

2015 -- PRESERVATION NETWORK EVALUATION WORKSHEET

Management Strategy: **Proactive Pavement Preservation**

Total Network Lane-Miles: 200

Pavement Management Budget: \$1,000,000

Reconstruction Projects:

Reconstruction Method	Design Life		Lane-Miles	=	Lane-Mile-Years	Lane-Mile Cost	Total Cost
Full Depth Reclaim + 4" HMA	20	X	1	=	20	\$176,000	\$176,000
		X		=			
		X		=			
Totals:			1		20		\$176,000

Rehabilitation Projects:

Rehabilitation Method	Design Life		Lane-Miles	=	Lane-Mile-Years	Lane-Mile Cost	Total Cost
CIPR + 2.5" HMA	15	X	1	=	15	\$119,680	\$119,680
2" Mill-and-Fill with HMA	12	X	2	=	24	\$84,480	\$168,960
		X		=			
		X		=			
Totals:			3		39		\$288,640

Pavement Preservation Projects:

Preservation Method	Life Extension		Lane-Miles	=	Lane-Mile-Years	Lane-Mile Cost	Total Cost
UTBO Thin Overlays	10	X	2	=	20	\$49,280	\$98,560
Double Surface Treatments	8	X	6	=	48	\$29,920	\$179,520
Single Surface Treatments	5	X	12	=	60	\$14,080	\$168,960
Fog Seals	3	X	4	=	12	\$7,040	\$28,160
PCRM & Fibers Crack Seal	2	X	17	=	34	\$3,520	\$59,840
Totals:			41		174		\$535,040

Network Trend:

Programmed Activity	Lane-Mile Years	Total Cost
Reconstruction	20	\$176,000
Rehabilitation	39	\$288,640
Preservation	174	\$535,040
Totals:	233	\$999,680

Strategic Summary:

Programmed Activity (Lane-Mile-Years) =	233
minus	
Total Network (Lane-Mile-Years) =	200
Gain (+) / Deficit (-) =	33