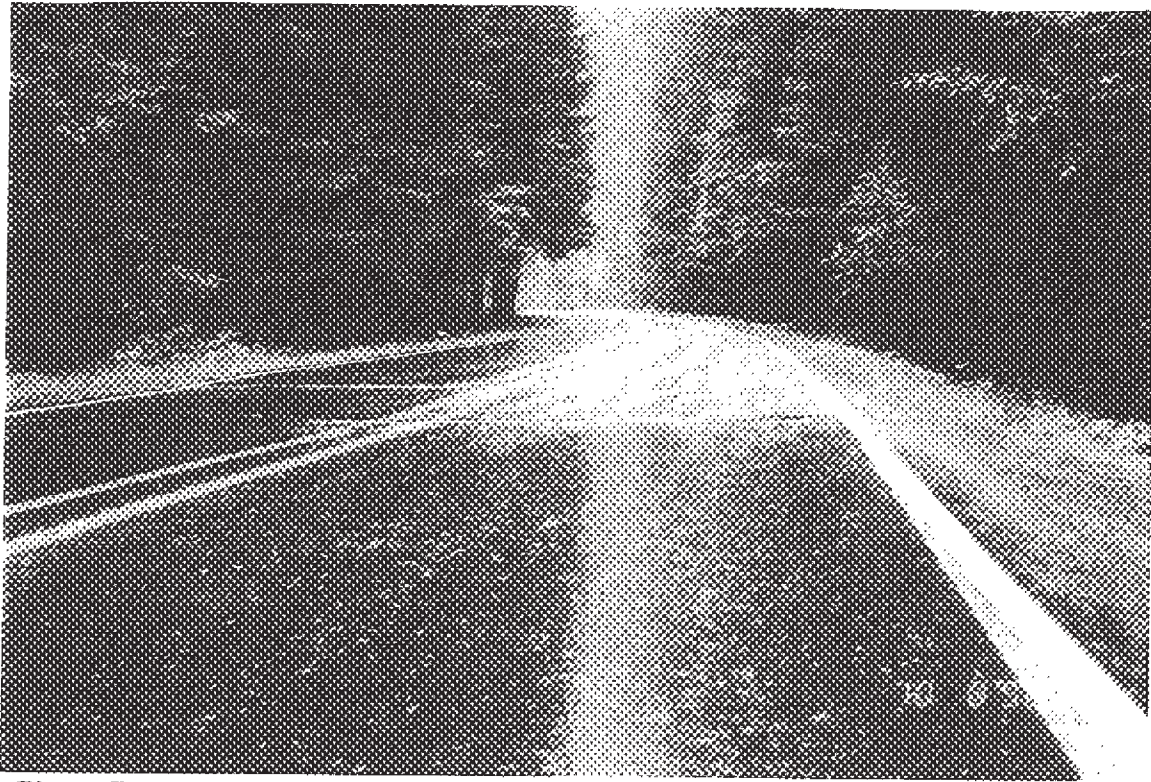


Photo R3-05 - MP 9.90 - Typical pavement section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 013
DATE: 12/98



Photo R1-14 - MP 0.30 - Pavement distress slumping

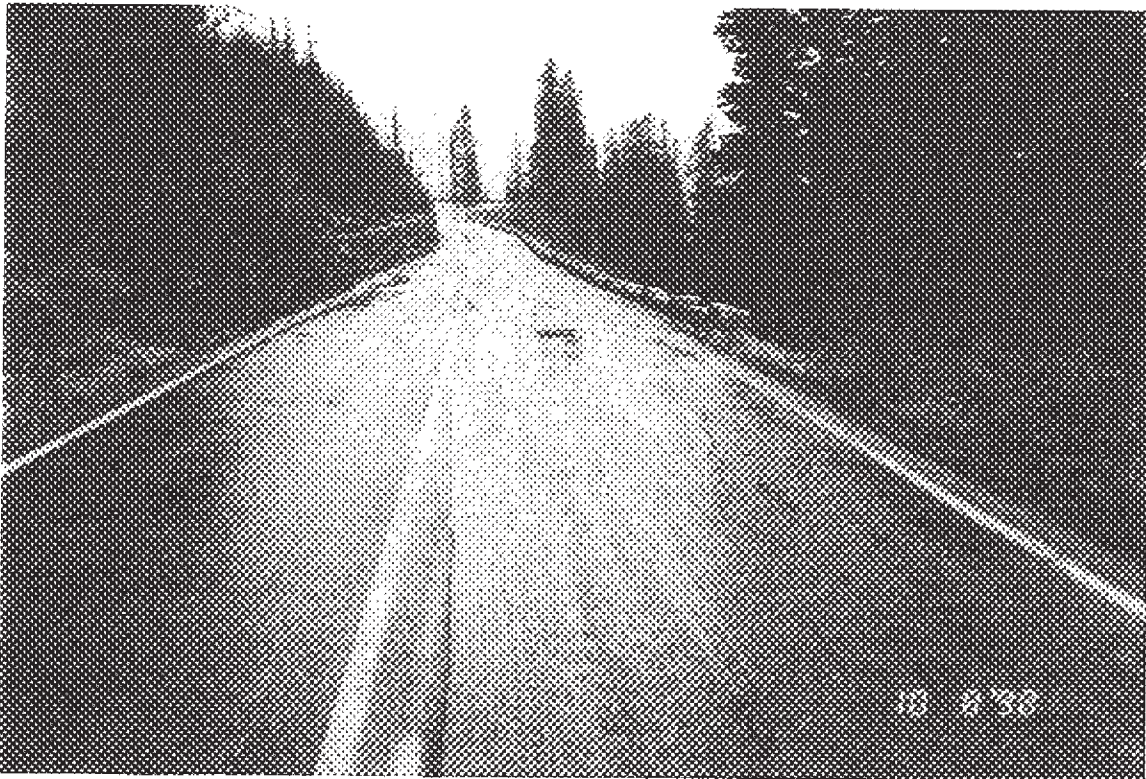


Photo R1-15 - MP 0.31 - Rock wall, typical pavement section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 013
DATE: 12/98

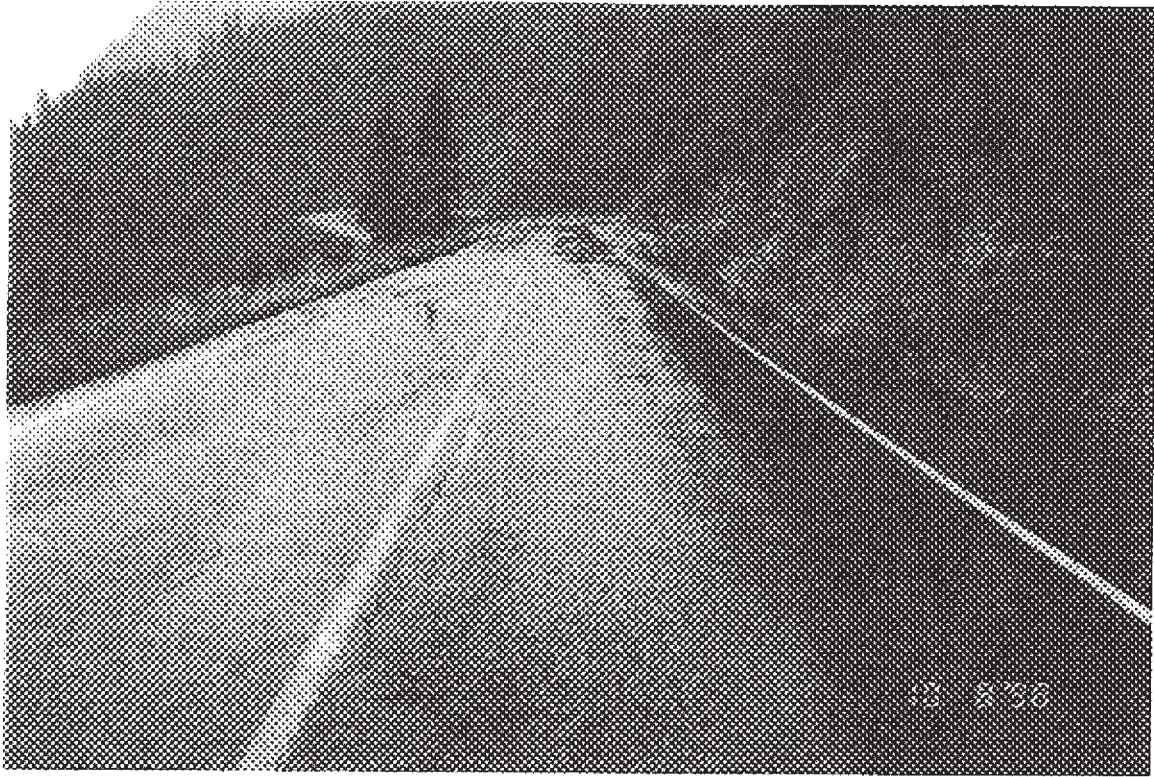


Photo R1-16 - MP 3.20 - Debris in pavement



Photo R1-17 - MP 5.10 - Load related cracks in pavement

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 013
DATE: 12/98

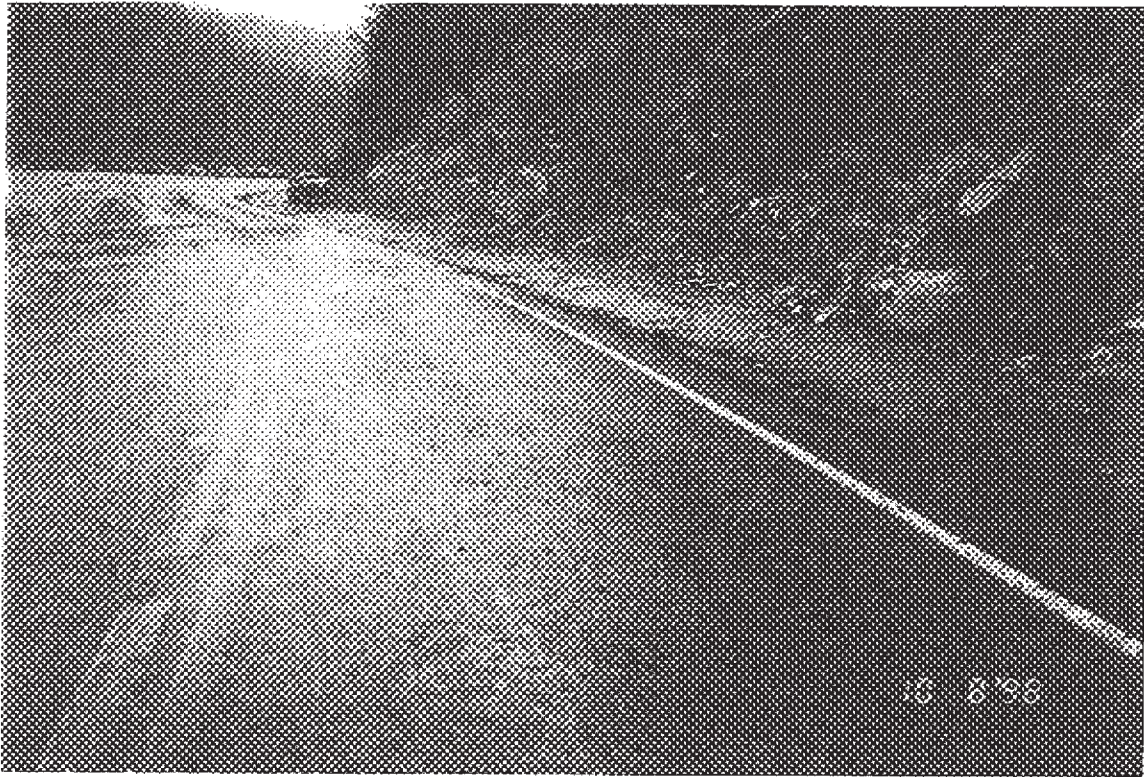


Photo R1-20 - MP 5.60 - Paved ditch, looking back

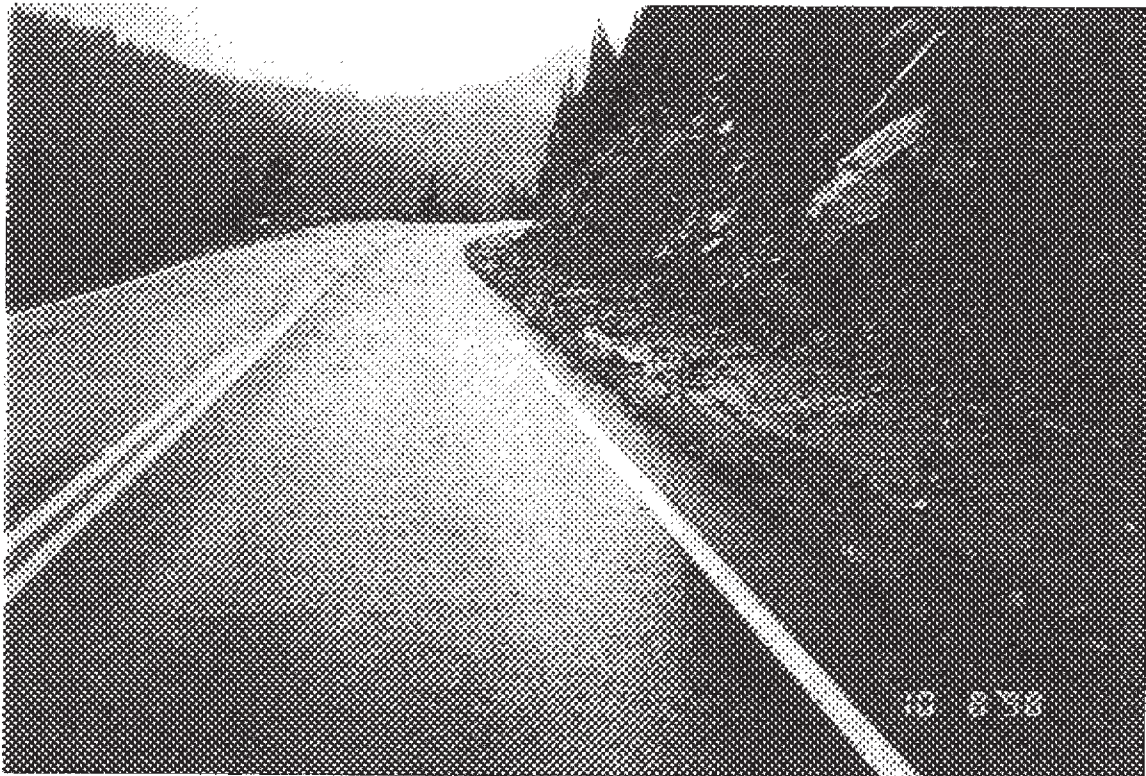


Photo R1-21 - MP 5.61 - Debris in pavement

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 013
DATE: 12/98

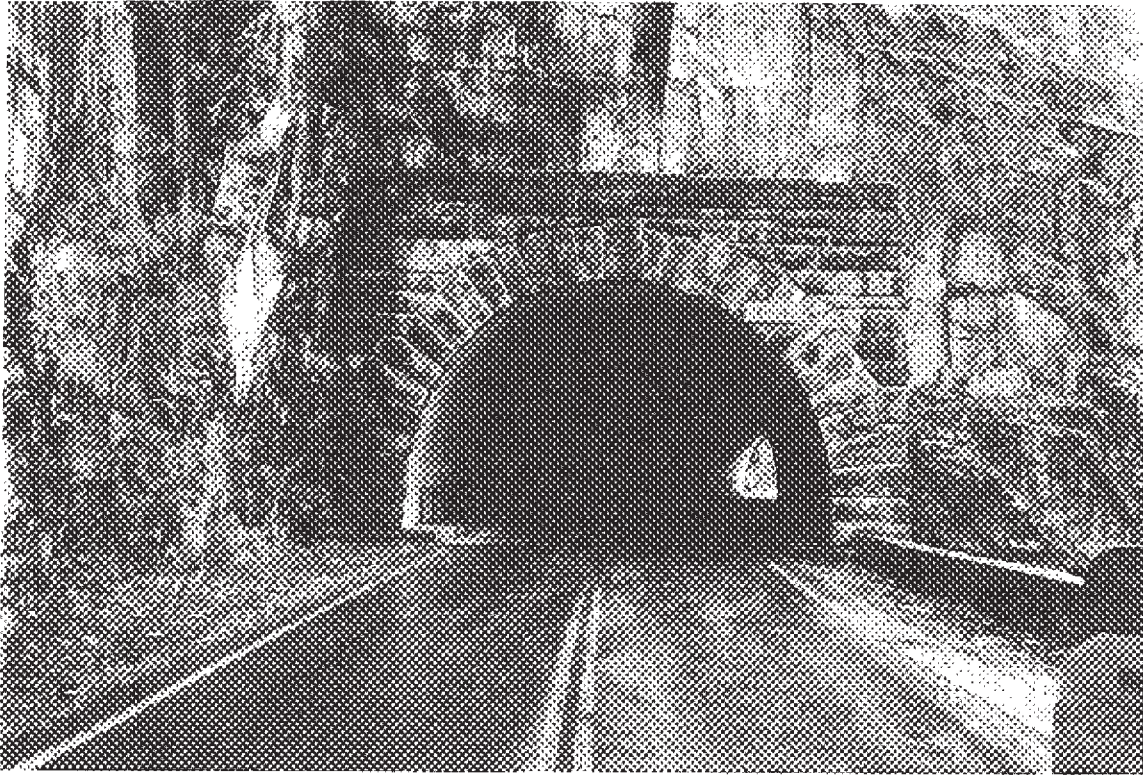


Photo R1-22 - MP 6.90 - Tunnel entrance

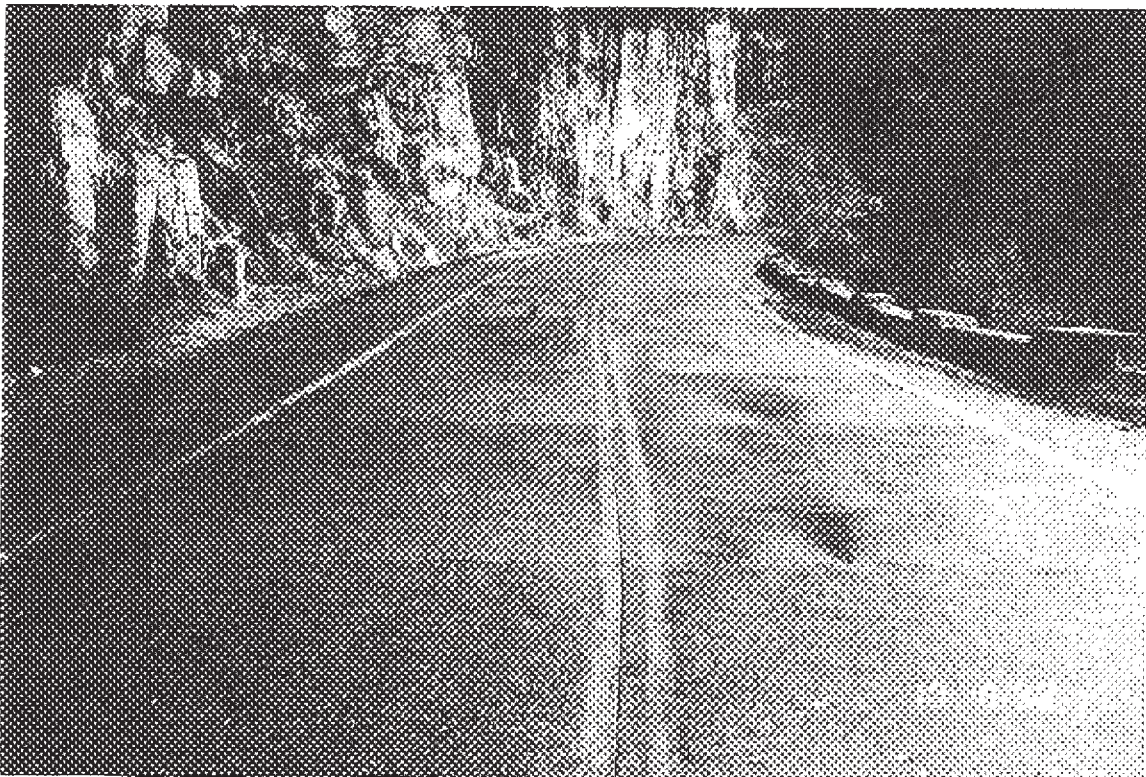


Photo R1-23 - MP 7.00 - Concrete point outside tunnel

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 013
DATE: 12/98

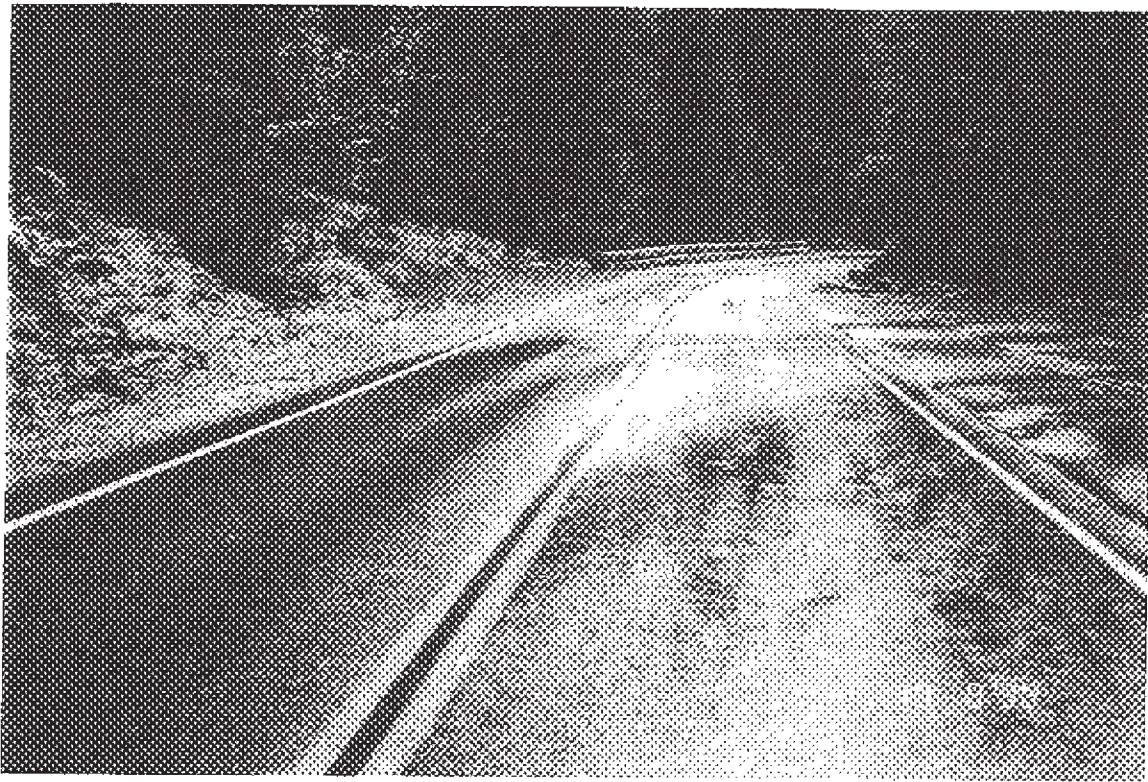


Photo R1-24 - MP 9.10 - Good point picture

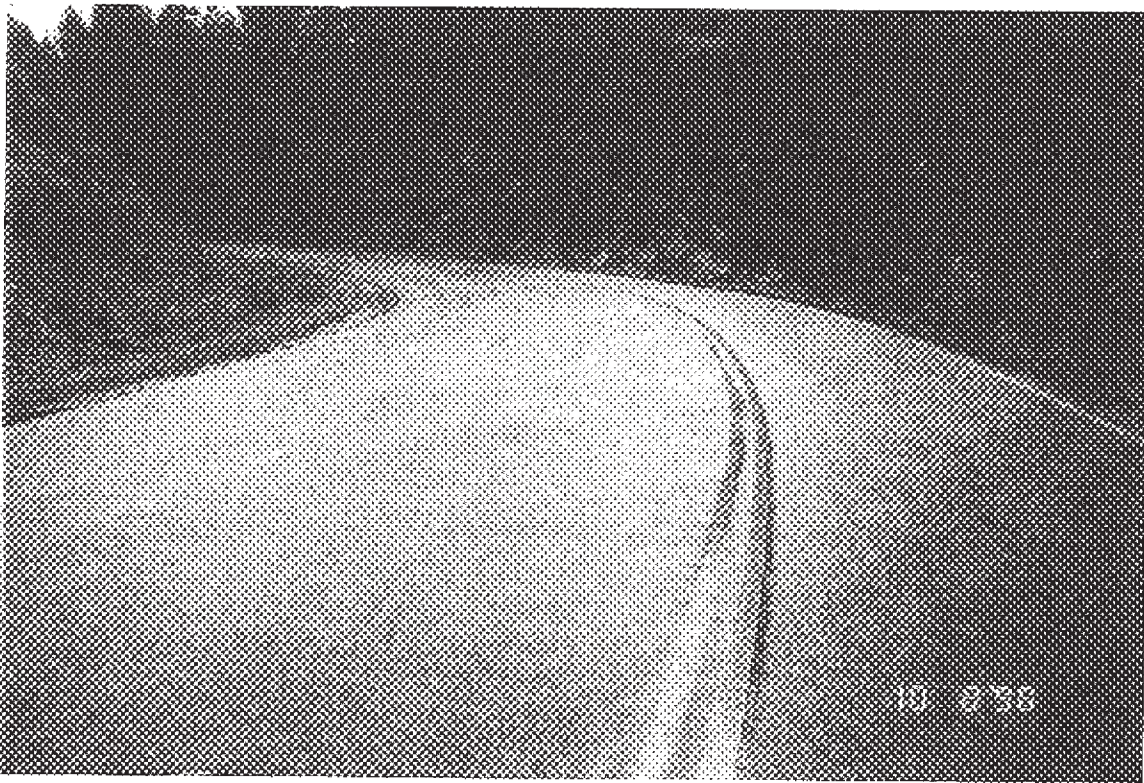


Photo R2-01 - MP 13.20 - Three lane point, good condition

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 013
DATE: 12/98

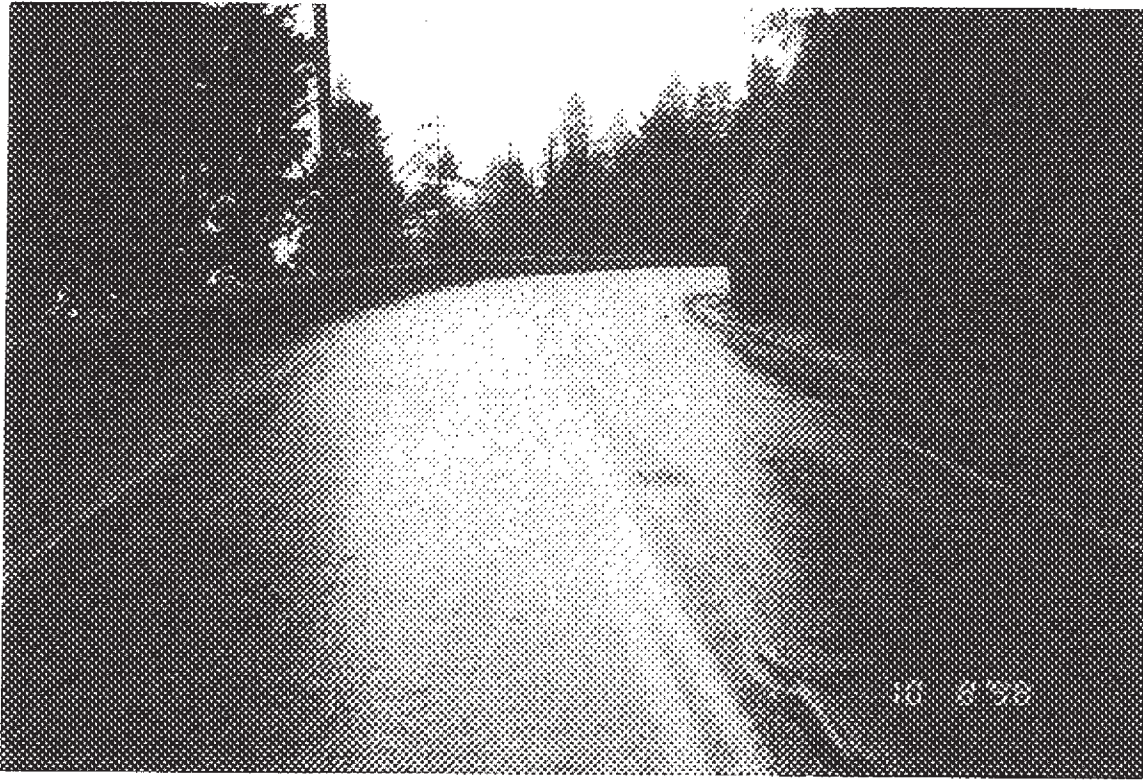


Photo R2-02 - MP 13.70 - Guardwall, paved ditch

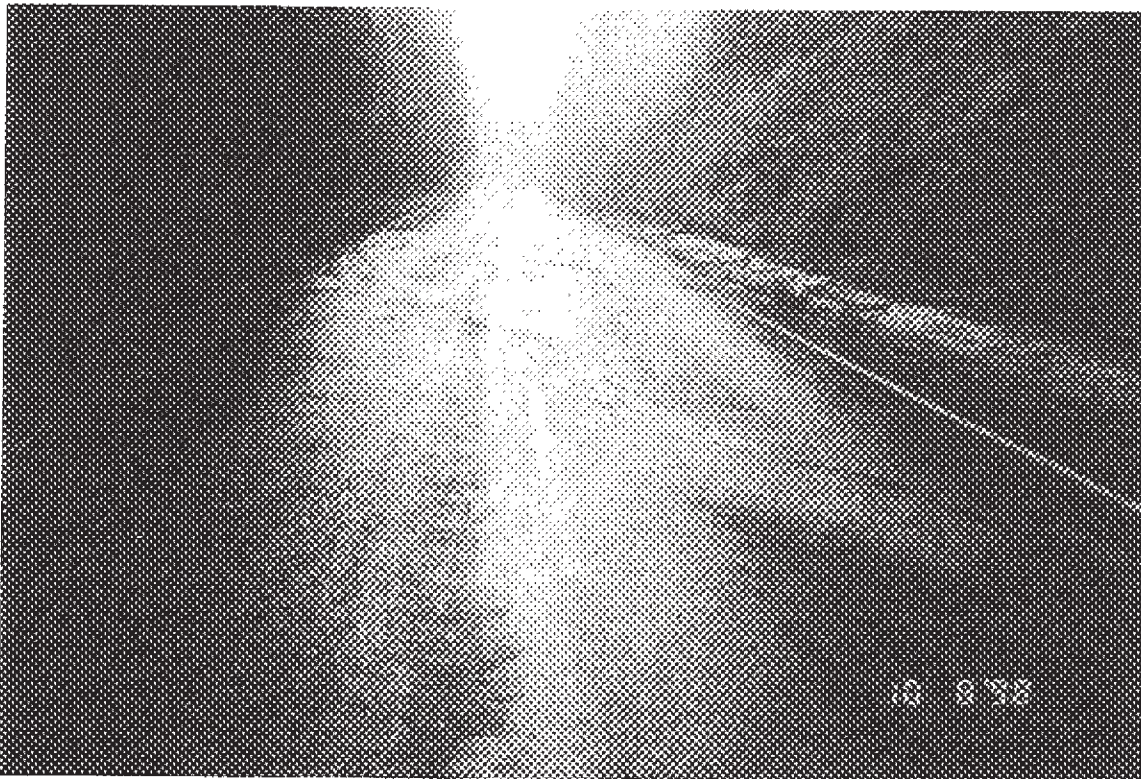


Photo R2-03 - MP 14.10 - Localized distress (subgrade) Debris in pavement

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 013

DATE: 12/98

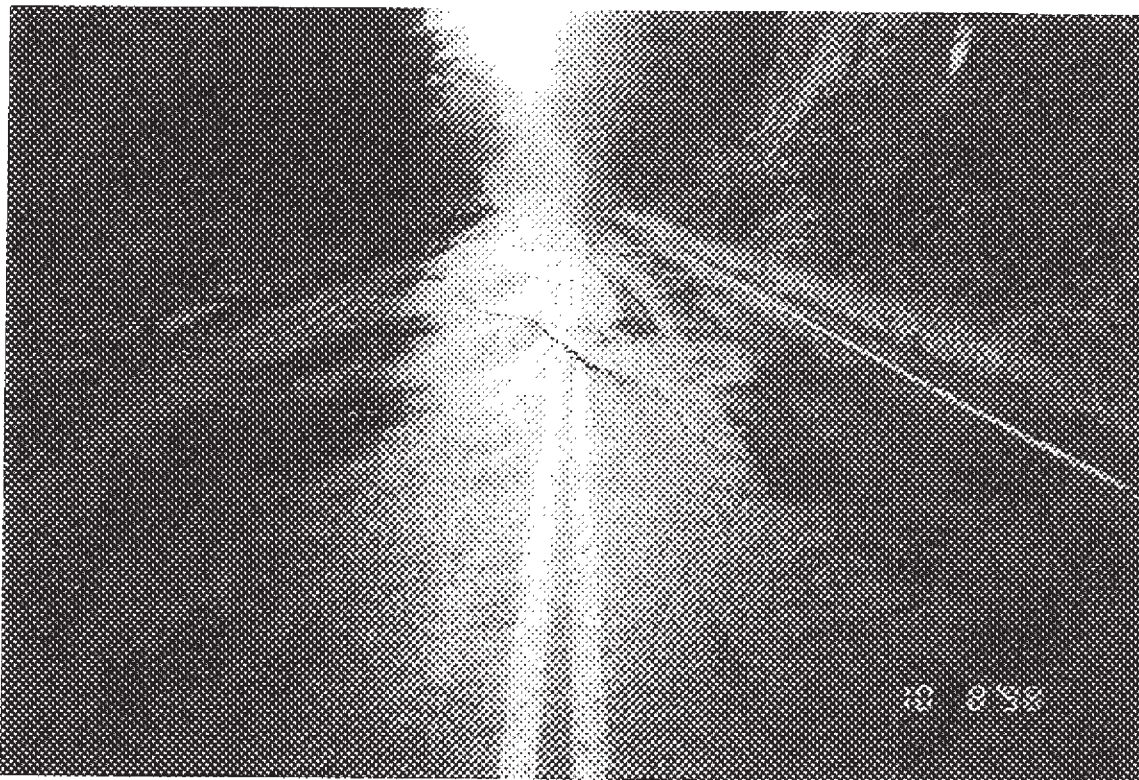


Photo R2-04 - MP 15.70 - Distress and blade patching

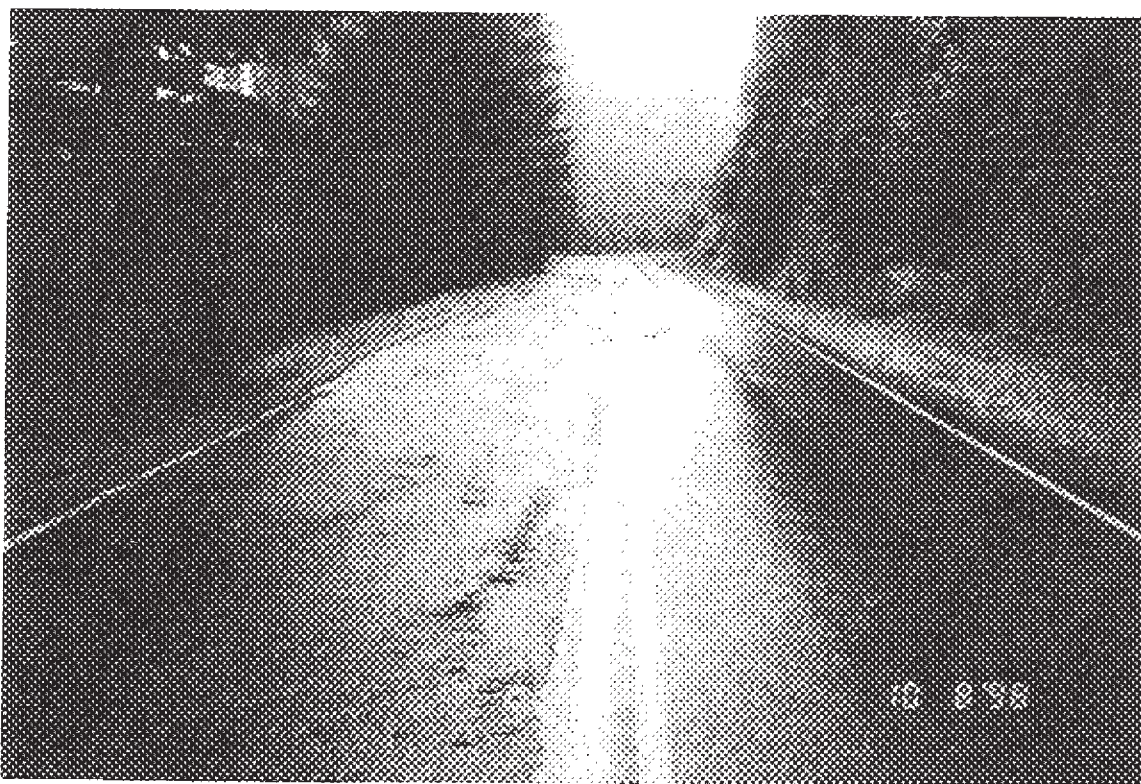


Photo R2-05 - MP 17.00 - Subgrade failure

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 013

DATE: 12/98



Photo R2-06 - MP 18.40 Decade patch and mill

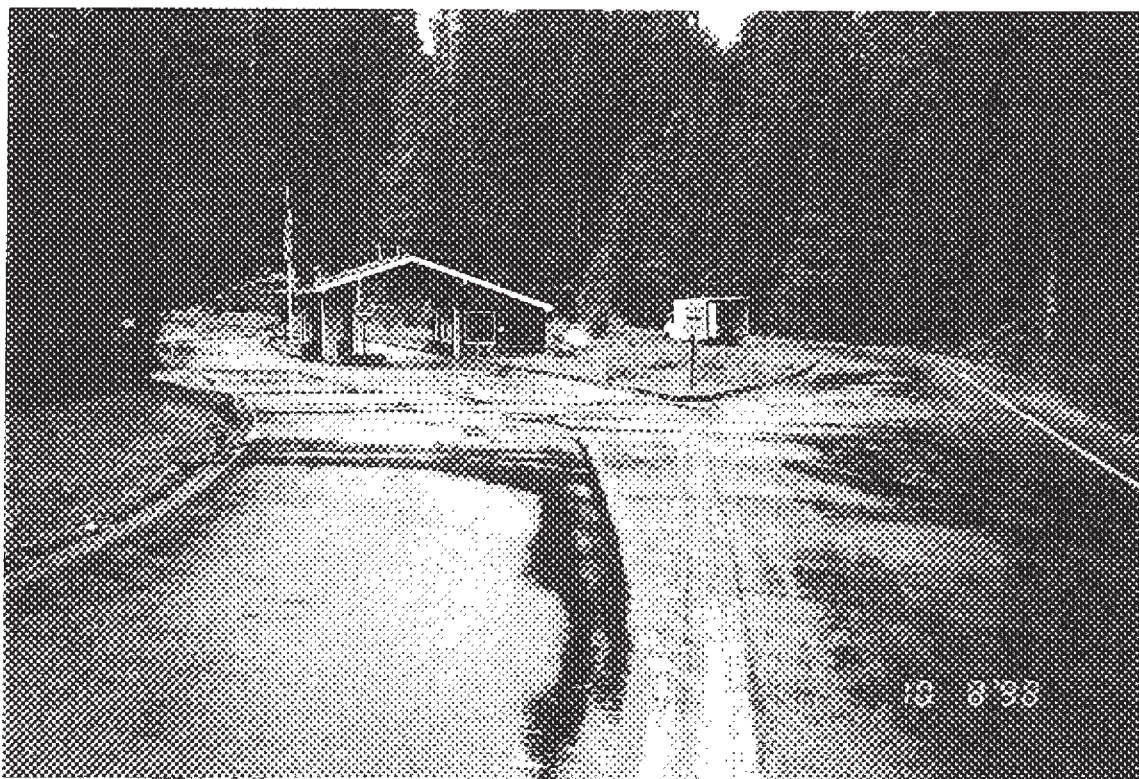


Photo R2-07 - MP 18.90 - Contact station : East side

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 014
DATE: 12/98

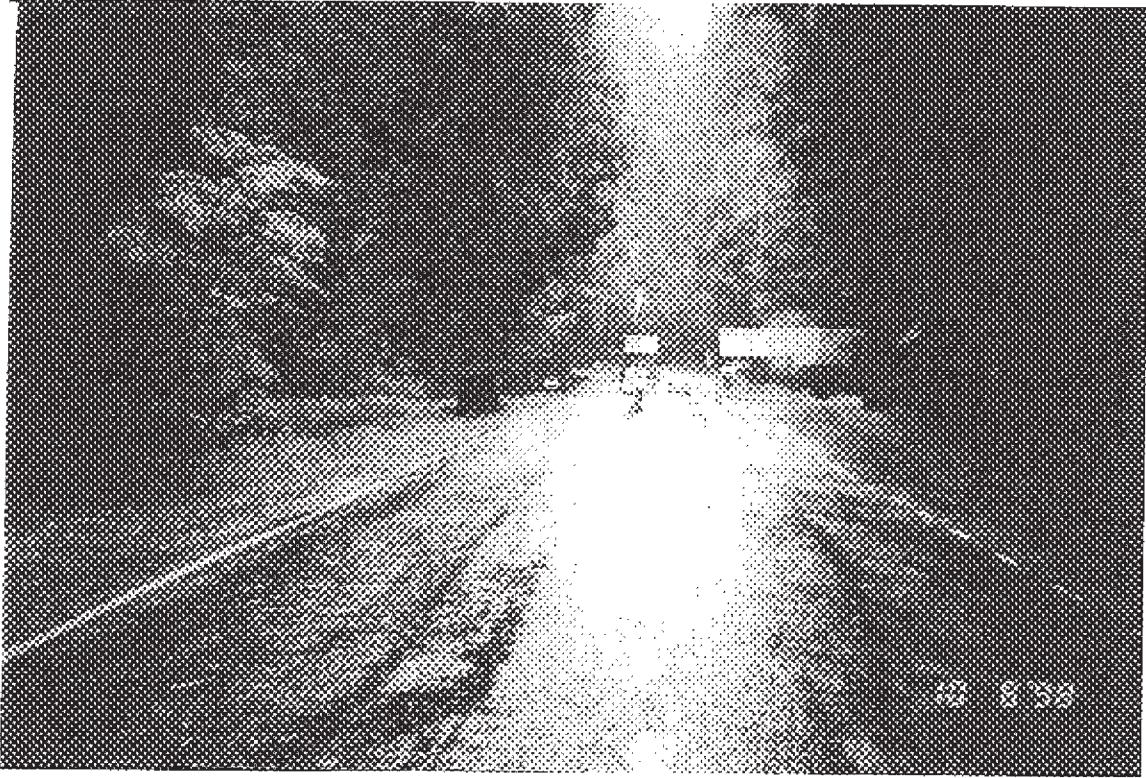


Photo R1-01 - MP 0.00 - Beginning of Route at west end contact station

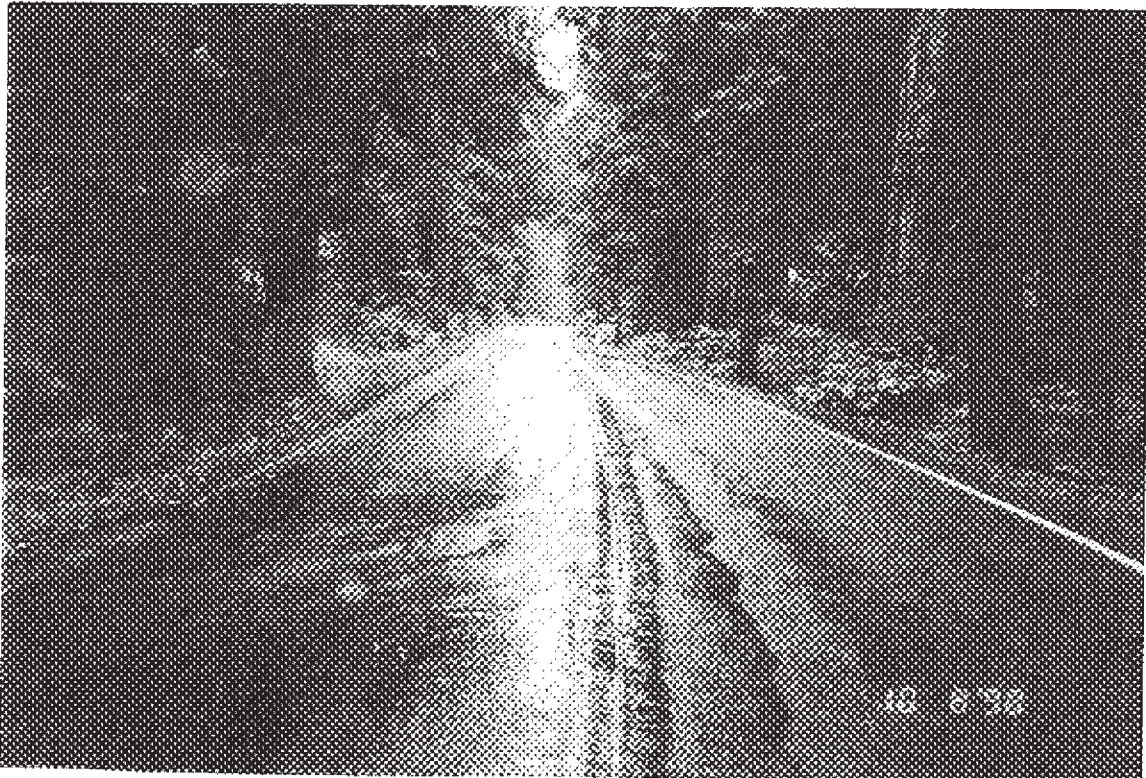


Photo R1-02 - MP 1.20 - Poor chip seal

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 014
DATE: 12/98

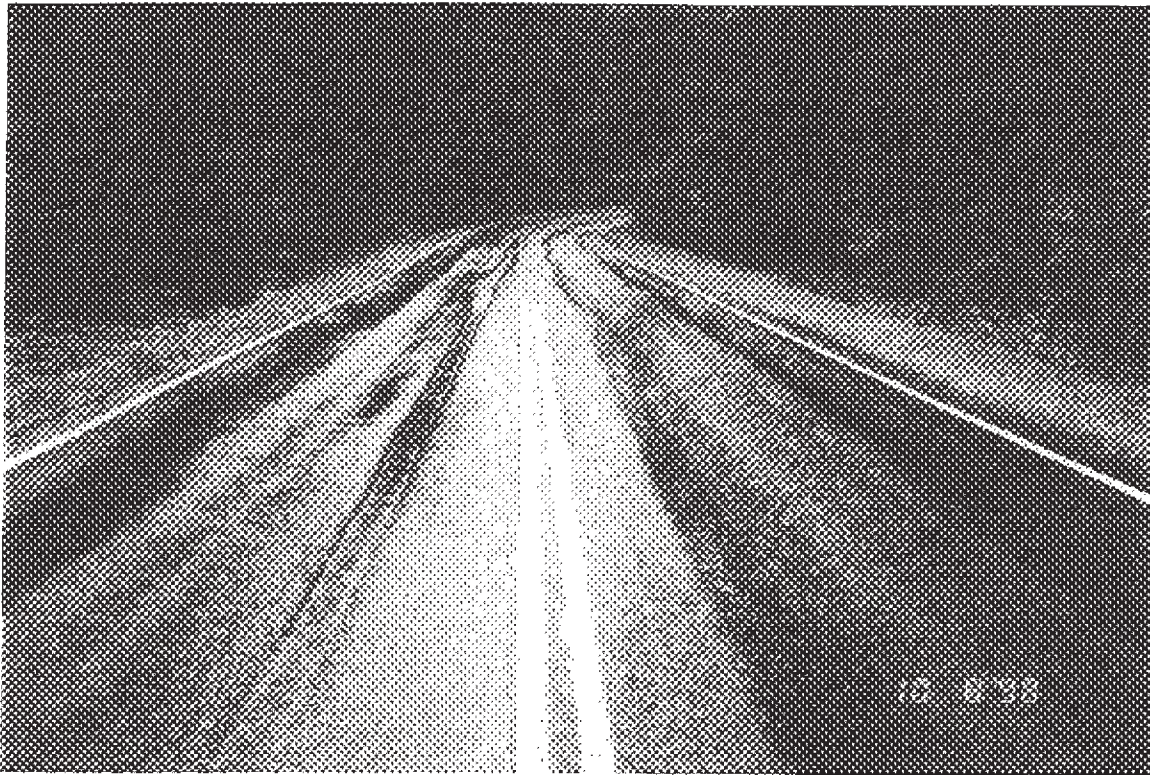


Photo R1-03 - MP 3.20 - Poor chip seal looking back



Photo R1-04 - MP 4.00 - New overlay

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 014
DATE: 12/98

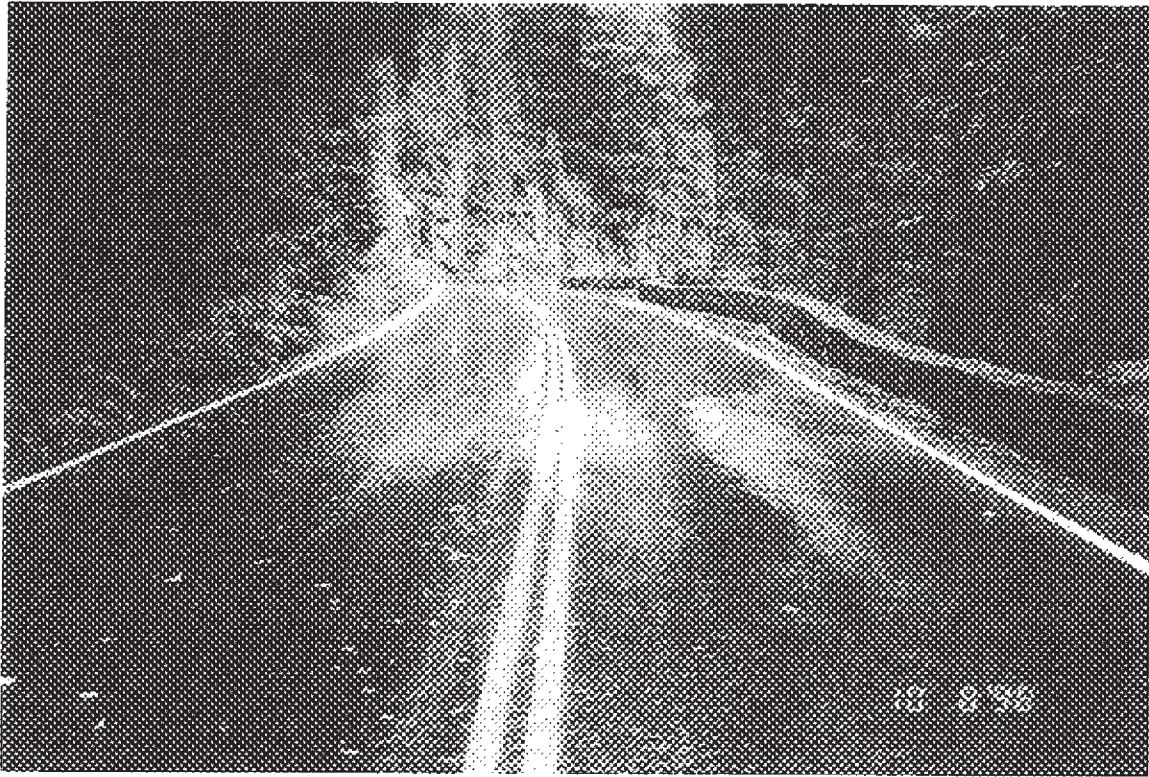


Photo R1-07 - MP 10.60 - Historic rock wall

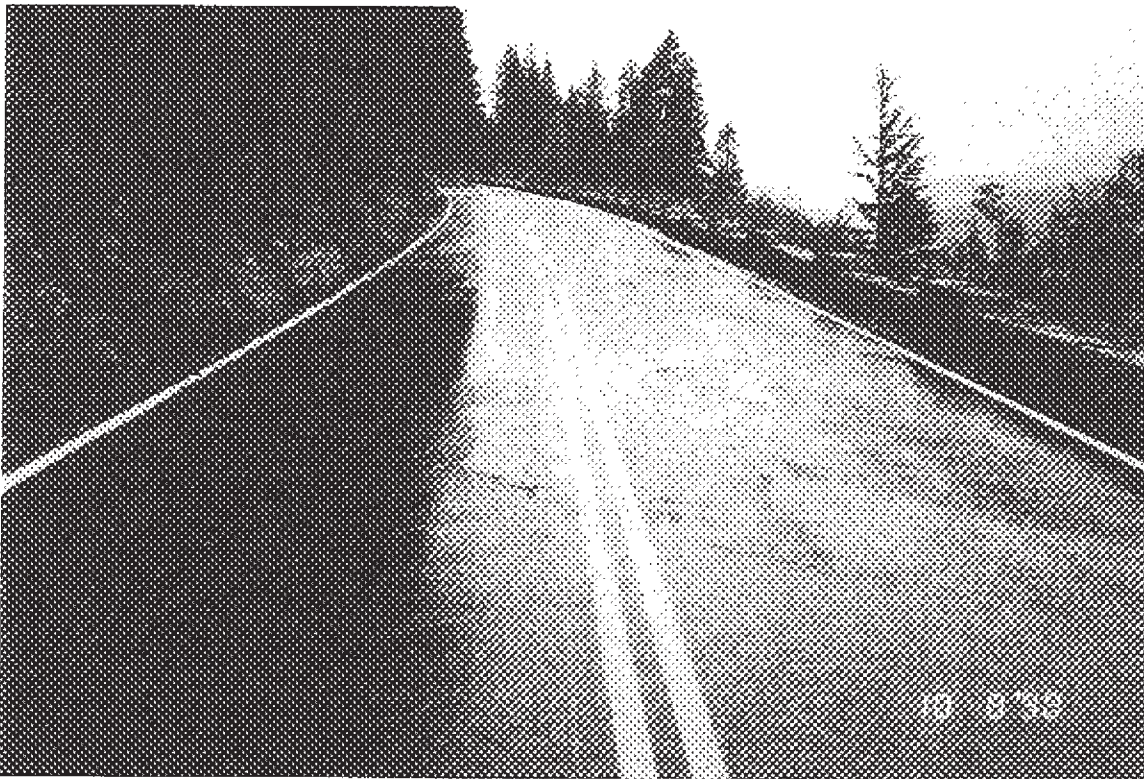


Photo R1-08 - MP 12.40 - Rock wall, typical pavement section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 014
DATE: 12/98

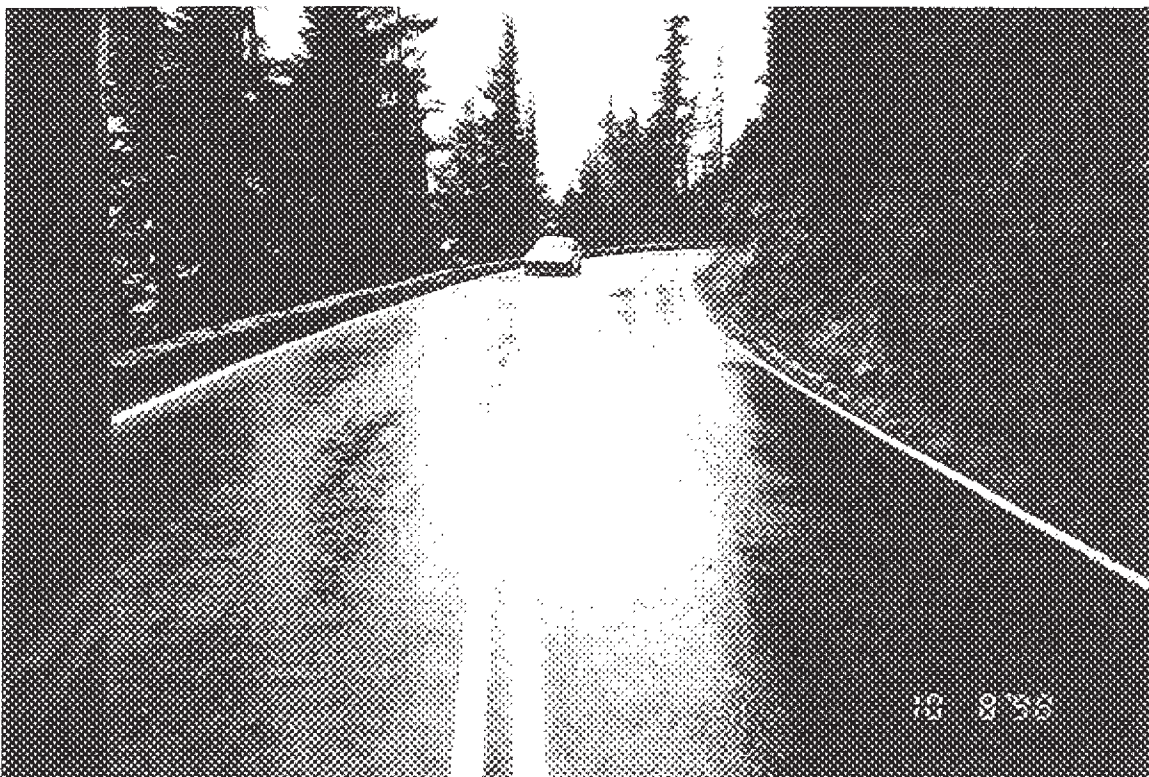


Photo R1-09 - MP 14.60 - Looking back, typical pavement section



Photo R1-10 - MP 15.50 - Mill section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 100
DATE: 12/98

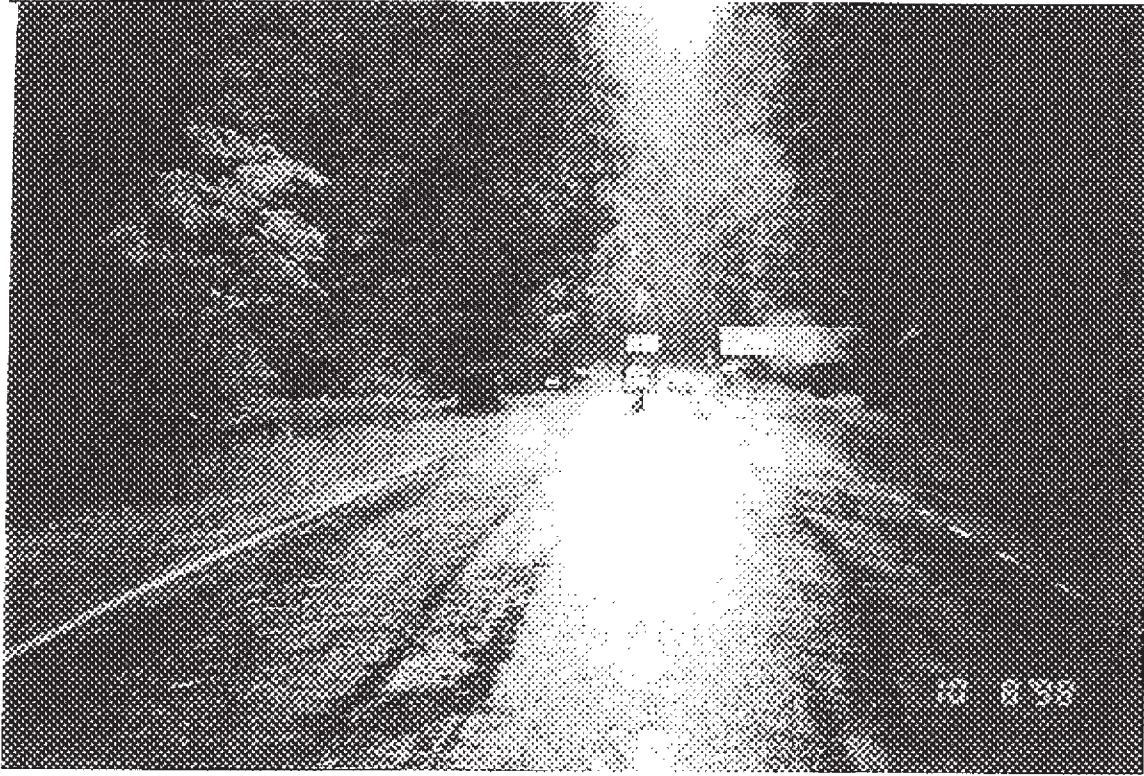


Photo R1-01 - MP 0.00 - West end contact station, beginning of route,
Intersection with route 014

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 200
DATE: 12/98

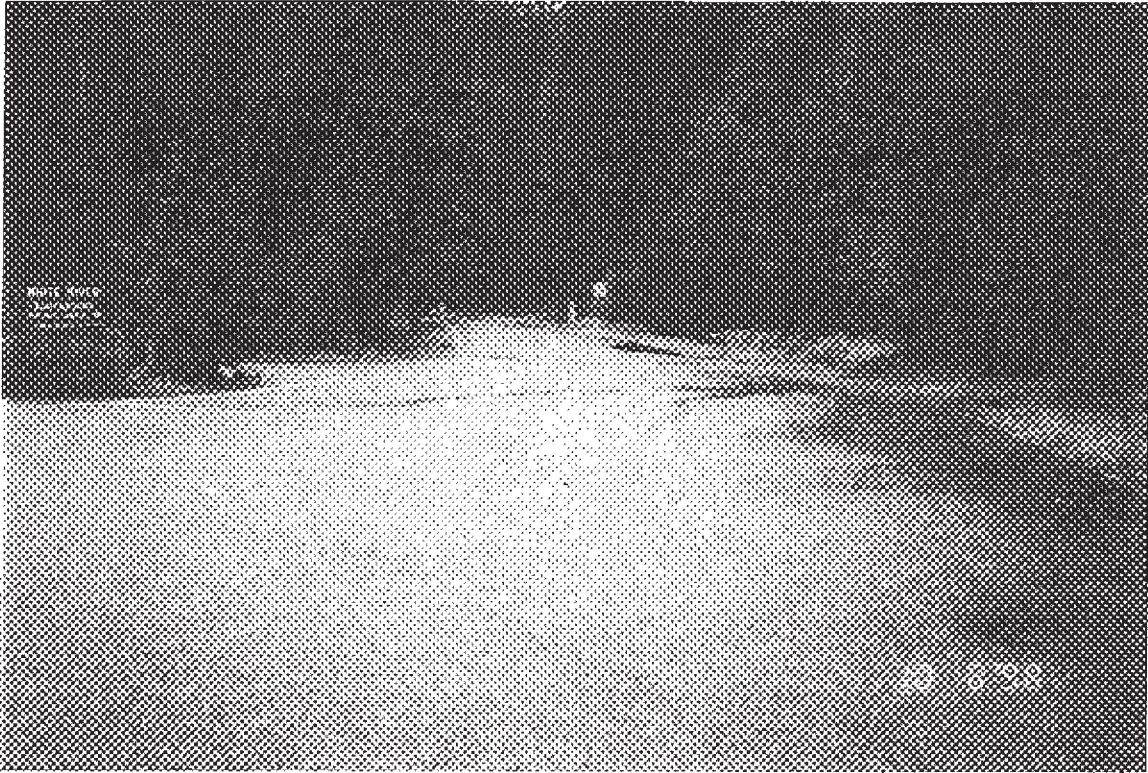


Photo R3-18 - MP 0.00 - Beginning at Rte 011

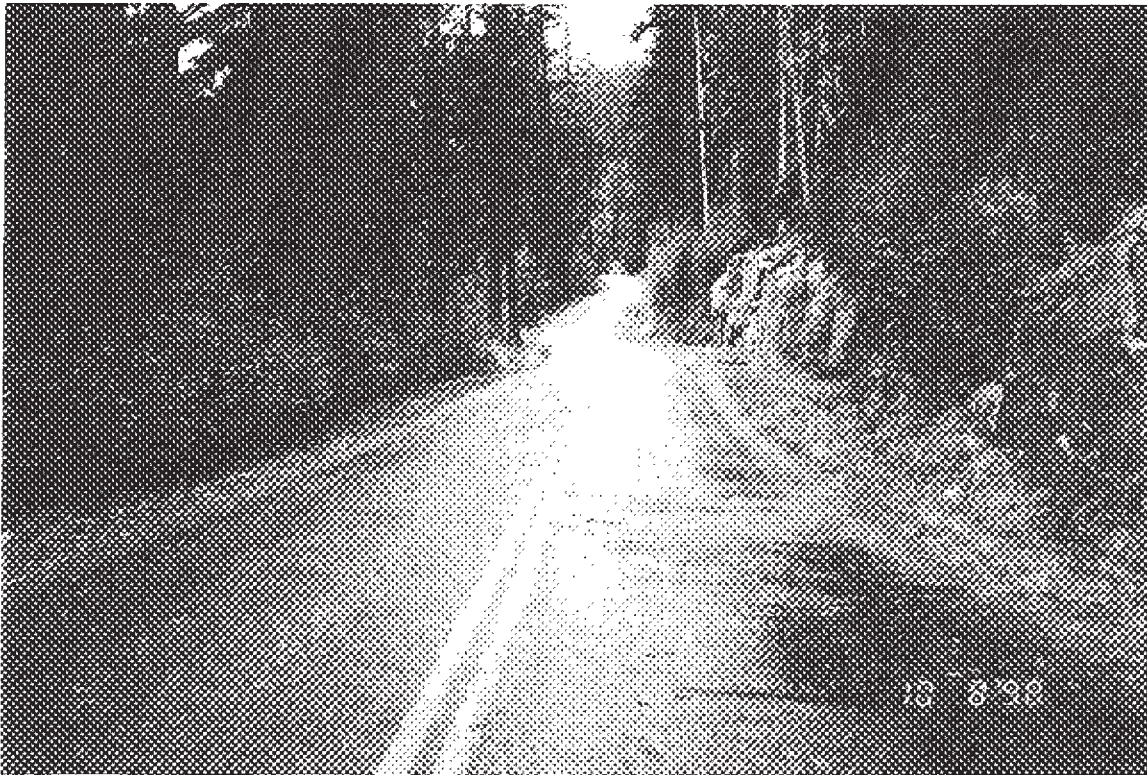


Photo R3-19 - MP 0.13 - Typical pavement section

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 202
DATE: 12/98

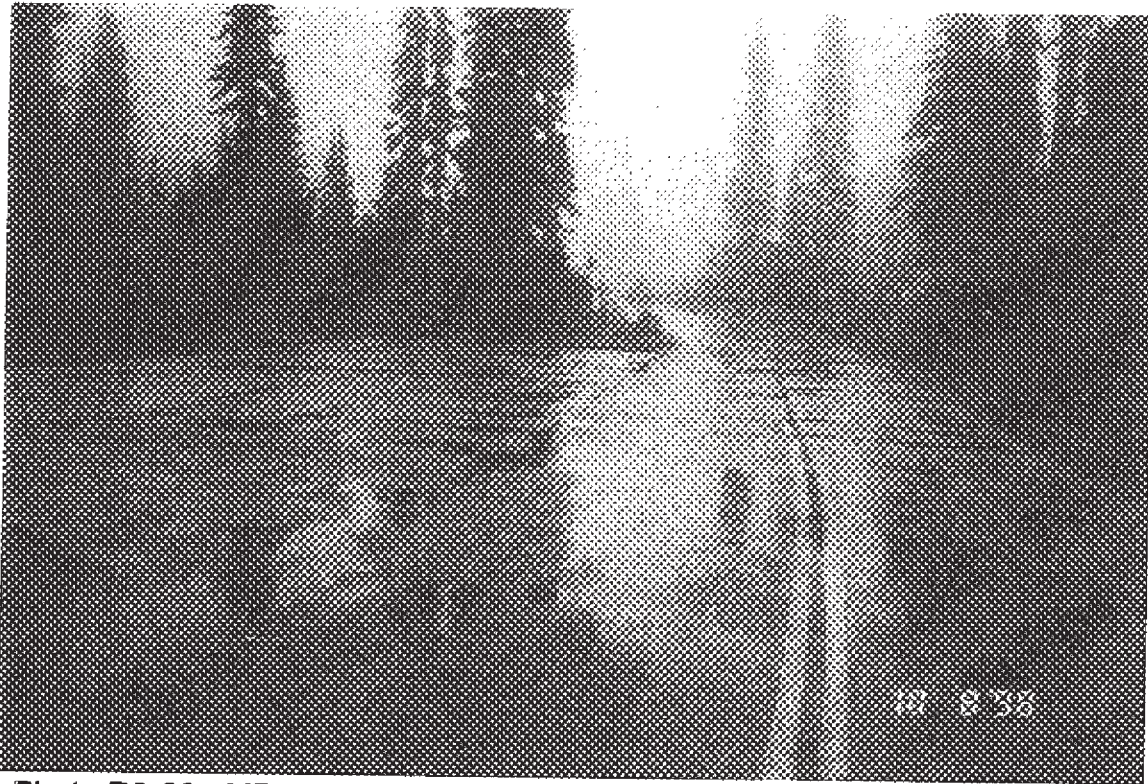


Photo R3-22 - MP 0.20 - Typical pavement section

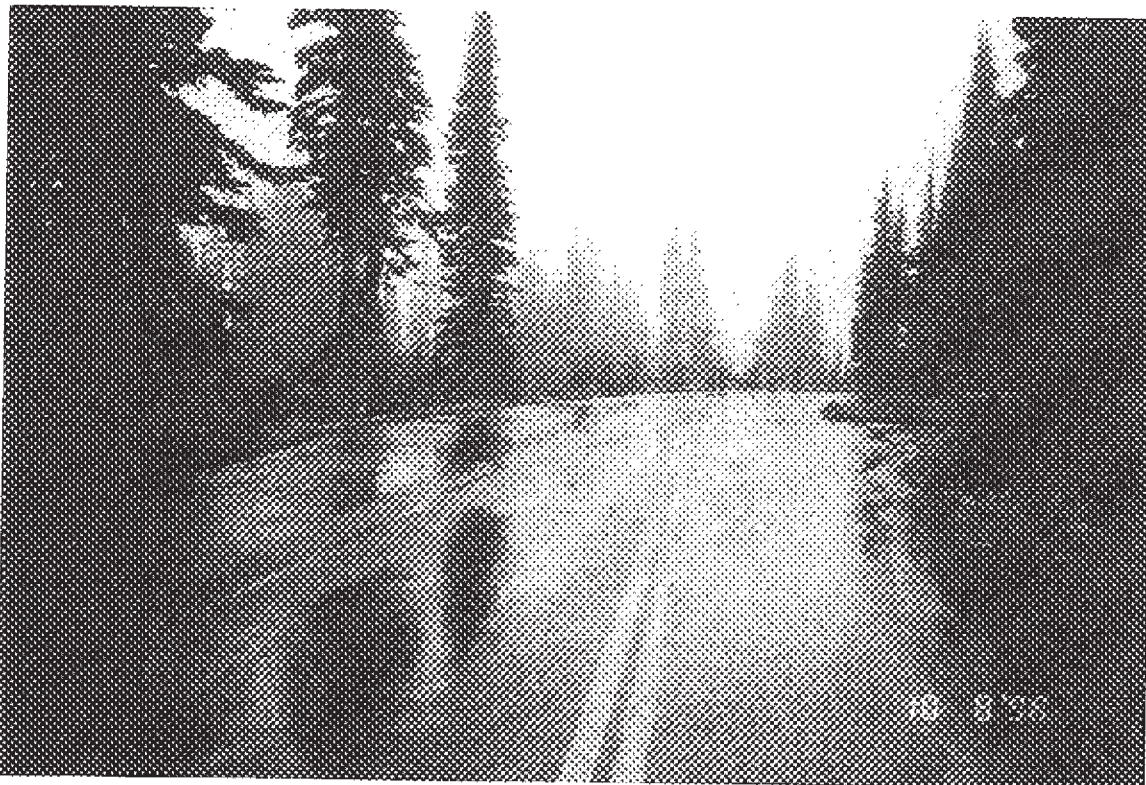


Photo R3-23 - MP 0.50 - Typical curb and gutter

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 202
DATE: 12/98

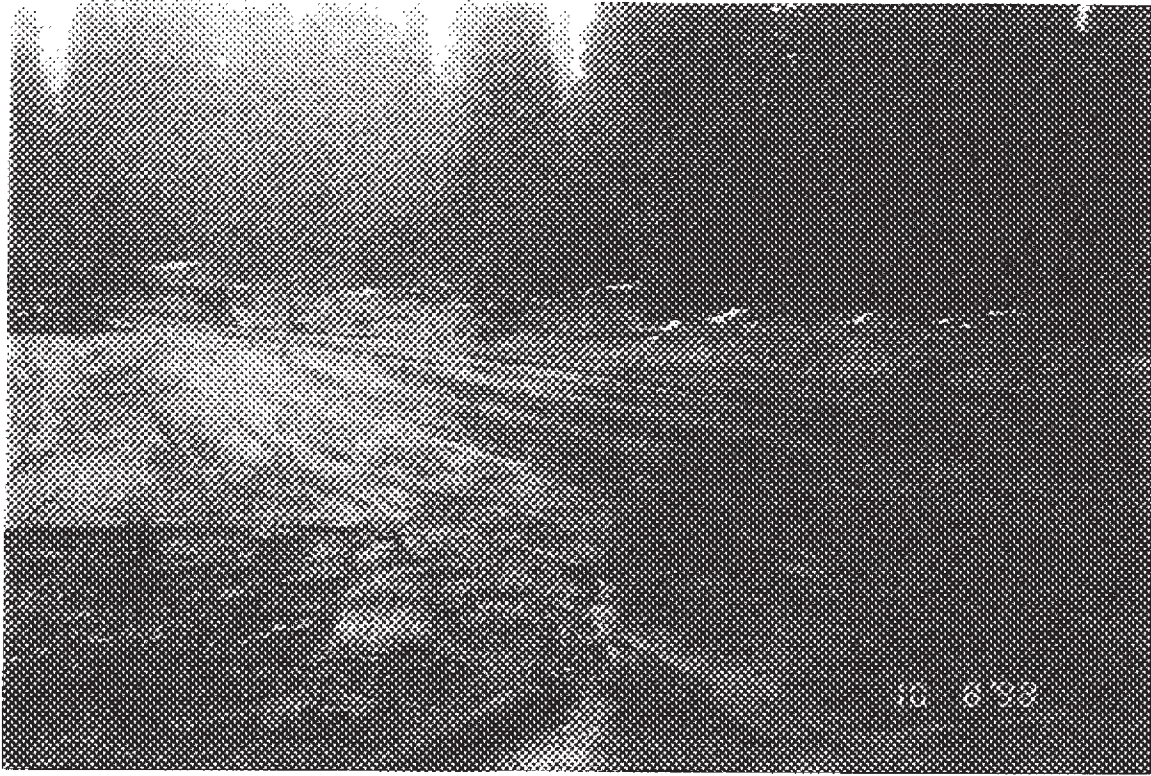


Photo R3-24 - MP 0.70 - Main parking area

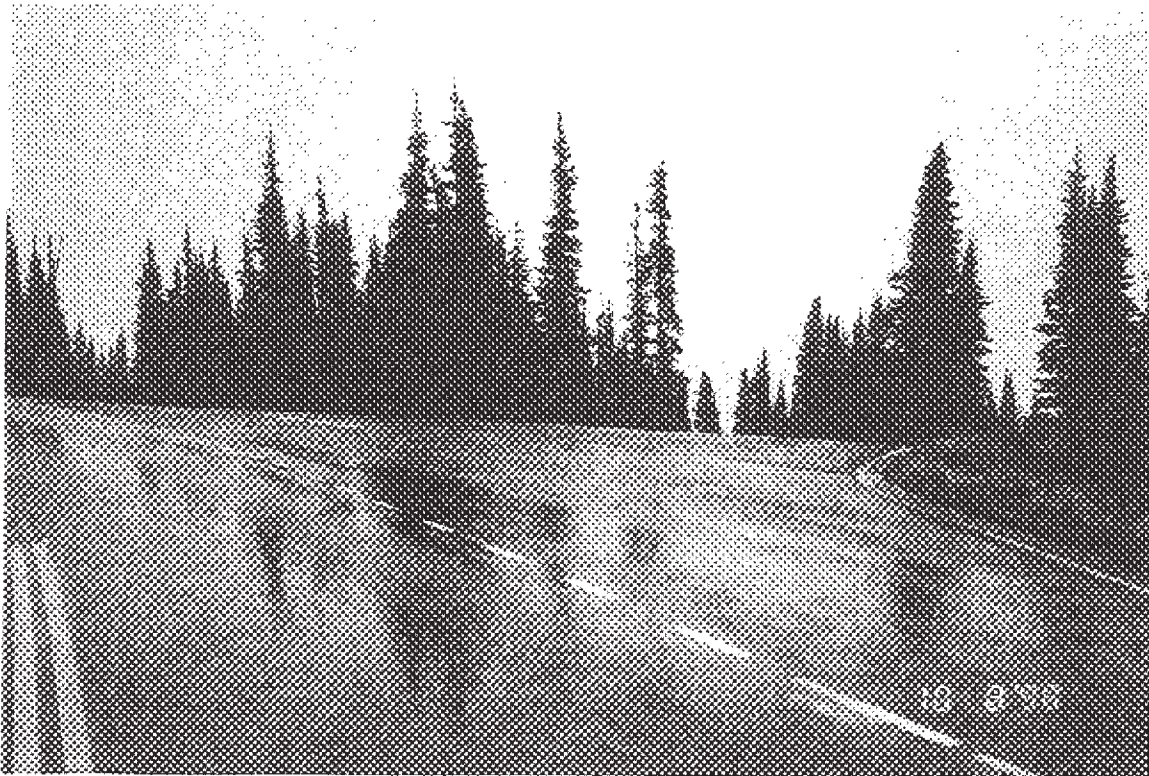


Photo R3-25 - MP 0.86 - End of Route at Rte 014

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 205
DATE: 12/98

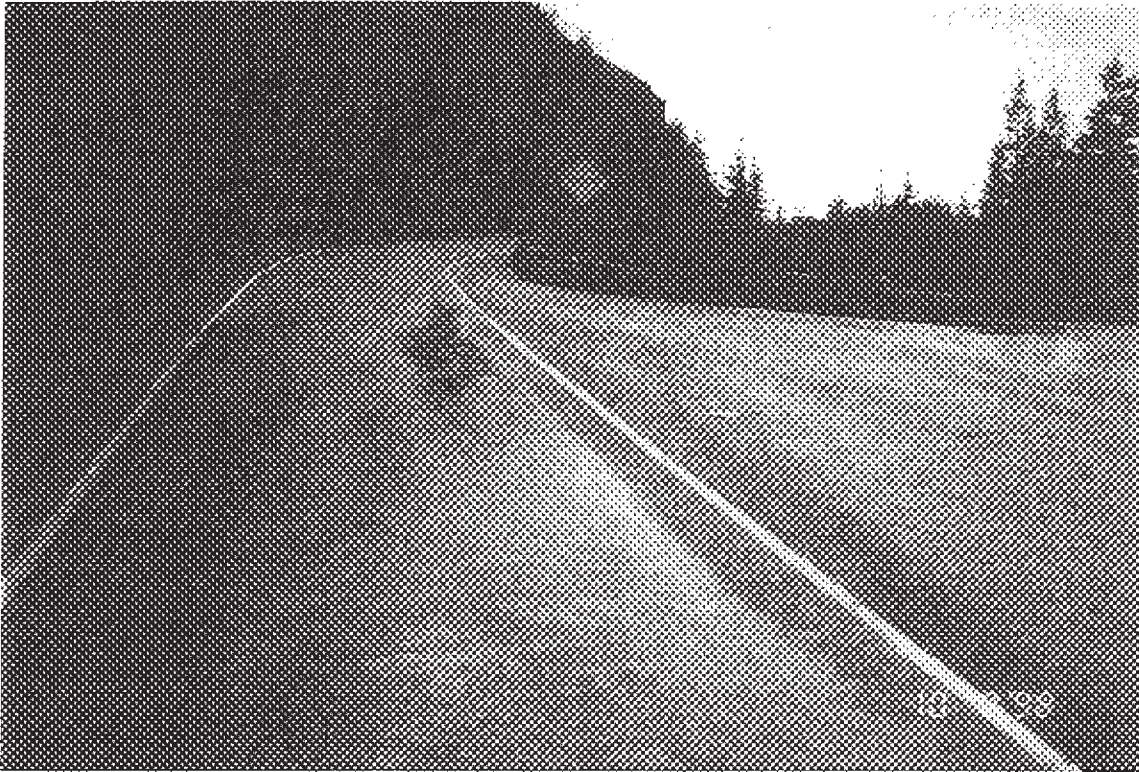


Photo R4-01 - MP 0.08 - Rock wall, typical pavement section

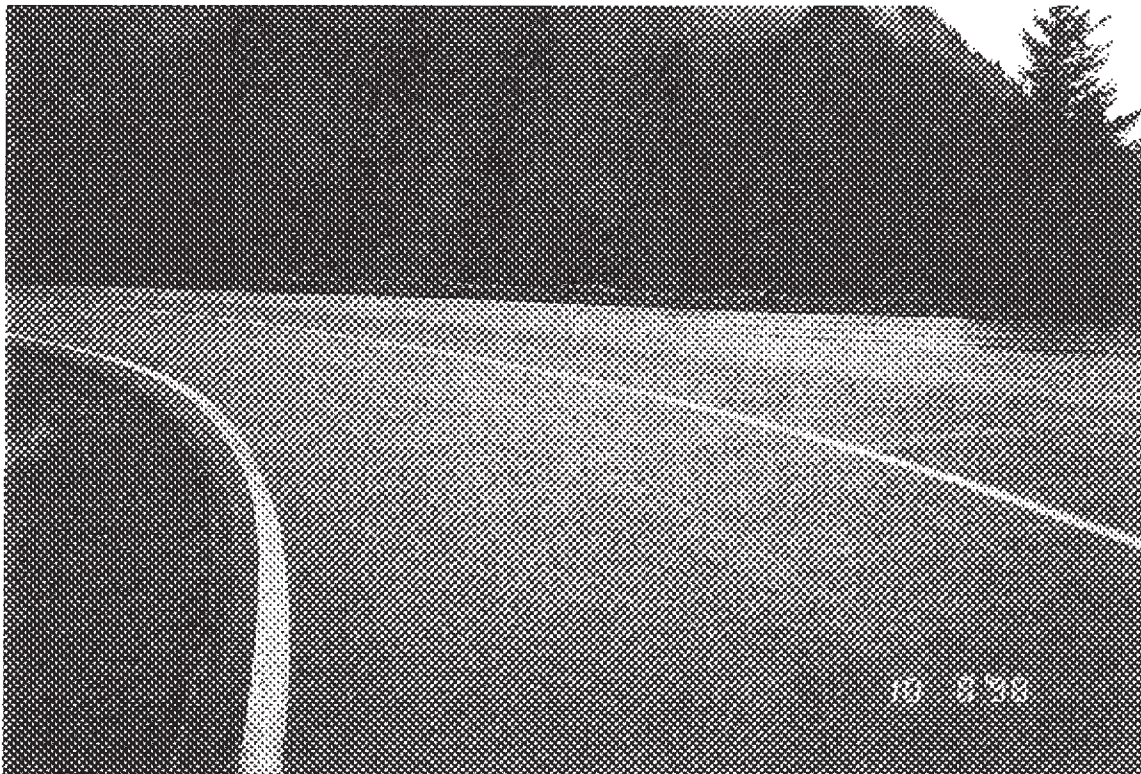


Photo R4-02 - MP 0.20 - Main parking area

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450

ROUTE NUMBER: 206

DATE: 12/98

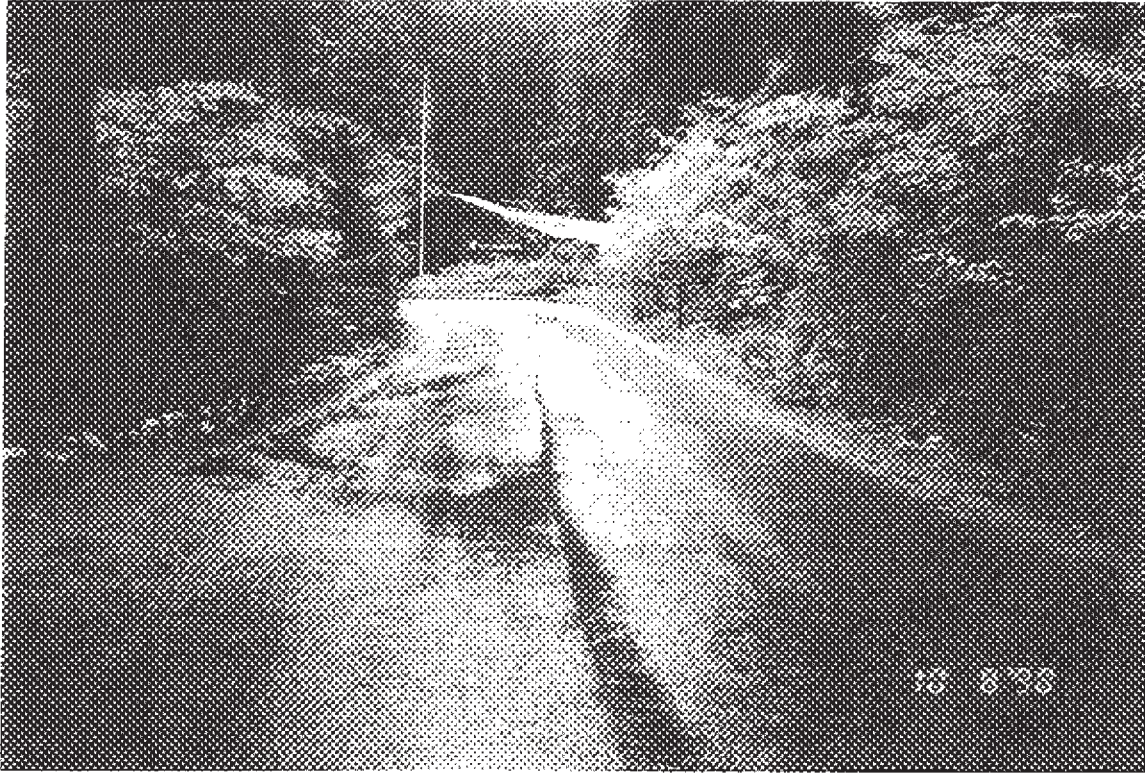


Photo R2-08 - MP 0.20 - Visitors Center

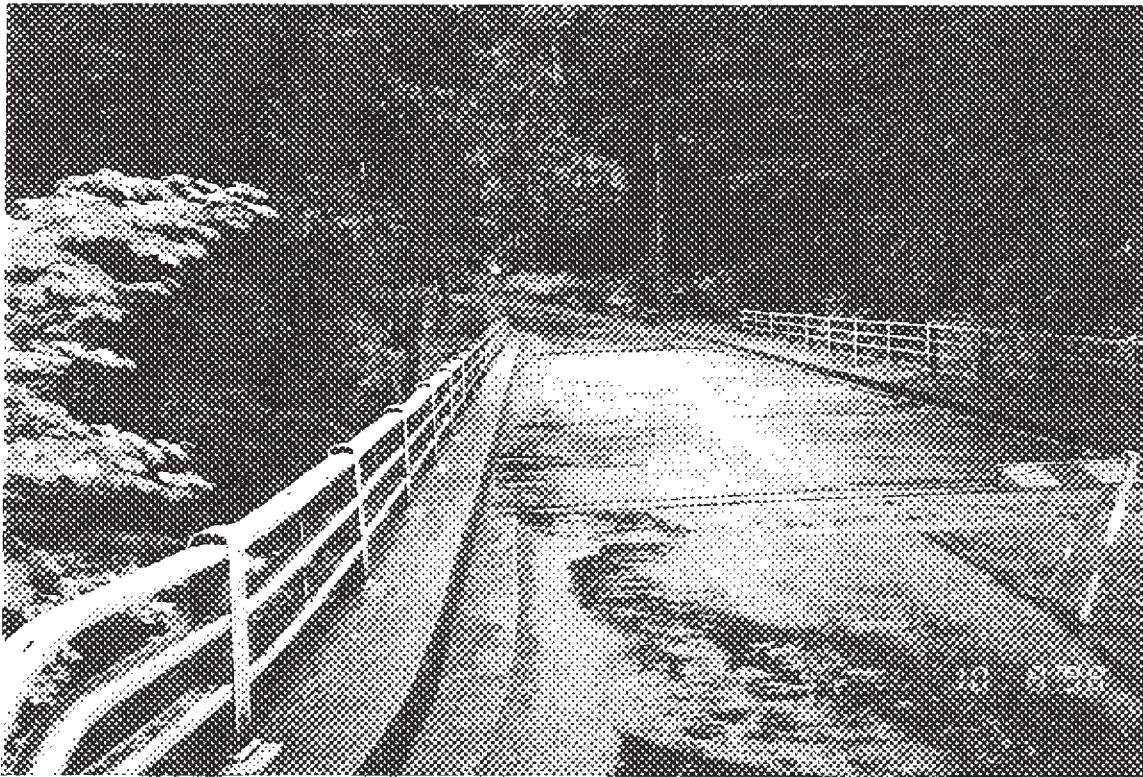


Photo R2-09 - MP 0.30 - Bridge in campground

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 206
DATE: 12/98

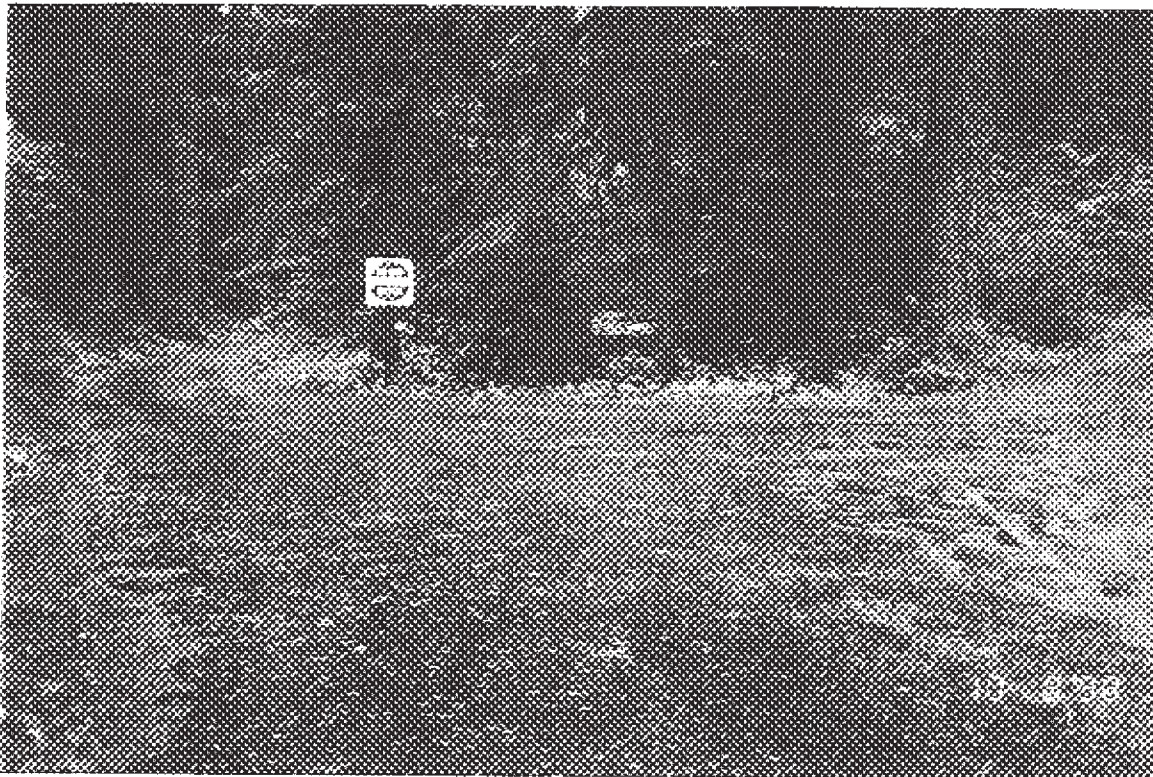


Photo R2-10 - MP 0.70 - Typical pavement section, split and loop

PHOTOGRAPHIC SHEET

PARK NUMBER: 9450
ROUTE NUMBER: 500
DATE: 12/98



Photo R1-11 - MP 0.00 - Beginning of Rte at Rte 916/014,
typical pavement section and rock wall

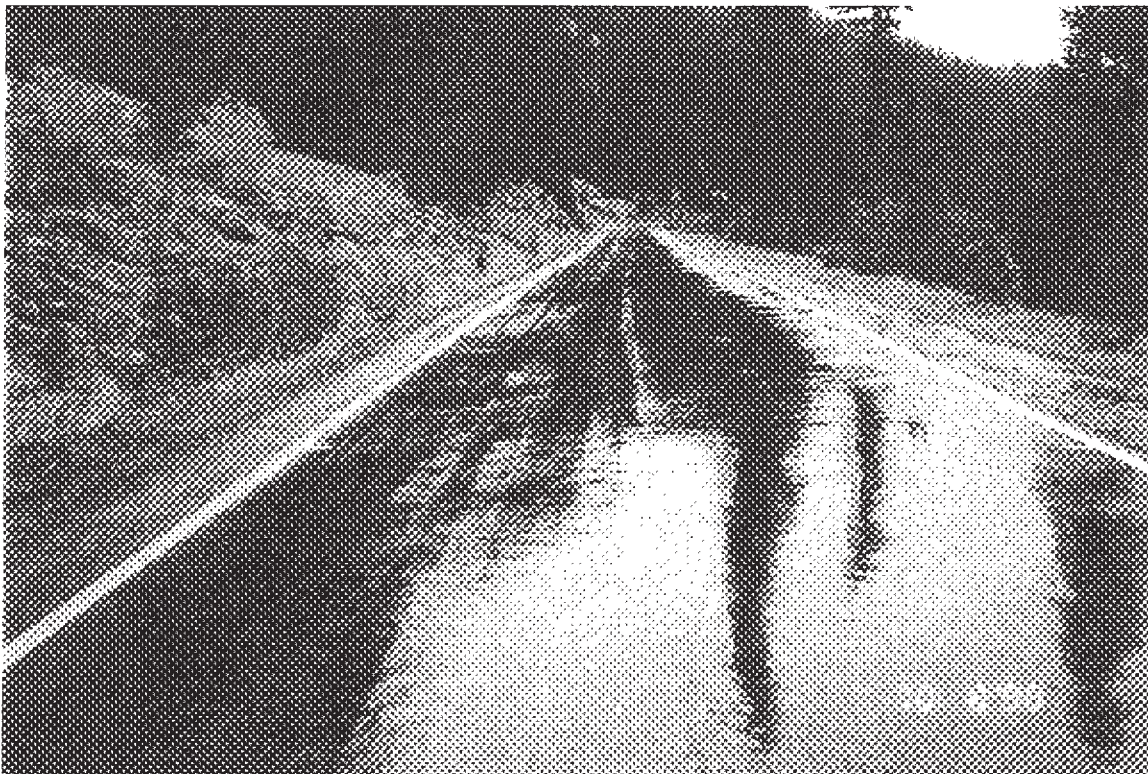


Photo R1-12 - MP 0.90 - Typical pavement section

XI. UNPAVED ROUTES

Unpaved routes are not addressed in this report at this time. Section "IV. ROUTE INVENTORY" includes a current register of all unpaved routes (name, number, estimated mileage to the nearest 0.01, functional class, number of lanes, and termini description). Any further information will be added post 1997-99 data collection. Data was collected for unpaved routes in numerous parks during the '94-'96 data collection cycle. This data (digital images, GPS traces, features inventory, and condition assessments) may be processed in the future.

Mount Rainier - MORA - 9450 - R.O.W. VIDEO TAPE INDEX

PAVED ROUTE NO.	MILEAGE AT BEGINNING FRAME	FROM	TO	BEGINNING FRAME NO.	ENDING FRAME NO.	VIDEO TAPE NO.*	DATE	DIR: PRIM/OPP
010	0.00	S. Bndry	Cayuse Pass	90174	127468	3	10/6/98	P
010	13.85	Cayuse Pass	S. Bndry	150020	185794	4	10/7/98	O
011	0.00	Rte 012	Parking	1	51476	4	10/7/98	P
011	15.39	Parking	Rte 012	53044	99527	4	10/7/98	O
012	0.00	E. Ent Bndry	N. Ent Bndry	141976	174213	3	10/6/98	P
012	11.57	N. Ent Bndry	E. Ent Bndry	115910	148104	4	10/7/98	O
013	0.00	Rte 014	Rte 010	30561	88321	3	10/7/98	P
013	19.01	Rte 010	Rte 014	1185	59039	5	10/6/98	O
014	0.00	W. Ent Bndry	Lodge Prkng	437	66251	1	10/6/98	P
014	17.61	Lodge Parkng	W. Ent Bndry	67005	132015	1	10/6/98	O
100	0.00	Rte 014	Gate	64791	71617	5	10/7/98	P
200	0.00	Rte 011	End	101497	106468	4	10/7/98	P
200	1.27	End	Rte 011	109705	113994	4	10/7/98	O
202	0.00	S. Int Rte 014	N. Int Rte 014	157507	161984	1	10/6/98	P
202	0.88	N. Int Rte 014	S. Int Rte 014	163000	168200	1	10/6/98	O
203	0.00	E. Rte 014	W. Rte 014	134123	138307	1	10/6/98	P
205	0.00	Rte 014	Loop F	61336	62830	5	10/7/98	P
206	0.00	Rte 010	End	187576	192226	4	10/7/98	P
500	0.00	End of 014	Rte 013	142651	152069	1	10/6/98	P

*NOTE: No tape #2

GLOSSARY OF TERMS
AND
ABBREVIATIONS

TERM OR ABBREVIATION	DESCRIPTION OR DEFINITION
9450	Mount Rainier NP Numeric Code
AADT	Annually adjusted average daily traffic. Average daily traffic for the term period comprising 80% of annual visitation.
CRS	Condition Rating Sheet. Index rating for pavement distresses, roadway condition and cross section information.
DCR	Drainage Condition Rating
DIRI	Driver International Roughness Index
Drainage Condition Rating	Drainage condition rating. A alpha rating from P (failed) to E (excellent) based on visual observations.
EXCELLENT	Excellent rating.
F_C	Functional Class. See Table 1 in appendix.
FAIR	Fair rating.
GOOD	Good rating.
IRI	International Roughness Index
Lane	The portion of roadway from centerline to fog line or edge of pavement if no fog line exists.
LRUT	Left Rut.
MORA	Mount Rainier NP Alpha Code
NA	Not applicable.
PAV_MI	Paved portion of route, length in miles.
Pavement Width	The entire portion of roadway from edge of pavement to edge of pavement.
PCR	Pavement condition rating. Numerical rating form 0 (failed) to 100 (excellent). Based on the surface condition and the roughness of the road.
PIRI	Passenger International Roughness Index.

GLOSSARY OF TERMS
AND
ABBREVIATIONS

<u>TERM OR ABBREVIATION</u>	<u>DESCRIPTION OR DEFINITION</u>
PNR	Pacific Northwest Region
POOR	Poor rating.
RI	Roughness Index.
RT#	Route number.
RTE_DESCRIPTION	Description of the route terminus.
RTE_MI	Total route length in miles.
RTE_NAME	Route name.
RRUT	Right Rut.
SADT	Seasonal Annual Daily Traffic. Average daily traffic for the total "season".
SCR	Surface Condition Rating. Numerical rating from 0 (failed) to 100 (excellent). Based on the extent of alligator cracking, patching, longitudinal cracking, rutting and transverse cracking.
Shoulder Condition Rating	Alpha rating from P (failed) to E (excellent). Visual and measured observations of the adequacy of a section of shoulder. Also applies to curb and gutter.
Shoulder Width	If fog line exists, the portion of pavement outside lane, from fog line to edge of pavement.
SF	Square Feet.
UNPAV_MI	Unpaved portion of route, length in miles.

GENERAL PARK ROAD FUNCTIONAL CLASSIFICATION - TABLE 1

Class I	Principal Park Road/Rural Parkway (Public Roads) - Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Route Numbers 1-99. Note: Rural parkways (e.g. Natchez Trace) are numbered 1-9. All other FC 1 routes have two digit numbers.
Class II	Connector Park Road (Public Roads) - Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc. Route Numbers 100-199.
Class III	Special Purpose Park Road (Public Roads) - Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation. Route Numbers 200-299.
Class IV	Primitive Park Roads (Public Roads) - Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Route Numbers 200-299. Note: Functional Classes III and IV have the same route numbers because, historically, they were numbered similarly.
Class V	Administrative Access Road (Administrative Roads) - All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas. Route Numbers 400-499.
Class VI	Restricted Road (Administrative Roads) - All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Route Numbers 400-499. Note: Functional Classes V and VI have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC VI rather than FC V.
Class VII	Urban Parkway (Urban Parkways and City Streets) - These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category. Route Numbers 1-9.
Class VIII	City Streets (Urban Parkways and City Streets) - City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions. Route Numbers 600-699.

A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed, but on the intended use or function of that road or route.

The historic route numbering system also included a 300 number series for interpretive roads, and a 500 series for one-way roads. There are approximately 250 roads nationwide which are designated by the 300 and 500 series. The numbers for these roads will be maintained for reporting consistency. However, since these interpretive and one-way routes are not as clearly tied to a specific functional class, the 300 and 500 series will be discontinued for future use.

DESCRIPTION OF RATING SYSTEM

Data is collected on the following distresses and conditions:

- **Alligator Cracking** - a series of interconnecting cracks resembling alligator skin or chicken wire which usually occur in the wheel path.
- **Longitudinal Cracking** - cracks which are parallel to the pavement centerline or asphalt lay down direction.
- **Transverse Cracking** - cracks perpendicular to the pavement centerline.
- **Pothole (patch)** - a bowl-shaped hole in the pavement surface.
- **Rutting** - surface depressions in the wheel paths.

In addition, **Roughness** has been collected and is used in the PCR formula.

A Rating Index value is calculated for each of these at the 0.02 mile, or every 105.6 feet.

Rating Index Formulas

Alligator Cracking Index = $100 - [40 * (\%low/70 + \%medium/30 + \%high/10)]$

Longitudinal Cracking Index = $100 - [40 * (\%low/350 + \%medium/200 + \%high/75)]$

Transverse Cracking Index = $100 - [40 * (low/15.1 + medium/7.5 + high/2.5)]$

Patching Index = $100 - [40 * (\%patching / 80)]$

Rutting Index: Asphalt Surface = $[13.33 * (\text{deepest rut})^2] - [86.67 * \text{deepest rut}] + 100$

Chipseal (1-5 yrs. old) = $[9.53 * (\text{deepest rut})^2] - [86.67 * \text{deepest rut}] + 108.57$

Chipseal (>5 yrs. old) = $[3.85 * (\text{deepest rut})^2] - [83.46 * \text{deepest rut}] + 116.53$

Roughness Index: (RI) = $29 * [5 * e^{(-0.0041 * \text{average RI})}]$

These 0.02 Rating Index values are then averaged over one mile sections for the mile-by-mile Rating Indexes, Surface Condition Rating (SCR) and Pavement Condition Rating (PCR).

Surface Condition Rating (SCR) = $100 - [40 * (\text{LOW ALLIGATOR CRACKING}/70 + \text{MEDIUM ALLIGATOR CRACKING}/30 + \text{HIGH ALLIGATOR CRACKING}/10 + \text{PATCHING}/80 + \text{LOW TRANSVERSE CRACKING}/15.1 + \text{MEDIUM TRANSVERSE CRACKING}/7.5 + \text{HIGH TRANSVERSE CRACKING}/2.5 + \text{LOW LONGITUDINAL CRACKING}/350 + \text{MEDIUM LONGITUDINAL CRACKING}/200 + \text{HIGH LONGITUDINAL CRACKING}/75 + \text{MAXIMUM RUT VALUE})]$

Pavement Condition Rating (PCR) = $(\text{SCR} * 0.60) + (\text{RI} * 0.40)$

NOTE: Collection of roughness data is dependant on the data collection vehicle traveling at a minimum speed of 22 mph. In the event that a route cannot be safely traveled at this minimum speed, and results in no roughness data, the SCR only will be calculated.

Drainage Condition Rating Definitions

- Excellent:** No drainability problem. If funding were available for pavement maintenance, no funds would be required for drainage concerns.
- Good:** Minimal overall drainability problems. If funding were available for pavement maintenance, 25% or less is estimated to correct drainage deficiencies.
- Fair:** Moderate problems with drainability that needs correcting before it deteriorates to a poor rating. If funding were available for pavement maintenance in this section, 25% to 50% is estimated to correct deficiencies.
- Poor:** Severe problems exist that jeopardizes the integrity of the road in this section. If funding were available for pavement maintenance, 50% to 100% is estimated to correct drainage deficiencies.

Drainage Rating Criteria

The following are examples of basic criteria to help the rater to identify the different drainability ratings. While in the field, many other flaws will be discovered, but this criteria should give a feel for where the flaws would apply in the ratings.

Excellent Drainability

All water clears the road prism adequately without any chance of base saturation.

- Pavement drains without interruption.
- Curbs are flawless with the exception of minor cracking.
- Down drains are secure and placed properly.
- Drop inlets are at the correct grade and location with no deficiencies.
- Culverts are adequate in numbers, size, and condition.
- Ditches are constructed of asphalt and are sufficient to carry required volumes of water.

B. Good Drainability

Most water clears the road prism adequately with little concern of base saturation.

- Pavement has minor deficiencies that interrupt water flow.
- Shoulders are mostly adequate as they relate to surrounding terrain. Shoulder design generally coincides with the drainage design.
- Curbs have deficiencies, but still function without erosion.
- Down drains are placed properly, but show signs of some deterioration.
- Culverts are adequate in numbers and size, however, minor deficiencies are evident.
- Ditches are not paved, but solid and have enough area to maintain and carry required volume of water.

C. Fair Drainability

Some areas have questionable ability for the water to clear the road prism with an uncomfortable concern for base saturation.

- Pavement shows moderate flaws, such as rutting, and other irregularities that would hold minor amounts of water, interrupting the flow of water.
- Shoulder grades restrict the flow of water, however, water exits after some ponding.

- Down drains show evidence that limited water is causing erosion as a result of deterioration, or other similar flaws (e.g. missing asphalt that guides water to down drain).
- Drop inlet encasements are cracked, iron is bent, or are misaligned to cause limited water to escape,
- Culvert headwalls show moderate damage or are inadequate, the exit shows some damage to fill areas, or entry asphalt is moderately damaged.
- Ditches have some permeable material, unmovable obstructions to interrupt flow obviously hard to maintain due to inconsistencies, or have a less than desirable area to carry required volumes of water.

D. Poor Drainability

This section has areas of inadequate drainage ability that is causing base saturation that could cause a road failure.

- Pavement grade is irregular and holds dangerous amounts of water (hydroplaning is a concern), or shows massive alligator cracking.
- Shoulder design induces ponding that encroaches on the pavement (drivers try to avoid ponds).
- Portions of curbs are missing, allowing water to escape causing erosion.
- Drop inlets, due to various reasons, are only able to drain 50% or less efficiently.
- Down drains show signs of water exiting in areas by the down drain causing erosion.
- Culverts are functionally deficient including size, installation, location, or grade giving water opportunity to saturate the road base.
- Ditches allow water opportunity to saturate the road base through various reasons such as low places in ditch where design has not allowed for water to drain, little or no room in the road prism for a needed ditch, or water is disappearing within the ditch.

Shoulder Condition Rating Definitions

- Excellent:** Shoulder is new or under construction. It meets or exceeds standards. The curb is new.
- Good:** The shoulder is below standard width for posted speed and grading is required. The curb is functional.
- Fair:** There are variations in the shoulder, irregular width with material replacement required. The curb is in need of repairs or adjustments.
- Poor:** There isn't any shoulder, erosion has removed it. The curb needs replacement.

Shoulder Rating Criteria

The following are examples of basic criteria to help the rater to identify the different shoulder ratings. While in the field, many other flaws will be discovered, but this criteria should give a feel for where the flaws would apply in the ratings.

The overall shoulder condition rating for a section is determined by the lowest individual rating for any one of the above categories (width, rutting, cracking, erosion, drop-off, and curbs).

A. Excellent Shoulders

- If shoulder is unpaved there will not be any drop-offs or erosion.
- If shoulder is paved there isn't any rutting, cracking, or erosion.
- Curbs are flawless with the exception of minor cracking and no erosion behind curb.

B. Good Shoulders

- If shoulder is unpaved drop-offs are less than 1", but grading is required.
- If shoulder is paved rut depth is less than 1/2", sealed cracks are present, and grading is required.
- If curbs are present they are functional.

C. Fair Shoulder

- If shoulder is unpaved drop-offs are from 1" to 4" and replacement of material required.
- If shoulder is paved rut depth is from 1/2" to 1". Open cracks are present but less than 1/4" deep, replacement of material is needed from erosion.
- If curbs are present they need repairs, and there is erosion behind the curb.

D. Poor Shoulder

- If shoulder is unpaved drop-offs are greater than 4" and erosion has removed the shoulder.
- If shoulder is paved rut depth is greater than 1". Open cracks are greater than 1/4" deep, and erosion has removed the shoulder.
- If curbs are present they need replacement.
- If curbs are present they need repairs, and there is erosion behind the curb.