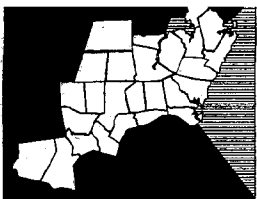
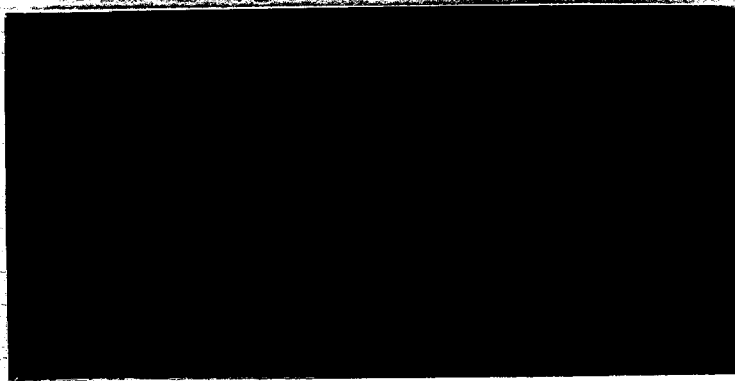


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# Rockingham Planning Commission

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ROAD SURFACE MANAGEMENT SYSTEM PLAN

FOR THE TOWN OF HAMPTON FALLS

JUNE, 1993

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**SECTION I**  
**INTRODUCTION**

**Hampton Falls Town Officials**  
**Guide To The**  
**Road Surface Management System Plan**

In the fall of 1992, the Hampton Falls Planning Board and Selectmen requested that the Rockingham Planning Commission develop a Road Surface Management System Plan as part of the NH Coastal Program Funds, with the required fifty percent (50%) match provided by the Town. The plan was subsequently developed during the month of June.

The Hampton Fall's RSMS Plan contains Inventory Information, a Road Condition Survey, Reports A through G, and Appendix I - the Road Maintenance and Repair Strategies. An explanation of their contents is presented before each section or report.

Reports A through G represent the significant findings and recommendations of the study. The Inventory Information and Road Condition Survey Results are used in the development of the analysis reports.

It is intended that the data contained in reports A through G will form the basis for objective decisions about overall road surface management, repair strategies and costs of the repairs in Hampton Falls. While this system is not intended to replace detailed engineering analysis and evaluation of Hampton Fall's roads, the information will enable Hampton Falls to schedule roadway maintenance needs and develop an annual budget.

Furthermore, the Hampton Falls Road Surface Management Plan was developed as a tool to provide the decision makers with an easily understood and comprehensive assessment of local road maintenance needs, repair strategies and costs. RSMS should be used by the Road Agent as a tool for planning and scheduling repair work as well as preparing a repair budget. It should not be thought of as a design aid.

**SECTION II**  
**INVENTORY INFORMATION**

This is the basic information which the New Hampshire Department of Transportation (NHDOT) provided with some of the information updated by the Rockingham Planning Commission (RPC) while conducting field work to reflect the actual road mileage, surface types, and pavement widths of the roads in Hampton Falls.

The material contained in this section is for informational purposes, however it represents a crucial ingredient for production of the analysis reports.

PAVED ROADS  
INVENTORY INFORMATION

ROAD NAME	MAINT DIV.	INVENTORY NUMBER	START MILES	END MILES	LENGTH MILES	DIRECTION OF TRAVEL		ROAD			T M	YR
						(FROM STREET)	(TO STREET)	WDTH (FT)	SURFACE TYPE	SHLD TYPE		
BALDWIN PLACE	VI	000000-000	0.000	0.137	0.137	END	FRYING PAN LN	24	MISC-ASP	ERTH LOW	Y	93
BIRCH DR	VI	000000-000	0.000	0.115	0.115	DRINKWATER RD.	END	24	SURF TR	ERTH LOW	Y	93
BRIMMER LN-1	VI	000000-000	0.000	0.548	0.548	ROUTE 1	END	14	MISC-ASP	ERTH LOW	Y	93
BROWN LN	VI	000000-000	0.000	0.194	0.194	ROUTE 1	END	18	SURF TR	ERTH LOW	Y	93
BROWN RD	VI	000000-000	0.000	1.757	1.757	NORTH	SOUTH	22	SURF TR	ERTH MOD	Y	93
CRANK RD	VI	000000-000	0.000	1.054	1.054	ROUTE 84	DRINKWATER RD	22	MISC-ASP	ERTH MOD	Y	93
CRESTVIEW AVE	VI	000000-000	0.000	0.095	0.095	GLENWOOD AVE	JANVRIN AVE	20	MISC-ASP	ERTH LOW	Y	93
CURTIS RD-2	VI	000000-000	0.000	0.491	0.491	END OF CR-1	NASON RD	20	MISC-ASP	ERTH LOW	Y	93
DEPOT RD-1	VI	000000-000	0.000	0.647	0.647	ROUTE 1	END	20	MISC-ASP	ERTH M-LOW	Y	93
DODGE RD	VI	000000-000	0.000	0.264	0.264	PAGES LN	ROUTE 84	22	MISC-ASP	ERTH HIGH	Y	93
DRINK WATER RD	VI	000000-000	0.000	2.930	2.930	KENSINGTON T.L.	RT. 1	20	SURF TR	ERTH MOD	Y	93
EVERGREEN RD	VI	000000-000	0.000	0.341	0.341	ROUTE 88 END	KING ST END	20	MISC-ASP	ERTH LOW	Y	93
FRYING PAN LN	VI	000000-000	0.000	0.420	0.420	KING ST	END	18	MISC-ASP	ERTH M-LOW	Y	93
GLENWOOD DR	VI	000000-000	0.000	0.237	0.237	ROUTE 84	END	22	MISC-ASP	ERTH LOW	Y	93
GOODWIN RD	VI	000000-000	0.000	0.525	0.525	CRANK RD	ROUTE 84	20	MISC-ASP	ERTH MOD	Y	93
HILLCREST DRIVE	VI	000000-000	0.000	0.214	0.214	DRINKWATER RD.	END	20	MISC-ASP	ERTH LOW	Y	93
JANVRIN AVE	VI	000000-000	0.000	0.071	0.071	CRESTVIEW AVE	ROUTE 84	22	MISC-ASP	ERTH LOW	Y	93
KING ST	VI	000000-000	0.000	0.557	0.557	SANBORN RD	CURTIS RD	18	SURF TR	ERTH LOW	Y	93
MAPLE AVE	VI	000000-000	0.000	0.066	0.066	GLENWOOD AVE	END	20	MISC-ASP	ERTH LOW	Y	93
MARTHA'S COURT	VI	000000-000	0.000	0.289	0.289	ROUTE 88	END	24	SURF TR	ERTH LOW	Y	93
MEADOW LANE	VI	000000-000	0.000	0.202	0.202	DEPOT RD	END	20	MISC-ASP	ERTH LOW	Y	93
MERRILL RD	VI	000000-000	0.000	0.139	0.139	DEPOT RD	END	20	SURF TR	ERTH LOW	Y	93
HILL LANE	VI	000000-000	0.000	0.691	0.691	ROUTE 84	END	20	MISC-ASP	ERTH HIGH	Y	93
NASON RD	VI	000000-000	0.000	1.352	1.352	ROUTE 88	ROUTE 84	22	SURF TR	ERTH M-LOW	Y	93
OAK DRIVE	VI	000000-000	0.000	0.245	0.245	DRINKWATER RD.	BIRCH DR.	24	SURF TR	ERTH LOW	Y	93
OLD COACH LN	VI	000000-000	0.000	0.605	0.605	EAST	WEST	20	MISC-ASP	ERTH LOW	Y	93
OLD STAGE ROAD	VI	000000-000	0.000	0.698	0.698	BROWN RD	END	20	MISC-ASP	ERTH LOW	Y	93
ORCHARD DR	VI	000000-000	0.000	0.182	0.182	SANBORN RD	END	24	MISC-ASP	ERTH LOW	Y	93
PENHOLLOW LN	VI	000000-000	0.000	0.142	0.142	FRYING PAN LN	END	22	MISC-ASP	ERTH LOW	Y	93
PRESCOTT LANE	VI	000000-000	0.000	0.469	0.469	KING ST	END	20	MISC-ASP	ERTH M-LOW	Y	93
RIVER RD	VI	000000-000	0.000	0.362	0.362	KING ST	END	20	MISC-ASP	ERTH LOW	Y	93
SANBORN RD	VI	000000-000	0.440	1.396	0.956	ROUTE 88	KING ST	20	SURF TR	ERTH MOD	Y	93
STARD RD	VI	000000-000	0.000	0.249	0.249	ROUTE 84	END	20	MISC-ASP	ERTH LOW	Y	93
SURREY LANE	VI	000000-000	0.000	0.177	0.177	ROUTE 88	END	20	MISC-ASP	ERTH LOW	Y	93
TAYLOR RIVER RD	VI	000000-000	0.000	0.224	0.224	ROUTE 88	END	22	SURF TR	ERTH LOW	Y	93
TOWLE FARM RD	VI	000000-000	0.000	0.209	0.209	BROWN RD	END	20	MISC-ASP	ERTH LOW	Y	93
VICTORIA DRIVE	VI	000000-000	0.000	0.439	0.439	ROUTE 88	END	24	MISC-ASP	ERTH LOW	Y	93
WOODLAWN AVE	VI	000000-000	0.000	0.157	0.157	MAPLE AVE	JANVRIN	22	MISC-ASP	ERTH LOW	Y	93
*** Town Maintained Miles ***					18.450							
*** Non Maintained Miles ***					0.000							
*** TOTAL MILES ***					18.450							

UNPAVED ROADS  
INVENTORY INFORMATION

ROAD NAME	MAINT DIV.	INVENTORY NUMBER	START MILES	END MILES	LENGTH MILES	DIRECTION OF TRAVEL (FROM STREET)	DIRECTION OF TRAVEL (TO STREET)	ROAD WIDTH (FT)	SURFACE TYPE	SHLD TYPE	ROAD VOLUME	T YR M ? INS
BRIMMER LN-2	VI	000000-000	0.560	0.650	0.090	END OF BR-1	END	12	GRAVEL	NONE	LOW	Y 93
CURTIS RD-1	VI	000000-000	0.000	0.380	0.380	KING ST	NASON RD	18	GRAVEL	NONE	LOW	Y 93
DEPOT RD-2	VI	000000-000	0.660	0.750	0.090	END OF DR-1	END	16	GRAVEL	NONE	LOW	Y 93
PARSONAGE RD	VI	000000-000	0.000	0.260	0.260	ROUTE 88	DRINKWATER RD	16	GRAVEL	NONE	LOW	Y 93
TOPPAN LN	VI	000000-000	0.000	0.170	0.170	END	OLD STAGE RD	18	GRAVEL	NONE	LOW	Y 93
*** Town Maintained Miles ***					0.990							
*** Non Maintained Miles ***					0.000							
*** TOTAL MILES ***					0.990							



**SECTION III**  
**ROAD CONDITION SURVEY RESULTS**

In June of 1993, RPC staff conducted a survey of every town maintained road in Hampton Falls. The following is a summary of results from the road condition survey. From left to right, the first column is the name of the road and below it an associated road inventory number. This number can be determined by the Town. The second column, "Start of Section," is the number which appears when the road is called up on the computer. These figures are included in the standard information which is received from the NHDOT. The column entitled "End of Section" represents the figure calculated by the "fifth wheel" which is attached to the back of the vehicle and to the odometer during the road survey. In most instances, the start of section is 0.00, but in a few cases it may be a preset number (such as 34). (These figures are derived from the NHDOT inventory and are tied into the Straight Line Diagrams which is the basic information the State establishes on road profiles). The end of section figure represents the length of that particular section or road. Please note one exception is that if there is already a figure in the "Start of Section" column, then the number is subtracted from the figure in the "End of Section" column to determine the total length of the section or road.

The fourth column contains information on direction of travel, with the first name representing the road at which the survey began and the second name being the road which is travelled to.

The next seven columns represent the actual survey results and are described in detail in the RSMS manual. This information should be used for internal purposes only, for example, when the roads are updated annually, the information could be compared.

PAVED ROADS  
SUMMARY OF RESULTS FROM ROAD CONDITION SURVEY

ROAD NAME INVEN NO. MAINT.DIV.	START SECTION (Miles)	END SECTION (Miles)	TRAVEL DIRECTION FROM: TO :	LONG / TRANS CRACKING SEVERITY/EXT	ALLIGATOR CRACKING SEVERITY/EXT	PATCHES/ POTHLES EXTENT	EDGE CRACKING SEVERITY/EXT	DRAINAGE (COND)	ROUGHNESS (COND)	RUTTING
=====										
BALDWIN PLACE										
000000-000	0.000	0.137		None	None	None	None	Good	Good	None
BIRCH DR										
000000-000	0.000	0.032		Low 10-30%	Mod 10-30%	None	None	Good	Good	Rutting
	0.032	0.115		None	None	None	None	Good	Good	None
BRIMMER LN-1										
000000-000	0.000	0.548		Low 10-30%	Low <10%	None	Low Mod.	Good	Good	None
BROWN LN										
000000-000	0.000	0.039		None	High >30%	High	None	Poor	Poor	None
	0.039	0.194		Low 10-30%	None	None	Low Mod.	Fair	Good	None
BROWN RD										
000000-000	0.000	1.757		Mod >30%	Low 10-30%	Low	Low Low	Poor	Good	Rutting
CRANK RD										
000000-000	0.000	0.170		Mod >30%	None	None	Mod Low	Poor	Good	None
	0.170	0.307		Low <10%	None	None	Low Low	Fair	Good	None
	0.307	0.355		Low >30%	Mod >30%	None	Low Low	Poor	Good	Rutting
	0.355	1.054		Low >30%	Mod <10%	Low	Low Mod.	Fair	Good	Rutting
CRESTVIEW AVE										
000000-000	0.000	0.095		Low <10%	None	None	Low High	Fair	Good	None
CURTIS RD-2										
000000-000	0.000	0.106		Low >30%	Low >30%	None	None	Fair	Good	None
	0.106	0.491		Mod >30%	Mod 10-30%	Low	Low High	Fair	Fair	Rutting
DEPOT RD-1										
000000-000	0.000	0.647		Low 10-30%	None	None	Mod High	Fair	Good	None

PAVED ROADS  
SUMMARY OF RESULTS FROM ROAD CONDITION SURVEY

ROAD NAME INVEN NO. MAINT.DIV.	START SECTION (Miles)	END SECTION (Miles)	TRAVEL DIRECTION FROM: TO :	LONG / TRANS CRACKING SEVERITY/EXT	ALLIGATOR CRACKING SEVERITY/EXT	PATCHES/ POTHOLES EXTENT	EDGE CRACKING SEVERITY/EXT	DRAINAGE (COND)	ROUGHNESS (COND)	RUTTING
=====										
DODGE RD										
000000-000	0.000	0.264		Low >30%	Low <10%	None	Low Mod.	Good	Good	None
DRINK WATER RD										
000000-000	0.000	0.122		Low 10-30%	Low 10-30%	None	None	Poor	Good	None
	0.122	1.476		Mod 10-30%	None	None	Low Mod.	Fair	Good	None
	1.476	2.930		Low 10-30%	None	None	Low Low	Good	Good	None
EVERGREEN RD										
000000-000	0.000	0.341		None	None	None	None	Good	Good	None
FRYING PAN LN										
000000-000	0.000	0.110		Low 10-30%	None	None	Low Low	Fair	Good	None
	0.110	0.193		None	None	None	None	Fair	Good	None
	0.193	0.420		Mod >30%	Mod >30%	Low	Low Mod.	Fair	Fair	Rutting
GLENWOOD DR										
000000-000	0.000	0.237		Low 10-30%	Low <10%	None	Low Mod.	Fair	Good	None
GOODWIN RD										
000000-000	0.000	0.174		None	None	None	Mod Mod.	Fair	Good	Rutting
	0.174	0.383		None	None	None	None	Good	Good	None
	0.383	0.525		Low >30%	Low 10-30%	None	Low Low	Fair	Good	Rutting
HILLCREST DRIVE										
000000-000	0.000	0.214		None	None	None	None	Good	Good	None
JANVRIN AVE										
000000-000	0.000	0.071		Low >30%	None	None	Mod High	Fair	Good	None
KING ST										
000000-000	0.000	0.557		None	None	None	None	Good	Good	None

PAVED ROADS  
SUMMARY OF RESULTS FROM ROAD CONDITION SURVEY

ROAD NAME INVEN NO. MAINT.DIV.	START SECTION (Miles)	END SECTION (Miles)	TRAVEL DIRECTION FROM: TO :	LONG / TRANS CRACKING SEVERITY/EXT	ALLIGATOR CRACKING SEVERITY/EXT	PATCHES/ POTHoles EXTENT	EDGE CRACKING SEVERITY/EXT	DRAINAGE (COND)	ROUGHNESS (COND)	RUTTING
MAPLE AVE 000000-000	0.000	0.066		Low 10-30%	Low >30%	None	None	Poor	Good	None
MARTHA'S COURT 000000-000	0.000	0.289		None	None	None	None	Fair	Good	None
MEADOW LANE 000000-000	0.000	0.202		Low <10%	None	None	Low Mod.	Fair	Good	None
MERRILL RD 000000-000	0.000	0.139		Mod >30%	Low 10-30%	None	Mod High	Fair	Fair	None
HILL LANE 000000-000	0.000	0.691		None	None	None	None	Good	Good	None
NASON RD 000000-000	0.000	1.352		Mod >30%	Mod >30%	None	Low High	Fair	Good	Rutting
OAK DRIVE 000000-000	0.000	0.245		None	None	None	None	Poor	Good	None
OLD COACH LN 000000-000	0.000	0.605		None	None	None	None	Poor	Good	None
OLD STAGE ROAD 000000-000	0.000	0.102		Low <10%	None	None	Low Low	Good	Good	None
		0.102		Mod >30%	High >30%	Mod	Mod High	Poor	Poor	Rutting
		0.276		Mod >30%	Low 10-30%	Mod	Low Mod.	Fair	Fair	None
ORCHARD DR 000000-000	0.000	0.182		None	None	None	None	Fair	Good	None
PENHOLLOW LN 000000-000	0.000	0.142		None	None	None	None	Good	Good	None

PAVED ROADS  
SUMMARY OF RESULTS FROM ROAD CONDITION SURVEY

ROAD NAME INVEN NO. MAINT.DIV.	START SECTION (Miles)	END SECTION (Miles)	TRAVEL DIRECTION FROM: TO :	LONG / TRANS CRACKING SEVERITY/EXT	ALLIGATOR CRACKING SEVERITY/EXT	PATCHES/ POTHOLES EXTENT	EDGE CRACKING SEVERITY/EXT	DRAINAGE (COND)	ROUGHNESS (COND)	RUTTING
PRESCOTT LANE										
000000-000	0.000	0.469		None	None	None	None	Poor	Good	None
RIVER RD										
000000-000	0.000	0.362		None	None	None	None	Good	Good	None
SANBORN RD										
000000-000	0.440	0.605		None	Low 10-30%	None	Low Low	Good	Good	None
	0.605	1.396		None	None	None	None	Good	Good	None
STARD RD										
000000-000	0.000	0.249		None	None	None	None	Good	Good	None
SURREY LANE										
000000-000	0.000	0.177		None	None	None	None	Good	Good	None
TAYLOR RIVER RD										
000000-000	0.000	0.224		None	None	None	None	Poor	Good	None
TOWLE FARM RD										
000000-000	0.000	0.209		None	None	Low	Mod High	Good	Good	Rutting
VICTORIA DRIVE										
000000-000	0.000	0.439		None	None	None	None	Good	Good	None
WOODLAWN AVE										
000000-000	0.000	0.157		Low 10-30%	Low <10%	None	Low Low	Fair	Good	None

UNPAVED ROADS  
SUMMARY OF RESULTS FROM ROAD CONDITION SURVEY

ROAD NAME INVEN NO. MAINT.DIV.	START SECTION (Miles)	END OF SECTION (Miles)	TRAVEL DIRECTION FROM: TO :	CROSS SECTION (COND)	ROADSIDE DRAINAGE (COND)	CORRUGATIONS SEVERITY/EXT	DUST (COND)	POTHLES SEVERITY/EXT	RUTTING SEVERITY/EXT	LOOSE AGGREGATE SEVERITY/EXT
BRIMMER LN-2 000000-000	0.56	0.65		FAIR	FAIR	None	Medium	Low / LOW	Mod / >30%	Low / LOW
CURTIS RD 000000-000	0.00	0.38		POOR	POOR	Mod /10-30%	Medium	High/HIGH	High/ >30%	High/ MED
DEPOT RD-2 000000-000	0.66	0.75		POOR	POOR	None	Medium	High/HIGH	High/ >30%	Low / LOW
PARSONAGE RD 000000-000	0.00	0.26		POOR	POOR	High/ >30%	Heavy	High/HIGH	High/ >30%	High/ MED
TOPPAN LN 000000-000	0.00	0.17		GOOD	FAIR	None	Medium	Low / LOW	Low /10-30%	Low / LOW

**SECTION IV**  
**ANALYSIS AND REPORTS**

**REPORT A - SUMMARY OF REPAIR STRATEGIES**  
**(PAVED AND UNPAVED ROADS) AND BAR CHARTS**

Report A is the Summary of Repair Strategies for paved and unpaved roads in Hampton Falls with associated bar charts. The information demonstrates that the largest percentage of Hampton Fall's roads are in good condition, with thirty-six percent (36%) requiring no work. The remaining percentage of roads are distributed among reconstruction, rehabilitation, preventative and routine maintenance repair categories.



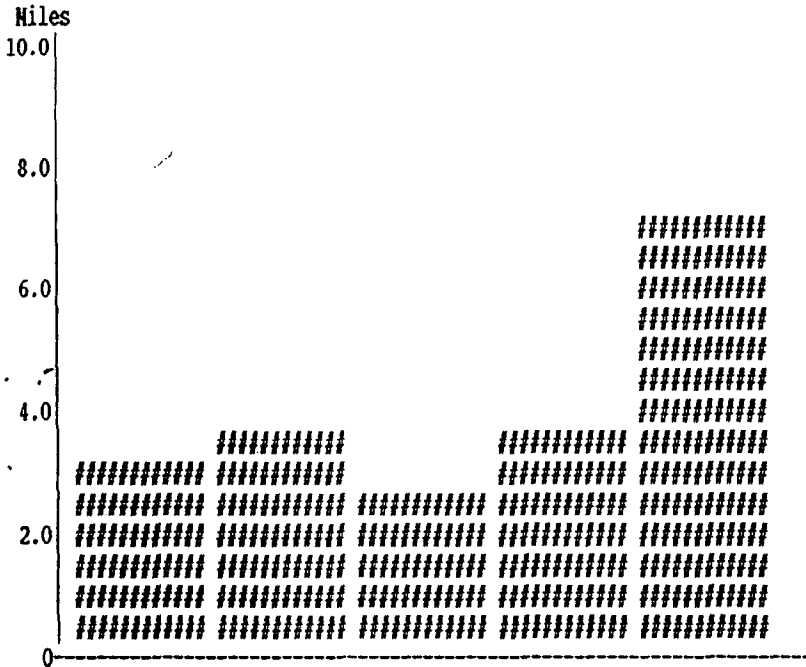
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ROAD SURFACE MANAGEMENT SYSTEM  
PAVED ROADS - SUMMARY OF REPAIR STRATEGIES

V93.1

REPAIR STRATEGY	DISTANCE	PERCENT
RECONSTRUCTION	2.64 Miles	14.3 %
REHABILITATION	3.46 Miles	18.7 %
PREVENTATIVE	2.48 Miles	13.4 %
ROUTINE MAINT	3.27 Miles	17.7 %
NONE REQUIRED	6.61 Miles	35.8 %
<b>TOTAL</b>	<b>18.45 Miles</b>	
Network Condition Rating	68.4 %	

PAVED ROADS  
DISTANCE / STRATEGY

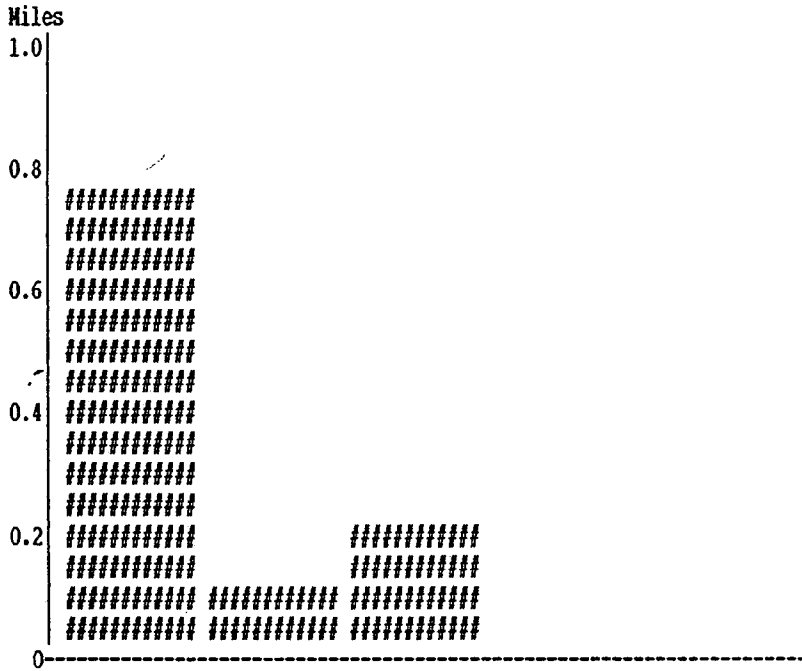


Reconstruct	Rehab.	Prevent	Routine	None Req'd
14.3 %	18.7 %	13.4 %	17.7 %	35.8 %
2.6 Mi.	3.5 Mi.	2.5 Mi.	3.3 Mi.	6.6 Mi.

ROAD SURFACE MANAGEMENT SYSTEM  
UNPAVED ROADS - SUMMARY OF REPAIR STRATEGIES

REPAIR STRATEGY	DISTANCE	PERCENT
RECONSTRUCTION	0.73 Miles	74.0 %
REHABILITATION	0.09 Miles	9.0 %
PREVENTATIVE	0.17 Miles	17.0 %
ROUTINE MAINT	0.00 Miles	0.0 %
NONE REQUIRED	0.00 Miles	0.0 %
=====	=====	=====
TOTAL	0.98 Miles	
Network Condition Rating	28.6 %	

UNPAVED ROADS  
DISTANCE / STRATEGY



Reconstruct	Rehab.	Prevent	Routine	None Req'd
74.0 %	9.0 %	17.0 %	0.0 %	0.0 %
0.7 Mi.	0.1 Mi.	0.2 Mi.	0.0 Mi.	0.0 Mi.

**REPORT B - REPAIR SUMMARY - GENERAL STRATEGIES**  
**(PAVED AND UNPAVED ROADS)**

Report B represents the analysis of the road condition survey with recommended general repair strategies having been selected from a set of decision tables programmed in RSMS. The repair strategies fall into seven categories: 1)Defer; 2) Cracks; 3) Patches; 4) Drainage; 5) Surface Coats 6) Overlays; and 7) Reconstruct. These seven repair categories are associated with surface distresses in the decision tables. For example, in the Longitudinal/Transverse Cracking table, a low severity and less than 10% extent points to the Seal Coats category. If it was high severity and greater than 30% extent the repair strategy is Thin Overlay. The decision tables for each of the surface distress characteristics are shown in the Appendix in the RSMS Manual.

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
FLEXIBLE PAVEMENT

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	DIRECTION OF TRAVEL FROM STREET	TO STREET	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	GENERAL STRATEGY	GENERAL REPAIR	COMMENTS
BALDWIN PLACE	000000-000				0.000	0.137	0.137	NONE REQ		
BIRCH DR	000000-000				0.000	0.032	0.032	RECONST	REBUILD	
BIRCH DR	000000-000				0.032	0.115	0.083	NONE REQ		
BRIMMER LN-1	000000-000				0.000	0.548	0.548	ROUTINE	CRACKS	
BROWN LN	000000-000				0.000	0.039	0.039	RECONST	REBUILD	DRAIN. POOR
BROWN LN	000000-000				0.039	0.194	0.155	ROUTINE	CRACKS	
BROWN RD	000000-000				0.000	1.757	1.757	REHAB	OVERLAY	DRAIN. POOR
CRANK RD	000000-000				0.000	0.170	0.170	PREVENT	SURFCOAT	DRAIN. POOR
CRANK RD	000000-000				0.170	0.307	0.137	ROUTINE	CRACKS	
CRANK RD	000000-000				0.307	0.355	0.048	RECONST	REBUILD	DRAIN. POOR
CRANK RD	000000-000				0.355	1.054	0.699	REHAB	OVERLAY	
CRESTVIEW AVE	000000-000				0.000	0.095	0.095	PREVENT	SURFCOAT	
CURTIS RD-2	000000-000				0.000	0.106	0.106	PREVENT	SURFCOAT	
CURTIS RD-2	000000-000				0.106	0.491	0.385	RECONST	REBUILD	
DEPOT RD-1	000000-000				0.000	0.647	0.647	REHAB	OVERLAY	
DODGE RD	000000-000				0.000	0.264	0.264	PREVENT	SURFCOAT	
DRINK WATER RD	000000-000				0.000	0.122	0.122	NONE REQ		DRAIN. POOR
DRINK WATER RD	000000-000				0.122	1.476	1.354	PREVENT	SURFCOAT	
DRINK WATER RD	000000-000				1.476	2.930	1.454	ROUTINE	CRACKS	
EVERGREEN RD	000000-000				0.000	0.341	0.341	NONE REQ		
FRYING PAN LN	000000-000				0.000	0.110	0.110	ROUTINE	CRACKS	
FRYING PAN LN	000000-000				0.110	0.193	0.083	NONE REQ		
FRYING PAN LN	000000-000				0.193	0.420	0.227	RECONST	REBUILD	
GLENWOOD DR	000000-000				0.000	0.237	0.237	ROUTINE	CRACKS	
GOODWIN RD	000000-000				0.000	0.174	0.174	RECONST	REBUILD	
GOODWIN RD	000000-000				0.174	0.383	0.209	NONE REQ		
GOODWIN RD	000000-000				0.383	0.525	0.142	REHAB	OVERLAY	
HILLCREST DRIVE	000000-000				0.000	0.214	0.214	NONE REQ		
JANVRIN AVE	000000-000				0.000	0.071	0.071	REHAB	OVERLAY	
KING ST	000000-000				0.000	0.557	0.557	NONE REQ		
MAPLE AVE	000000-000				0.000	0.066	0.066	PREVENT	SURFCOAT	DRAIN. POOR
MARTHA'S COURT	000000-000				0.000	0.289	0.289	NONE REQ		
MEADOW LANE	000000-000				0.000	0.202	0.202	ROUTINE	CRACKS	
MERRILL RD	000000-000				0.000	0.139	0.139	REHAB	OVERLAY	
MILL LANE	000000-000				0.000	0.691	0.691	NONE REQ		
NASON RD	000000-000				0.000	1.352	1.352	RECONST	REBUILD	
OAK DRIVE	000000-000				0.000	0.245	0.245	NONE REQ		DRAIN. POOR
OLD COACH LN	000000-000				0.000	0.605	0.605	NONE REQ		DRAIN. POOR
OLD STAGE ROAD	000000-000				0.000	0.102	0.102	ROUTINE	CRACKS	
OLD STAGE ROAD	000000-000				0.102	0.276	0.174	RECONST	REBUILD	DRAIN. POOR
OLD STAGE ROAD	000000-000				0.276	0.698	0.422	PREVENT	SURFCOAT	
ORCHARD DR	000000-000				0.000	0.182	0.182	NONE REQ		
PENHOLLOW LN	000000-000				0.000	0.142	0.142	NONE REQ		
PRESCOTT LANE	000000-000				0.000	0.469	0.469	NONE REQ		DRAIN. POOR
RIVER RD	000000-000				0.000	0.362	0.362	NONE REQ		
SANBORN RD	000000-000				0.440	0.605	0.165	ROUTINE	CRACKS	
SANBORN RD	000000-000				0.605	1.396	0.791	NONE REQ		

ROAD SURFACE MANAGEMENT SYSTEM  
 REPAIR SUMMARY - GENERAL STRATEGIES  
 FLEXIBLE PAVEMENT

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	DIRECTION OF TRAVEL		SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	GENERAL STRATÉGY	GENERAL REPAIR	GENERAL COMMENTS
STARD RD	000000-000				0.000	0.249	0.249	NONE REQ		
SURREY LANE	000000-000				0.000	0.177	0.177	NONE REQ		
TAYLOR RIVER RD	000000-000				0.000	0.224	0.224	NONE REQ		DRAIN. POOR
TOWLE FARM RD	000000-000				0.000	0.209	0.209	RECONST	REBUILD	
VICTORIA DRIVE	000000-000				0.000	0.439	0.439	NONE REQ		
WOODLAWN AVE	000000-000				0.000	0.157	0.157	ROUTINE	CRACKS	
*** Total Mileage ***							18.450			

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
UNPAVED ROADS

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	DIRECTION OF TRAVEL		SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR	COMMENTS
			FROM STREET	TO STREET					
BRIMMER LN-2	000000-000				0.560	0.648	0.088	REGRADE	FAIR DRAIN
CURTIS RD	000000-000				0.000	0.383	0.383	REBUILD	POOR DRAIN
DEPOT RD-2	000000-000				0.660	0.746	0.086	REBUILD	POOR DRAIN
PARSONAGE RD	000000-000				0.000	0.258	0.258	REBUILD	POOR DRAIN DUST CONTRO
TOPPAN LN	000000-000				0.000	0.167	0.167	RESHAPE	FAIR DRAIN
*** Total Mileage ***							0.982		

**REPORT C - SUMMARY OF PROJECTED REPAIRS (PAVED AND UNPAVED ROADS)**

Report C, Summary of Projected Repairs, is the specific fix within the recommended general repair strategies recommended in Report B for paved and unpaved roads. The general and specific repairs are based upon the information on repair techniques and costs which was provided by the Hampton Falls Road Agent. In some cases, the suggested repairs which originally appeared in the program were deleted if they were not maintenance techniques practiced by the town.

The last column in Report C is the total projected repair cost for the section or road. This figure is calculated by multiplying the length of the section or road times the number of feet in a mile times the width to get the total number of square feet. This figure is then multiplied by the dollars or cents per square foot. One exception for Hampton Falls is the repair labeled "Surfcoat" which, because Hampton Falls does not practice this maintenance technique, no cost could be provided. The program suggests this repair technique be utilized for this particular "fix."

ROAD SURFACE MANAGEMENT SYSTEM  
SUMMARY OF PROJECTED REPAIRS  
FLEXIBLE PAVEMENT

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Pt)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
BALDWIN PLACE	000000-000		0	0.000	0.137	0.137	NONE REQUIRED				
BIRCH DR	000000-000		0	0.000	0.032	0.032	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT. SQ.FT.			
BIRCH DR	000000-000		0	0.032	0.115	0.083	NONE REQUIRED				
BRIMMER LN-1	000000-000		0	0.000	0.548	0.548	FILL CRACKS	LN.FT.	5,787	0.50	2,893
BROWN LN	000000-000		0	0.000	0.039	0.039	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	SQ.FT. SQ.FT. LN.FT. LN.FT.			
									412	0.04	16
									412	0.04	16
BROWN LN	000000-000		0	0.039	0.194	0.155	FILL CRACKS	LN.FT.	1,637	0.50	818
BROWN RD	000000-000		0	0.000	1.757	1.757	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH) *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	SQ.FT. SQ.FT. SQ.FT. LN.FT. LN.FT.			
									18,554	0.04	742
									18,554	0.04	742
CRANK RD	000000-000		0	0.000	0.170	0.170	SURFCOAT				
CRANK RD	000000-000		0	0.170	0.307	0.137	FILL CRACKS	LN.FT.	723	0.50	362
CRANK RD	000000-000		0	0.307	0.355	0.048	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	SQ.FT. SQ.FT. LN.FT. LN.FT.			
									507	0.04	20
									507	0.04	20
CRANK RD	000000-000		0	0.355	1.054	0.699	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)	SQ.FT. SQ.FT. SQ.FT.			
CRESTVIEW AVE	000000-000		0	0.000	0.095	0.095	SURFCOAT				
CURTIS RD-2	000000-000		0	0.000	0.106	0.106	SURFCOAT				
CURTIS RD-2	000000-000		0	0.106	0.491	0.385	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT. SQ.FT.			
DEPOT RD-1	000000-000		0	0.000	0.647	0.647	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)	SQ.FT. SQ.FT. SQ.FT.			



ROAD SURFACE MANAGEMENT SYSTEM  
SUMMARY OF PROJECTED REPAIRS  
FLEXIBLE PAVEMENT

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
DODGE RD	000000-000		0	0.000	0.264	0.264	SURFCOAT				
DRINK WATER RD	000000-000		0	0.000	0.122	0.122	Drainage Work Required				
							*GRADE SHOULDERS AND DITCHES	LN.FT.	1,288	0.04	52
							*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	1,288	0.04	52
DRINK WATER RD	000000-000		0	0.122	1.476	1.354	SURFCOAT				
DRINK WATER RD	000000-000		0	1.476	2.930	1.454	FILL CRACKS	LN.FT.	15,354	0.50	7,677
EVERGREEN RD	000000-000		0	0.000	0.341	0.341	NONE REQUIRED				
FRYING PAN LN	000000-000		0	0.000	0.110	0.110	FILL CRACKS	LN.FT.	1,162	0.50	581
FRYING PAN LN	000000-000		0	0.110	0.193	0.083	NONE REQUIRED				
FRYING PAN LN	000000-000		0	0.193	0.420	0.227	REVERT TO GRAVEL	SQ.FT.			
							RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.			
GLENWOOD DR	000000-000		0	0.000	0.237	0.237	FILL CRACKS	LN.FT.	2,503	0.50	1,251
GOODWIN RD	000000-000		0	0.000	0.174	0.174	REVERT TO GRAVEL	SQ.FT.			
							RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.			
GOODWIN RD	000000-000		0	0.174	0.383	0.209	NONE REQUIRED				
GOODWIN RD	000000-000		0	0.383	0.525	0.142	THIN OVERLAY ( 1 INCH)	SQ.FT.			
							HOT MIX SHIM COAT (LEVELING)	SQ.FT.			
							THICK HOT OVERLAY (2 INCH)	SQ.FT.			
HILLCREST DRIVE	000000-000		0	0.000	0.214	0.214	NONE REQUIRED				
JANVRIN AVE	000000-000		0	0.000	0.071	0.071	THIN OVERLAY ( 1 INCH)	SQ.FT.			
							HOT MIX SHIM COAT (LEVELING)	SQ.FT.			
							THICK HOT OVERLAY (2 INCH)	SQ.FT.			
KING ST	000000-000		0	0.000	0.557	0.557	NONE REQUIRED				
MAPLE AVE	000000-000		0	0.000	0.066	0.066	SURFCOAT				
MARTHA'S COURT	000000-000		0	0.000	0.289	0.289	NONE REQUIRED				
MEADOW LANE	000000-000		0	0.000	0.202	0.202	FILL CRACKS	LN.FT.	1,067	0.50	533
MERRILL RD	000000-000		0	0.000	0.139	0.139	THIN OVERLAY ( 1 INCH)	SQ.FT.			
							HOT MIX SHIM COAT (LEVELING)	SQ.FT.			

ROAD SURFACE MANAGEMENT SYSTEM  
SUMMARY OF PROJECTED REPAIRS  
FLEXIBLE PAVEMENT

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
MERRILL RD	000000-000	0	0.000	0.139	0.139		THICK HOT OVERLAY (2 INCH)	SQ.FT.			
MILL LANE	000000-000	0	0.000	0.691	0.691		NONE REQUIRED				
NASON RD	000000-000	0	0.000	1.352	1.352		REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT. SQ.FT.			
OAK DRIVE	000000-000	0	0.000	0.245	0.245		Drainage Work Required *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	LN.FT. LN.FT.	2,587 2,587	0.04 0.04	103 103
OLD COACH LN	000000-000	0	0.000	0.605	0.605		Drainage Work Required *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	LN.FT. LN.FT.	6,389 6,389	0.04 0.04	256 256
OLD STAGE ROAD	000000-000	0	0.000	0.102	0.102		FILL CRACKS	LN.FT.	539	0.50	269
OLD STAGE ROAD	000000-000	0	0.102	0.276	0.174		REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	SQ.FT. SQ.FT. LN.FT. LN.FT.			73 73
OLD STAGE ROAD	000000-000	0	0.276	0.698	0.422		SURFCOAT				
ORCHARD DR	000000-000	0	0.000	0.182	0.182		NONE REQUIRED				
PENHOLLOW LN	000000-000	0	0.000	0.142	0.142		NONE REQUIRED				
PRESCOTT LANE	000000-000	0	0.000	0.469	0.469		Drainage Work Required *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	LN.FT. LN.FT.	4,953 4,953	0.04 0.04	198 198
RIVER RD	000000-000	0	0.000	0.362	0.362		NONE REQUIRED				
SANBORN RD	000000-000	0	0.440	0.605	0.165		FILL CRACKS	LN.FT.	871	0.50	436
SANBORN RD	000000-000	0	0.605	1.396	0.791		NONE REQUIRED				
STARD RD	000000-000	0	0.000	0.249	0.249		NONE REQUIRED				
SURREY LANE	000000-000	0	0.000	0.177	0.177		NONE REQUIRED				
TAYLOR RIVER RD	000000-000	0	0.000	0.224	0.224		Drainage Work Required *GRADE SHOULDERS AND DITCHES *CLEAN GUTTERS/DITCHES W GRADER	LN.FT. LN.FT.	2,365 2,365	0.04 0.04	95 95

ROAD SURFACE MANAGEMENT SYSTEM  
 SUMMARY OF PROJECTED REPAIRS  
 FLEXIBLE PAVEMENT

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
TOWLE FARM RD	000000-000	0	0.000	0.209	0.209	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT. SQ.FT.				
VICTORIA DRIVE	000000-000	0	0.000	0.439	0.439	NONE REQUIRED					
WOODLAWN AVE	000000-000	0	0.000	0.157	0.157	FILL CRACKS	LN.FT.	1,658	0.50	829	

ROAD SURFACE MANAGEMENT SYSTEM  
 SUMMARY OF PROJECTED REPAIRS  
 UNPAVED ROADS

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH	SECT START (Pt)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
BRIMMER LN-2	000000-000	0	0.560	0.648	0.088	REGRADE	SQ.YD.				
CURTIS RD	000000-000	0	0.000	0.383	0.383	POOR DRAIN					
DEPOT RD-2	000000-000	0	0.660	0.746	0.086	POOR DRAIN					
PARSONAGE RD	000000-000	0	0.000	0.258	0.258	POOR DRAIN					
TOPPAN LN	000000-000	0	0.000	0.167	0.167	RESHAPE (DRAGGING OR BLADING)	SQ.YD.				

**REPORT D - SUMMARY OF PROJECTED REPAIRS (PAVED AND UNPAVED ROADS) -**  
**MAINTENANCE SELECTION BASED UPON MAXIMUM DURATION IMPROVEMENT**

The information contained in this report reflect recommended repairs based on the maximum duration of the improvement, regardless of cost. Therefore, if the Town chooses to spend more on the projected repair, the improvement will last longer than a less expensive repair strategy.

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

Maintenance Selection Based Upon Maximum Duration Improvement

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
BALDWIN PLACE	000000-000	24	0.000	0.137	0.137	NONE REQUIRED					
BIRCH DR	000000-000	24	0.000	0.032	0.032	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	4,055	0.56	2,271	
BIRCH DR	000000-000	24	0.032	0.115	0.083	NONE REQUIRED					
BRIMMER LN-1	000000-000	14	0.000	0.548	0.548	FILL CRACKS	LN.FT.	5,787	0.50	2,893	
BROWN LN	000000-000	22	0.000	0.039	0.039	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	4,530	0.56	2,537	
						*GRADE SHOULDERS AND DITCHES	LN.FT.	412	0.04	16	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	412	0.04	16	
BROWN LN	000000-000	18	0.039	0.194	0.155	FILL CRACKS	LN.FT.	1,637	0.50	818	
BROWN RD	000000-000	22	0.000	1.757	1.757	THICK HOT OVERLAY (2 INCH)	SQ.FT.	204,093	0.40	81,637	
						*GRADE SHOULDERS AND DITCHES	LN.FT.	18,554	0.04	742	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	18,554	0.04	742	
CRANK RD	000000-000	22	0.000	0.170	0.170	SURFCOAT					
CRANK RD	000000-000	22	0.170	0.307	0.137	FILL CRACKS	LN.FT.	723	0.50	362	
CRANK RD	000000-000	22	0.307	0.355	0.048	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	5,576	0.56	3,122	
						*GRADE SHOULDERS AND DITCHES	LN.FT.	507	0.04	20	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	507	0.04	20	
CRANK RD	000000-000	22	0.355	1.054	0.699	THICK HOT OVERLAY (2 INCH)	SQ.FT.	81,196	0.40	32,478	
CRESTVIEW AVE	000000-000	20	0.000	0.095	0.095	SURFCOAT					
CURTIS RD-2	000000-000	20	0.000	0.106	0.106	SURFCOAT					
CURTIS RD-2	000000-000	22	0.106	0.491	0.385	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	44,722	0.56	25,044	
DEPOT RD-1	000000-000	20	0.000	0.647	0.647	THICK HOT OVERLAY (2 INCH)	SQ.FT.	68,323	0.40	27,329	
DODGE RD	000000-000	22	0.000	0.264	0.264	SURFCOAT					
DRINK WATER RD	000000-000	20	0.000	0.122	0.122	Drainage Work Required					
						*GRADE SHOULDERS AND DITCHES	LN.FT.	1,288	0.04	52	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	1,288	0.04	52	
DRINK WATER RD	000000-000	20	0.122	1.476	1.354	SURFCOAT					
DRINK WATER RD	000000-000	20	1.476	2.930	1.454	FILL CRACKS	LN.FT.	15,354	0.50	7,677	

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

Maintenance Selection Based Upon Maximum Duration Improvement

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH	SECT START (Pt)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
EVERGREEN RD	000000-000	20	0.000	0.341	0.341	NONE REQUIRED					
FRYING PAN LN	000000-000	18	0.000	0.110	0.110	FILL CRACKS	LN.FT.	1,162	0.50	581	
FRYING PAN LN	000000-000	18	0.110	0.193	0.083	NONE REQUIRED					
FRYING PAN LN	000000-000	22	0.193	0.420	0.227	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	26,368	0.56	14,766	
GLENWOOD DR	000000-000	22	0.000	0.237	0.237	FILL CRACKS	LN.FT.	2,503	0.50	1,251	
GOODWIN RD	000000-000	22	0.000	0.174	0.174	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	20,212	0.56	11,319	
GOODWIN RD	000000-000	20	0.174	0.383	0.209	NONE REQUIRED					
GOODWIN RD	000000-000	20	0.383	0.525	0.142	THICK HOT OVERLAY (2 INCH)	SQ.FT.	14,995	0.40	5,998	
HILLCREST DRIVE	000000-000	20	0.000	0.214	0.214	NONE REQUIRED					
JANVRIN AVE	000000-000	22	0.000	0.071	0.071	THICK HOT OVERLAY (2 INCH)	SQ.FT.	8,247	0.40	3,299	
KING ST	000000-000	18	0.000	0.557	0.557	NONE REQUIRED					
MAPLE AVE	000000-000	20	0.000	0.066	0.066	SURFCOAT					
MARTHA'S COURT	000000-000	24	0.000	0.289	0.289	NONE REQUIRED					
MEADOW LANE	000000-000	20	0.000	0.202	0.202	FILL CRACKS	LN.FT.	1,067	0.50	533	
HERRILL RD	000000-000	20	0.000	0.139	0.139	THICK HOT OVERLAY (2 INCH)	SQ.FT.	14,678	0.40	5,871	
HILL LANE	000000-000	20	0.000	0.691	0.691	NONE REQUIRED					
NASON RD	000000-000	22	0.000	1.352	1.352	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	157,048	0.56	87,947	
OAK DRIVE	000000-000	24	0.000	0.245	0.245	Drainage Work Required					
						*GRADE SHOULDERS AND DITCHES	LN.FT.	2,587	0.04	103	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	2,587	0.04	103	
OLD COACH LN	000000-000	20	0.000	0.605	0.605	Drainage Work Required					
						*GRADE SHOULDERS AND DITCHES	LN.FT.	6,389	0.04	256	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	6,389	0.04	256	
OLD STAGE ROAD	000000-000	20	0.000	0.102	0.102	FILL CRACKS	LN.FT.	539	0.50	269	
OLD STAGE ROAD	000000-000	22	0.102	0.276	0.174	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	20,212	0.56	11,319	
						*GRADE SHOULDERS AND DITCHES	LN.FT.	1,837	0.04	73	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	1,837	0.04	73	

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

Maintenance Selection Based Upon Maximum Duration Improvement

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
OLD STAGE ROAD	000000-000		20	0.276	0.698	0.422	SURFCOAT				
ORCHARD DR	000000-000		24	0.000	0.182	0.182	NONE REQUIRED				
PENHOLLOW LN	000000-000		22	0.000	0.142	0.142	NONE REQUIRED				
PRESCOTT LANE	000000-000		20	0.000	0.469	0.469	Drainage Work Required				
							*GRADE SHOULDERS AND DITCHES	LN.FT.	4,953	0.04	198
							*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	4,953	0.04	198
RIVER RD	000000-000		20	0.000	0.362	0.362	NONE REQUIRED				
SANBORN RD	000000-000		20	0.440	0.605	0.165	FILL CRACKS	LN.FT.	871	0.50	436
SANBORN RD	000000-000		20	0.605	1.396	0.791	NONE REQUIRED				
STARD RD	000000-000		20	0.000	0.249	0.249	NONE REQUIRED				
SURREY LANE	000000-000		20	0.000	0.177	0.177	NONE REQUIRED				
TAYLOR RIVER RD	000000-000		22	0.000	0.224	0.224	Drainage Work Required				
							*GRADE SHOULDERS AND DITCHES	LN.FT.	2,365	0.04	95
							*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	2,365	0.04	95
TOWLE FARM RD	000000-000		22	0.000	0.209	0.209	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	24,277	0.56	13,595
VICTORIA DRIVE	000000-000		24	0.000	0.439	0.439	NONE REQUIRED				
WOODLAWN AVE	000000-000		22	0.000	0.157	0.157	FILL CRACKS	LN.FT.	1,658	0.50	829
*** Total Estimated Repair Cost =											347,295



ROAD SURFACE MANAGEMENT SYSTEM  
 REPAIR SUMMARY - GENERAL STRATEGIES  
 SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

Maintenance Selection Based Upon Maximum Duration Improvement

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
BRIMMER LN-2	000000-000	12	0.560	0.648	0.088	REGRADE	SQ.YD.	620	0.08	50	
CURTIS RD	000000-000	0	0.000	0.383	0.383	POOR DRAIN					
DEPOT RD-2	000000-000	20	0.660	0.746	0.086	POOR DRAIN					
PARSONAGE RD	000000-000	20	0.000	0.258	0.258	POOR DRAIN					
TOPPAN LN	000000-000	18	0.000	0.167	0.167	RESHAPE (DRAGGING OR BLADING)	SQ.YD.	1,764	0.04	71	

\*\*\* Total Estimated Repair Cost = 120

**REPORT E - SUMMARY OF PROJECTED REPAIRS (PAVED AND UNPAVED ROADS) -**  
**MAINTENANCE SELECTION BASED UPON DURATION/COST RATIO**

The information contained in this report, in contrast to Report D represents lower cost repairs for a lower life of the improvement.

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
SUMMARY OF PROJECTED REPAIRS  
Maintenance Selection Based Upon Duration/Cost Ratio

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
BALDWIN PLACE	000000-000		24	0.000	0.137	0.137	NONE REQUIRED				
BIRCH DR	000000-000		24	0.000	0.032	0.032	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	4,055	0.56	2,271
BIRCH DR	000000-000		24	0.032	0.115	0.083	NONE REQUIRED				
BRIMMER LN-1	000000-000		14	0.000	0.548	0.548	FILL CRACKS	LN.FT.	5,787	0.50	2,893
BROWN LN	000000-000		22	0.000	0.039	0.039	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	4,530	0.56	2,537
						*GRADE SHOULDERS AND DITCHES	LN.FT.	412	0.04	16	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	412	0.04	16	
BROWN LN	000000-000		18	0.039	0.194	0.155	FILL CRACKS	LN.FT.	1,637	0.50	818
BROWN RD	000000-000		22	0.000	1.757	1.757	THIN OVERLAY ( 1 INCH)	SQ.FT.	204,093	0.20	40,819
						*GRADE SHOULDERS AND DITCHES	LN.FT.	18,554	0.04	742	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	18,554	0.04	742	
CRANK RD	000000-000		22	0.000	0.170	0.170	SURFCOAT				
CRANK RD	000000-000		22	0.170	0.307	0.137	FILL CRACKS	LN.FT.	723	0.50	362
CRANK RD	000000-000		22	0.307	0.355	0.048	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	5,576	0.56	3,122
						*GRADE SHOULDERS AND DITCHES	LN.FT.	507	0.04	20	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	507	0.04	20	
CRANK RD	000000-000		22	0.355	1.054	0.699	THIN OVERLAY ( 1 INCH)	SQ.FT.	81,196	0.20	16,239
CRESTVIEW AVE	000000-000		20	0.000	0.095	0.095	SURFCOAT				
CURTIS RD-2	000000-000		20	0.000	0.106	0.106	SURFCOAT				
CURTIS RD-2	000000-000		22	0.106	0.491	0.385	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	44,722	0.56	25,044
DEPOT RD-1	000000-000		20	0.000	0.647	0.647	THIN OVERLAY ( 1 INCH)	SQ.FT.	68,323	0.20	13,665
DODGE RD	000000-000		22	0.000	0.264	0.264	SURFCOAT				
DRINK WATER RD	000000-000		20	0.000	0.122	0.122	Drainage Work Required				
						*GRADE SHOULDERS AND DITCHES	LN.FT.	1,288	0.04	52	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	1,288	0.04	52	
DRINK WATER RD	000000-000		20	0.122	1.476	1.354	SURFCOAT				
DRINK WATER RD	000000-000		20	1.476	2.930	1.454	FILL CRACKS	LN.FT.	15,354	0.50	7,677

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

Maintenance Selection Based Upon Duration/Cost Ratio

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
EVERGREEN RD	000000-000		20	0.000	0.341	0.341	NONE REQUIRED				
FRYING PAN LN	000000-000		18	0.000	0.110	0.110	FILL CRACKS	LN.FT.	1,162	0.50	581
FRYING PAN LN	000000-000		18	0.110	0.193	0.083	NONE REQUIRED				
FRYING PAN LN	000000-000		22	0.193	0.420	0.227	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	26,368	0.56	14,766
GLENWOOD DR	000000-000		22	0.000	0.237	0.237	FILL CRACKS	LN.FT.	2,503	0.50	1,251
GOODWIN RD	000000-000		22	0.000	0.174	0.174	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	20,212	0.56	11,319
GOODWIN RD	000000-000		20	0.174	0.383	0.209	NONE REQUIRED				
GOODWIN RD	000000-000		20	0.383	0.525	0.142	THIN OVERLAY ( 1 INCH)	SQ.FT.	14,995	0.20	2,999
HILLCREST DRIVE	000000-000		20	0.000	0.214	0.214	NONE REQUIRED				
JANVRIN AVE	000000-000		22	0.000	0.071	0.071	THIN OVERLAY ( 1 INCH)	SQ.FT.	8,247	0.20	1,649
KING ST	000000-000		18	0.000	0.557	0.557	NONE REQUIRED				
MAPLE AVE	000000-000		20	0.000	0.066	0.066	SURFCOAT				
MARTHA'S COURT	000000-000		24	0.000	0.289	0.289	NONE REQUIRED				
MEADOW LANE	000000-000		20	0.000	0.202	0.202	FILL CRACKS	LN.FT.	1,067	0.50	533
MERRILL RD	000000-000		20	0.000	0.139	0.139	THIN OVERLAY ( 1 INCH)	SQ.FT.	14,678	0.20	2,936
HILL LANE	000000-000		20	0.000	0.691	0.691	NONE REQUIRED				
NASON RD	000000-000		22	0.000	1.352	1.352	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	157,048	0.56	87,947
OAK DRIVE	000000-000		24	0.000	0.245	0.245	Drainage Work Required				
						*GRADE SHOULDERS AND DITCHES	LN.FT.	2,587	0.04	103	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	2,587	0.04	103	
OLD COACH LN	000000-000		20	0.000	0.605	0.605	Drainage Work Required				
						*GRADE SHOULDERS AND DITCHES	LN.FT.	6,389	0.04	256	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	6,389	0.04	256	
OLD STAGE ROAD	000000-000		20	0.000	0.102	0.102	FILL CRACKS	LN.FT.	539	0.50	269
OLD STAGE ROAD	000000-000		22	0.102	0.276	0.174	RECL'M'R RECY W 2" HOT SURF MIX	SQ.FT.	20,212	0.56	11,319
						*GRADE SHOULDERS AND DITCHES	LN.FT.	1,837	0.04	73	
						*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	1,837	0.04	73	

ROAD SURFACE MANAGEMENT SYSTEM  
 REPAIR SUMMARY - GENERAL STRATEGIES  
 SUMMARY OF PROJECTED REPAIRS  
 Maintenance Selection Based Upon Duration/Cost Ratio

Date: 07/02/93

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
OLD STAGE ROAD	000000-000		20	0.276	0.698	0.422	SURFCOAT				
ORCHARD DR	000000-000		24	0.000	0.182	0.182	NONE REQUIRED				
PENHOLLOW LN	000000-000		22	0.000	0.142	0.142	NONE REQUIRED				
PRESCOTT LANE	000000-000		20	0.000	0.469	0.469	Drainage Work Required				
							*GRADE SHOULDERS AND DITCHES	LN.FT.	4,953	0.04	198
							*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	4,953	0.04	198
RIVER RD	000000-000		20	0.000	0.362	0.362	NONE REQUIRED				
SANBORN RD	000000-000		20	0.440	0.605	0.165	FILL CRACKS	LN.FT.	871	0.50	436
SANBORN RD	000000-000		20	0.605	1.396	0.791	NONE REQUIRED				
STARD RD	000000-000		20	0.000	0.249	0.249	NONE REQUIRED				
SURREY LANE	000000-000		20	0.000	0.177	0.177	NONE REQUIRED				
TAYLOR RIVER RD	000000-000		22	0.000	0.224	0.224	Drainage Work Required				
							*GRADE SHOULDERS AND DITCHES	LN.FT.	2,365	0.04	95
							*CLEAN GUTTERS/DITCHES W GRADER	LN.FT.	2,365	0.04	95
TOWLE FARM RD	000000-000		22	0.000	0.209	0.209	RECL'W'R RECY W 2" HOT SURF MIX	SQ.FT.	24,277	0.56	13,595
VICTORIA DRIVE	000000-000		24	0.000	0.439	0.439	NONE REQUIRED				
WOODLAWN AVE	000000-000		22	0.000	0.157	0.157	FILL CRACKS	LN.FT.	1,658	0.50	829

\*\*\* Total Estimated Repair Cost = 268,988

ROAD SURFACE MANAGEMENT SYSTEM  
REPAIR SUMMARY - GENERAL STRATEGIES  
SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

Maintenance Selection Based Upon Duration/Cost Ratio

ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST. REPAIR COST
BRIMMER LN-2	000000-000		12	0.560	0.648	0.088	REGRADE	SQ.YD.	620	0.08	50
CURTIS RD	000000-000		0	0.000	0.383	0.383	POOR DRAIN				
DEPOT RD-2	000000-000		20	0.660	0.746	0.086	POOR DRAIN				
PARSONAGE RD	000000-000		20	0.000	0.258	0.258	POOR DRAIN				
TOPPAN LN	000000-000		18	0.000	0.167	0.167	RESHAPE (DRAGGING OR BLADING)	SQ.YD.	1,764	0.04	71

\*\*\* Total Estimated Repair Cost =

120

**REPORT F - PRIORITIZED LISTING OF REPAIR SUMMARY**  
**(PAVED AND UNPAVED ROADS)**

Report F presents general categories of the prioritized projected road repairs. The report was developed by prioritizing the information contained in Reports B and C based upon the following factors: Traffic Volume Group, which accounts for 33% to 99% of the prioritization value. Road Surface Roughness, which accounts for 1% to 66% of the prioritization value. The Road Condition, (represented by the projected required repair category) accounts for the remaining 0% to 33%. The total of these three factors is normalized to 100%. In the case of Hampton Falls, RPC selected the following ratio for each of these factors:

Traffic Volume Group -- 20%  
Road Surface Roughness -- 30%  
Road Condition -- 50%

This weighting criteria was selected based upon the RPC's staff judgement, however variations of this can also be run. However, RPC selected these factors because they represent the most realistic approach to road repairs in Hampton Falls. It should be noted that the blank spaces after some of roads indicate "no fix required."

ROAD SURFACE MANAGEMENT SYSTEM  
PAVED ROADS - PRIORITIZED LISTING

Date: 07/02/93

## REPAIR SUMMARY

WEIGHTING FACTORS - TRAFFIC = 20 %    ROUGHNESS = 30 %    ROAD CONDITION = 50 %

RANK ROAD NAME	INVEN NUMBER	MAINT DIV.	DIRECTION OF TRAVEL		V L	R H	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	GENERAL REPAIR	COMMENTS
			FROM STREET	TO STREET							
1 OLD STAGE ROAD	000000-000				L?	P	0.102	0.276	0.174	REBUILD	DRAIN. POOR
2 BROWN LN	000000-000				L?	P	0.000	0.039	0.039	REBUILD	DRAIN. POOR
3 CRANK RD	000000-000				L?	G	0.307	0.355	0.048	REBUILD	DRAIN. POOR
4 BROWN RD	000000-000				L?	G	0.000	1.757	1.757	OVERLAY	DRAIN. POOR
5 CRANK RD	000000-000				L?	G	0.000	0.170	0.170	SURFCOAT	DRAIN. POOR
6 MAPLE AVE	000000-000				L?	G	0.000	0.066	0.066	SURFCOAT	DRAIN. POOR
7 TAYLOR RIVER RD	000000-000				L?	G	0.000	0.224	0.224	NONE REQD	DRAIN. POOR
8 PRESCOTT LANE	000000-000				L?	G	0.000	0.469	0.469	NONE REQD	DRAIN. POOR
9 DRINK WATER RD	000000-000				L?	G	0.000	0.122	0.122	NONE REQD	DRAIN. POOR
10 OAK DRIVE	000000-000				L?	G	0.000	0.245	0.245	NONE REQD	DRAIN. POOR
11 OLD COACH LN	000000-000				L?	G	0.000	0.605	0.605	NONE REQD	DRAIN. POOR
12 FRYING PAN LN	000000-000				L?	F	0.193	0.420	0.227	REBUILD	
13 CURTIS RD-2	000000-000				L?	F	0.106	0.491	0.385	REBUILD	
14 TOWLE FARM RD	000000-000				L?	G	0.000	0.209	0.209	REBUILD	
15 NASON RD	000000-000				L?	G	0.000	1.352	1.352	REBUILD	
16 BIRCH DR	000000-000				L?	G	0.000	0.032	0.032	REBUILD	
17 GOODWIN RD	000000-000				L?	G	0.000	0.174	0.174	REBUILD	
18 MERRILL RD	000000-000				L?	F	0.000	0.139	0.139	OVERLAY	
19 OLD STAGE ROAD	000000-000				L?	F	0.276	0.698	0.422	SURFCOAT	
20 CRANK RD	000000-000				L?	G	0.355	1.054	0.699	OVERLAY	
21 GOODWIN RD	000000-000				L?	G	0.383	0.525	0.142	OVERLAY	
22 JANVRIN AVE	000000-000				L?	G	0.000	0.071	0.071	OVERLAY	
23 DEPOT RD-1	000000-000				L?	G	0.000	0.647	0.647	OVERLAY	
24 CURTIS RD-2	000000-000				L?	G	0.000	0.106	0.106	SURFCOAT	
25 DRINK WATER RD	000000-000				L?	G	0.122	1.476	1.354	SURFCOAT	
26 DODGE RD	000000-000				L?	G	0.000	0.264	0.264	SURFCOAT	
27 CRESTVIEW AVE	000000-000				L?	G	0.000	0.095	0.095	SURFCOAT	
28 SANBORN RD	000000-000				L?	G	0.440	0.605	0.165	CRACKS	
29 FRYING PAN LN	000000-000				L?	G	0.000	0.110	0.110	CRACKS	
30 DRINK WATER RD	000000-000				L?	G	1.476	2.930	1.454	CRACKS	
31 OLD STAGE ROAD	000000-000				L?	G	0.000	0.102	0.102	CRACKS	
32 CRANK RD	000000-000				L?	G	0.170	0.307	0.137	CRACKS	
33 BRIMMER LN-1	000000-000				L?	G	0.000	0.548	0.548	CRACKS	
34 GLENWOOD DR	000000-000				L?	G	0.000	0.237	0.237	CRACKS	
35 WOODLAWN AVE	000000-000				L?	G	0.000	0.157	0.157	CRACKS	
36 BROWN LN	000000-000				L?	G	0.039	0.194	0.155	CRACKS	
37 MEADOW LANE	000000-000				L?	G	0.000	0.202	0.202	CRACKS	
38 VICTORIA DRIVE	000000-000				L?	G	0.000	0.439	0.439	NONE REQD	
39 SANBORN RD	000000-000				L?	G	0.605	1.396	0.791	NONE REQD	
40 FRYING PAN LN	000000-000				L?	G	0.110	0.193	0.083	NONE REQD	
41 BALDWIN PLACE	000000-000				L?	G	0.000	0.137	0.137	NONE REQD	
42 PENHOLLOW LN	000000-000				L?	G	0.000	0.142	0.142	NONE REQD	
43 KING ST	000000-000				L?	G	0.000	0.557	0.557	NONE REQD	
44 SURREY LANE	000000-000				L?	G	0.000	0.177	0.177	NONE REQD	
45 EVERGREEN RD	000000-000				L?	G	0.000	0.341	0.341	NONE REQD	
46 ORCHARD DR	000000-000				L?	G	0.000	0.182	0.182	NONE REQD	
47 RIVER RD	000000-000				L?	G	0.000	0.362	0.362	NONE REQD	



ROAD SURFACE MANAGEMENT SYSTEM  
PAVED ROADS - PRIORITIZED LISTING

REPAIR SUMMARY

WEIGHTING FACTORS - TRAFFIC = 20 %      ROUGHNESS = 30 %      ROAD CONDITION = 50 %

RANK ROAD NAME	INVEN NUMBER	MAINT DIV.	DIRECTION OF TRAVEL		V O L	R G H	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	GENERAL REPAIR	COMMENTS
48 MARTHA'S COURT	000000-000				L?	G	0.000	0.289	0.289	NONE REQD	
49 HILLCREST DRIVE	000000-000				L?	G	0.000	0.214	0.214	NONE REQD	
50 BIRCH DR	000000-000				L?	G	0.032	0.115	0.083	NONE REQD	
51 GOODWIN RD	000000-000				L?	G	0.174	0.383	0.209	NONE REQD	
52 MILL LANE	000000-000				L?	G	0.000	0.691	0.691	NONE REQD	
53 STARD RD	000000-000				L?	G	0.000	0.249	0.249	NONE REQD	
*** Total Mileage ***									18.450		

**REPORT G - PRIORITIZED LISTING OF PROJECTED REPAIRS**

**(PAVED ROADS ONLY)**

Report G - Summary of Projected Repairs, is the specific fix within the recommended general repair strategies recommended in Report F for paved roads based upon the same prioritization weighting criteria selected for Report F. This information was unavailable for unpaved roads because the RSMS recommended repairs are not ones utilized by the Town of Hampton Falls.

ROAD SURFACE MANAGEMENT SYSTEM  
 PAVED ROADS - PRIORITIZED LISTING  
 SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

WEIGHTING FACTORS - TRAFFIC = 20 %    ROUGHNESS = 30 %    ROAD CONDITION = 50 %

RANK	ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST REPAIR COST
1	OLD STAGE ROAD	000000-000		0	0.102	0.276	0.174	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		1,837 1,837	0.04 0.04	73 73
2	BROWN LN	000000-000		0	0.000	0.039	0.039	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		412 412	0.04 0.04	16 16
3	CRANK RD	000000-000		0	0.307	0.355	0.048	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		507 507	0.04 0.04	20 20
4	BROWN RD	000000-000		0	0.000	1.757	1.757	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH) *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		18,554 18,554	0.04 0.04	742 742
5	CRANK RD	000000-000		0	0.000	0.170	0.170	SURFCOAT				
6	MAPLE AVE	000000-000		0	0.000	0.066	0.066	SURFCOAT				
7	TAYLOR RIVER RD	000000-000		0	0.000	0.224	0.224	Drainage Work Required *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		2,365 2,365	0.04 0.04	95 95
8	PRESCOTT LANE	000000-000		0	0.000	0.469	0.469	Drainage Work Required *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		4,953 4,953	0.04 0.04	198 198
9	DRINK WATER RD	000000-000		0	0.000	0.122	0.122	Drainage Work Required *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		1,288 1,288	0.04 0.04	52 52
10	OAK DRIVE	000000-000		0	0.000	0.245	0.245	Drainage Work Required *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		2,587 2,587	0.04 0.04	103 103
11	OLD COACH LN	000000-000		0	0.000	0.605	0.605	Drainage Work Required *GRADE SHOULDERS AND DITCHES LN.FT. *CLEAN GUTTERS/DITCHES W GRADER LN.FT.		6,389 6,389	0.04 0.04	256 256
12	FRYING PAN LN	000000-000		0	0.193	0.420	0.227	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI				

ROAD SURFACE MANAGEMENT SYSTEM  
PAVED ROADS - PRIORITIZED LISTING  
SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

WEIGHTING FACTORS - TRAFFIC = 20 %      ROUGHNESS = 30 %      ROAD CONDITION = 50 %

RANK	ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST REPAIR COST
13	CURTIS RD-2	000000-000		0	0.106	0.491	0.385	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI				
14	TOWLE FARM RD	000000-000		0	0.000	0.209	0.209	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI				
15	NASON RD	000000-000		0	0.000	1.352	1.352	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI				
16	BIRCH DR	000000-000		0	0.000	0.032	0.032	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI				
17	GOODWIN RD	000000-000		0	0.000	0.174	0.174	REVERT TO GRAVEL RECL'M'R RECY W 2" HOT SURF MI				
18	HERRILL RD	000000-000		0	0.000	0.139	0.139	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)				
19	OLD STAGE ROAD	000000-000		0	0.276	0.698	0.422	SURFCOAT				
20	CRANK RD	000000-000		0	0.355	1.054	0.699	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)				
21	GOODWIN RD	000000-000		0	0.383	0.525	0.142	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)				
22	JANVRIN AVE	000000-000		0	0.000	0.071	0.071	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)				
23	DEPOT RD-1	000000-000		0	0.000	0.647	0.647	THIN OVERLAY ( 1 INCH) HOT MIX SHIM COAT (LEVELING) THICK HOT OVERLAY (2 INCH)				
24	CURTIS RD-2	000000-000		0	0.000	0.106	0.106	SURFCOAT				
25	DRINK WATER RD	000000-000		0	0.122	1.476	1.354	SURFCOAT				
26	DODGE RD	000000-000		0	0.000	0.264	0.264	SURFCOAT				
27	CRESTVIEW AVE	000000-000		0	0.000	0.095	0.095	SURFCOAT				
28	SANBORN RD	000000-000		0	0.440	0.605	0.165	FILL CRACKS	LN.FT.	871	0.50	436

ROAD SURFACE MANAGEMENT SYSTEM  
 PAVED ROADS - PRIORITIZED LISTING  
 SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

WEIGHTING FACTORS - TRAFFIC = 20 %      ROUGHNESS = 30 %      ROAD CONDITION = 50 %

RANK	ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH (Ft)	SECT START (Mi.)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST REPAIR COST
29	FRYING PAN LN	000000-000		0	0.000	0.110	0.110	FILL CRACKS	LN.FT.	1,162	0.50	581
30	DRINK WATER RD	000000-000		0	1.476	2.930	1.454	FILL CRACKS	LN.FT.	15,354	0.50	7,677
31	OLD STAGE ROAD	000000-000		0	0.000	0.102	0.102	FILL CRACKS	LN.FT.	539	0.50	269
32	CRANK RD	000000-000		0	0.170	0.307	0.137	FILL CRACKS	LN.FT.	723	0.50	362
33	BRIMMER LN-1	000000-000		0	0.000	0.548	0.548	FILL CRACKS	LN.FT.	5,787	0.50	2,893
34	GLENWOOD DR	000000-000		0	0.000	0.237	0.237	FILL CRACKS	LN.FT.	2,503	0.50	1,251
35	WOODLAWN AVE	000000-000		0	0.000	0.157	0.157	FILL CRACKS	LN.FT.	1,658	0.50	829
36	BROWN LN	000000-000		0	0.039	0.194	0.155	FILL CRACKS	LN.FT.	1,637	0.50	818
37	MEADOW LANE	000000-000		0	0.000	0.202	0.202	FILL CRACKS	LN.FT.	1,067	0.50	533
38	VICTORIA DRIVE	000000-000		0	0.000	0.439	0.439	NONE REQUIRED				
39	SANBORN RD	000000-000		0	0.605	1.396	0.791	NONE REQUIRED				
40	FRYING PAN LN	000000-000		0	0.110	0.193	0.083	NONE REQUIRED				
41	BALDWIN PLACE	000000-000		0	0.000	0.137	0.137	NONE REQUIRED				
42	PENHOLLOW LN	000000-000		0	0.000	0.142	0.142	NONE REQUIRED				
43	KING ST	000000-000		0	0.000	0.557	0.557	NONE REQUIRED				
44	SURREY LANE	000000-000		0	0.000	0.177	0.177	NONE REQUIRED				
45	EVERGREEN RD	000000-000		0	0.000	0.341	0.341	NONE REQUIRED				
46	ORCHARD DR	000000-000		0	0.000	0.182	0.182	NONE REQUIRED				
47	RIVER RD	000000-000		0	0.000	0.362	0.362	NONE REQUIRED				
48	MARTHA'S COURT	000000-000		0	0.000	0.289	0.289	NONE REQUIRED				
49	HILLCREST DRIVE	000000-000		0	0.000	0.214	0.214	NONE REQUIRED				
50	BIRCH DR	000000-000		0	0.032	0.115	0.083	NONE REQUIRED				
51	GOODWIN RD	000000-000		0	0.174	0.383	0.209	NONE REQUIRED				
52	MILL LANE	000000-000		0	0.000	0.691	0.691	NONE REQUIRED				

ROAD SURFACE MANAGEMENT SYSTEM  
 PAVED ROADS - PRIORITIZED LISTING  
 SUMMARY OF PROJECTED REPAIRS

Date: 07/02/93

WEIGHTING FACTORS - TRAFFIC = 20 %      ROUGHNESS = 30 %      ROAD CONDITION = 50 %

RANK	ROAD NAME	INVEN NUMBER	MAINT DIV.	ROAD WTH	SECT START (Pt)	SECT END (Mi.)	SECT LENGTH (Mi.)	REPAIR STRATEGIES	UNITS	QUANTITY	COST PER UNIT	EST REPAIR COST
53	STARD RD	000000-000		0	0.000	0.249	0.249	NONE REQUIRED				

**APPENDIX I**

**HAMPTON FALL'S ROAD MAINTENANCE AND REPAIR STRATEGIES**

The following is information which was provided by the Hampton Falls Road Agent and reflects the road maintenance techniques practiced in Hampton Falls and the costs per unit associated with each of the fixes.

This report is for informational purposes but should be reviewed on a periodic basis to ensure the information remains accurate and current.

## ROAD SURFACE MANAGEMENT SYSTEM

## FLEXIBLE PAVEMENT

## MAINTENANCE AND REPAIR TECHNIQUES

DESCRIPTION	REPAIR	STRATEGY	UNITS	COST/ UNIT	INCREASE (MONTHS)
DEFER MAINTENANCE	NONE	DEFER	SQ.FT.	0.00	0
FILL CRACKS	CRACKS	ROUTINE	LN.FT.	0.50	36
GRADE SHOULDERS AND DITCHES	DRAINAGE	ROUTINE	LN.FT.	0.04	24
CLEAN GUTTERS/DITCHES W GRADER	DRAINAGE	ROUTINE	LN.FT.	0.04	12
COLD PATCH (NORMAL MIX)	PATCHING	ROUTINE	SQ.FT.	0.75	10
THIN OVERLAY ( 1 INCH)	OVERLAY	REHAB	SQ.FT.	0.20	72
HOT MIX SHIM COAT (LEVELING)	OVERLAY	REHAB	SQ.FT.	0.15	48
REVERT TO GRAVEL	REBUILD	RECONST	SQ.FT.	0.00	0
RECL'M'R RECY W 2" HOT SURF MIX	REBUILD	RECONST	SQ.FT.	0.56	144



## ROAD SURFACE MANAGEMENT SYSTEM

## FLEXIBLE PAVEMENT

## MAINTENANCE AND REPAIR TECHNIQUES

DESCRIPTION	REPAIR	STRATEGY	UNITS	COST/ UNIT	INCREASE (MONTHS)
FILL CRACKS	CRACKS	ROUTINE	LN.FT.	0.50	36
GRADE SHOULDERS AND DITCHES	DRAINAGE	ROUTINE	LN.FT.	0.04	24
CLEAN GUTTERS/DITCHES W GRADER	DRAINAGE	ROUTINE	LN.FT.	0.04	12
DEFER MAINTENANCE	NONE	DEFER	SQ.FT.	0.00	0
THIN OVERLAY ( 1 INCH)	OVERLAY	REHAB	SQ.FT.	0.20	72
HOT MIX SHIM COAT (LEVELING)	OVERLAY	REHAB	SQ.FT.	0.15	48
COLD PATCH (NORMAL MIX)	PATCHING	ROUTINE	SQ.FT.	0.75	10
REVERT TO GRAVEL	REBUILD	RECONST	SQ.FT.	0.00	0
RECL'M'R RECY W 2" HOT SURF MIX	REBUILD	RECONST	SQ.FT.	0.56	144

## ROAD SURFACE MANAGEMENT SYSTEM

## FLEXIBLE PAVEMENT

## MAINTENANCE AND REPAIR TECHNIQUES

DESCRIPTION	REPAIR	STRATEGY	UNITS	COST/ UNIT	INCREASE (MONTHS)
CLEAN GUTTERS/DITCHES W GRADER	DRAINAGE	ROUTINE	LN.FT.	0.04	12
COLD PATCH (NORMAL MIX)	PATCHING	ROUTINE	SQ.FT.	0.75	10
DEFER MAINTENANCE	NONE	DEFER	SQ.FT.	0.00	0
FILL CRACKS	CRACKS	ROUTINE	LN.FT.	0.50	36
GRADE SHOULDERS AND DITCHES	DRAINAGE	ROUTINE	LN.FT.	0.04	24
HOT MIX SHIM COAT (LEVELING)	OVERLAY	REHAB	SQ.FT.	0.15	48
RECL'M'R RECY W 2" HOT SURF MIX	REBUILD	RECONST	SQ.FT.	0.56	144
REVERT TO GRAVEL	REBUILD	RECONST	SQ.FT.	0.00	0
THIN OVERLAY ( 1 INCH)	OVERLAY	REHAB	SQ.FT.	0.20	72

## ROAD SURFACE MANAGEMENT SYSTEM

## UNPAVED ROADS

## MAINTENANCE AND REPAIR TECHNIQUES

DESCRIPTION	REPAIR	STRATEGY	UNITS	COST/ UNIT	INCREASE (MONTHS)
DEFER MAINTENANCE	NONE	DEFER	SQ.FT.	0.00	0
GRADE SHOULDERS AND DITCHES	DRAINAGE	ROUTINE	LN.FT.	0.04	12
CLEAN GUTTERS/DITCHES W GRADER	DRAINAGE	ROUTINE	LN.FT.	0.04	12
SPOT REGRAVEL	SPOTMATL	ROUTINE	SQ.FT.	0.20	12
RESHAPE (DRAGGING OR BLADING)	RESHAPE	PREVENT	SQ.YD.	0.04	24
REGRADE	REGRADE	REHAB	SQ.YD.	0.08	36

## ROAD SURFACE MANAGEMENT SYSTEM

## UNPAVED ROADS

## MAINTENANCE AND REPAIR TECHNIQUES

DESCRIPTION	REPAIR	STRATEGY	UNITS	COST/ UNIT	INCREASE (MONTHS)
SPOT REGRAVEL	SPOTMATL	ROUTINE	SQ.FT.	0.20	12
CLEAN GUTTERS/DITCHES W GRADER	DRAINAGE	ROUTINE	LN.FT.	0.04	12
GRADE SHOULDERS AND DITCHES	DRAINAGE	ROUTINE	LN.FT.	0.04	12
RESHAPE (DRAGGING OR BLADING)	RESHAPE	PREVENT	SQ.YD.	0.04	24
REGRADE	REGRADE	REHAB	SQ.YD.	0.08	36
DEFER MAINTENANCE	NONE	DEFER	SQ.FT.	0.00	0

## ROAD SURFACE MANAGEMENT SYSTEM

## UNPAVED ROADS

## MAINTENANCE AND REPAIR TECHNIQUES

DESCRIPTION	REPAIR	STRATEGY	UNITS	COST/ UNIT	INCREASE (MONTHS)
CLEAN GUTTERS/DITCHES W GRADER	DRAINAGE	ROUTINE	LN.FT.	0.04	12
DEFER MAINTENANCE	NONE	DEFER	SQ.FT.	0.00	0
GRADE SHOULDERS AND DITCHES	DRAINAGE	ROUTINE	LN.FT.	0.04	12
REGRADE	REGRADE	REHAB	SQ.YD.	0.08	36
RESHAPE (DRAGGING OR BLADING)	RESHAPE	PREVENT	SQ.YD.	0.04	24
SPOT REGRAVEL	SPOTMATL	ROUTINE	SQ.FT.	0.20	12

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