
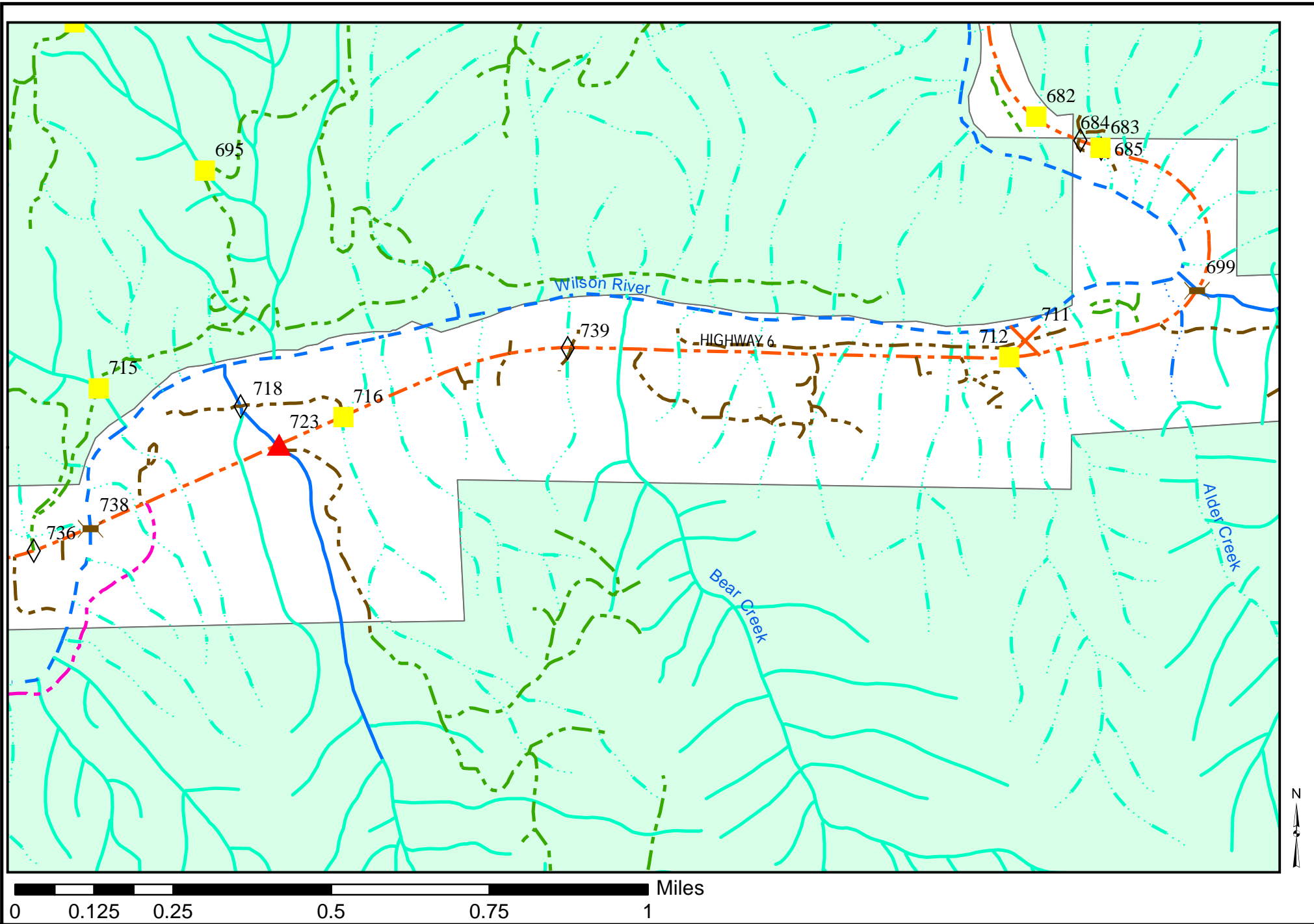


Kansas Creek Culverts, Wilson River Basin



BEAR CREEK AREA CULVERT

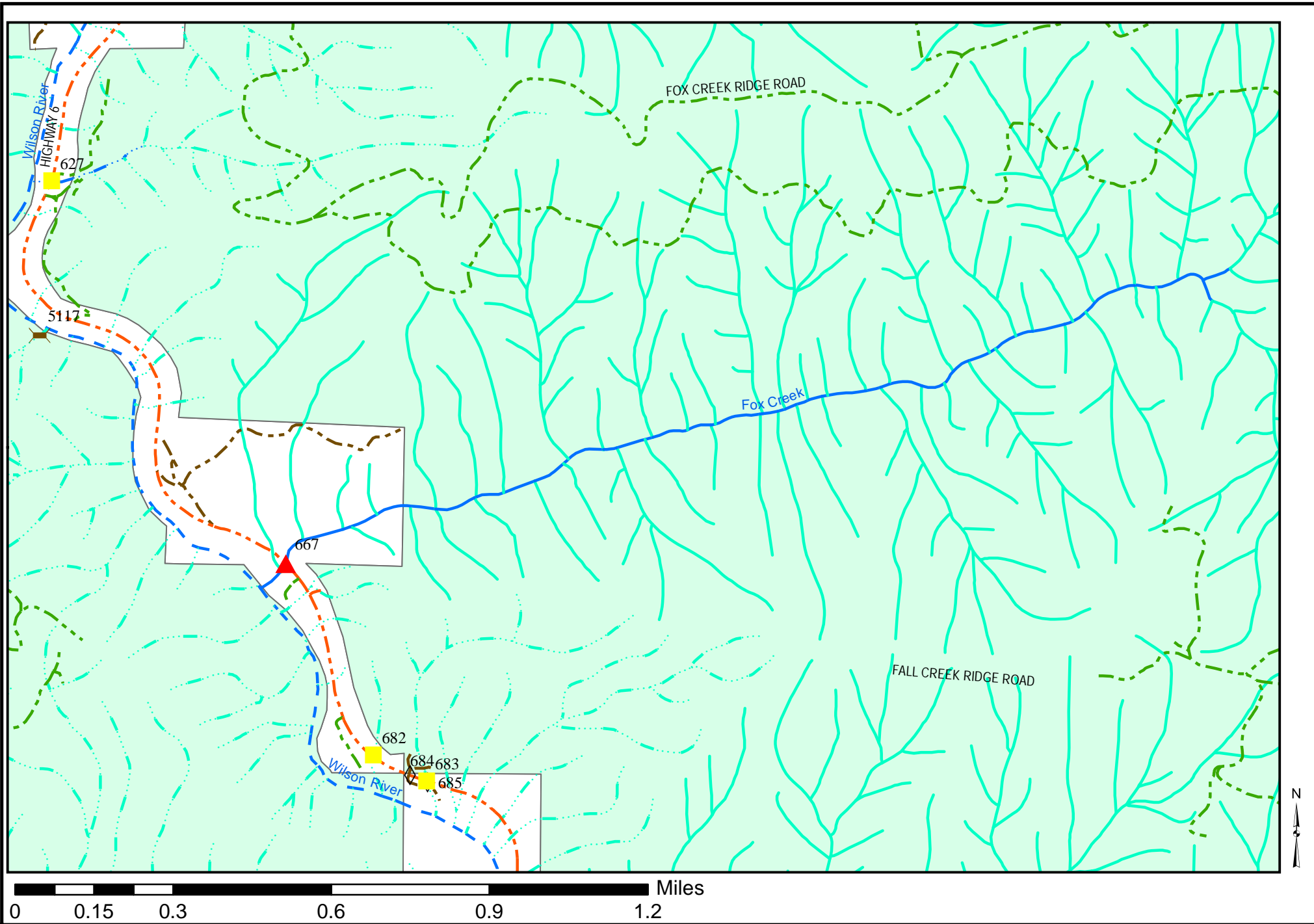
LOCATION INFO				Culvert #	723	Priority	L
Watershed		Wilson River					
Stream Name		Unnamed tributary of Wilson River					
Township-Range-Section-1/4		T1S, R8W, Sec. 11, SW¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		450762/5037876					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Tillamook County					
CULVERT INFO		CHANNEL INFO					
Shape	Box	Inlet Gradient (%)	8.2				
Material	Concrete	Upstream Gradient (%)	3.1				
Length (ft)	39	Bankfull Width (ft)	9.2				
Width (in)	60	Bankfull:Culvert Ratio	0.5				
Height (in)	60						
Outlet Perch (ft)	0.2						
Gradient (%)	3.5						
Rustline Height (in)	30						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.5	Habitat Points	1				
Habitat Quality	Poor	Habitat Quality Points	1				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	8				
Notes:							



Bear Creek Area Culverts, Wilson River Basin


FOX CREEK CULVERT


LOCATION INFO				Culvert #	667	Priority	H
Watershed		Wilson River		 <p style="font-size: 24pt; font-weight: bold; margin-top: 0;">Inlet</p>			
Stream Name		Fox Creek					
Township-Range-Section-1/4		T1S, R8W, Sec. 1, SE¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		452405/5039358					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Box	Inlet Gradient (%)	15.7	 <p style="font-size: 24pt; font-weight: bold; margin-top: 0;">Outlet</p>			
Material	Concrete	Upstream Gradient (%)	7.0				
Length (ft)	94	Bankfull Width (ft)	16.9				
Width (in)	120	Bankfull:Culvert Ratio	0.6				
Height (in)	120	Water observed flowing from around outside of culvert on outlet side. Rubber baffles inside pipe. Many were damaged or missing.					
Outlet Perch (ft)	4.0						
Gradient (%)	5.2						
Rustline Height (in)	N/A						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	2.0	Habitat Points	4				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	13				
<p>Notes: Outlet fish ladder substantially blocked with debris, in poor condition, and conveyed only a small fraction of the total stream flow.</p>							

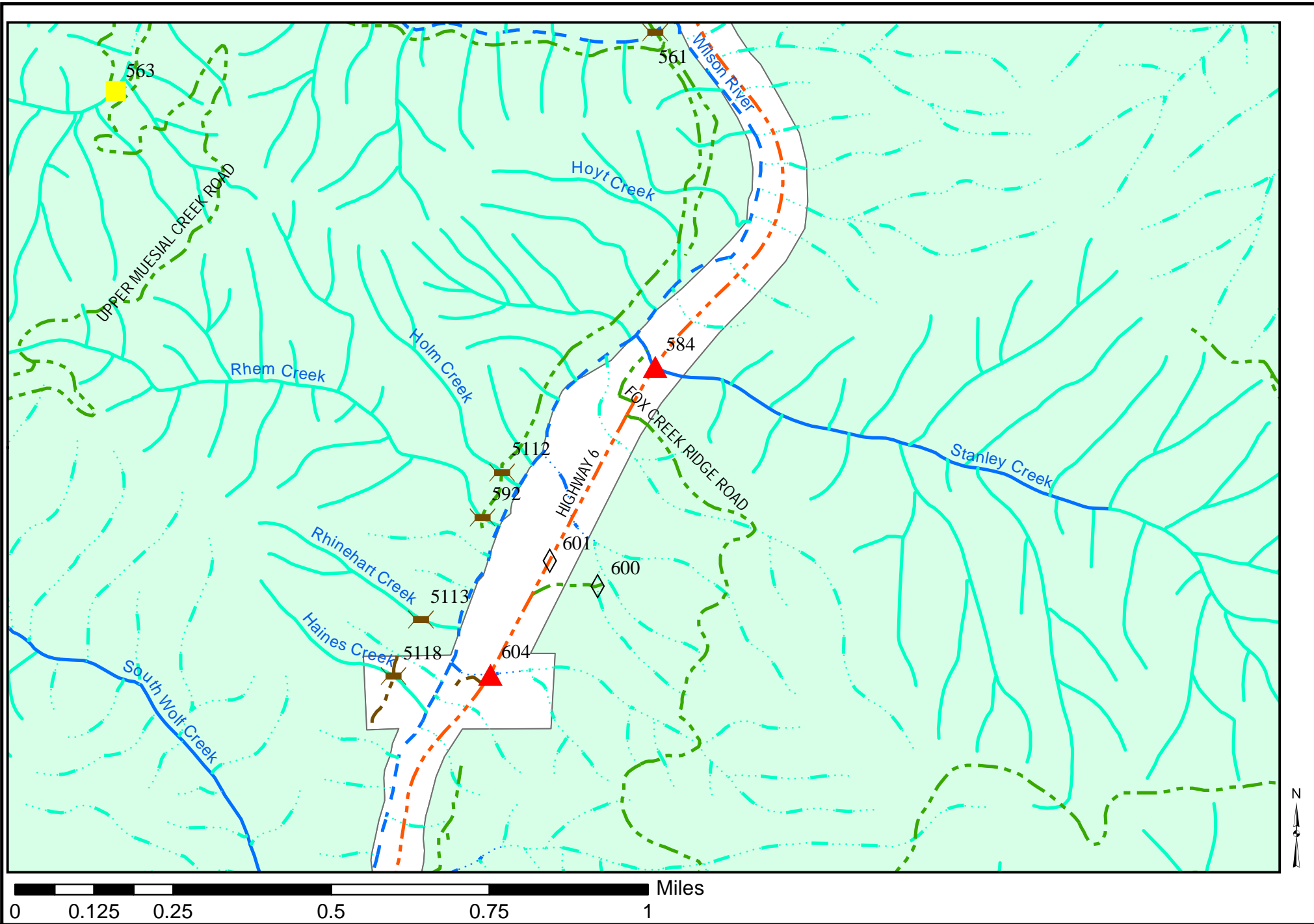


Fox Creek Culvert, Wilson River Basin

STANLEY CREEK AREA CULVERTS



LOCATION INFO				Culvert #	604	Priority	L
Watershed		Wilson River		 <p align="center">Inlet</p>			
Stream Name		Unnamed tributary of Wilson River					
Township-Range-Section-1/4		T1S, R8W, Sec. 1, NW¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		451998/5041075					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	35.3				
Material	Corrugated metal	Upstream Gradient (%)	14.9				
Length (ft)	99	Bankfull Width (ft)	6.7				
Width (in)	60	Bankfull:Culvert Ratio	0.8				
Height (in)	60	Stream dry during summer 2011 data collection effort.					
Outlet Perch (ft)	0.1						
Gradient (%)	7.3						
Rustline Height (in)	None						
Overall Condition	Good						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.1	Habitat Points	1				
Habitat Quality	Poor	Habitat Quality Points	1				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	8				
Notes:							



LOCATION INFO				Culvert #	584	Priority	M
Watershed		Wilson River		 <p align="center">Inlet</p>			
Stream Name		Stanley Creek					
Township-Range-Section-1/4		T1N, R8W, Sec. 36, NW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		452383/5041793					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Box	Inlet Gradient (%)	Falls-trash rack				
Material	Concrete	Upstream Gradient (%)	8.5				
Length (ft)	115	Bankfull Width (ft)	9.6				
Width (in)	60	Bankfull:Culvert Ratio	0.5				
Height (in)	60	Use of surveying equipment precluded by terrain and obstacles.					
Outlet Perch (ft)	4.0						
Gradient (%)	12.0						
Rustline Height (in)	N/A						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.8	Habitat Points	2				
Habitat Quality	Fair(+)	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	10				
Notes: An approx. 5 ft wall of debris was trapped upstream of the trash rack and aggraded the upstream channel an equivalent amount. Water cascaded over debris wall. Additional loose woody debris was trapped against trash rack above stream bed.							

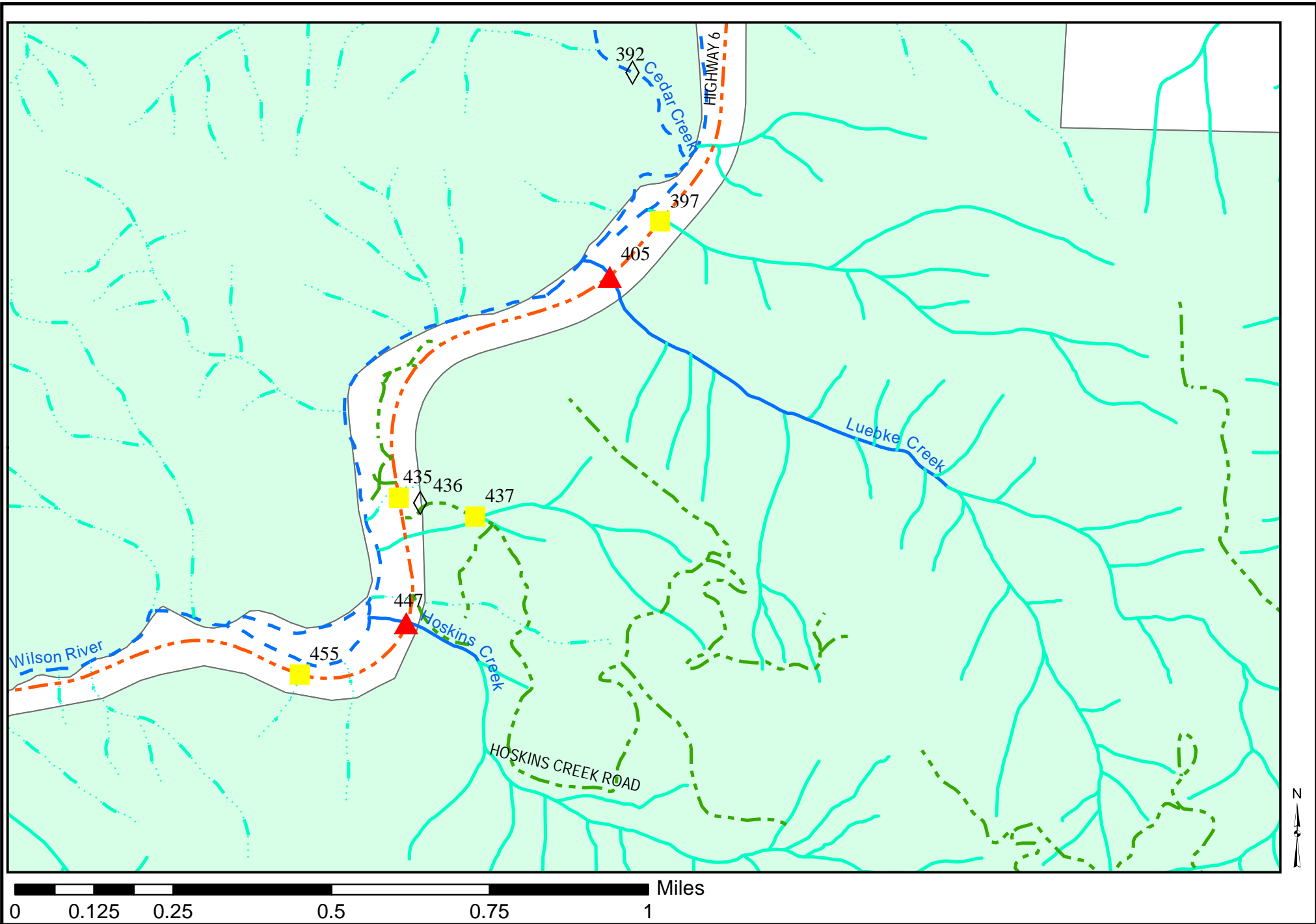


Stanley Creek Area Culverts, Wilson River Basin

HOSKINS CREEK AND LUEBKE CREEK CULVERTS


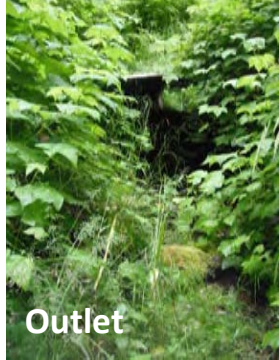
LOCATION INFO				Culvert #	447	Priority	L
Watershed		Wilson River					
Stream Name		Hoskins Creek					
Township-Range-Section-1/4		T1N, R7W, Sec. 17, SW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		455519/5045832					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	20.7				
Material	Corrugated metal	Upstream Gradient (%)	10.1				
Length (ft)	66	Bankfull Width (ft)	8.5				
Width (in)	72	Bankfull:Culvert Ratio	0.7				
Height (in)	72						
Outlet Perch (ft)	2.2						
Gradient (%)	3.6						
Rustline Height (in)	18						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.1	Habitat Points	1				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	9				
Notes: Stream was dry during summer 2011 survey visit.							



LOCATION INFO				Culvert #	405	Priority	M
Watershed		Wilson River					
Stream Name		Luebke Creek					
Township-Range-Section-1/4		T1N, R7W, Sec. 17, SE¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		456036/5046768					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	26.5				
Material	Corrugated metal	Upstream Gradient (%)	15.5				
Length (ft)	51	Bankfull Width (ft)	6.7				
Width (in)	54	Bankfull:Culvert Ratio	0.7				
Height (in)	54						
Outlet Perch (ft)	1.1						
Gradient (%)	10.8						
Rustline Height (in)	30						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.7	Habitat Points	2				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	10				
Notes: This culvert has rock headwalls and wingwalls that may have been constructed by the Civilian Conservation Corps. The Oregon State Historical Preservation Office should be consulted regarding these features. Replacement of this culvert will likely require compliance with applicable cultural resources protection laws.							







Hoskins Creek and Luebke Creek Culverts, Wilson River Basin

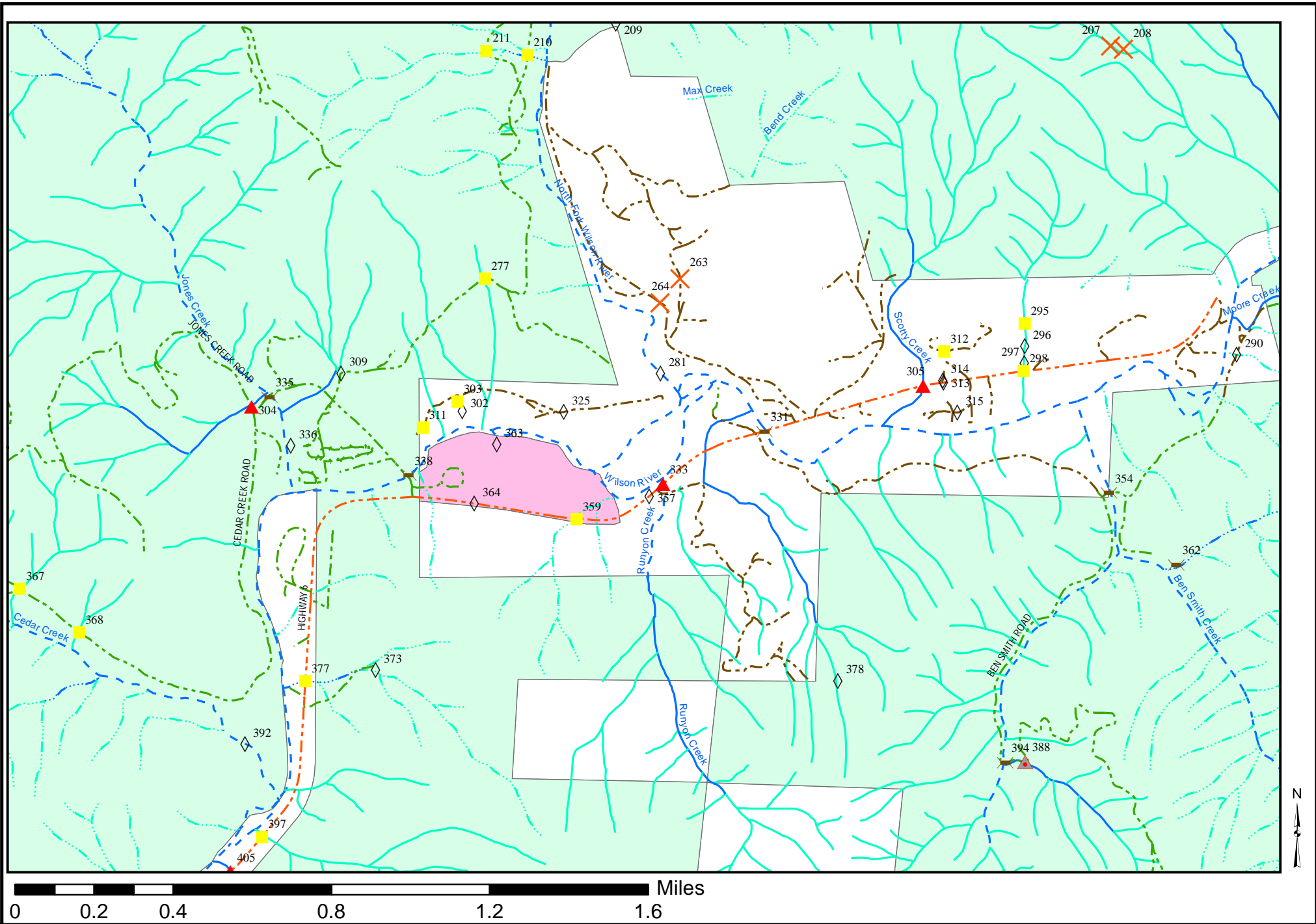
LEES CAMP AREA CULVERTS

LOCATION INFO				Culvert #	304	Priority	L
Watershed		Wilson River					
Stream Name		Unnamed tributary of Jones Creek					
Township-Range-Section-1/4		T1N, R7W, Sec. 8, NE¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		456150/5048626					
Road Name		Jones Creek Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	2.5				
Material	Corrugated metal	Upstream Gradient (%)	5.4				
Length (ft)	45	Bankfull Width (ft)	6.2				
Width (in)	100	Bankfull:Culvert Ratio	1.4				
Height (in)	68						
Outlet Perch (ft)	1.0						
Gradient (%)	1.8						
Rustline Height (in)	None						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.4	Habitat Points	1				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	9				
Notes:							

LOCATION INFO				Culvert #	333	Priority	H
Watershed		Wilson River					
Stream Name		Runyon Creek					
Township-Range-Section-1/4		T1N, R7W, Sec. 8, NE¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		457794/5048327					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	4.0				
Material	Corrugated metal	Upstream Gradient (%)	3.0				
Length (ft)	42	Bankfull Width (ft)	11.2				
Width (in)	51	Bankfull:Culvert Ratio	1.4				
Height (in)	51						
Outlet Perch (ft)	8.0						
Gradient (%)	1.0	*Used Abney Level to determine gradients.					
Rustline Height (in)	22						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.9	Habitat Points	2				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	11				
Notes: This culvert has rock headwalls, wingwalls, and an outlet apron that may have been constructed by the Civilian Conservation Corps. The Oregon State Historical Preservation Office should be consulted regarding these features. Replacement of this culvert will likely require compliance with applicable cultural resources protection laws.							


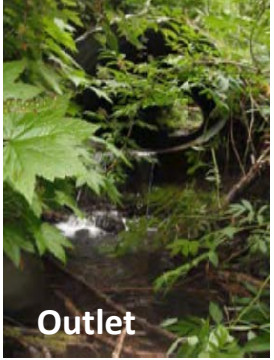
LOCATION INFO				Culvert #	305	Priority	H
Watershed		Wilson River		 Inlet	 Outlet		
Stream Name		ScottyCreek					
Township-Range-Section-1/4		T1N, R7W, Sec. 3, SW¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		458912/5048759					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	14.0				
Material	Corrugated metal	Upstream Gradient (%)	3.0				
Length (ft)	100	Bankfull Width (ft)	4.3				
Width (in)	42	Bankfull:Culvert Ratio	0.8				
Height (in)	42	Use of surveying equipment precluded by terrain and obstacles.					
Outlet Perch (ft)	1.1						
Gradient (%)	5.0						
Rustline Height (in)	26						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.5	Habitat Points	2				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	11				
Notes: Tech. team noted that, based on their experience, an unidentified barrier culvert occurs on a utility Right-of-Way across private land approximately 0.1 miles upstream of this crossing.							



LOCATION INFO				Culvert #	388	Priority	L
Watershed		Wilson River		 Inlet	 Outlet		
Stream Name		Unnamed tributary of Ben Smith Creek					
Township-Range-Section-1/4		T1N, R7W, Sec. 10, SW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		459298/5047224					
Road Name		Ben Smith Creek Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	13.8				
Material	Corrugated metal	Upstream Gradient (%)	3.2				
Length (ft)	63	Bankfull Width (ft)	4.7				
Width (in)	96	Bankfull:Culvert Ratio	1.7				
Height (in)	72						
Outlet Perch (ft)	None						
Gradient (%)	6.3						
Rustline Height (in)	None						
Overall Condition	Good						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.3	Habitat Points	1				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Gray	Barrier Points	2				
		Prioritization Total Points	8				
Notes: Barrier class based on culvert slope being greater than ± 1 percent of stream gradient.							







Lees Camp Area Culverts, Wilson River Basin

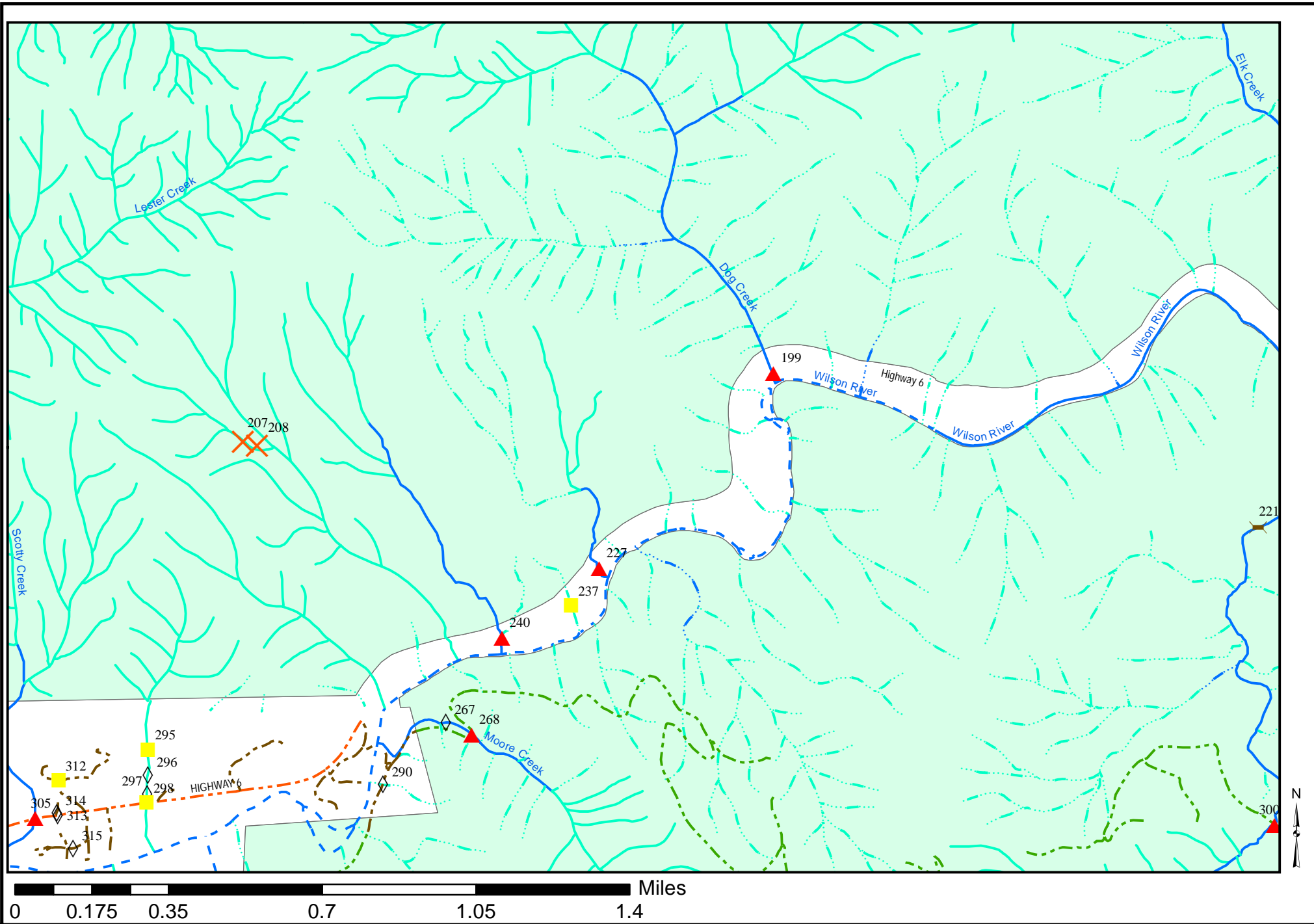
DOG CREEK AREA CULVERTS

LOCATION INFO				Culvert #	268	Priority	L
Watershed		Wilson River		 <p align="center">Inlet</p>	 <p align="center">Outlet</p>		
Stream Name		Moore Creek					
Township-Range-Section-1/4		T1N, R7W, Sec. 2, SW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		460473/5049046					
Road Name		East Ben Smith Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	9.7				
Material	Corrugated metal	Upstream Gradient (%)	7.5				
Length (ft)	43	Bankfull Width (ft)	6.1				
Width (in)	78	Bankfull:Culvert Ratio	1.1				
Height (in)	60						
Outlet Perch (ft)	2.6						
Gradient (%)	3.5						
Rustline Height (in)	19						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.2	Habitat Points	1				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	9				
Notes:							

LOCATION INFO				Culvert #	240	Priority	L
Watershed		Wilson River		 <p align="center">Inlet</p>	 <p align="center">Outlet</p>		
Stream Name		Unnamed tributary of Wilson River					
Township-Range-Section-1/4		T1N R7W, Sec. 2, NW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		460589/5049407					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	14.0				
Material	Concrete	Upstream Gradient (%)	12.0				
Length (ft)	80	Bankfull Width (ft)	6.1				
Width (in)	24	Bankfull:Culvert Ratio	0.3				
Height (in)	24						
Outlet Perch (ft)	1.0						
Gradient (%)	9.0						
Rustline Height (in)	N/A						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.6	Habitat Points	2				
Habitat Quality	Poor	Habitat Quality Points	1				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	9				
Notes: Stream dry during summer 2011 site visit. This culvert has rock headwalls that may have been constructed by the Civilian Conservation Corps. The Oregon State Historical Preservation Office should be consulted regarding these features. Replacement of this culvert will likely require compliance with applicable cultural resources protection laws.							



LOCATION INFO				Culvert #	227	Priority	L
Watershed		Wilson River					
Stream Name		Unnamed tributary of Wilson River					
Township-Range-Section-1/4		T1N R7W, Sec. 2, NE¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		460951/5049662					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	20.5				
Material	Concrete	Upstream Gradient (%)	6.3				
Length (ft)	61	Bankfull Width (ft)	7.2				
Width (in)	36	Bankfull:Culvert Ratio	0.4				
Height (in)	36						
Outlet Perch (ft)	1.8						
Gradient (%)	4.3						
Rustline Height (in)	N/A						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.2	Habitat Points	1				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	9				
Notes:							



LOCATION INFO				Culvert #	199	Priority	H
Watershed		Wilson River					
Stream Name		Dog Creek					
Township-Range-Section-1/4		T1N R7W, Sec. 1, NW¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		461602/5050380					
Road Name		Highway 6					
Road/Culvert Owner		Oregon Department of Transportation					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Box	Inlet Gradient (%)	42.7				
Material	Concrete	Upstream Gradient (%)	7.6				
Length (ft)	116	Bankfull Width (ft)	11.2				
Width (in)	96	Bankfull:Culvert Ratio	0.7				
Height (in)	96						
Outlet Perch (ft)	*Not measured	*Outlets directly into Wilson River. Unable to measure tailwater control, but at summer flows it cascades over 2-3 ft step into river.					
Gradient (%)	3.7						
Rustline Height (in)	N/A						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	1.1	Habitat Points	3				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	12				
Notes: An I-beam across inlet creates an ~18 step. Culvert is paralleled by an attached fishway. However, at low flows this structure conveys insufficient flows to pass fish. Steps at either end of culvert are further impediments to passage.							





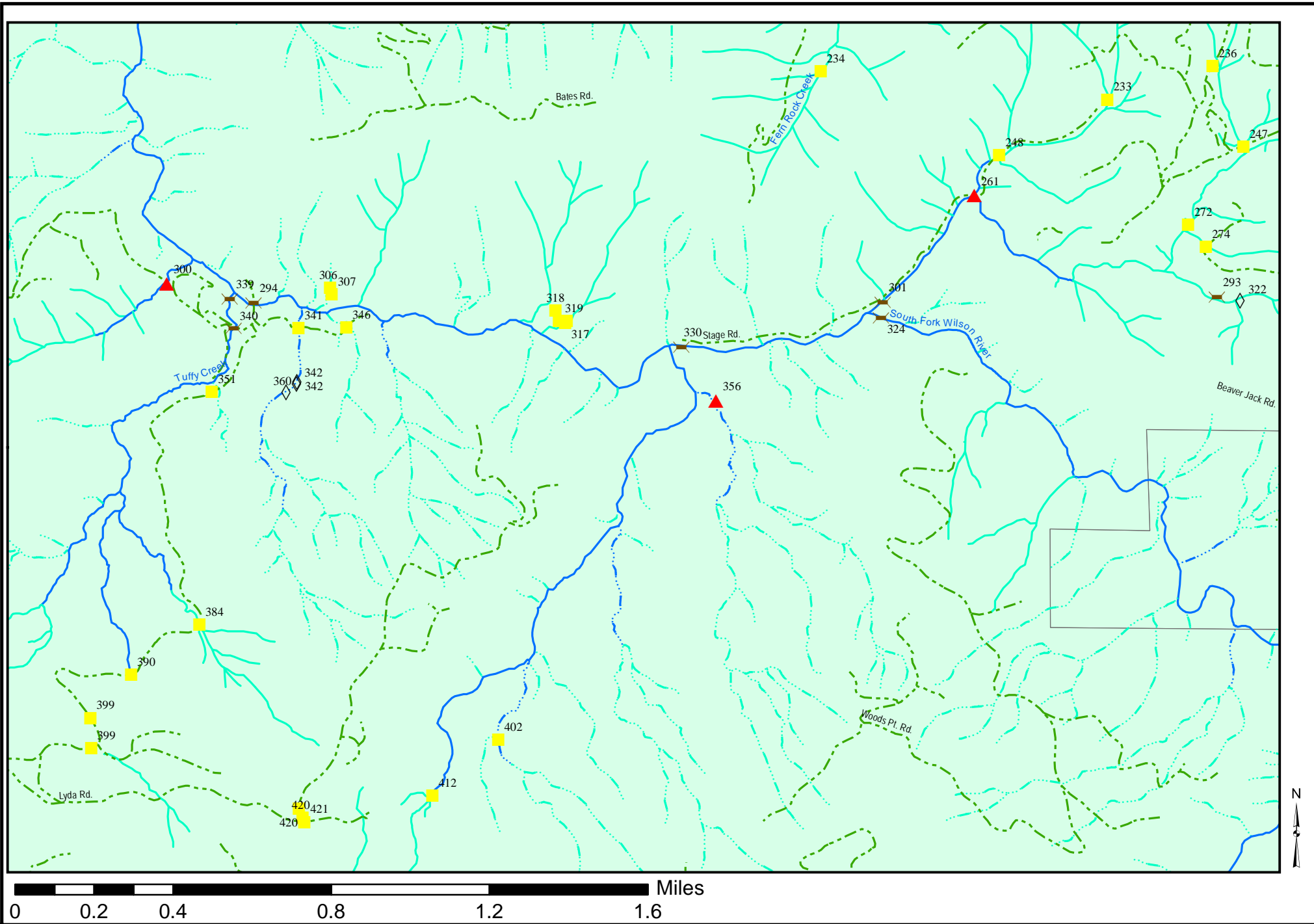
Dog Creek Area Culverts, Wilson River Basin

SOUTH FORK WILSON RIVER TRIBUTARIES CULVERTS

LOCATION INFO				Culvert #	300	Priority	L
Watershed		Wilson River		 <p align="center">Inlet</p>			
Stream Name		Unnamed tributary of S. Fork Wilson River					
Township-Range-Section-1/4		T1N R6W, Sec. 7, NE¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		463422/5048729					
Road Name		Prison Camp Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO		 <p align="center">Outlet</p>			
Shape	Pipe arch	Inlet Gradient (%)	5.1				
Material	Corrugated metal	Upstream Gradient (%)	4.0				
Length (ft)	43	Bankfull Width (ft)	9.2				
Width (in)	94	Bankfull:Culvert Ratio	0.9				
Height (in)	72						
Outlet Perch (ft)	2.2						
Gradient (%)	4.5						
Rustline Height (in)	6						
Overall Condition	Good						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.2	Habitat Points	1				
Habitat Quality	Fair	Habitat Quality Points	2				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	9				
Notes:							



LOCATION INFO				Culvert #	356	Priority	L
Watershed		Wilson River		 <p align="center">Inlet</p>			
Stream Name		Unnamed tributary of S. Fork Wilson River					
Township-Range-Section-1/4		T1N R6W, Sec. 9, SW¼ of NW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		465646/5048242					
Road Name		C-Line Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO		 <p align="center">Outlet</p>			
Shape	Pipe arch	Inlet Gradient (%)	5.2				
Material	Corrugated metal	Upstream Gradient (%)	6.5				
Length (ft)	67	Bankfull Width (ft)	11.1				
Width (in)	126	Bankfull:Culvert Ratio	0.9				
Height (in)	86						
Outlet Perch (ft)	4.3						
Gradient (%)	9.2						
Rustline Height (in)	4						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.3	Habitat Points	1				
Habitat Quality	Poor	Habitat Quality Points	1				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	8				
Notes:							



LOCATION INFO				Culvert #	261	Priority	L
Watershed		Wilson River		 <p>Inlet</p>	 <p>Outlet</p>		
Stream Name	Unnamed tributary of South Fork Wilson River						
Township-Range-Section-1/4	T1N R5W, Sec. 4, SE¼ of SE¼						
UTM Easting/Northing (Zone 10, NAD 1983)	466347/5048623						
Road Name	Stage Road						
Road/Culvert Owner	Oregon Department of Forestry						
Adjacent Landowners	Oregon Department of Forestry						
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	12.0				
Material	Corrugated metal	Upstream Gradient (%)	18.0				
Length (ft)	67	Bankfull Width (ft)	11.2				
Width (in)	57	Bankfull:Culvert Ratio	0.4				
Height (in)	57						
Outlet Perch (ft)	None						
Gradient (%)	6.0						
Rustline Height (in)	-						
Overall Condition	Good						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.1	Habitat Points	1				
Habitat Quality	Poor	Habitat Quality Points	1				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	8				
Notes:							

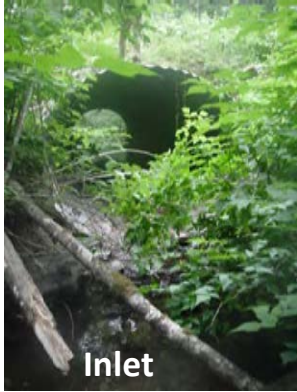





South Fork Wilson River Tributaries Culverts, Wilson River Basin

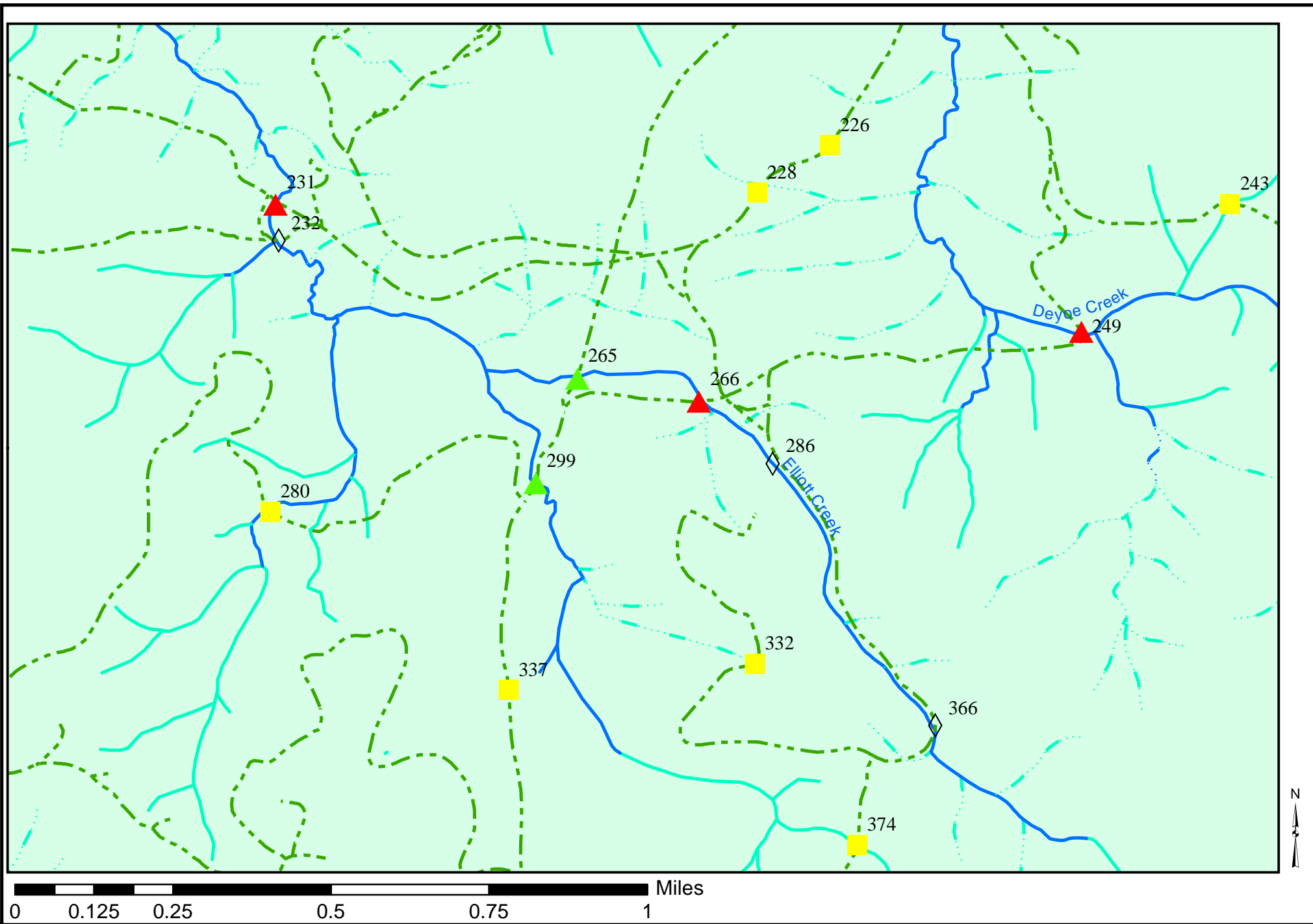
ELLIOT CREEK AREA CULVERTS

LOCATION INFO				Culvert #	231	Priority	H
Watershed		Wilson River		 <p>Inlet</p>			
Stream Name		Elliot Creek					
Township-Range-Section-1/4		T1N R6W, Sec. 2, NE¼ of SW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		469275/5049565					
Road Name		University Falls Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	8.0				
Material	Corrugated metal	Upstream Gradient (%)	5.0				
Length (ft)	80	Bankfull Width (ft)	14.3				
Width (in)	76	Bankfull:Culvert Ratio	0.4				
Height (in)	76	Crossing approx 250 ft upstream of University Falls, a complete passage barrier. Beaver dam blocking inlet in summer 2011, creating large wetland above culvert. 2012 photos.					
Outlet Perch (ft)	1.5						
Gradient (%)	1.0						
Rustline Height (in)	24						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS				 <p>Outlet</p>			
Upstream Habitat Length (mi)	3.3	Habitat Points	4				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Resident	Fish Points	2				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	12				
<p>Notes: Beaver dam gone in 2012, but small debris jam present. Inlet badly damaged and large holes on invert near inlet end of pipe.</p>							

LOCATION INFO				Culvert #	265	Priority	L
Watershed		Wilson River		 <p>Inlet</p>			
Stream Name		Elliot Creek					
Township-Range-Section-1/4		T1N R6W, Sec. 2, SE¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		470043/5049124					
Road Name		Unnamed off Beaver Dam Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	5.2				
Material	Corrugated metal	Upstream Gradient (%)	6.2				
Length (ft)	41	Bankfull Width (ft)	8.0				
Width (in)	102	Bankfull:Culvert Ratio	1.1				
Height (in)	72	Crossing approx 250 ft upstream of University Falls, a complete passage barrier. Beaver dam blocking inlet in summer 2011, creating large wetland above culvert. 2012 photos.					
Outlet Perch (ft)	0.2						
Gradient (%)	2.6						
Rustline Height (in)	5						
Overall Condition	Good						
PRIORITIZATION ANALYSIS				 <p>Outlet</p>			
Upstream Habitat Length (mi)	1.2	Habitat Points	3				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Resident	Fish Points	2				
Barrier Class	Green	Barrier Points	1				
		Prioritization Total Points	9				
<p>Notes:</p>							



LOCATION INFO				Culvert #	266	Priority	M
Watershed		Wilson River					
Stream Name		Elliot Creek					
Township-Range-Section-1/4		T1N R6W, Sec. 1, SW¼ of SW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		470343/5049056					
Road Name		Beaver Dam Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	2.4				
Material	Corrugated metal	Upstream Gradient (%)	5.2				
Length (ft)	66	Bankfull Width (ft)	9.8				
Width (in)	120	Bankfull:Culvert Ratio	1.0				
Height (in)	96						
Outlet Perch (ft)	1.1						
Gradient (%)	2.7						
Rustline Height (in)	9						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	1.0	Habitat Points	2				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Resident	Fish Points	2				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	10				
Notes:							



LOCATION INFO				Culvert #	299	Priority	L
Watershed		Wilson River					
Stream Name		Unnamed tributary to Elliot Creek					
Township-Range-Section-1/4		T1N R6W, Sec. 11, NW¼ of NE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		469924/5048854					
Road Name		Beaver Dam Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	1.1				
Material	Corrugated metal	Upstream Gradient (%)	0.7				
Length (ft)	56	Bankfull Width (ft)	12.2				
Width (in)	126	Bankfull:Culvert Ratio	0.9				
Height (in)	90						
Outlet Perch (ft)	0.1						
Gradient (%)	0.5						
Rustline Height (in)	26						
Overall Condition	Fair						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.5	Habitat Points	1				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Resident	Fish Points	2				
Barrier Class	Green	Barrier Points	1				
		Prioritization Total Points	7				
Notes: Large beaver dams just upstream and downstream of this pipe during summer 2011.							



Elliott Creek Area Culverts, Wilson River Basin

DEVILS LAKE FORK WILSON RIVER TRIBUTARIES CULVERTS

LOCATION INFO				Culvert #	249	Priority	H
Watershed		Wilson River					
Stream Name		Deyoe Creek					
Township-Range-Section-1/4		T1N R6W, Sec. 1, SW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		471310/5049236					
Road Name		Spur off of Saddle Mountain Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	4.8				
Material	Corrugated metal	Upstream Gradient (%)	5.1				
Length (ft)	50	Bankfull Width (ft)	10.6				
Width (in)	76	Bankfull:Culvert Ratio	0.6				
Height (in)	54						
Outlet Perch (ft)	0.6						
Gradient (%)	0.6						
Rustline Height (in)	12						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	1.7	Habitat Points	4				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	13				
Notes:							

LOCATION INFO				Culvert #	202	Priority	H
Watershed		Wilson River					
Stream Name		Lewis Creek					
Township-Range-Section-1/4		T2N R5W, Sec. 31, NE¼ of SW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		472642/5050895					
Road Name		Scoggins Creek Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	-8.6				
Material	Corrugated metal	Upstream Gradient (%)	0.5				
Length (ft)	54	Bankfull Width (ft)	7.8				
Width (in)	94	Bankfull:Culvert Ratio	1.0				
Height (in)	60						
Outlet Perch (ft)	None	Crew couldn't find invert of pipe below substrate, but it appears to be a pipe arch and not an open-bottomed arch.					
Gradient (%)	1.8						
Rustline Height (in)	12						
Overall Condition	Good						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.8	Habitat Points	2				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Gray	Barrier Points	3				
		Prioritization Total Points	11				
Notes:							

LOCATION INFO				Culvert #	150	Priority	L
Watershed		Wilson River					
Stream Name		Unnamed tributary of Devils Lake Fork Wilson River					
Township-Range-Section-1/4		T2N R5W, Sec. 31, SE¼ of NW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		472570/5051758					
Road Name		Powderhouse Loop Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)		9.0			
Material	Corrugated metal	Upstream Gradient (%)		0			
Length (ft)	68	Bankfull Width (ft)		Not measured			
Width (in)	78	Bankfull:Culvert Ratio		0.3			
Height (in)	54	Upstream channel width not measured.					
Outlet Perch (ft)	2.4	An ~35 ft long log formed a dam just upstream of inlet and created a pond upstream of the culvert. As a result no stream channel remained visible.					
Gradient (%)	4.7						
Rustline Height (in)	None						
Overall Condition	Good						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)		0.2	Habitat Points		1		
Habitat Quality		Fair	Habitat Quality Points		2		
Fish Species		Anad.	Fish Points		3		
Barrier Class		Red	Barrier Points		3		
			Prioritization Total Points		9		
<p>Notes: Log dam greatly restricting flows through pipe. Pipe outlets into riprap and water runs through this material before coming to the surface in the channel at the downstream end of this material. Tailwater control point was measured at the end of this placed material.</p>							



Inlet

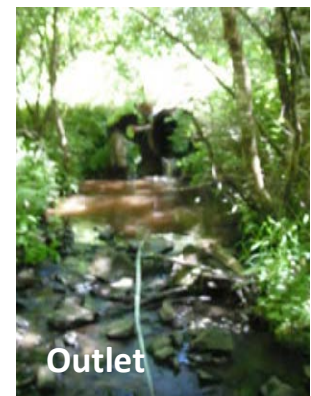


Outlet



LOCATION INFO				Culvert #	178	Priority	H
Watershed		Wilson River					
Stream Name		Unnamed tributary of Devils Lake Fork Wilson River					
Township-Range-Section-1/4		T2N R5W, Sec. 31, SE¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		473094/5050767					
Road Name		Powerhouse Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)		5.2			
Material	Corrugated metal	Upstream Gradient (%)		2.8			
Length (ft)	29	Bankfull Width (ft)		5.1			
Width (in)	36	Bankfull:Culvert Ratio		0.6			
Height (in)	36	According to ODF staff, this pipe is scheduled to be replaced in preparation for an upcoming timber sale.					
Outlet Perch (ft)	1.3						
Gradient (%)	2.3						
Rustline Height (in)	10						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)		0.6	Habitat Points		2		
Habitat Quality		Good	Habitat Quality Points		3		
Fish Species		Anad.	Fish Points		3		
Barrier Class		Red	Barrier Points		3		
			Prioritization Total Points		11		
<p>Notes: Inlet was badly damaged, resulting in an ~12 inch cascade into the pipe</p>							







Inlet

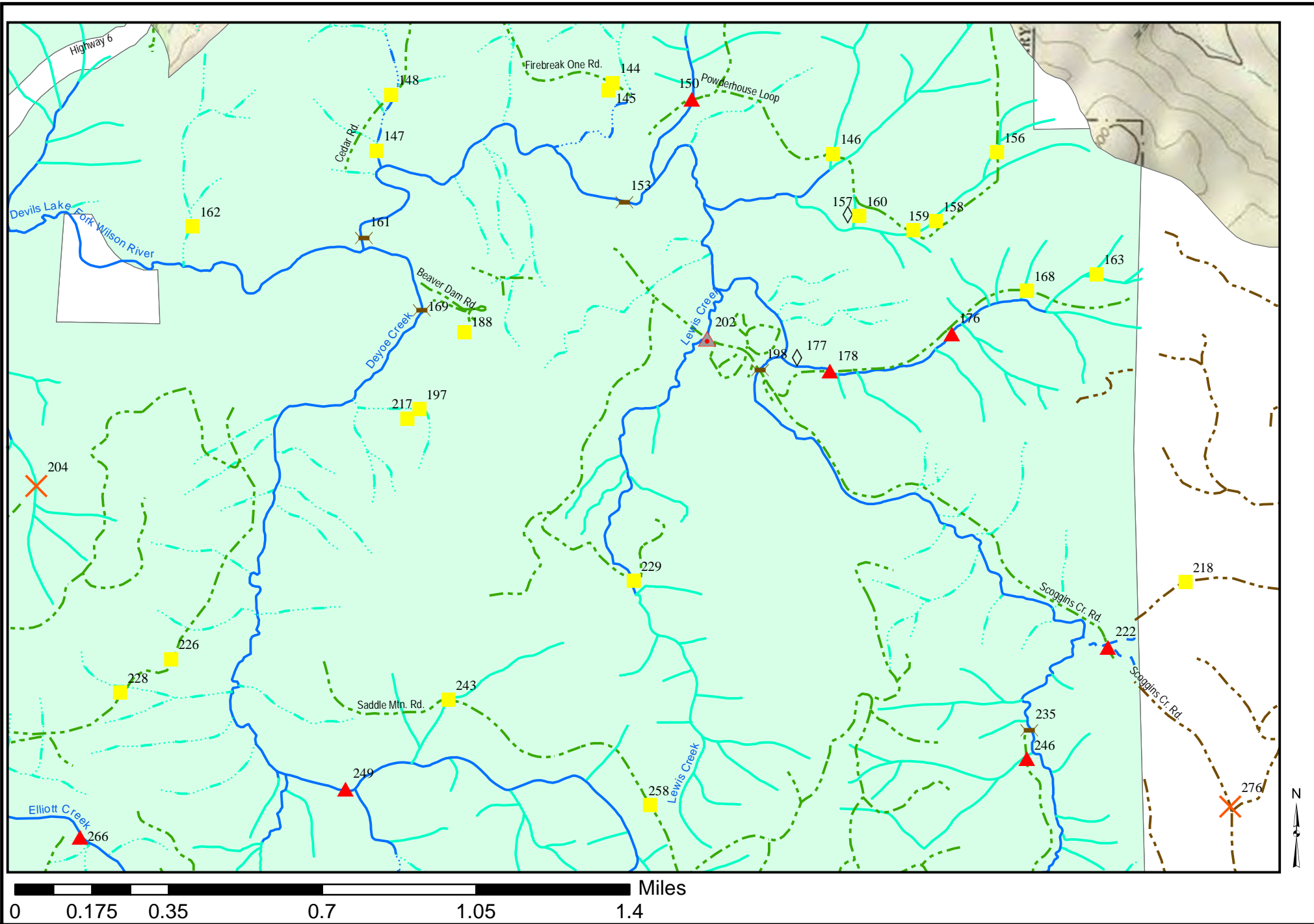


Outlet

LOCATION INFO				Culvert #	176	Priority	M
Watershed		Wilson River		 			
Stream Name		Unnamed tributary of Devils Lake Fork Wilson River					
Township-Range-Section-1/4		T2N R5W, Sec. 31, NW¼ of SE¼					
UTM Easting/Northing (Zone 10, NAD 1983)		473526/5050908					
Road Name		#7 Clyde's Trail					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	-31.8				
Material	Corrugated metal	Upstream Gradient (%)	0				
Length (ft)	34	Bankfull Width (ft)	44*				
Width (in)	48	Bankfull:Culvert Ratio	0.1				
Height (in)	48	According to ODF staff, this pipe is scheduled to be replaced in preparation for an upcoming timber sale.					
Outlet Perch (ft)	None						
Gradient (%)	8.3						
Rustline Height (in)	42						
Overall Condition	Critical						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.3	Habitat Points	1				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	10				
Notes: Pipe barrel deformed and invert highly corroded. Inlet nearly completely blocked with wood and sediment. *Series of beaver ponds along this stream. Inlet drains one of these ponds, and the culvert blockage noted below likely due to beaver activities.							

LOCATION INFO				Culvert #	222	Priority	M
Watershed		Wilson River		 			
Stream Name		Unnamed tributary of Devils Lake Fork Wilson River					
Township-Range-Section-1/4		T1N R5W, Sec. 5, SE¼ of NW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		474112/5049754					
Road Name		Scoggins Creek Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Pipe arch	Inlet Gradient (%)	-18.1				
Material	Corrugated metal	Upstream Gradient (%)	-1.1				
Length (ft)	50	Bankfull Width (ft)	13.2				
Width (in)	108	Bankfull:Culvert Ratio	0.7				
Height (in)	74						
Outlet Perch (ft)	2.0						
Gradient (%)	-0.2						
Rustline Height (in)	34						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.5	Habitat Points	1				
Habitat Quality	Good	Habitat Quality Points	3				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	10				
Notes: As of September 2012, this culvert has been replaced with a rail car bridge and this crossing no longer impedes fish passage.							

LOCATION INFO				Culvert #	246	Priority	L
Watershed		Wilson River					
Stream Name	Unnamed tributary of Devils Lake Fork Wilson River						
Township-Range-Section-1/4		T1N R5W, Sec. 5, NW¼ of NW¼					
UTM Easting/Northing (Zone 10, NAD 1983)		473811/5049357					
Road Name		OHV Trail off of Scoggins Creek Road					
Road/Culvert Owner		Oregon Department of Forestry					
Adjacent Landowners		Oregon Department of Forestry					
CULVERT INFO		CHANNEL INFO					
Shape	Circular	Inlet Gradient (%)	-15.0				
Material	Corrugated metal	Upstream Gradient (%)	8.5				
Length (ft)	34	Bankfull Width (ft)	4.4				
Width (in)	18	Bankfull:Culvert Ratio	0.3				
Height (in)	18						
Outlet Perch (ft)	2.6						
Gradient (%)	4.2						
Rustline Height (in)	8						
Overall Condition	Poor						
PRIORITIZATION ANALYSIS							
Upstream Habitat Length (mi)	0.1	Habitat Points	1				
Habitat Quality	Poor	Habitat Quality Points	1				
Fish Species	Anad.	Fish Points	3				
Barrier Class	Red	Barrier Points	3				
		Prioritization Total Points	8				
<p>Notes: This stream designated nonfish. However, it is a tributary to a known fishbearing stream and the lower portion appears to provide suitable habitat for fish. Thus, for this project we considered this stream as capable of supporting fish upstream to where it branches into two smaller headwater tributaries.</p>							



Devils Lake Fork Wilson River Tributaries Culverts, Wilson River Basin