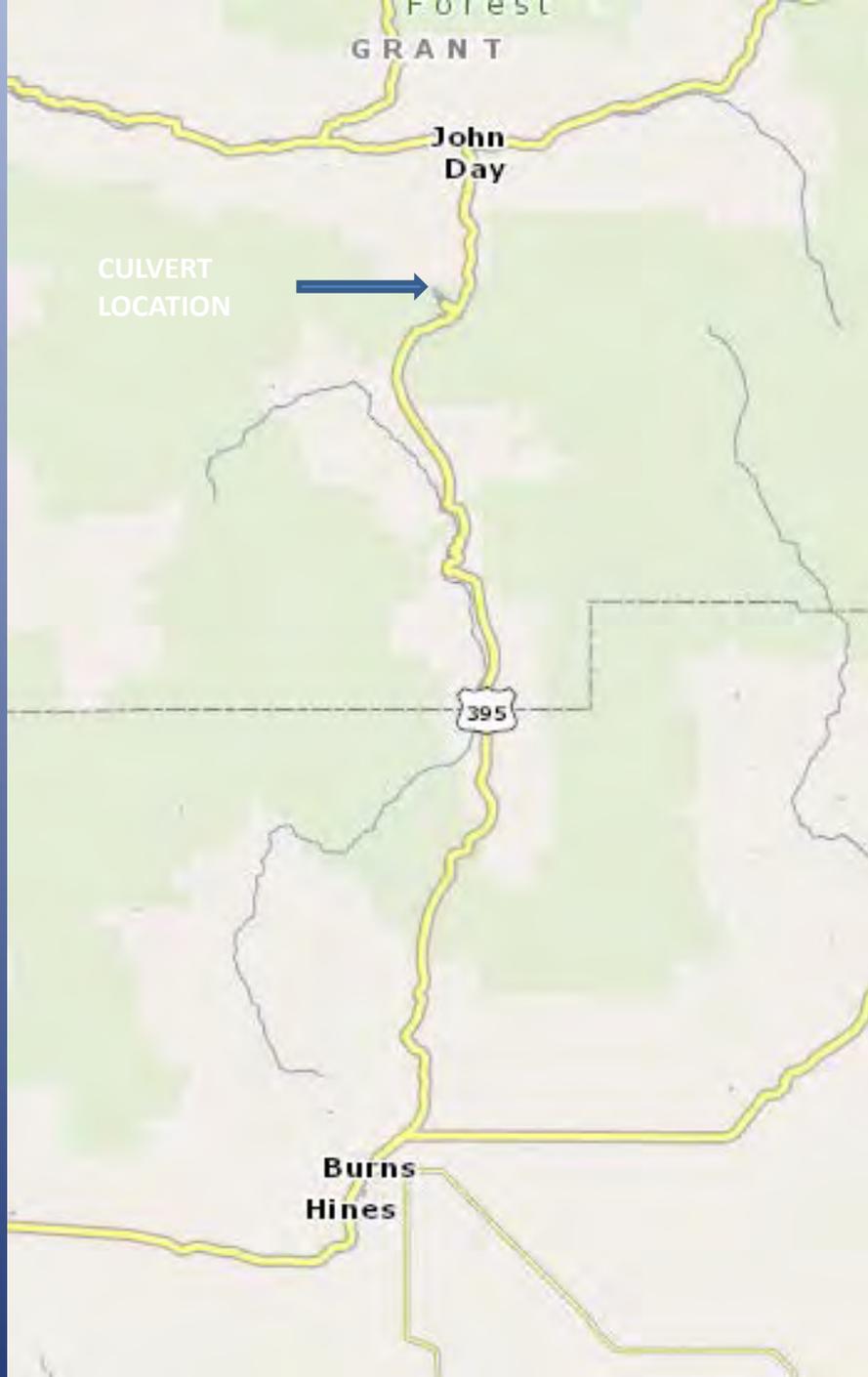


VANCE CR CULVERT

Emergency Replacement

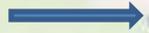
November 2015



Forest
GRANT

John
Day

CULVERT
LOCATION



395

Burns
Hines



Progression Map

Canyon Creek Complex
OR-MAF-016270
Approx 110,245 Acres

Great Basin Team 1
9/5/2015
0518hrs
NAD 83



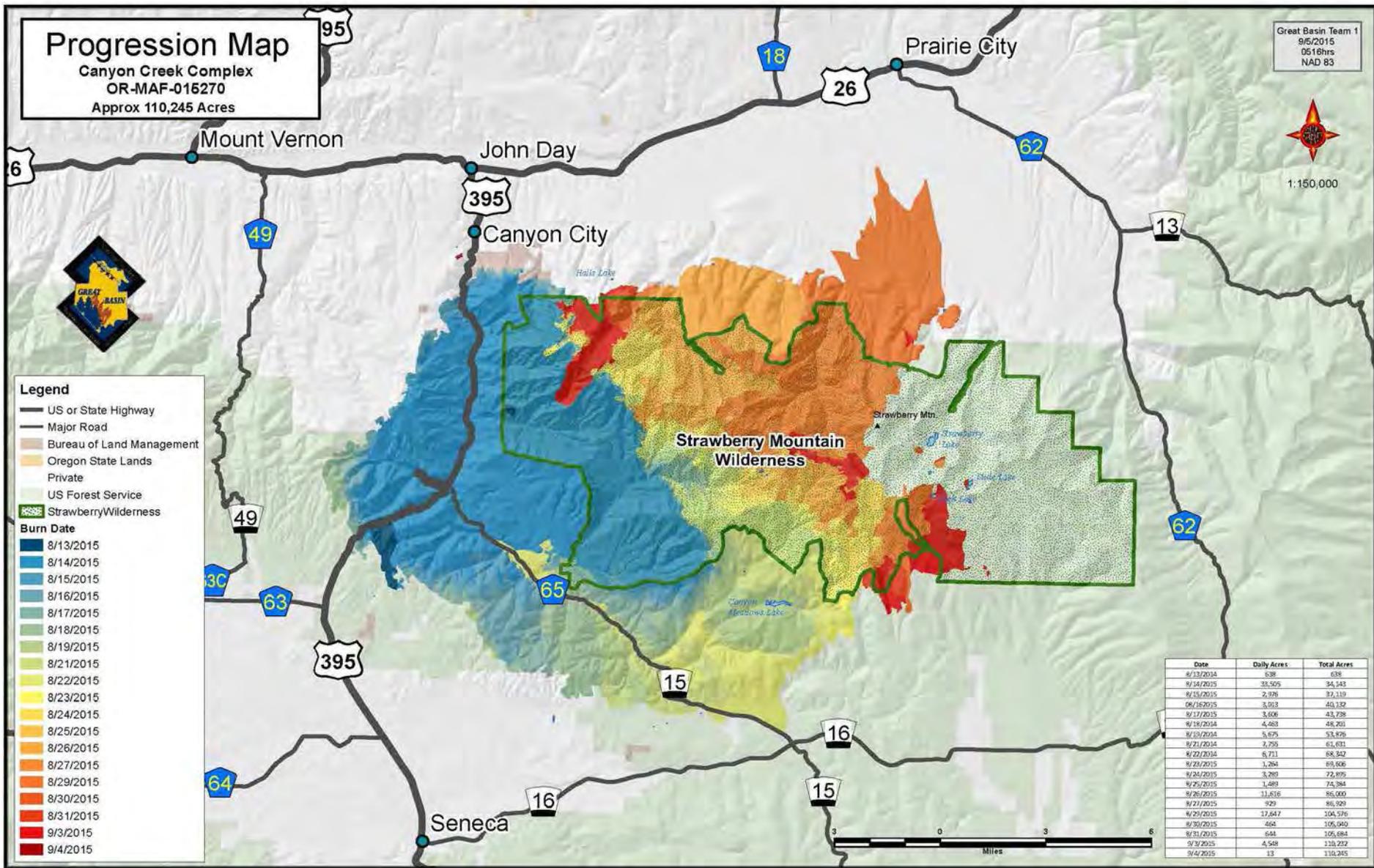
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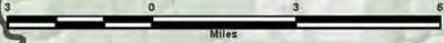
Legend

- US or State Highway
- Major Road
- Bureau of Land Management
- Oregon State Lands
- Private
- US Forest Service
- Strawberry Wilderness

- ### Burn Date
- 8/13/2015
 - 8/14/2015
 - 8/15/2015
 - 8/16/2015
 - 8/17/2015
 - 8/18/2015
 - 8/19/2015
 - 8/21/2015
 - 8/22/2015
 - 8/23/2015
 - 8/24/2015
 - 8/25/2015
 - 8/26/2015
 - 8/27/2015
 - 8/29/2015
 - 8/30/2015
 - 8/31/2015
 - 9/3/2015
 - 9/4/2015



Date	Daily Acres	Total Acres
8/13/2015	638	638
8/14/2015	33,505	34,143
8/15/2015	2,376	37,119
8/16/2015	3,012	40,132
8/17/2015	3,036	43,738
8/18/2015	4,263	48,001
8/19/2015	5,675	53,676
8/20/2015	7,755	61,431
8/21/2015	6,711	68,342
8/22/2015	1,264	69,606
8/23/2015	3,289	72,895
8/24/2015	1,489	74,384
8/25/2015	11,616	86,000
8/26/2015	929	86,929
8/29/2015	17,647	104,576
8/30/2015	464	105,040
8/31/2015	644	105,684
9/3/2015	4,548	110,232
9/4/2015	13	110,245







08.28.2015



08.28.2015

USFS ASSESSMENT

- High Potential Canyon Cr Flooding
 - Extent of fire damage
 - Loss of vegetation & soil burn severity
 - Steep terrain
 - 300% increase Canyon Cr Flows
 - 700% Increase Vance Cr Flows

ODOT Evaluation

- Catastrophic type failure possibilities
 - Vance Cr: 5 ft culvert with 30 ft of fill
 - Sheep Gulch: 36” culvert with flooding history

CHRONOLOGY

- Sept 16: District 14 contacted Region Tech Ctr to initiate design process
- Sept 23: Governor issues state of emergency in Grant & Baker Counties
- Sept 30: State Maint & Op Engr Luci Moore issues emergency declaration
- Sept 30: Permission from FHWA, Tom Lauer, & Joe Squire to proceed with adding emergency work to an existing contract by change order

CHRONOLOGY

- Sept 30: Decision to have District 14 obtain culvert materials in a separate procurement process. District 14 also to produce stone embankment & stream materials at a nearby USFS quarry.
- Sept 30: Region manager sets expectation for 10 day maximum full closure of US395
- Oct 1: Contractor (Wildish) agrees they have resources to perform added work in early November
- Oct 7: Culvert designs finalized and materials ordered by District 14.
- Oct 14: Public notification for 10 day closure

CHRONOLOGY

- Oct 26: Begin stockpiling materials on site
- Nov 2: Wildish mobilizes to project site.
Clearing and grubbing
- Nov 4: Closure begins
- Nov 13: Open to traffic under 24 hr flagging
- Nov 19: Roadway fully open
- Nov 22: Work complete



10.27.2015 11:38













11.08.2015 10:00



11.10.2015 19:03











11.08.2015 10:01







11.10.2015 19:03



SUMMARY

- Original Contract: \$2.8 million
- Increase Authorization: \$1.4 million
 - Does not include pipe, stone embankment, riprap, or streambed materials
 - Approx \$1.0 million at Vance
- EWO initially set up
- Tracked cost via informational FA
- Payment by CCO