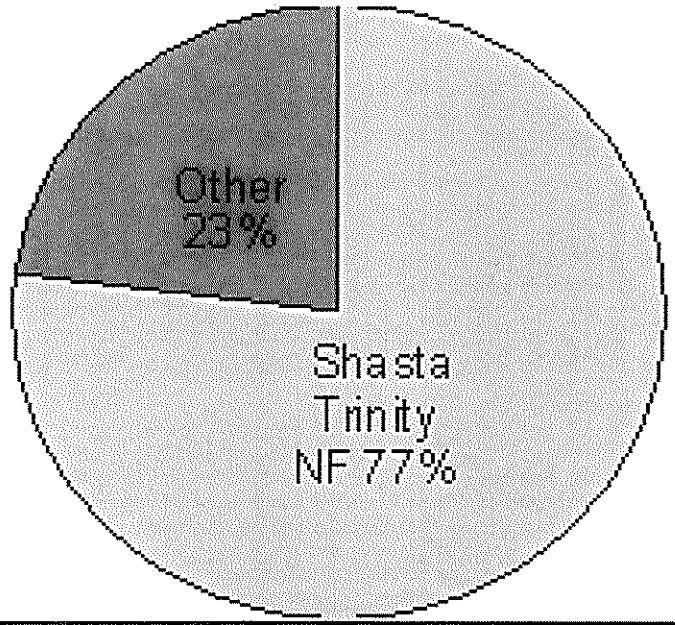
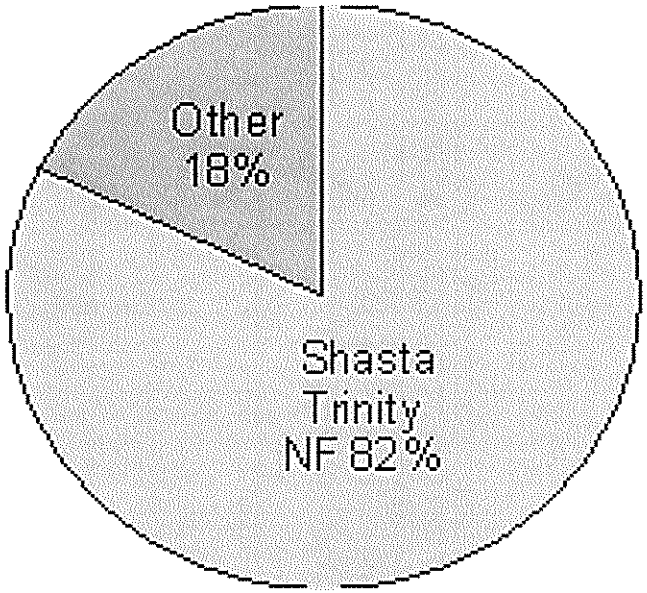
SF Trinity River (huc4) Perennial Stream Management





Trinity River (huc4) Perennial Stream Management

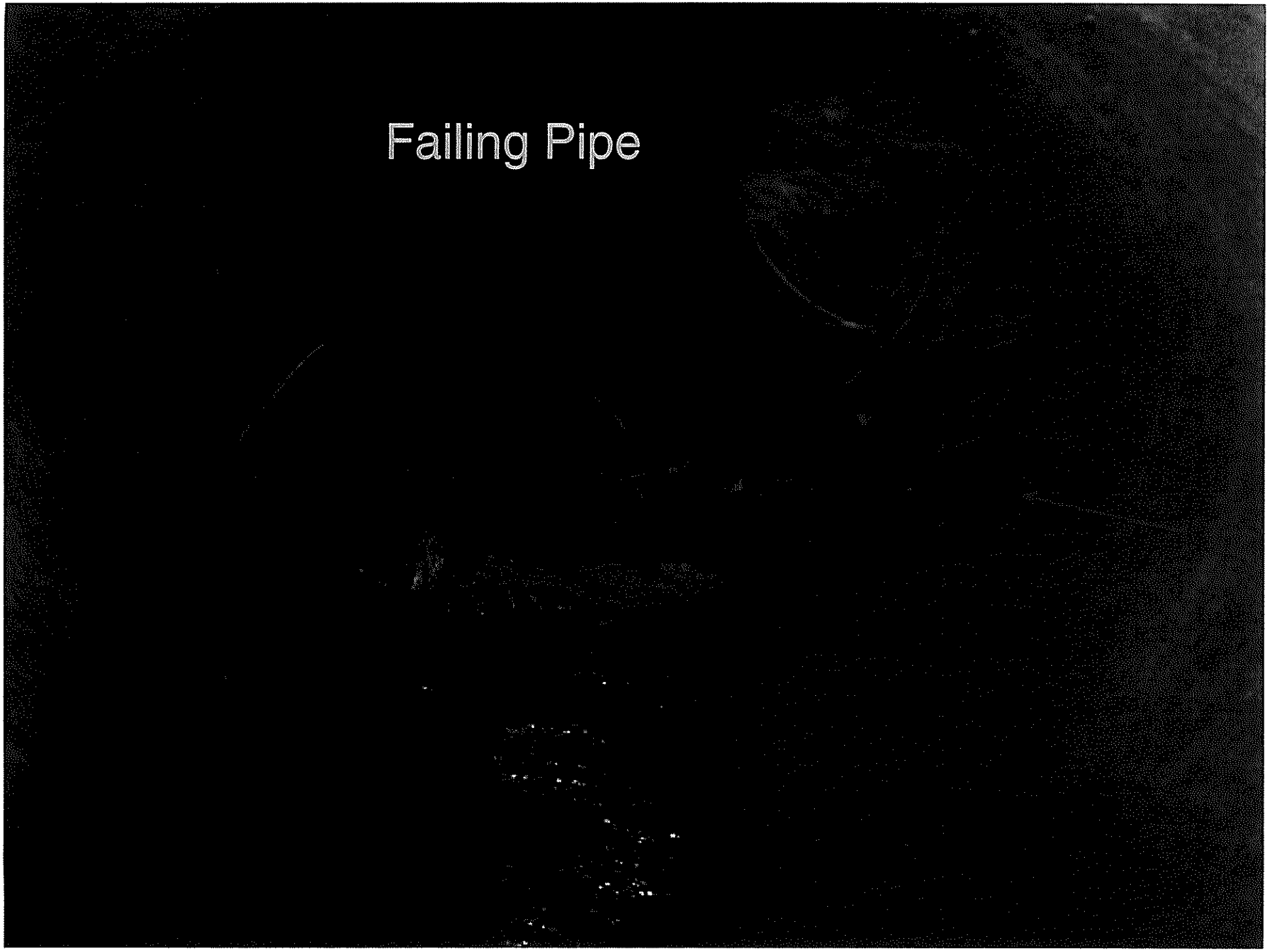
NFS Land in Trinity Basin

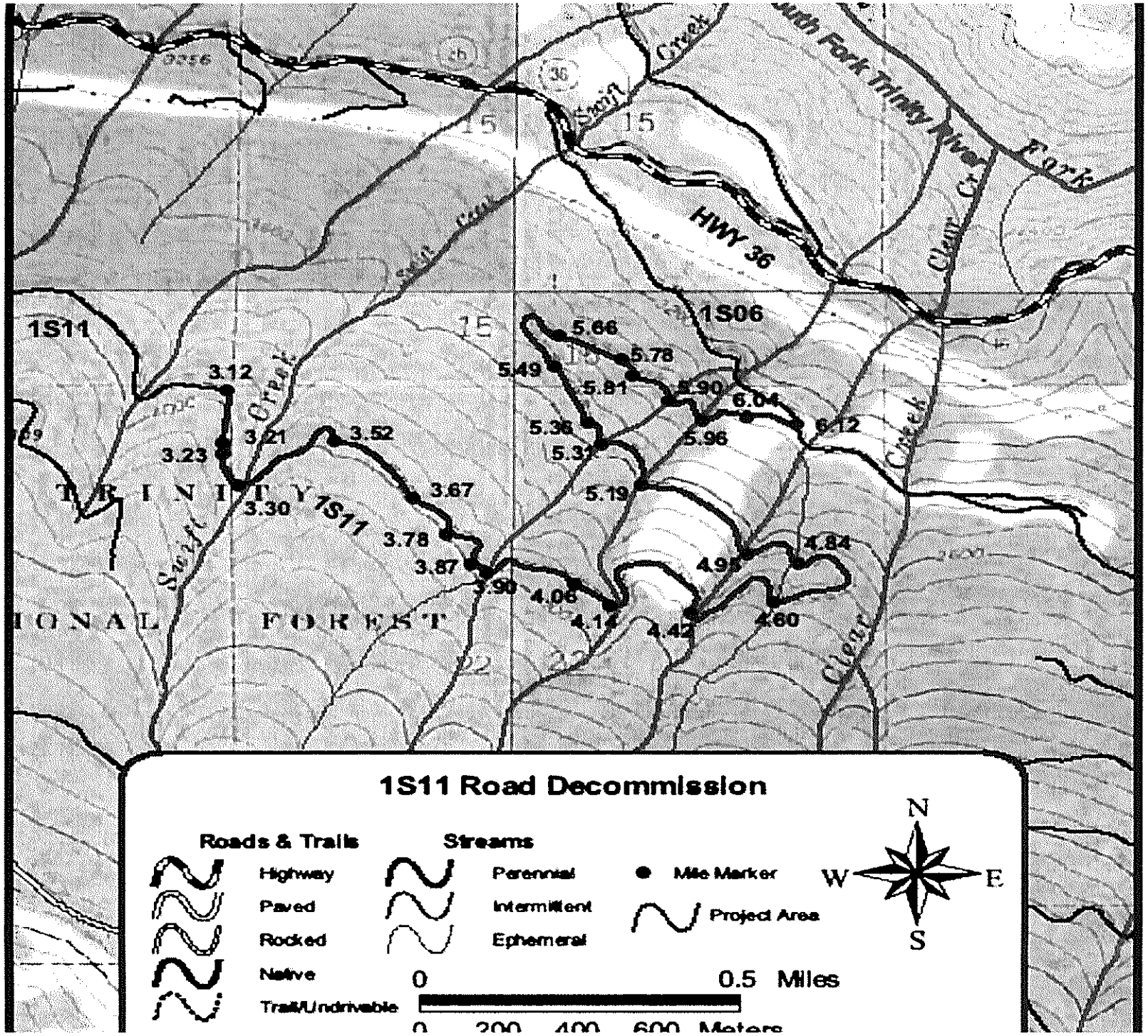
Roughly 22,000 stream xings

(based on Pacific Northwest average of 4 xings/mi)

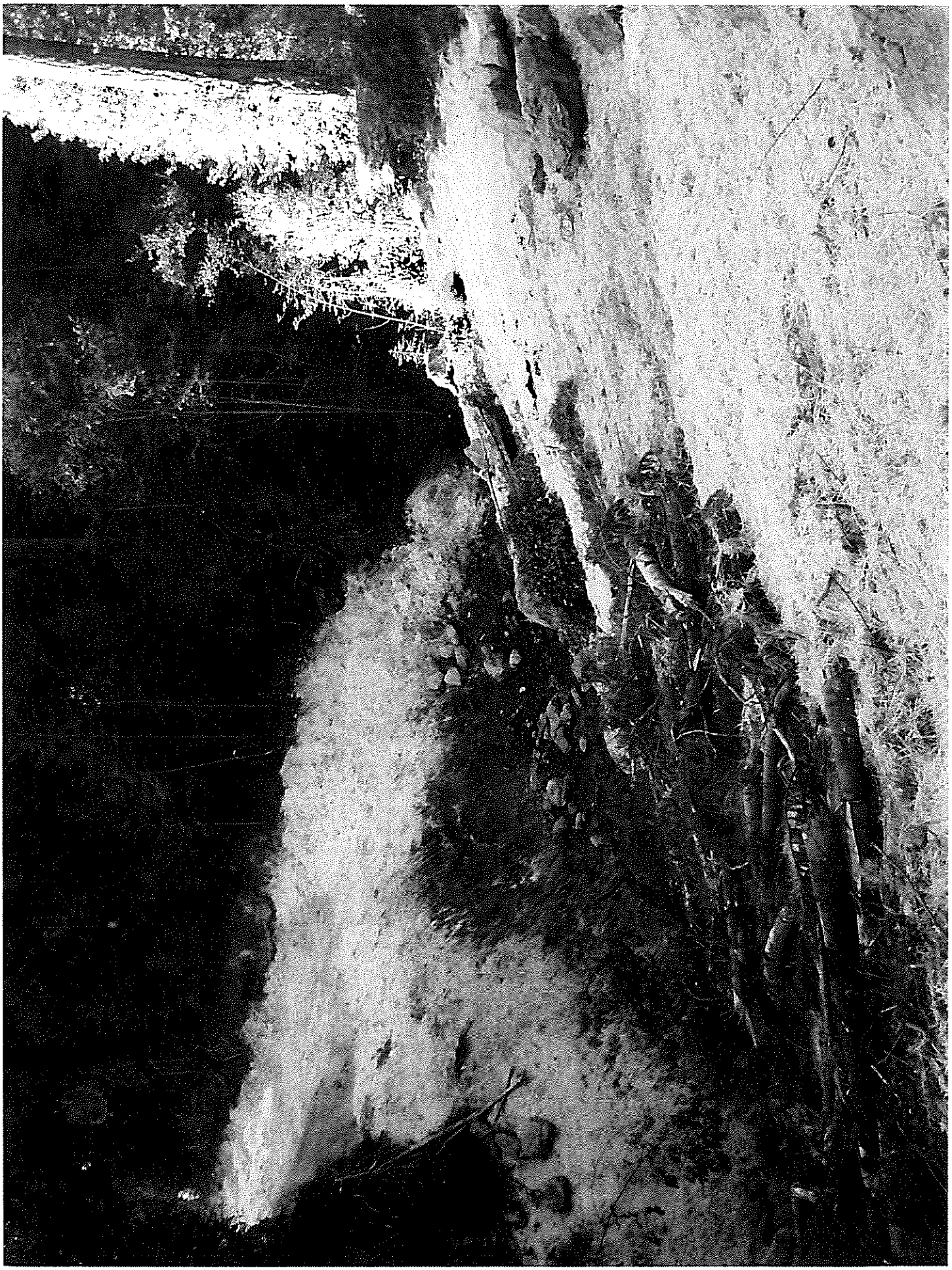
Increasing risks of failure

Aging infrastructure & undersized pipes


Failing Pipe


1S11 Road Decommission
Roads & Trails
Highway
Paved
Rocked
Native
Trail/Undrivable
Streams
Perennial
Intermittent
Ephemeral
Mile Marker
Project Area
N
W
E
S
0
0.5 Miles
0
200
400
600 Meters
HWY 36
1S06
1S11
TRINITY
NATIONAL FOREST
South Fork Trinity River
Clear Creek
Swift Creek
3.12
3.21
3.23
3.30
3.52
3.67
3.78
3.87
3.90
4.06
4.14
4.42
4.60
4.84
4.95
5.19
5.31
5.36
5.49
5.66
5.78
5.81
5.90
5.96
6.04
6.12

CAT



DRAFT Estimate as of 9/6/2015 on TCRCD work complete by end of FY 2015

TCRCD Accomplishments 2015 -USFS

USFS Decommissioning - WESTSIDE WATERSHED EA

Route #	Miles	Xings	Watershed and or RAP	Funding	Notes
29N64	0.50	1	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
30N14A	0.40	5	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
30N18A	0.20	4	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
30N18B	0.50	8	Salt Ck	Ca Ohv Commission/RAC	Work ceased due to Blue Fire started on 7/30/15, only 0.22 first xing remains, anticipate completion by 9/30
U29N31EAA	0.27	1	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U29N31EB	0.33	0	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N14AA	0.20	0	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U30N14B	0.06	1	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U30N27A	0.10	0	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U30N27AB	0.10	1	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U30N27B	0.07	0	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N27D	0.05	0	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N27F	0.06	1	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U30N27G	0.16	1	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N27K	0.04	0	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N27W	0.14	1	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N27X	0.17	4	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U30N28D	0.05	0	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N28FA	0.20	1	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is
U30N45B	0.19	0	Salt Ck	Ca Ohv Commission/RAC	IMPLEMENTATION COMPLETE
U36TRI05	0.19	1	Salt Ck	Ca Ohv Commission/RAC	No work, deemed stable as is

USFS Decommissioning - EAST FORK/SMOKY EA

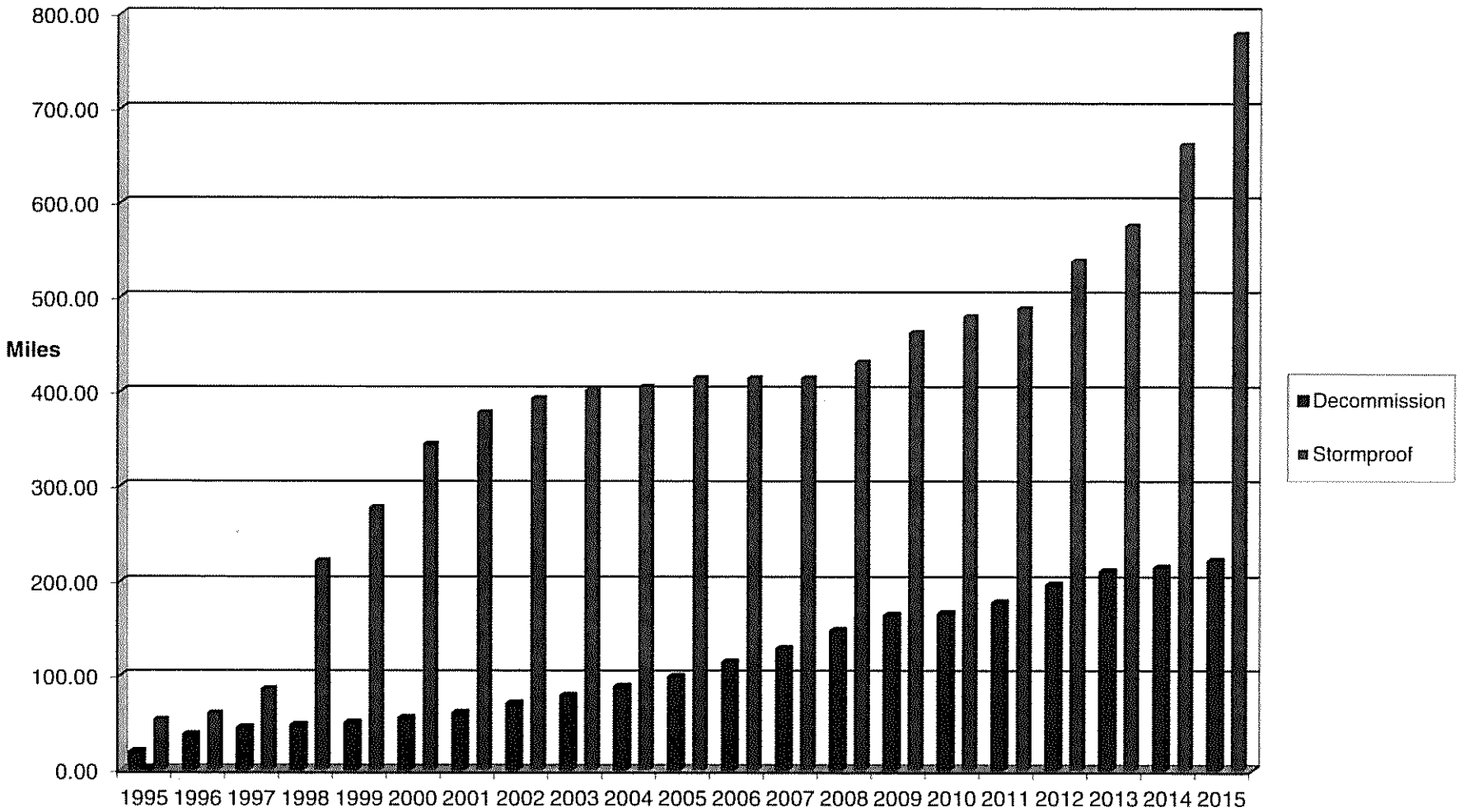
Route #	Miles	Operational Maintenance Level	Watershed and or RAP	Funding	Notes
28N51A	1.35	5	Prospect Ck	CDFW	Currently ongoing
28N51	1.85	13	Prospect Ck	CDFW	Impacted by fire suppression, needs immediate attention, will be done by 9/30
TOTAL DECOMMISSIONING MILES and XINGS	7.18	48			

UPGRADE NOTE ON 20 MILES OF BRUSHING Ca Ohv Commission

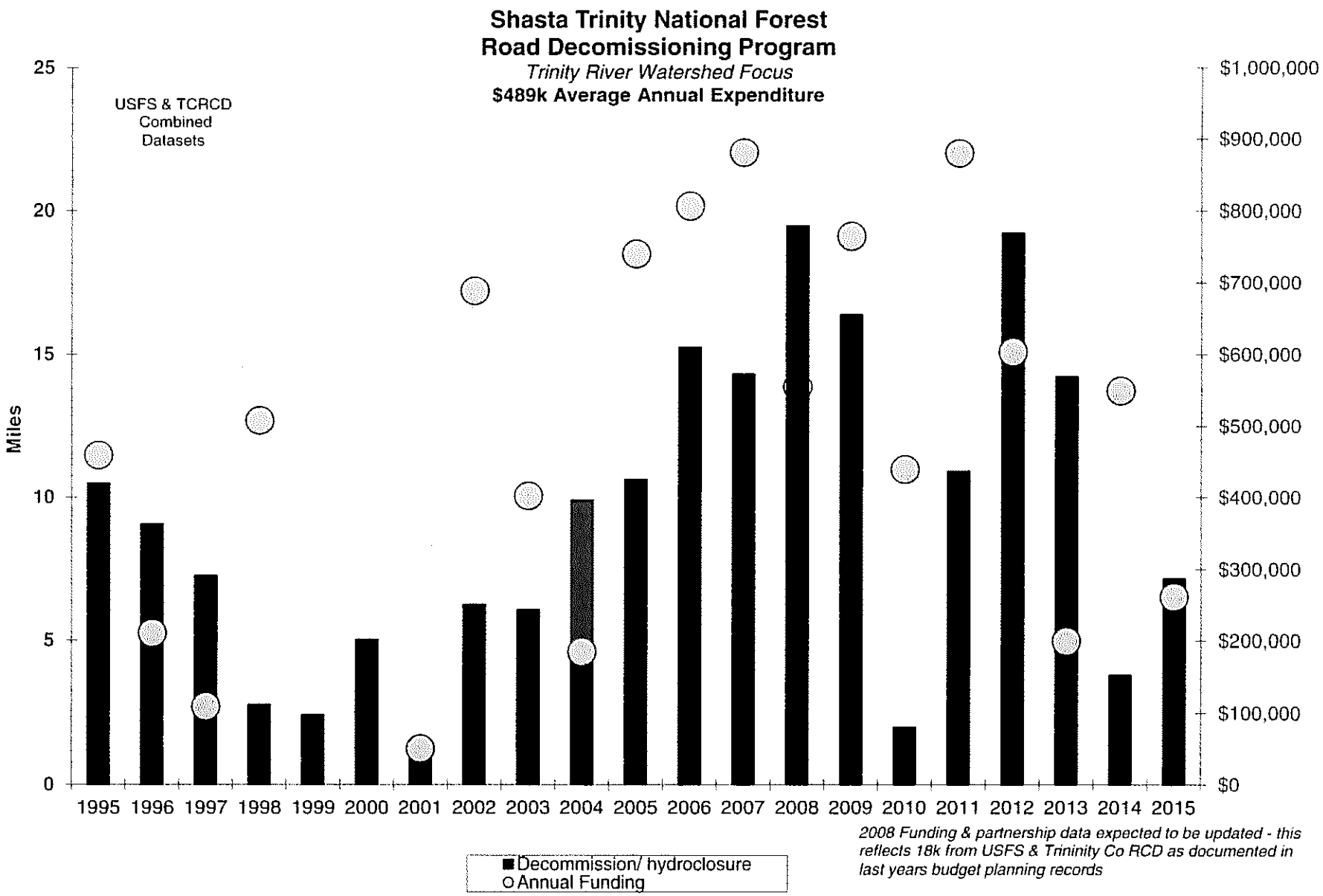
The TCRCD did not get to any road upgrades work done in Plummer this year due to the fires however our road crew did Brush and check culverts along 20 miles of USFS Level 2 rds in FY2015 this work was funded by the Ca OHV Commission. In many cases these roads were overtaken by brush and even tho we didn't complete any equipment work the access to the xings is critical. With access open, recon of existing conditions and repair can proceed and the road is open for public use as it is listed on the MVUM map. I'll leave it to you as to how to report.

USFS & TCRCD
Combined Datasets

Cumulative Road Decomissioning and Storm-Proofing
West Side Shasta Trinity National Forest

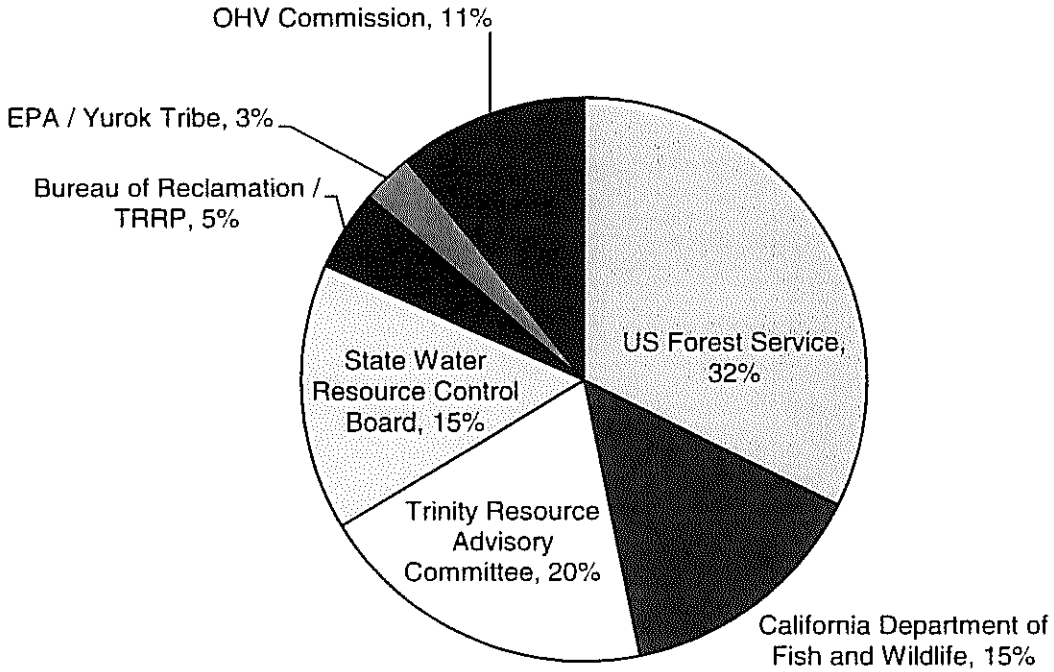


Sum of Amt Spent	Funding Agency							
Year Spent	Bureau of Reclamation/ TRRP	California Department of Fish and Wildlife	EPA / Yurok Tribe	CA OHV Commission	State Water Resource Control Board	Trinity Resource Advisory Committee	US Forest Service	Total Annual Expenditures
1995							459000	459,000
1996							210600	210,600
1997							109386	109,386
1998							278103	278,103
1999								-
2000								-
2001		31000					19740	50,740
2002		423393				70000	120000	613,393
2003		222718				118577	35682	376,977
2004						16950	117565	134,515
2005		43690			450000	166602	55057	715,349
2006		451433				244956	110000	806,389
2007		65494	255139	100000	30000	415000	15000	880,633
2008	**150000**					**85000**	**320000**	555,000
2009					450000	**65000**	**250000**	765,000
2010	**105000**	35000				**79250**	**220000**	439,250
2011				471000		**62512**	**195900**	729,412
2012				36724	400000	**166850**		603,574
2013	**150000**			34558				184,558
2014				123333		**126428**	**300000**	549,761
2015				177,000		**84,590**		261,590
Grand Total	405,000	1,272,728	255,139	942,615	1,330,000	1,701,715	2,816,033	8,723,230
	TRRP	CDFW	EPA/Yurok	OHVC	SWRCB	Trinity RAC	USFS	
	5%	15%	3%	11%	15%	20%	32%	100%



2008 Funding & partnership data expected to be updated - this reflects 18k from USFS & Trininity Co RCD as documented in last years budget planning records

Shasta Trinity NF
Trinity River Watershed
Road Decomissioning Funding By Agency
1995-2015: $8.7 million



USFS & TCRCD
Combined Datasets

USFS Restoration Needs – Next 20 Years

Six Rivers NF

South Fork and Lower Mainstem Trinity – $18.1 MM

Shasta-Trinity NF

- Trinity River Mainstem- $20.1 MM
- South Fork Trinity - $72.9 MM

Work Includes Road Obliteration, Stream Crossings 'Storm-proofing', Fish Passage, Spawning/Rearing Habitat Improvements, Hazardous Fuels Reduction