

Appendix B.
RCA Data Sheets

RCA # 6-1

Plan Amendment

- Yes
 No

Map Sheet: 12

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: CMP

Road Width Range: 11'-13'

Dominant Vegetation Community: Mixed Chaparral – desert transition

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This site contains annual grasses (*Bromus* sp.) with some short-joint beavertail (*Opuntia basilaris brachyclada*) up on the hill out of the A.P.E. Other plant species present include mountain mahogany (*Cercocarpus betuloides*), goldenbush (*Ericameria* sp.), buckwheat (*Eriogonum fasciculatum*), hairy yerba santa (*Eriodictyon trichocalyx*), chamise (*Adenostoma fasciculatum*), and bigberry manzanita (*Arctostaphylos glauca*).

Riparian Dependent Sensitive Species & Special Considerations:



Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.







View along unnamed non-Forest System road showing mixed chaparral along road and upland.



View towards upstream portion of unnamed drainage. Note lack of riparian vegetation.

RCA # 6-2		Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Map Sheet: 12			
Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral			
Substrate: Cobble/Bedrock						
Road #: Unnamed non-Forest System road		Crossing Type: Arizona	Road Width Range: 10'			
Dominant Vegetation Community: Mixed Chaparral – desert transition			% Canopy: 0	% Invasive: 5		
			Type: Annual grasses			
Trees in RCA Buffer within 5' of Existing Road:						
DBH	Pinyon Pine	Oak				
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	1					
>20"		1				
<p>Description: This site contains annual grasses (<i>Bromus</i> sp.) with pinyon pine (<i>Pinus monophylla</i>), big sagebrush (<i>Artemisia tridentata</i>), scrub oak (<i>Quercus</i> sp.), goldenbush (<i>Ericameria</i> sp.), tarragon (<i>Artemisia dracunculus</i>), buckwheat (<i>Eriogonum fasciculatum</i>), hummingbird trumpet (<i>Epilobium canum</i>), chaparral yucca (<i>Yucca whipplei</i>), and mountain mahogany (<i>Cercocarpus betuloides</i>).</p>						
Riparian Dependent Sensitive Species & Special Considerations:						
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.						
						
View along unnamed non-Forest System road. Scrubby vegetation is dense along roadside.			View towards downstream portion of unnamed drainage. Note no riparian vegetation.			

RCA # 6-3		Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Map Sheet: 12	
Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral	
Substrate: Gravel				
Road #: Unnamed non-Forest System road		Crossing Type: CMP	Road Width Range: 10'-11'	
Dominant Vegetation Community: Mixed Chaparral – desert transition			% Canopy: 0	% Invasive: 5 Type: Annual grasses
Trees in RCA Buffer within 5' of Existing Road:				
DBH	Oak			
0 – 3"				
3 – 6"				
6 – 10"	3			
10 – 20"	1			
>20"				
<p>Description: This area is very dry. The habitat is mainly mixed chaparral. Plant species present include buckwheat (<i>Eriogonum fasciculatum</i>), goldenbush (<i>Ericameria</i> sp.), tarragon (<i>Artemisia dracunculus</i>), thick-leaf yerba santa (<i>Eriodictyon crassifolium</i>), chamise (<i>Adenostoma fasciculatum</i>), holly-leaf cherry (<i>Prunus ilicifolia</i>), scrub oak (<i>Quercus</i> sp.), and big sagebrush (<i>Artemisia tridentata</i>).</p>				
Riparian Dependent Sensitive Species & Special Considerations:				
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.				
				
View along unnamed non-Forest System road. Note chaparral along roadside.		View west towards downstream portion of unnamed drainage. Note lack of riparian vegetation.		

RCA # 6-4	Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Map Sheet: 12			
Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral		
Substrate: Sand/Gravel					
Road #: Unnamed non-Forest System road		Crossing Type: Arizona	Road Width Range: 9'-12'		
Dominant Vegetation Community: Mixed Chaparral			% Canopy: 0	% Invasive: 5 Type: Annual grasses	
Trees in RCA Buffer within 5' of Existing Road:					
DBH					
0 – 3"					
3 – 6"					
6 – 10"					
10 – 20"					
>20"					
Description: This area is very dry with mixed chaparral habitat. There are short-joint beavertail (<i>Opuntia basilarus brachyclada</i>) up on the hill, out of the A.P.E. Other plant species present include buckwheat (<i>Eriogonum fasciculatum</i>), chamise (<i>Adenostoma fasciculatum</i>), chaparral yucca (<i>Yucca whipplei</i>), hollyleaf cherry (<i>Prunus ilicifolia</i>), scrub oak (<i>Quercus</i> sp.), and goldenbush (<i>Ericameria</i> sp.).					
Riparian Dependent Sensitive Species & Special Considerations:					
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.					
 <p data-bbox="142 1696 787 1749">View along unnamed non-Forest System road. Mixed chaparral habitat is patchy. No riparian vegetation is present.</p>			 <p data-bbox="820 1696 1464 1749">View towards upstream portion of unnamed drainage. Note open channel and lack of riparian vegetation in drainage.</p>		

RCA # 6-5

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Unnamed tributary to Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand

Road #: 4N18.1 (Lynx Gulch Road)

Crossing Type: CMP

Road Width Range: 7'-9'

Dominant Vegetation Community: Southern Cottonwood-Willow Riparian Forest

% Canopy: 15

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Coulter Pine	Willow			
0 – 3"						
3 – 6"	4					
6 – 10"	1					
10 – 20"	3		3			
>20"	1	1				

Description: This intermittent drainage was dry at time of the survey. There is southern cottonwood-willow riparian forest at the crossing, transitioning to meadow east of the crossing. There is a diverse plant assemblage. Plants include tarragon (*Artemisia dracunculus*), Fremont cottonwood (*Populus fremontii*), coffee berry (*Rhamnus californica*), western bracken fern (*Pteridium aquilinum*), arroyo willow (*Salix lasiolepis*), California goldenrod (*Solidago californica*), scrub oak (*Quercus* sp.), dogbane (*Apocynum* sp.), and interior live oak (*Quercus wislizeni*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Lynx Gulch Road (4N18.1). Vegetation is dense along roadsides.



View from Lynx Gulch Road (4N18.1) towards upstream portion of unnamed tributary to Mill Creek. Note density of vegetation.

RCA # 6-6

Plan Amendment

- Yes
- No

Map Sheet: 14

Water Body: Unnamed tributary to Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 7'-8'

Dominant Vegetation Community: Southern Cottonwood-Willow Riparian Forest

% Canopy: 15

% Invasive: <5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Willow				
0 – 3"						
3 – 6"						
6 – 10"	7	3				
10 – 20"	11					
>20"	1					

Description: This intermittent drainage was dry at the time of the survey. This drainage contains southern cottonwood-willow riparian forest. There are many oaks (*Quercus* sp.) along road. Other plants present include arroyo willow (*Salix lasiolepis*), red willow (*Salix laevigata*), tarragon (*Artemisia dracunculus*), California wildrose (*Rosa californica*), California goldenrod (*Solidago californica*), mugwort (*Artemisia douglasiana*), and coffee berry (*Rhamnus californica*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed non-Forest System road. Stream cuts deeply into road here. Note dense riparian vegetation along narrow road.



View towards upstream portion of unnamed tributary to Mill Creek. Note dense riparian vegetation.

RCA # 6-7

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Unnamed tributary to Mill Creek

Substrate: Sand/Gravel

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 8'-9'

Dominant Vegetation Community: Southern Cottonwood-Willow Riparian Forest

% Canopy: 15

% Invasive: 5

Type: Sweetclover

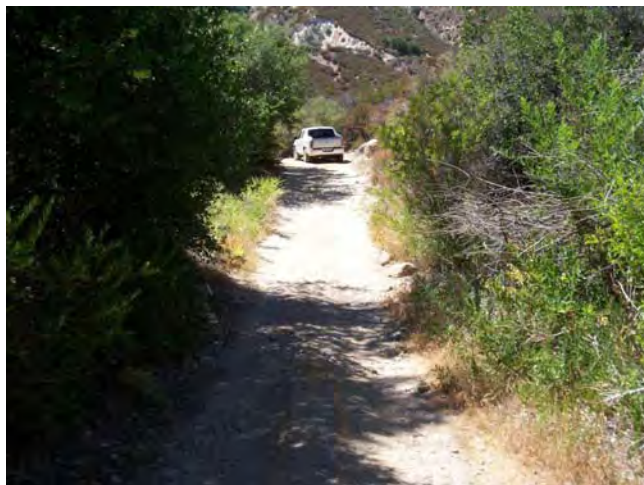
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Cottonwood	Willow			
0 – 3"	1					
3 – 6"						
6 – 10"		1	2			
10 – 20"	6					
>20"	6	1				

Description: This intermittent drainage contains Southern cottonwood-willow riparian forest habitat. There is an abundance of exotic sweetclover (*Melilotus* sp.) throughout the area. Other plant species present include dogbane (*Apocynum* sp.), mugwort (*Artemisia douglasiana*), interior live oak (*Quercus wislizeni*), bracken fern (*Pteridium aquilinum*), arroyo willow (*Salix lasiolepis*), and tarragon (*Artemisia dracunculus*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed non-Forest System road. Road is narrow with dense vegetation abutting.



View towards downstream portions of unnamed tributary to Mill Creek. Note dense riparian vegetation.

RCA # 6-8

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Unnamed tributary to Mill Creek

Substrate: Sand/Gravel/Cobble

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 9'-10'

Dominant Vegetation Community: Southern Cottonwood-Willow Riparian Forest

% Canopy: 5

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak				
0 – 3"						
3 – 6"						
6 – 10"		1				
10 – 20"	1	8				
>20"		2				

Description: The habitat in the main drainage is southern cottonwood-willow riparian forest. Plant species present include dogbane (*Apocynum* sp.), tarragon (*Artemisia dracunculus*), coffee berry (*Rhamnus californica*), arroyo willow (*Salix lasiolepis*), interior live oak (*Quercus wislizeni*), and skunkbush sumac (*Rhus trilobata*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed non-Forest System road. Note dense riparian vegetation along roadside.



View towards downstream portion of unnamed tributary to Mill Creek. Note dense riparian vegetation.

RCA # 6-9

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Upland watershed unnamed tributary to Mill Creek

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 9'

Dominant Vegetation Community: Oak Woodland and Mixed Chaparral.

% Canopy: 5-15

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Sycamore	Red Willow			
0 – 3"						
3 – 6"						
6 – 10"	9					
10 – 20"	18		1			
>20"	3	1				

Description: The habitat is mostly mixed chaparral with scattered patches of oak woodland. Plant species present include dogbane (*Apocynum* sp.), tarragon (*Artemisia dracunculus*), coffee berry (*Rhamnus californica*), arroyo willow (*Salix lasiolepis*), interior live oak (*Quercus wislizeni*), California sycamore (*Platanus racemosa*), red willow (*Salix laevigata*), and skunkbush sumac (*Rhus trilobata*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed non-Forest System road. Note vegetation encroaching road.



View towards downstream portion of unnamed tributary to Mill Creek.

RCA # 6-10

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Upland watershed unnamed tributary to Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 4N18.1 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Oak-Willow Riparian Forest

% Canopy: 10

% Invasive: <5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Willow				
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	1	1				
>20"	1	2				

Description: This intermittent drainage was dry at the time of the survey. The habitat consists of oak-willow riparian forest. Plant species present include arroyo willow (*Salix lasiolepis*), tarragon (*Artemisia dracunculus*), skunkbush sumac (*Rhus trilobata*), scarlet keckiella (*Keckiella ternata*), and hairy yerba santa (*Eriodictyon trichocalyx*). The habitat transitions to mixed chaparral away from the drainage.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Lynx Gulch Road (4N18.1). Note dense vegetation adjacent to road.



View from Lynx Gulch Road (4N18.1) towards upstream portion of unnamed tributary to Mill Creek. Note dense vegetation.

RCA # 6-11

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Upland watershed unnamed tributary to Mill Creek

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 4N18.1 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Oak-Willow Riparian Forest

% Canopy: 5

% Invasive: 5

Type: Annual grasses

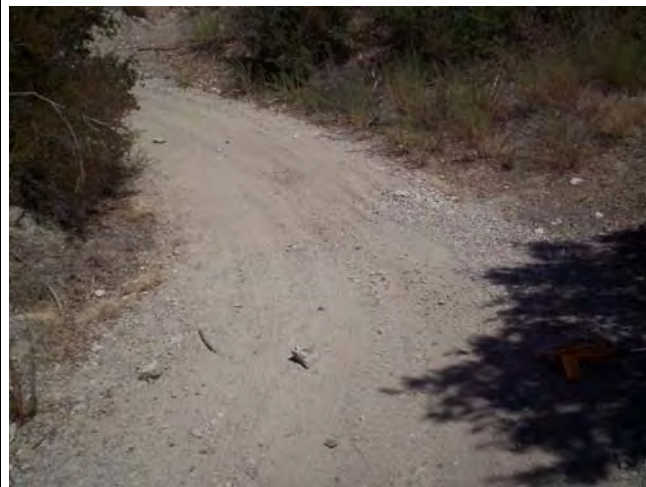
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	3					
>20"	2					

Description: This dry, ephemeral drainage consists of oak-willow riparian forest. Plant species present include canyon live oak (*Quercus chrysolepis*), arroyo willow (*Salix lasiolepis*), mulefat (*Baccharis salicifolia*), coffee berry (*Rhamnus californica*), and tarragon (*Artemisia dracunculus*). The habitat transitions to mixed chaparral away from the drainage.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Lynx Gulch Road (4N18.1).



View from Lynx Gulch Road (4N18.1) towards upstream portion of unnamed tributary to Mill Creek. Drainage is densely vegetated.

RCA # 6-12

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 7'-9'

Dominant Vegetation Community: Southern Sycamore-Alder Riparian Woodland

% Canopy: 50

% Invasive: 5

Type: Sweetclover

Trees in RCA Buffer within 5' of Existing Road:

DBH	Red Willow	Sycamore	Alder	Oak		
0 – 3"						
3 – 6"						
6 – 10"	7			1		
10 – 20"	3			12		
>20"		5	2	9		

Description: This intermittent drainage contains southern sycamore-alder riparian woodland habitat. Exotic sweet clover (*Melilotus* sp.) is present. Other plant species include arroyo willow (*Salix lasiolepis*), red willow (*Salix laevigata*), alder (*Alnus rhombifolia*), California sycamore (*Platanus racemosa*), mugwort (*Artemisia douglasiana*), blackberry (*Rubus* sp.), California wildrose (*Rosa californica*), California goldenrod (*Solidago californica*), and skunkbush sumac (*Rhus trilobata*).

Riparian Dependent Sensitive Species & Special Considerations:



Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed non-Forest System road. Note narrow road, dense canopy and riparian vegetation encroaching road.



View towards upstream portion of Mill Creek. Note dense, mature riparian vegetation.

RCA # 6-13	Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Map Sheet: 14		
Water Body: Unnamed tributary to Mill Creek	Buffer: Edge	Stream Type:		
Substrate: Sand/Gravel		<input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral		
Road #: 4N18.1 (Lynx Gulch Road)	Crossing Type: Arizona	Road Width Range: 9'-12'		
Dominant Vegetation Community: Mixed Chaparral, Oak Woodland		% Canopy: 5	% Invasive: 25	
		Type: Annual grasses		
Trees in RCA Buffer within 5' of Existing Road:				
DBH				
0 – 3"				
3 – 6"				
6 – 10"				
10 – 20"				
>20"				
<p>Description: This intermittent drainage was dry at the time of the survey. The habitat consists of oak woodland upstream of the road crossing and mixed chaparral downstream of the crossing. Other plant species present include willowherb (<i>Epilobium</i> sp.), tarragon (<i>Artemisia dracunculus</i>), mugwort (<i>Artemisia douglasiana</i>), and mountain mahogany (<i>Cercocarpus betuloides</i>). Canyon live oak (<i>Quercus chrysolepis</i>) is present upstream in drainage, away from road crossing. Site has invasive grasses and no trees.</p>				
Riparian Dependent Sensitive Species & Special Considerations:				
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.				
				
View along Lynx Gulch Road (4N18.1). Note abundance of non-native grasses.		View from Lynx Gulch Road (4N18.1) towards downstream portion of unnamed tributary to Mill Creek. Note abundance of non-native grasses.		

RCA # 6-14

Plan Amendment

- Yes
 No

Map Sheet: 14

Water Body: Upland watershed unnamed tributary to Mill Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 4N18.1 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 8'-14'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 0

Type: N/A

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry, ephemeral drainage containing mainly mixed chaparral in the upland. Other plant species present include buckwheat (*Eriogonum fasciculatum*), chaparral whitethorn (*Ceanothus leucodermis*), mountain mahogany (*Cercocarpus betuloides*), and elderberry (*Sambucus mexicana*). On the western edge outside of the RCA, one >20" oak will need to be trimmed during road widening activities.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad



Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Lynx Gulch Road (4N18.1). Note sandy substrate and open sandy areas.



View from Lynx Gulch Road (4N18.1) towards downstream portion of unnamed tributary to Mill Creek. Note high density of buckwheat.

RCA # 6-15	Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Map Sheet: 15		
Water Body: Monte Cristo Creek	Buffer: 100 m	Stream Type:		
Substrate: Sand/Gravel/Cobble		<input type="checkbox"/> Perennial <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral		
Road #: 4N18.1 (Lynx Gulch Road)	Crossing Type: Arizona	Road Width Range: 10'-11'		
Dominant Vegetation Community: Willow-Mulefat Scrub		% Canopy: 0	% Invasive: 5-10	
			Type: Annual grasses	
Trees in RCA Buffer within 5' of Existing Road:				
DBH				
0 – 3"				
3 – 6"				
6 – 10"				
10 – 20"				
>20"				
<p>Description: This area borders private lands. This intermittent drainage was dry at the time of the survey. The habitat consists of willow-mulefat scrub transitioning to mixed chaparral as you travel away from drainage. This area contains annual grasses (<i>Bromus</i> sp.) and no trees. Other plant species present include mulefat (<i>Baccharis salicifolia</i>), buckwheat (<i>Eriogonum fasciculatum</i>), broomsage (<i>Lepidospartum</i> sp.), tarragon (<i>Artemisia dracunculus</i>), and dock (<i>Rumex</i> sp.).</p>				
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad				
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.				
				
View along Lynx Gulch Road (4N18.1). Note dense scrubby vegetation along roadside.		View from Lynx Gulch Road (4N18.1) towards upstream portion of Monte Cristo Creek. Note sandy, open channel.		

RCA # 6-16 to 6-18

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Mud/Gravel

Road #: 4N18.1 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 8'-11'

Dominant Vegetation Community: Alder-Willow Riparian Forest

% Canopy: 30-100

% Invasive: 10

Type: Annual grasses, sweetclover

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Alder	Oak			
0 – 3"						
3 – 6"						
6 – 10"	8					
10 – 20"	7		4			
>20"	2	3				

Description: These drainages consist of alder-willow riparian forest. Invasive grasses and exotic sweet clover (*Melilotus* sp.) are present throughout the area. Other plants present include white alder (*Alnus rhombifolia*), willows (*Salix* spp.), mugwort (*Artemisia douglasiana*), stinging nettle (*Urtica dioica*), California blackberry (*Rubus ursinus*), and rushes (*Juncus* sp.). Points 6-16 through 6-18 are combined due to their proximity to each other; however, Point 6-17 is an ephemeral drainage.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad.

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Lynx Gulch Road (4N18.1) from between Crossings 6-16 and 6-17. Note narrow width of road with mature trees along roadside.



View along Lynx Gulch Road (4N18.1) just north of crossing. Note dense vegetation on sides of road.

RCA # 6-19	Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Map Sheet: 15				
Water Body: Unnamed tributary to Monte Cristo Creek	Buffer: 1 mile	Stream Type: <input type="checkbox"/> Perennial <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> <input type="checkbox"/> Ephemeral <input checked="" type="checkbox"/>				
Substrate: Sand/Gravel						
Road #: 3N23 (Monte Cristo Creek Road)	Crossing Type: Arizona	Road Width Range: 7'-11'				
Dominant Vegetation Community: Alder-Willow Riparian Forest		% Canopy: 50-75	% Invasive: 20			
		Type: Arundo				
Trees in RCA Buffer within 5' of Existing Road:						
DBH	Oak	Alder	Willow	Walnut		
0 – 3"						
3 – 6"						
6 – 10"	5					
10 – 20"	4			1		
>20"	13	1	1			
<p>Description: This ephemeral drainage consists of alder-willow riparian forest transitioning to oak woodland away from drainage. There is a large stand of exotic giant reed (<i>Arundo donax</i>). Other plant species include canyon live oak (<i>Quercus chrysolepis</i>), mulefat (<i>Baccharis salicifolia</i>), tarragon (<i>Artemisia dracunculus</i>), white alder (<i>Alnus rhombifolia</i>), arroyo willow (<i>Salix lasiolepis</i>), and blackberry (<i>Rubus</i> sp.).</p>						
<p>Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad.</p>						
<p>Plan Amendment Rationale: Within potential arroyo toad habitat; would require the removal and/or trimming of riparian vegetation and mature trees.</p>						



View along Monte Cristo Creek Road (3N23). Note mature oaks present in this area and steep road cut on upward slope.



View from Monte Cristo Creek Road (3N23) just north of crossing. Note invasive giant reed that dominates eastern bank of Monte Cristo Creek at this location.

RCA # 6-20

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek

Substrate: Sand/Gravel/Cobble

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 9'-10'

Dominant Vegetation Community: Southern Mixed Willow Scrub

% Canopy: 0

% Invasive: 20

Type: Annual grasses, sweetclover

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"						
>20"						

Description: This is a sandy, intermittent drainage with southern mixed willow scrub at the crossing, transitioning to mixed chaparral/alluvial fan scrub away from the crossing. Plant species present include mulefat (*Baccharis salicifolia*), arroyo willow (*Salix lasiolepis*), broomsage (*Lepidospartum* sp.), hollyleaf redberry (*Rhamnus ilicifolia*), and thicket leaf yerba santa (*Eriodictyon crassifolium*). Sweetclover (*Melilotus* sp.) and annual grasses are also present. The road widens to an 18' wide turnout just north of the crossing point.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Monte Cristo Creek Road (3N23). Note sandy substrate.



View along Monte Cristo Creek Road (3N23) just north of crossing. Note barren area at turnout.

RCA # 6-21

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Unnamed tributary to Monte Cristo Creek

Substrate: Sand/Gravel

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 9'

Dominant Vegetation Community: Alluvial Fan Scrub

% Canopy: 0

% Invasive: 10-15

Type: Arundo

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry, ephemeral, terraced drainage containing alluvial fan scrub habitat with a patch of invasive giant reed (*Arundo donax*). Trees are not present at this crossing. Plant species present include mulefat (*Baccharis salicifolia*), buckwheat (*Eriogonum fasciculatum*), tarragon (*Artemisia dracunculus*), and short-joint beavertail (*Opuntia basilaris brachyclada*). The short-joint beavertail was located greater than 5' from road and would not likely be impacted by road improvement activities.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation; arundo removal.



View along Monte Cristo Creek Road (3N23). Note *Arundo donax* on right side of road.



View from Monte Cristo Creek Road (3N23) towards upstream portion of drainage. Note OHV tracks within drainage.

RCA # 6-22

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek and unnamed tributary

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 10'-11'

Dominant Vegetation Community: Alluvial Fan Scrub

% Canopy: 0

% Invasive: 10

Type: Annual grasses

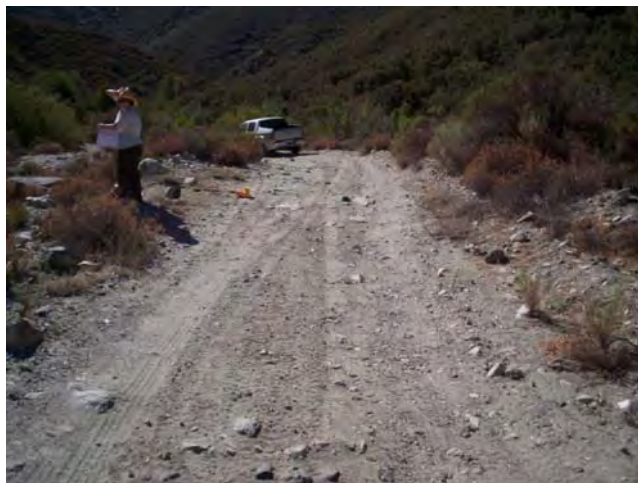
Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This intermittent drainage parallels the road (see photo below). Habitat consists of alluvial fan scrub with short-joint beavertail (*Opuntia basilaris brachyclada*), mulefat (*Baccharis salicifolia*), buckwheat (*Eriogonum fasciculatum*), tarragon (*Artemisia dracunculus*), broomsage (*Lepidospartum* sp.), and sand aster (*Lessingia filaginifolia*). Low density of annual grasses present.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad; short-joint beavertail cactus (Forest Service Sensitive).

Plan Amendment Rationale: Would not require the trimming and/or removal of riparian vegetation or mature trees.



View along Monte Cristo Creek Road (3N23). Note Alluvial Fan Scrub on either side of the road.



View from Monte Cristo Creek Road (3N23) along Monte Cristo Creek towards upstream portion of drainage. Note road parallels the northern bank of Monte Cristo Creek.

RCA # 6-23

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek and unnamed tributary

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Alder Riparian Forest/Mixed Willow Scrub

% Canopy: 15

% Invasive: 25

Type: Sweetclover

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"	1					
3 – 6"	1					
6 – 10"						
10 – 20"						
>20"						

Description: This intermittent drainage was dry at time of survey. The habitat consists of mature, multi-canopied riparian habitat with alder riparian forest overstory and mixed willow scrub understory. Other plant species present include white alder (*Alnus rhombifolia*), red willow (*Salix laevigata*), a variety of other willows (*Salix* spp.), coffee berry (*Rhamnus californica*), dogbane (*Apocynum* sp.), and big sagebrush (*Artemisia tridentata*). There is a heavy infestation of sweetclover (*Melilotus* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees; would require the diversion or disruption of flowing water.



View along Monte Cristo Creek Road (3N23). Note debris on right side of road.



View from Monte Cristo Creek Road (3N23) towards upstream portion of drainage. Note multi-canopied riparian forest.

RCA # 6-24

Plan Amendment

- Yes
- No

Map Sheet: 15

Water Body: Monte Cristo Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 7'-9'

Dominant Vegetation Community: Alder-Willow Riparian Forest

% Canopy: 60

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder	Willow	Oak			
0 – 3"						
3 – 6"			1			
6 – 10"			3			
10 – 20"						
>20"	1	1	3			

Description: Intermittent drainage containing damp soil at time of survey. Habitat consists of alder-willow riparian forest. Plant species observed include white alder (*Alnus rhombifolia*), coffeeberry (*Rhamnus californica*), mugwort (*Artemisia douglasiana*), California goldenrod (*Solidago californica*), California wild rose (*Rosa californica*), poison oak (*Toxicodendron diversilobum*), California blackberry (*Rubus ursinus*), and interior live oaks (*Quercus wislizeni*). Habitat transitions to alluvial fan scrub outside of drainage.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad



Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Monte Cristo Creek Road (3N23). Note very narrow road width with encroaching vegetation.



View from Monte Cristo Creek Road (3N23) towards downstream portion of drainage. Vegetation is dense, multi-canopied riparian forest in this area.

RCA # 6-25		Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Map Sheet: 15	
Water Body: Monte Cristo Creek and unnamed tributary		Buffer: 30 m	Stream Type: <input type="checkbox"/> Perennial <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral	
Substrate: Sand/Gravel/Cobble				
Road #: 3N23 (Monte Cristo Creek Road)		Crossing Type: Arizona	Road Width Range: 10'-13', 19'	
Dominant Vegetation Community: Willow-Mulefat Scrub			% Canopy: 0	% Invasive: 25 Type: Sweetclover, annual grasses
Trees in RCA Buffer within 5' of Existing Road:				
DBH	Oak			
0 – 3"	2			
3 – 6"	2			
6 – 10"	7			
10 – 20"	1			
>20"				
Description: This intermittent drainage is dominated by willow-mulefat scrub habitat. Interior live oaks (<i>Quercus wislizeni</i>) are also present just east of the crossing. There were many PVC and metal pipe segments found between the roadside and the active creek bed. Other plants present include non-native grasses, exotic sweetclover (<i>Melilotus</i> sp.), mulefat (<i>Baccharis salicifolia</i>), red willow (<i>Salix laevigata</i>), dogbane (<i>Apocynum</i> sp.), tarragon (<i>Artemisia dracunculus</i>), mugwort (<i>Artemisia douglasiana</i>), thicketleaf yerba santa (<i>Eriodictyon crassifolium</i>), buckwheat (<i>Eriogonum fasciculatum</i>), longstem buckwheat (<i>Eriogonum elongatum</i>).				
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad				
Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.				
				
View along Monte Cristo Creek Road (3N23). Note narrow road width.		View from Monte Cristo Creek Road (3N23) along southern bank of Monte Cristo Creek. Riparian vegetation is adjacent the road.		

RCA # 6-26

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek and unnamed tributary

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 9'

Dominant Vegetation Community: Mixed Willow Scrub

% Canopy: 5

% Invasive: 30

Type: Sweetclover

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This intermittent drainage has habitat consisting of Mixed Willow Scrub. One Fremont cottonwood (*Populus fremontii*) is present. Other plant species present include exotic sweetclover (*Melilotus* sp.), California goldenrod (*Solidago californica*), mugwort (*Artemisia douglasiana*), threadleaf ragwort (*Senecio flaccidus*), hollyleaf cherry (*Prunus ilicifolia*), tarragon (*Artemisia dracunculus*), and arroyo willow (*Salix lasiolepis*). There are also some oaks (*Quercus* sp.) that are very close to the crossing point, but are outside of the 5' buffer along the road.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Monte Cristo Creek Road (3N23). Depression and rills in roadway indicate water flows in road during precipitation events.



View from Monte Cristo Creek Road (3N23) towards downstream portion of drainage. Note narrow sandy channel.

RCA # 6-27

Plan Amendment

Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek

Substrate: Sand/Gravel/Cobble

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 13'

Dominant Vegetation Community: Alder-Willow Riparian Forest

% Canopy: 60

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder					
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"	2					

Description: This intermittent drainage was dry at the time of the survey. The habitat is mainly a multi-canopied riparian forest. Plants present include annual grasses (*Bromus* sp.), red willow (*Salix laevigata*), arroyo willow (*Salix lasiolepis*), white alder (*Alnus rhombifolia*), tarragon (*Artemisia dracuncululus*), mugwort (*Artemisia douglasiana*), and California blackberry (*Rubus ursinus*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Monte Cristo Creek Road (3N23). Canopy cover is approximately 60% at this crossing.



View from Monte Cristo Creek Road (3N23) towards upstream portion of Monte Cristo Creek. Note presence of downed log and other woody debris.

RCA # 6-28

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Monte Cristo Creek and unnamed tributary

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Arizona

Road Width Range: 10'

Dominant Vegetation Community: Mixed Willow Scrub

% Canopy: 0

% Invasive: 40

Type: Sweetclover, annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This intermittent drainage was dry at the time of the survey. The habitat consists of mixed willow scrub. Other plants present include non-native grasses, exotic sweetclover (*Melilotus* sp.), arroyo willow (*Salix lasiolepis*), dogbane (*Apocynum* sp.), mugwort (*Artemisia douglasiana*), tarragon (*Artemisia dracunculus*), and threadleaf ragwort (*Senecio flaccidus*). Vegetation along the road edges is mostly weedy.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Monte Cristo Creek Road (3N23). Note well defined stream channel across the road.



View from Monte Cristo Creek Road (3N23) towards upstream portion of unnamed tributary to Monte Cristo Creek. Note sandy substrate and dense vegetation.

RCA # 6-29

Plan Amendment

 Yes
 No

Map Sheet: 15

Water Body: Mill Creek

Buffer: 1 mile

Stream Type:

 Perennial
 Intermittent
 Ephemeral

Substrate: Concrete

Road #: 3N23 (Monte Cristo Creek Road)

Crossing Type: Paved Arizona

Road Width Range: 17'

Dominant Vegetation Community: Sycamore-Mixed Willow Riparian Forest

% Canopy: 10

% Invasive: 25

Type: See below

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak				
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	1					
>20"		2				

Description: Paved wet Arizona crossing at Monte Cristo Campground. Giant reed (*Arundo donax*) is present along the drainage just outside of the crossing point. There is a heavy infestation of sweetclover (*Melilotus* sp.) and annual grasses along road edges. The habitat at the crossing consists of sycamore/mixed willow riparian forest. Plant species present include California sycamore (*Platanus racemosa*), arroyo willow (*Salix lasiolepis*), sandbar willow (*Salix exigua*), tarragon (*Artemisia dracuncululus*), mugwort (*Artemisia douglasiana*), coffee berry (*Rhamnus californica*), rush (*Juncus* sp.), and white sagebrush (*Artemisia ludoviciana*). This habitat transitions to mixed willow scrub moving north along 3N23 (away from Monte Cristo Campground). Plant species in this area include canyon live oak (*Quercus chrysolepis*), arroyo willow (*Salix lasiolepis*), and red willow (*Q. laevigata*). Multiple shrubby willows (*Salix* sp.) are present along the road but >5' from road edges. Short-joint beavertail (*Opuntia basilarus brachyclada*) is present along the road edge where the habitat transitions to upland mixed chaparral, approximately 250' north of beginning of 2N23.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad; short-joint beavertail cactus (Forest Service Sensitive)

Plan Amendment Rationale: Within potential arroyo toad habitat; would require the removal and/or trimming of riparian vegetation and mature trees; would require the potential removal of short-joint beavertail cactus; would require the diversion or disruption of flowing water.



View along Monte Cristo Creek Road through Monte Cristo Campground. Note presence of water August 2008.



View along Monte Cristo Creek Road just north of crossing. Note dense vegetation along roadside.

RCA # 6-30

Plan Amendment

- Yes
 No

Map Sheet: 15

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Silt/Sand

Road #: 4N18.2 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 8'-9'

Dominant Vegetation Community: Sycamore-Willow Riparian Forest

% Canopy: 25

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Sycamore	Oak			
0 - 3"						
3 - 6"	1					
6 - 10"	3	1	9			
10 - 20"			2			
>20"		1				

Description: This point includes the road crossing and extends north along road for approximately 0.36 mile. The road is very narrow in this location (8 to 9 feet wide). Ponded water occurs at this location and spans the entire road. Pond was approximately 8' by 10' at the time of the survey. Aquatic insects and birds were present and using the pond. Two-striped garter snake and coast horned lizard were also identified at this site. Adjacent habitat consists of very dense sycamore-willow riparian forest. Plant species present include California sycamore (*Platanus racemosa*), various willows (*Salix* sp.), cattail (*Typha* sp.), rush (*Juncus* sp.), mugwort (*Artemisia douglasiana*), Durango root (*Datisca glomerata*), tarragon (*Artemisia dracunculus*), and California wild rose (*Rosa californica*). The sycamore-willow riparian forest extends north along road.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees; would require the disruption of ponded water.



View along Lynx Gulch Road (4N18.2). Note ponded water in roadway.



View along Lynx Gulch Road (4N18.2) just north of the crossing. Note narrow width of road, steep embankment on one side of the road and dense vegetation along the other side.

RCA # 6-31

Plan Amendment

Yes
 No

Map Sheet: 15

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Silt/Sand/Gravel

Road #: 4N18.2 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 13'-18'

Dominant Vegetation Community: Oak Woodland/Mixed Chaparral

% Canopy: 5

% Invasive: 0

Type: N/A

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry, ephemeral drainage consisting of a small, narrow channel. The habitat consists of oak woodland which is found down-slope from road while mixed chaparral is found upslope. No oaks or other trees occur within 5' of road on either side. Plant species observed include interior live oak (*Quercus wislizeni*), thicket yerba santa (*Eriodictyon crassifolium*), and stiff branch bird's beak (*Cordylanthus rigidus*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Lynx Gulch Road (4N18.2). Note well defined channel across the road.



View from Lynx Gulch Road (4N18.2) towards upstream portion of drainage. Water runs along the roadside during flow events.

RCA # 6-32

Plan Amendment

- Yes
- No

Map Sheet: 16

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Silt/Sand/Gravel

Road #: 4N18.2 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 9'-12'

Dominant Vegetation Community: Southern Willow Scrub

% Canopy: 5

% Invasive: >5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow					
0 – 3"	3					
3 – 6"						
6 – 10"	1					
10 – 20"						
>20"						

Description: This is an intermittent drainage to Lynx Gulch. There is a narrow channel with well-developed southern willow scrub habitat. This transitions to mixed chaparral away from the drainage. Plant species observed include sandbar willow (*Salix exigua*), mugwort (*Artemisia douglasiana*), deergrass (*Muhlenbergia rigens*), rush (*Juncus* sp.), sedge (*Carex* sp.), and aster (*Aster* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation; would require the diversion or disruption of flowing water.



View along Lynx Gulch Road (4N18.2). Note riparian vegetation abutting road.



View from Lynx Gulch Road (4N18.2) towards downstream portion of drainage. Note dense riparian vegetation.

RCA # 6-33

Plan Amendment

Yes
 No

Map Sheet: 16

Water Body: Upland watershed unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Silt/Sand/Cobble

Road #: 4N18.2 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 10'-13'

Dominant Vegetation Community: Alluvial Fan Scrub/Mixed Chaparral

% Canopy: 0

% Invasive: 0

Type: N/A

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry, ephemeral stream that runs adjacent to road from crossing point south for approximately 150'. The habitat consists of alluvial fan scrub transitioning to mixed chaparral. Plant species present include big sagebrush (*Artemisia tridentata*), buckwheat (*Eriogonum fasciculatum*), chamise (*Adenostoma fasciculatum*), chaparral yucca (*Yucca whipplei*) and tarragon (*Artemisia dracunculus*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Lynx Gulch Road (4N18.2) with dry scrubby habitat adjacent.



View down drainage that abuts Lynx Gulch Road (4N18.2). Note well developed stream channel.

RCA # 6-34

Plan Amendment

- Yes
 No

Map Sheet: 16

Water Body: Upland watershed unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: None

Road #: 4N18.2 (Lynx Gulch Road)

Crossing Type: CMP

Road Width Range: 11'-18'

Dominant Vegetation Community: Alluvial Fan Scrub/Mixed Chaparral

% Canopy: 0

% Invasive: 0

Type: N/A

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry, ephemeral drainage with alluvial fan scrub habitat transitioning to mixed chaparral. Plant species observed include elderberry (*Sambucus mexicana*), big sagebrush (*Artemisia tridentata*), buckwheat (*Eriogonum fasciculatum*), chamise (*Adenostoma fasciculatum*), and chaparral yucca (*Yucca whipplei*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Lynx Gulch Road (4N18.2). Note dry scrubby vegetation along roadside.



View from Lynx Gulch Road (4N18.2) towards downstream portion of drainage. Note dense vegetation abutting streambed.

RCA # 6-35

Plan Amendment

- Yes
 No

Map Sheet: 16

Water Body: Upland watershed unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Silt/Gravel/Cobble

Road #: 4N18.2 (Lynx Gulch Road)

Crossing Type: Arizona

Road Width Range: 11'-13'

Dominant Vegetation Community: Alluvial Fan Scrub

% Canopy: 0

% Invasive: 0

Type: N/A

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	1					
>20"						

Description: This is a dry, ephemeral stream with a broad rocky channel. The habitat consists of alluvial fan scrub transitioning to mixed chaparral away from the drainage. Plant species present include big sagebrush (*Artemisia tridentata*), buckwheat (*Eriogonum fasciculatum*), chamise (*Adenostoma fasciculatum*), and scrub oak (*Quercus* sp.)

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Lynx Gulch Road (4N18.2). Note well defined water channel across the road.



View from Lynx Gulch Road (4N18.2) towards upstream portion of drainage. Note rocky, open channel.

RCA # 6-36

Plan Amendment

- Yes
 No

Map Sheet: 16

Water Body: Unnamed tributary to Alder Creek

Substrate: Sand

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Willow Scrub

% Canopy: 5

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow					
0 – 3"						
3 – 6"						
6 – 10"	1					
10 – 20"	2					
>20"						

Description: Habitat consists of willow scrub with one Fremont cottonwood (*Populus fremontii*). Other plants present include arroyo willow (*Salix lasiolepis*), California goldenrod (*Solidago californica*), chaparral yucca (*Yucca whipplei*), rush (*Juncus* sp.), bigberry manzanita (*Arctostaphylos glauca*), sedge (*Carex* sp.), and poison oak (*Toxicodendron diversilobum*). Habitat transitions to mixed chaparral away from the crossing.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View up drainage. Note dense willow scrub vegetation.



View down drainage. Pruning of vegetation along road edges is evident (note pruned manzanita at right).

RCA # 6-37

Plan Amendment

Yes
 No

Map Sheet: 16

Water Body: Unnamed tributary to Alder Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry, narrow, ephemeral drainage and does not support riparian vegetation. Brome grasses (*Bromus* sp.) are present. The habitat is mixed chaparral with buckwheat (*Eriogonum fasciculatum*), thistleleaf yerba santa (*Eriodictyon crassifolium*), chaparral yucca (*Yucca whipplei*), oak (*Quercus* sp.), and bigberry manzanita (*Arctostaphylos glauca*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along road with dry scrubby vegetation.



View from road towards upstream portion of drainage. Note no riparian vegetation.

RCA # 6-38

Plan Amendment

- Yes
 No

Map Sheet: 16

Water Body: Unnamed tributary to Alder Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Bedrock

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-16'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is an ephemeral drainage supporting dry upland vegetation (mainly mixed chaparral). There is no riparian vegetation or trees. Cheat grass (*Bromus tectorum*) is present. Plant species observed include hoaryleaf ceanothus (*Ceanothus crassifolius*), chamise (*Adenostoma fasciculatum*), bigberry manzanita (*Arctostaphylos glauca*), chia (*Salvia columbariae*), sandaster (*Lessingia filaginifolia*), and thickleaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along road with dry scrubby vegetation.



View road towards downstream portion of drainage. Note no riparian vegetation.

RCA # 6-39

Plan Amendment

Yes
 No

Map Sheet: 16

Water Body: Unnamed tributary to Alder Creek

Substrate: Sand/Silt/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Alluvial Fan Scrub

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This dry, ephemeral drainage supports alluvial fan scrub habitat. Plant species present include chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), chamise (*Adenostoma fasciculatum*), and bigberry manzanita (*Arctostaphylos glauca*). The habitat transitions to mixed chaparral away from the drainage.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along road. Scrub habitat abuts road.



View from road towards upstream portion of drainage. Note dry scrubby vegetation.

RCA # 6-40

Plan Amendment

Yes
 No

Map Sheet: 16

Water Body: Unnamed tributary to Alder Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 13'-16'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is comprised of dry upland vegetation (mainly mixed chaparral), with mariposa lily (*Calochortus* sp.) by the road between RCAs 6-39 and 6-40. Other plants present include buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), chamise (*Adenostoma fasciculatum*), scrub oak (*Quercus* sp.), and southern honeysuckle (*Lonicera subspicata*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View down drainage. Note McCarthy drain and steep drop off.



View up drainage. Note presence of boulders.

RCA # 6-41

Plan Amendment

- Yes
 No

Map Sheet: 17

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand

Road #: 3N20 (Powerline Road)

Crossing Type: Arizona

Road Width Range: 11'-12'

Dominant Vegetation Community: Southern Willow Scrub

% Canopy: 5

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak				
0 – 3"						
3 – 6"	1					
6 – 10"	1	2				
10 – 20"		2				
>20"						

Description: This is an intermittent drainage with a large amount of woody debris (see photo below). The habitat is southern willow scrub with adjacent interior live oaks (*Quercus wislizeni*). Plant species observed include arroyo willow (*Salix lasiolepis*), rush (*Juncus* sp.), thickleaf yerba santa (*Eriodictyon crassifolium*), white stem hedgenettle (*Stachys albens*), deergrass (*Muhlenbergia rigens*), sedge (*Carex* sp.), scarlet monkeyflower (*Mimulus cardinalis*), toad rush (*Juncus bufonius*), and California prickly phlox (*Leptodactylon californicum*). Annual grasses are also present. The southern willow scrub habitat at the drainage transitions to mixed chaparral in adjacent uplands.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Powerline Road (3N20). Note dense vegetation along roadsides.



View from Powerline Road (3N20) towards upstream portion of drainage. Note woody debris.

RCA # 6-42

Plan Amendment

- Yes
 No

Map Sheet: 17

Water Body: Unnamed tributary to Big Tujunga Creek

Substrate: Sand/Gravel

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N20 (Powerline Road)

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Southern Willow Scrub transitioning to Mixed Chaparral

% Canopy: 0

% Invasive: <5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow					
0 – 3"						
3 – 6"	4					
6 – 10"	2					
10 – 20"						
>20"						

Description: This drainage consists of southern willow scrub transitioning to mixed chaparral covering the adjacent areas. Plant species observed include arroyo willow (*Salix lasiolepis*), chamise (*Adenostoma fasciculatum*), bigberry manzanita (*Arctostaphylos glauca*), thickleaf yerba santa (*Eriodictyon crassifolium*), stiffbranch bird's beak (*Cordylanthus rigidus*), chaparral yucca (*Yucca whipplei*), and deergrass (*Muhlenbergia rigens*). Annual grasses are also present in low density.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



View along Powerline Road (3N20). Note vegetation along roadsides.



View across Powerline Road (3N20) towards downstream portion of drainage. Note dense vegetation.

RCA # 6-43

Plan Amendment

- Yes
 No

Map Sheet:17

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Cobble

Road #: 3N20 (Powerline Road)

Crossing Type: Arizona

Road Width Range: 9'-12'

Dominant Vegetation Community: Sycamore Oak Woodland

% Canopy: 5-60

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak	Sycamore			
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	2	7				
>20"		10	1			

Description: This is an intermittent drainage with mature riparian vegetation. It has a sycamore oak woodland overstory with a southern willow scrub understory. Plant species observed include California sycamore (*Platanus racemosa*), interior live oak (*Quercus wislizeni*), canyon live oak (*Q. chrysolepis*), arroyo willow (*Salix lasiolepis*), California goldenrod (*Solidago californica*), mugwort (*Artemisia douglasiana*), narrowleaf milkweed (*Asclepias fascicularis*), skunkbush sumac (*Rhus trilobata*), and rush (*Juncus* sp.). Adjacent habitat is mixed chaparral.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Powerline Road (3N20). Note narrow road and dense vegetation along roadside.



View along Powerline Road (3N20) just south of the crossing. Note mature trees along roadside.

RCA # 6-44

Plan Amendment

Yes
 No

Map Sheet: 17

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Sycamore Cottonwood Riparian Forest

% Canopy: 10-25

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Sycamore	Coulter Pine	Willow			
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"			2			
>20"	1	1				

Description: This crossing is located near the junction of the unnamed dirt road and Upper Big Tujunga Canyon Road. Just beyond the RCA on the south side, approximately five oaks (*Quercus* sp., 6-10" DBH) would likely be pruned during road widening activities. This narrow, intermittent drainage supports sycamore/cottonwood riparian forest, with California sycamore (*Platanus racemosa*), Fremont cottonwood (*Populus fremontii*), rush (*Juncus* sp.), sedge (*Carex* sp.), California goldenrod (*Solidago californica*), big sagebrush (*Artemisia tridentata*), arroyo willow (*Salix lasiolepis*), and skunkbush sumac (*Rhus trilobata*). Annual grasses are also present.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View northeast along unnamed non-Forest System road showing non-native grasses along road edge.



View from road towards downstream portion of drainage. Note mature trees in drainage.

RCA # 6-45

Plan Amendment

Yes
 No

Map Sheet: 17

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand

Road #: 3N20 (Powerline Road)

Crossing Type: Arizona

Road Width Range: 12'-13'

Dominant Vegetation Community: Oak Woodland within Mixed Chaparral

% Canopy: 0

% Invasive: 0

Type: N/A

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	1					
>20"	1					

Description: This is a small, dry, ephemeral, upper watershed drainage. There is a pocket of oak woodland within the drainage, surrounded by mixed chaparral. Plant species observed include canyon live oak (*Quercus chrysolepis*), chaparral yucca (*Yucca whipplei*), thicketleaf yerba santa (*Eriodictyon crassifolium*), chamise (*Adenostoma fasciculatum*), sandaster (*Lessingia filaginifolia*), and hollyleaf redberry (*Rhamnus ilicifolia*).

Riparian Dependent Sensitive Species & Special Considerations:



Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Powerline Road (3N20). Note wide road and sparse vegetation along roadside.



View from Powerline Road (3N20) towards upstream portion of the drainage. Note dense chamise and mixed chaparral in the uplands.

RCA # 6-46		Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Map Sheet: 17		
Water Body: Unnamed tributary to Big Tujunga Creek		Buffer: Edge	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral		
Substrate: Sand					
Road #: 3N20 (Powerline Road)		Crossing Type: Arizona	Road Width Range: 10'-13'		
Dominant Vegetation Community: Oak Woodland, Southern Willow Scrub			% Canopy: 15	% Invasive: 10	
			Type: Annual grasses		
Trees in RCA Buffer within 5' of Existing Road:					
DBH	Oak	Willow	Mulefat		
0 – 3"			3		
3 – 6"		1			
6 – 10"		1			
10 – 20"		1			
>20"	2				
<p>Description: This drainage runs perpendicular to the road. There is oak woodland higher up in the drainage and southern willow scrub at road crossing. Plant species present include arroyo willow (<i>Salix lasiolepis</i>), canyon live oak (<i>Quercus chrysolepis</i>), mulefat (<i>Baccharis salicifolia</i>), sedge (<i>Carex</i> sp.), sticky cinquefoil (<i>Potentilla glandulosa</i>), and buckwheat (<i>Eriogonum fasciculatum</i>). Annual grasses present along road edges. Adjacent habitat is mixed chaparral.</p>					
<p>Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad</p>					
<p>Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.</p>					
					
<p>View along Powerline Road (3N20). Road is narrow with riparian vegetation adjacent.</p>			<p>View from Powerline Road (3N20) towards upstream portion of drainage. Note riparian vegetation in drainage.</p>		

RCA # 6-47

Plan Amendment

- Yes
- No

Map Sheet: 17

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: 3N20 (Powerline Road)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Southern Arroyo Willow Riparian Forest

% Canopy: 5

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak	Mulefat	Sycamore		
0 – 3"			13			
3 – 6"	1		11			
6 – 10"	1	2	1			
10 – 20"	1		1	2		
>20"	1			1		

Description: The road crossing is perpendicular to the drainage. This intermittent drainage has well-developed riparian vegetation. There is a sycamore (*Platanus racemosa*) and oak (*Quercus chrysolepis*, *Q. wislizeni*) overstory. The understory consists of arroyo willow (*Salix lasiolepis*), mulefat (*Baccharis salicifolia*), skunkbush sumac (*Rhus trilobata*), California goldenrod (*Solidago californica*), sedge (*Carex* sp.), rush (*Juncus* sp.), poison oak (*Toxicodendron diversilobum*), and bigberry manzanita (*Arctostaphylos glauca*). Invasive annual grasses are also present.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Powerline Road (3N20). Note narrow road with steep cut upslope and dense vegetation along roadside.



View across Powerline Road (3N20) towards downstream portion of drainage. Note dense riparian vegetation.

RCA # 6-48

Plan Amendment

- Yes
 No

Map Sheet: 17

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Compacted soil at crossing; not visible downstream

Road #: 3N20 (Powerline Road)

Crossing Type: CMP

Road Width Range: 10'-18'

Dominant Vegetation Community: Interior Live Oak Scrub, Southern Willow Scrub Understory

% Canopy: 0-30

% Invasive: 10

Type: Rockrose

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak	Pine			
0 – 3"	1	1				
3 – 6"	1					
6 – 10"	1	1				
10 – 20"	2	14	1			
>20"	1	22	1			

Description: This intermittent channel has well-developed riparian vegetation. There are sycamores (*Platanus racemosa*) set back in the drainage, away from road. Oaks (*Quercus chrysolepis*, *Q. wislizeni*) are in the drainage and along the road. The understory consists of southern willow scrub habitat, with arroyo willow (*Salix lasiolepis*), California goldenrod (*Solidago californica*), mugwort (*Artemisia douglasiana*), hairy yerba santa (*Eriodictyon trichocalyx*), and chaparral yucca (*Yucca whipplei*). Invasive rockrose (*Cistus* sp.) is present. Two pines (>20" and 10"-15") are located within 5' of road just outside of crossing area. The drainage runs along road on south side, and continues northeast where road bends to the west. In this region, the habitat transitions to mixed chaparral.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along Powerline Road (3N20). Note wide road in this area.



View across Powerline Road (3N20) towards downstream portion of drainage. Note dense vegetation.

RCA # 6-49

Plan Amendment

- Yes
- No

Map Sheet: 18

Water Body: Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10-12'

Dominant Vegetation Community: Sycamore/willow riparian scrub

% Canopy: 100

% Invasive: 5

Type: Grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Alders	Doug-fir	Sycamore		
0 – 3"	5					
3 – 6"	3			1		
6 – 10"	10	2	1	3		
10 – 20"	4	3				
>20"	1	1	2			

Description: This area contains a large sycamore/willow riparian forest bordering the creek. There are several small drainages that cross the access road. This road runs parallel to the creek. There is suitable habitat for arroyo toads at some locations. There are steep cliff walls with cut brush thrown in the riparian area. Plant species present include sycamore (*Platanus racemosa*), oak (*Quercus* sp.), pine (*Pinus* sp.), coffee berry (*Rhamnus californica*), squaw bush (*Platanus racemosa*), phlox (*Leptodactylon californicum*), mugwort (*Artemisia douglasiana*), and blackberry (*Rubus ursinus*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees



View along unnamed road. Note heavy canopy cover upon entering crossing area.



View of concrete and rip-rap drop structure just upstream from crossing.

RCA # 6-50

Plan Amendment

Yes
 No

Map Sheet:18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: Unnamed non-Forest Service road

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Oak woodland/mixed chaparral

% Canopy: 25

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Willow				
0 – 3"	16	8				
3 – 6"	13					
6 – 10"	3					
10 – 20"	3					
>20"						

Description: This intermittent drainage is incised and rocky with riparian scrub habitat with some willows (*Salix* sp.), native deer grass (*Muhlenbergia rigens*), prickly poppie (*Argemone* sp.), and wild tarragon (*Artemisia dracunculus*). Oaks (*Quercus* sp.) and pines (*Pinus* sp.) are abundant.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Note mature trees on both sides of road.



Note McCarthy drain and steep upslope and down slope. Mature trees form a canopy over the road.

RCA # 6-51

Plan Amendment

Yes
 No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: Unnamed non-Forest Service road

Crossing Type: Arizona

Road Width Range: 10-12'

Dominant Vegetation Community: Sycamore-willow riparian forest

% Canopy: 40

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oaks	Pine	Scrub Oaks		
0 – 3"	22	24	5	24		
3 – 6"		15	4	21		
6 – 10"		8				
10 – 20"						
>20"		1	2			

Description: The access road runs parallel to this major RCA. Mature sycamore-willow riparian habitat, and water is present. There is a dense understory with ferns (*Pteridium aquilinum*), coffee berry (*Rhamnus californica*), non-native grasses (*Bromus* sp.), ceanothus (*Ceanothus* sp.), and willows (*Salix* sp.). The channel is incised and heavily vegetated. The drainage runs parallel to the spur road. There are willows (*Salix* sp.), sycamores (*Platanus racemosa*), oaks (*Quercus* sp.) and pines (*Pinus* sp.) in the drainage. Other plants present include rip gut brome (*Bromus diandrus*), red brome (*Bromus rubens*), and prickly poppie (*Argemone* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed road through mature vegetation which would require removal and/or trimming.



View towards upstream portion of tributary to Big Tujunga Creek. Note dense understory vegetation.

RCA # 6-52

Plan Amendment

- Yes
 No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: Unnamed non-Forest Service road

Crossing Type: Arizona

Road Width Range: 10-12'

Dominant Vegetation Community: Oak woodland/mixed chaparral

% Canopy: 25

% Invasive: 5-10

Type: Grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Pine				
0 – 3"	2	1				
3 – 6"	5					
6 – 10"	3	1				
10 – 20"						
>20"						

Description: This is a narrow tributary to Big Tujunga Creek. This channel is dominated by oak (*Quercus* sp.) but also includes pine (*Pinus* sp.) trees bordered by chamise (*Adenostoma fasciculatum*) chaparral. There is very little vegetation in the channel. Other plant species present include stiffbranch bird's beak (*Cordylanthus rigidus*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Eriodictyon crassifolium*), and thicketleaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along unnamed road. Narrow tributary crosses road towards background.



View along unnamed road. Note trees along roadside.

RCA # 6-53

Plan Amendment

- Yes
 No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10-12'

Dominant Vegetation Community: Southern willow scrub

% Canopy: 50

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Willow	Pine			
0 – 3"		30	4			
3 – 6"	5		1			
6 – 10"	17					
10 – 20"						
>20"						

Description: This is a broad sandy tributary to Big Tujunga Creek. The habitat is dominated by emerging willows (*Salix* sp.) and native deer grass (*Muhlenbergia rigens*). Other plant species present include big sage (*Artemisia tridentata*), stiffbranch bird's beak (*Cordylanthus rigidus*), and some scale broom (*Lepidospartum* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed with tributary crossing in foreground.



View along unnamed road.

RCA # 6-55

Plan Amendment

- Yes
- No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Road #: Unnamed non-Forest Service road

Crossing Type: Arizona

Road Width Range: 10-12'

Dominant Vegetation Community: Chamise chaparral

% Canopy: 0

% Invasive: 5

Type: Grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: Narrow, short upland watershed dominated by chamise (*Adenostoma fasciculatum*). Other plant species include mountain mahogany (*Cercocarpus betuloides*), scrub oak (*Quercus* sp.), and yucca (*Yucca whipplei*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.

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RCA # 6-56

Plan Amendment

Yes
 No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Southern willow scrub

% Canopy: 50

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Pine	Willow	Scrub oak			
0 – 3"	2	7	8			
3 – 6"	1					
6 – 10"						
10 – 20"						
>20"						

Description: This crossing is a tributary to Big Tujunga Creek with willow (*Salix* sp.) scrub and milkweed (*Asclepias* sp.). The vegetation along the edges of area has died back and dodder (*Cuscuta* sp.) is invading. There is some chaparral yucca (*Yucca whipplei*), and basin big sage (*Artemisia tridentata*) present. Adjacent habitat is comprised of chamise (*Adenostoma fasciculatum*) and manzanita (*Arctostaphylos glauca*) chaparral. A pine plantation also occurs adjacent to this location.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



View along unnamed road. Downstream portion of tributary drainage visible to left. Note pine plantation in background.



View along unnamed road. Note dodder invading along roadside edges.

RCA # 6-57

Plan Amendment

- Yes
 No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-16'

Dominant Vegetation Community: Scrub oak and coastal sage scrub

% Canopy: 5

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"						
3 – 6"	1					
6 – 10"	3					
10 – 20"						
>20"						

Description: This ephemeral drainage is dominated by scrub oak and canyon live oak (*Quercus chrysolepis*). Other plant species include chaparral yucca (*Yucca whipplei*), thicket leaf yerba santa (*Eriodictyon crassifolium*), and buckwheat (*Eriogonum fasciculatum*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along unnamed road. Drainage crosses at center of photo.



View towards downstream portion of drainage.

RCA # 6-58

Plan Amendment

- Yes
- No

Map Sheet: 18

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Oak woodland

% Canopy: 75-100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak	Oaks	Pines	Douglas-fir	Willow	Alder		
0 – 3"	132	78	7		58			
3 – 6"	21	64	6		10			
6 – 10"		29	5	1		5		
10 – 20"		36	4		20	1		
>20"			1					

Description: Habitat is comprised of dense oak woodland with scattered riparian vegetation throughout. Plant species present include willow (*Arroyo* sp.), scrub oak (*Quercus* sp.), white alder (*Alnus rhombifolia*), big-cone Douglas fir (*Pseudotsuga macrocarpa*), and various pines (*Pinus* spp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require removal and/or trimming of riparian vegetation and mature trees; would require the diversion or disruption of flowing water.



View along unnamed road through dense oak woodland habitat.



View along unnamed road.

RCA # 6-59

Plan Amendment

- Yes
- No

Map Sheet: 18

Water Body: Unnamed ephemeral drainage

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 12'-15'

Dominant Vegetation Community: Oak Woodland

% Canopy: 100

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Scrub oak				
0 – 3"	4	4				
3 – 6"	9					
6 – 10"	9					
10 – 20"	3					
>20"						

Description: This is a short, narrow watershed with an oak (*Quercus* sp.) lined channel. Other plants present include thicketleaf yerba santa (*Eriodictyon crassifolium*), rip gut brome (*Bromus diandrus*), phacelia (*Phacelia* sp.), deerweed (*Lotus scoparius*), tarragon (*Artemisia dracunculus*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*) and chamise (*Adenostoma fasciculatum*) in the upland adjacent areas.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note road is narrow at crossing.



Note mature and dense vegetation along roadside.

RCA # 6-60

Plan Amendment

- Yes
 No

Map Sheet: 18

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak Woodland

% Canopy: 100

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"	5					
3 – 6"	9					
6 – 10"						
10 – 20"	3					
>20"						

Description: This is a shallow, short, rock-lined watershed with thick oaks (*Quercus* sp.) in the channel and adjacent uplands. There is poison oak (*Toxicodendron diversilobum*) in the understory with a dense mat of leaf litter. On the road edge, mugwort (*Artemisia douglasiana*), wild tarragon (*Artemisia dracuncululus*), and skunkbush sumac (*Rhus trilobata*) are also present. The road is in good shape here.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Mature and dense vegetation along the road.



Closed canopy of mature oaks overhanging and adjacent to the road.

RCA # 6-61

Plan Amendment

Yes
 No

Map Sheet: 18

Water Body: Unnamed intermittent drainage

Substrate: Sand/Gravel/Bedrock

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: CMP

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak Woodland/Mixed Chaparral

% Canopy: 80

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"						
3 – 6"	4					
6 – 10"						
10 – 20"	2					
>20"	2					

Description: This short watershed has broad, steep slopes. There are dense stands of oaks (*Quercus* sp.) and open areas containing non-native grasses (*Bromus* sp.), mountain mahogany (*Cercocarpus betuloides*), chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), brickellbush (*Brickellia californica*), white sage (*Salvia apiana*), thicketleaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note shade provided by mature trees in foreground.



Dense chaparral on hill-slope as you exit the riparian area. Note shade provided by mature trees in foreground.

RCA # 6-62

Plan Amendment

- Yes
- No

Map Sheet: 18

Water Body: Unnamed intermittent drainage

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Cobble/Bedrock

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-16'

Dominant Vegetation Community: Oak Woodland

% Canopy: 80

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"	2					
3 – 6"	3					
6 – 10"	6					
10 – 20"	4					
>20"	1					

Description: This is a steep, short watershed with a rocky / bedrock channel. There is heavy leaf litter and poison oak (*Toxicodendron diversilobum*). At the road crossing there is an open area with annual grasses (*Bromus* sp.), California brickellbush (*Brickellia californica*), and mature oaks (*Quercus* sp.). Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Road narrows around curve. Note steep upslope and dense canopy shading the road.



Note steep upslope and mature oaks along roadsides. Road is wide and in good condition.

RCA # 6-63

Plan Amendment

Yes
 No

Map Sheet: 18

Water Body: Unnamed ephemeral drainage

Substrate: N/A

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: CMP

Road Width Range: 12'-15'

Dominant Vegetation Community: Oak Woodland/Mixed Chaparral

% Canopy: 75

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a steep broad watershed with non-native grasses (*Bromus sp.*), and chaparral yucca (*Yucca whipplei*) lining the channel. Downstream there is mountain mahogany (*Cercocarpus betuloides*) on the banks. Upstream there are oaks (*Quercus sp.*) with mountain mahogany. There is a corrugated metal pipe across the road.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Note steep upslope and dense vegetation on the down-slope.



Dense chaparral vegetation on down-slope. Upslope is steep.

RCA # 6-64

Plan Amendment

Yes
 No

Map Sheet: 18

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 8-10'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 20

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This short, steep watershed consists of chaparral yucca (*Yucca whipplei*), hollyleaf cherry (*Prunus ilicifolia*), mountain mahogany (*Cercocarpus betuloides*), white sagebrush (*Artemisia ludoviciana*), rip gut brome (*Bromus diandrus*), phacelia (*Phacelia* sp.), cryptantha (*Cryptantha* sp.), and thick leaf yerba santa (*Eriodictyon crassifolium*) along the road.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Note steep upslope and drop off from road. Vegetation is growing within roadbed.



Note steep upslope and drop off from road.

RCA # 6-65

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak Woodland in drainage, Chamise Chaparral along roads

% Canopy: 75

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"	1					
3 – 6"	3					
6 – 10"	5					
10 – 20"						
>20"						

Description: This short watershed is steep with chaparral and oak lining the sides. Other plants present include toyon (*Heteromeles arbutifolia*), non-native grasses (*Bromus* sp.), phacelia (*Phacelia* sp.), chaparral yucca (*Yucca whipplei*), hollyleaf cherry (*Prunus ilicifolia*), California redberry (*Rhamnus ilicifolia*) and giant wild grape (*Vitis californica*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note narrow road with steep rocky wall on upward slope.



Note oak woodland habitat and lack of scour line across road.

RCA # 6-66

Plan Amendment

Yes
 No

Map Sheet: 19

Water Body: Unnamed ephemeral tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-16'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 5

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"						
3 – 6"	1					
6 – 10"						
10 – 20"						
>20"						

Description: This is a high watershed with a steep channel that is lined with oak (*Quercus* sp.). This drainage is dominated by dense oak and maple (*Acer* sp.) riparian woodland with chamise (*Adenostoma fasciculatum*) chaparral in the adjacent uplands. Other plant species present include white sage (*Artemisia ludoviciana*), chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), laurel sumac (*Malosma laurina*), and thick leaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Note presence of chaparral species adjacent to road.



Road is wide at crossing location.

RCA # 6-67

Plan Amendment

- Yes
- No

Map Sheet: 19

Water Body: Unnamed ephemeral drainage

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Oak Woodland

% Canopy: 75

% Invasive: 20

Type: Tree tobacco

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Scrub Oaks				
0 – 3"	2	3				
3 – 6"	1					
6 – 10"	3					
10 – 20"	1					
>20"						

Description: This area is characterized by a steep, broad, rock channel with leaf litter and no understory vegetation in the channel. Outside the channel is oak woodland (*Quercus* sp.) with toyon (*Heteromeles arbutifolia*). On the downslope there is chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), ferns (*Pteridium aquilinum*), brickellbush (*Brickellia californica*), and scarlet monkey flower (*Mimulus cardinalis*). There is tree tobacco (*Nicotiana glauca*) in the road. Other plants present include red stem pigweed (*Amaranthus retroflexus*), wild lettuce (*Stephanpermeria* sp.), phacelia (*Phacelia* sp.), and deerweed (*Lotus scoparius*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Dense vegetation along road on down-slope with closed canopy of oaks in background.



Note leaf litter and loose rocky debris.

RCA # 6-68

Plan Amendment

- Yes
- No

Map Sheet: 19

Water Body: Unnamed ephemeral drainage

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Scrub Oak Chaparral to the NW and Chamise Chaparral to the E

% Canopy: 20

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oaks	Oaks				
0 – 3"	7	3				
3 – 6"	2	3				
6 – 10"						
10 – 20"						
>20"						

Description: This is a short, dry watershed primarily dominated by scrub oaks. There are dense stands of scrub oak (*Quercus* sp.), with laurel sumac (*Malosma laurina*), oaks (*Quercus* sp.), white sage (*Artemisia ludoviciana*), chamise (*Adenostoma fasciculatum*), California manroot (*Marah fabaceus*), and clematis (*Clematis* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Barren pullout area on left with dense vegetation on upslope.



Chamise chaparral along roadsides.

RCA # 6-69

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Substrate: Sand/Gravel

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 50

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Mulefat					
0 – 3"	14					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a steep, oak-lined drainage with heavy chaparral influence. Scattered mulefat (*Baccharis salicifolia*) occurs along the road edge. Other species present include ripgut brome (*Bromus diandrus*), narrow-leaved milkweed (*Asclepias fascicularis*), mountain mahogany (*Cercocarpus betuloides*), and white sage (*Salvia apiana*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



View along Shortcut Edison Road (2N23).



View along Shortcut Edison Road (2N23). Drainage drops steeply downstream towards right of photo.

RCA # 6-70

Plan Amendment

Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 25

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area has a steep, rock-walled channel and sparse vegetation. Plants present include thickleaf yerba santa (*Eriodictyon crassifolium*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), needle grass (*Nassella* sp.), scrub oaks (*Quercus* sp.), toyon (*Heteromeles arbutifolia*), manzanita (*Arctostaphylos glauca*) and hollyleaf cherry (*Prunus ilicifolia*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Ephemeral drainage comes down hillside and crosses road here.



Note steep-sided road cut.

RCA # 6-71

Plan Amendment

Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 50

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This crossing has a narrow, steep drainage dominated by manzanita (*Arctostaphylos glauca*), scrub oaks (*Quercus* sp.), chaparral yucca (*Yucca whipplei*), and chamise (*Adenostoma fasciculatum*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Note dense mixed chaparral along roadsides.



Upslope is steep in some areas.

RCA # 6-72

Plan Amendment

Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Mixed Chaparral with oaks

% Canopy: 50

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"	1					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a narrow, steep channel dominated by chaparral and oak (*Quercus* sp.). A few maples (*Acer* sp.) are present along with non-native grass (*Bromus* sp.), manzanita (*Arctostaphylos glauca*), brickellbush (*Brickellia californica*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), mountain mahogany (*Cercocarpus betuloides*), and white sagebrush (*Artemisia ludoviciana*). Potential habitat for spotted owls.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Non-native grasses along roadside.



Note loose rock debris on road.

RCA # 6-73

Plan Amendment

Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: N/A

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: CMP

Road Width Range: 10'-15'

Dominant Vegetation Community: Mixed Chaparral/Oak Woodland

% Canopy: 100

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"	1					

Description: This is a narrow, steep-walled drainage with heavy leaf litter, dominated by oaks (*Quercus* sp.), maples (*Acer* sp.), and mountain mahogany (*Cercocarpus betuloides*). Other plants present include chaparral yucca (*Yucca whipplei*), native grass (*Nassella* sp.), buckwheat (*Eriogonum fasciculatum*), and white sage (*Artemisia ludoviciana*). Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Yucca and non-native grasses along roadside.



Note dense canopy shade in foreground.

RCA # 6-74

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-14'

Dominant Vegetation Community: Alder-Oak Woodland

% Canopy: 100

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Maple	Alder	Fir			
0 – 3"	3	1	1			
3 – 6"	1					
6 – 10"	1	1				
10 – 20"						
>20"						

Description: This drainage has boulders and little vegetation. The habitat is characterized by alder (*Alnus rhombifolia*) forest with maple (*Acer* sp.), and oaks (*Quercus* sp.). Other plant species include non-native grasses (*Bromus* sp.), chaparral yucca (*Yucca whipplei*), and mountain mahogany (*Cercocarpus betuloides*). There is a stick nest in one >20" DBH alder at the road crossing.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Note steep rock upslope and dense canopy.



Note broad rocky channel.

RCA # 6-75

Plan Amendment

 Yes
 No

Map Sheet: 19

Water Body: West Fork San Gabriel River

Buffer: 100 m

Stream Type:

 Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble/Boulders

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Paved Arizona

Road Width Range: 10'-18'

Dominant Vegetation Community: Alder Riparian Woodland

% Canopy: 100

% Invasive: 10

Type: Stinging nettle

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder	Scrub Oak	Oaks	Fir		
0 – 3"	3	10	12			
3 – 6"	5	4	15			
6 – 10"	5		7			
10 – 20"			3	1		
>20"			4	3		

Description: The San Gabriel River runs through this area. There is a paved Arizona crossing in need of repair. This drainage is dominated by alder riparian woodland. The multi-canopy vegetation includes mature oaks (*Quercus* sp.) and alder (*Alnus rhombifolia*). This area is a wide rocky river gorge with steep rock walls bordering downstream. The area is thick with poison oak (*Toxicodendron diversilobum*), and nettles (*Urtica dioica*). There is chaparral yucca (*Yucca whipplei*) on the rock walls. Other plant species include hummingbird sage (*Salvia spathacea*), scrub oak (*Quercus* sp.), emerging big-cone Douglas firs (*Pseudotsuga macrocarpa*), and mountain mahogany (*Cercocarpus betuloides*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Note dense canopy and mature trees at crossing.



Note exposed rebar and deteriorated concrete at crossing. Note presence of perennial water.

RCA # 6-76

Plan Amendment

- Yes
 No

Map Page: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Edison Shortcut Road)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Oak Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Maple	Oak	Bay			
0 – 3"	2	2	2			
3 – 6"	1					
6 – 10"						
10 – 20"						
>20"						

Description: This area is characterized by a steep narrow rocky drainage with heavy leaf litter and no herbaceous vegetation. There is some California brickellbush (*Brickellia californica*) and poison oak (*Toxicodendron diversilobum*) present. Large trees present include big-leaf maple (*Acer macrophyllum*) and California bay (*Umbellularia californica*). Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note steep upslope.



Note dense canopy coverage.

RCA # 6-77

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary West Fork San Gabriel River

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-12'

Dominant Vegetation Community: Oak/Conifer Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Douglas-fir				
0 – 3"	2	1				
3 – 6"	4					
6 – 10"	5					
10 – 20"	2					
>20"						

Description: This area has is a steep rocky channel dominated by oaks (*Quercus* sp.) and big-cone Douglas fir (*Pseudotsuga macrocarpa*) with some ferns (*Pteridium aquilinum*), but primarily no herbaceous vegetation. Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Shortcut Edison Road (2N23). Note dense canopy above road.



Note steep, rocky slope along roadside.

RCA # 6-78

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-14'

Dominant Vegetation Community: Oak Riparian Woodland

% Canopy: 75-100

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Maple				
0 – 3"	3	11				
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area contains a rocky narrow channel with a thick bay (*Umbellularia californica*), oak (*Quercus* sp.), and maple (*Acer* sp.) forest. Plant species present along road include buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), white sagebrush (*Artemisia ludoviciana*), phlox (*Leptodactylon californicum*), ceanothus (*Ceanothus* sp.), laurel sumac (*Malosma laurina*), and non-native grasses (*Bromus* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Shortcut Edison Road (2N23) towards oak riparian woodland.



View of tributary drainage crossing along Shortcut Edison Road (2N23). Note annual grasses along road edges.

RCA # 6-79

Plan Amendment

- Yes
- No

Map Sheet: 19

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Oak/Conifer Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Maple				
0 – 3"		2				
3 – 6"		1				
6 – 10"	2	2				
10 – 20"						
>20"						

Description: This is a high watershed, non-riparian, sparsely vegetated, rocky channel. The drainage is characterized by a bay (*Umbellularia californica*) forest with maple (*Acer* sp.) and oaks (*Quercus* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along unnamed road and across high watershed drainage.



View towards upstream portion of drainage. Note sparsely vegetated understory within drainage channel.

RCA # 6-80		Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Map Sheet: 19	
Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral	
Substrate: Sand/Gravel				
Road #: Unnamed non-Forest Service road		Crossing Type: CMP	Road Width Range: 10'	
Dominant Vegetation Community: Oak/Conifer Woodland		% Canopy: 100	% Invasive: 10 Type: Annual grasses	
Trees in RCA Buffer within 5' of Existing Road:				
DBH	Oak	Douglas-fir	Bay	
0 – 3"			1	
3 – 6"		11		
6 – 10"	3			
10 – 20"	1			
>20"		2		
<p>Description: There is no vegetation in the riparian drainage and sparse vegetation in the surrounding area. Plant species present include currant (<i>Ribes</i> sp.), oak seedlings (<i>Quercus</i> sp.), big-cone Douglas fir (<i>Pseudotsuga macrocarpa</i>), California bay (<i>Umbellularia californica</i>), and some phlox (<i>Leptodactylon californicum</i>).</p>				
Riparian Dependent Sensitive Species & Special Considerations:				
Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.				



View along unnamed road. Note CMP at crossing.



View along unnamed road with steep bedrock wall along roadside.

RCA # 6-81

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Bay Forest

% Canopy: 100

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Bay	Oak				
0 – 3"	3					
3 – 6"		1				
6 – 10"		4				
10 – 20"						
>20"						

Description: This steep narrow channel is dominated by California bay (*Umbellularia californica*) with oaks (*Quercus* sp.) and some maple (*Acer* sp.). There is a thick layer of leaf litter. There is no real herbaceous layer but some poison oak (*Toxicodendron diversilobum*) is present. Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Shortcut Edison Road (2N23). Potential spotted owl habitat throughout this area.



View along Shortcut Edison Road (2N23) at crossing location.

RCA # 6-82

Plan Amendment

- Yes
 No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: Arizona

Road Width Range: 11'-16'

Dominant Vegetation Community: Mixed Riparian Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Bay	Maple				
0 – 3"		3				
3 – 6"	2	1				
6 – 10"	1	1				
10 – 20"	1	1				
>20"						

Description: This steep bedrock channel has an active seep that runs onto the road. There is very little vegetation. Debris is present in the drainage from high flow events. There are numerous bear (*Ursus americanus*) and deer (*Odocoileus hemionus californicus*) tracks. Dominant plant species include bay (*Umbellularia californica*), maple (*Acer* sp.), oak (*Quercus* sp.), and conifer.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Shortcut Edison Road (2N23). Note seep at road edge in background.



View towards upstream portion of tributary drainage. Note water on rock surfaces.

RCA # 6-83

Plan Amendment

- Yes
- No

Map Sheet: 19

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: N/A

Road #: 2N23 (Shortcut Edison Road)

Crossing Type: CMP

Road Width Range:

Dominant Vegetation Community: Oak Woodland

% Canopy: 75

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Douglas-fir	Maple			
0 – 3"	3	1				
3 – 6"	2		1			
6 – 10"	10					
10 – 20"	1					
>20"		1				

Description: This is a densely forested area. The drainage is steep-walled, and sparsely vegetated with some maple (*Acer* sp.), currant (*Ribes* sp.), oak seedlings (*Quercus* sp.), ceanothus (*Ceanothus* sp.), and poison oak (*Toxicodendron diversilobum*). The rock walls support bracken ferns (*Pteridium aquilinum*). Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Road is narrow around curve and has steep cut into the upslope.



Note oaks above steep cut in the upslope.

RCA # 6-84

Plan Amendment

- Yes
 No

Map Sheet: 23

Water Body: Unnamed ephemeral drainage

Substrate: N/A

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N24.2 (Rincon/Redbox)

Crossing Type: CMP

Road Width Range: 11'-16'

Dominant Vegetation Community: Maple-Oak Woodland and Conifer Forest

% Canopy: 75

% Invasive: 40

Type: Annual grasses/broom

Trees in RCA Buffer within 5' of Existing Road:

DBH	Douglas-fir	Maple	Oaks			
0 – 3"	6	1	1			
3 – 6"	1	3				
6 – 10"		3				
10 – 20"						
>20"						

Description: This is a high watershed with a steep, rocky channel dominated by maple (*Acer* sp.), oak (*Quercus* sp.), and big-cone Douglas fir (*Pseudotsuga* sp.). There are non-native grasses (*Bromus* sp.) along the road. Other plants present include ceanothus (*Ceanothus* sp.), and mountain mahogany (*Cercocarpus betuloides*). Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Maple, oak and conifer along roadside.



Mature Douglas-fir along roadside with dense chaparral in the upland.

RCA # 6-85

Plan Amendment

- Yes
 No

Map Sheet: 23

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N24.2 (Rincon/Redbox)

Crossing Type: Arizona

Road Width Range: 11'-16'

Dominant Vegetation Community: Oak Woodland

% Canopy: 100

% Invasive: 50

Type: Annual grasses/broom

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks				
0 – 3"	2				
3 – 6"	2				
6 – 10"	3				
10 – 20"					
>20"					

Description: The top of the watershed is oak (*Quercus* sp.) woodland. Along the road there are non-native grasses (*Bromus* sp.). Other plants present include buckwheat (*Eriogonum fasciculatum*), and chaparral yucca (*Yucca whipplei*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Non-native grasses, buckwheat, and chaparral yucca line the road. Note mature oaks in background.



Note steep road cut on upslope with chaparral above.

RCA # 6-86

Plan Amendment

- Yes
- No

Map Sheet: 23

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Road #: 2N24.3 (Rincon/Redbox)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Oak/conifer woodland

% Canopy:

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Rincon/Redbox Road (2N24.3).

RCA # 6-87

Plan Amendment

- Yes
 No

Map Sheet: 23

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N24.3 (Rincon/Redbox)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Oak/Conifer Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

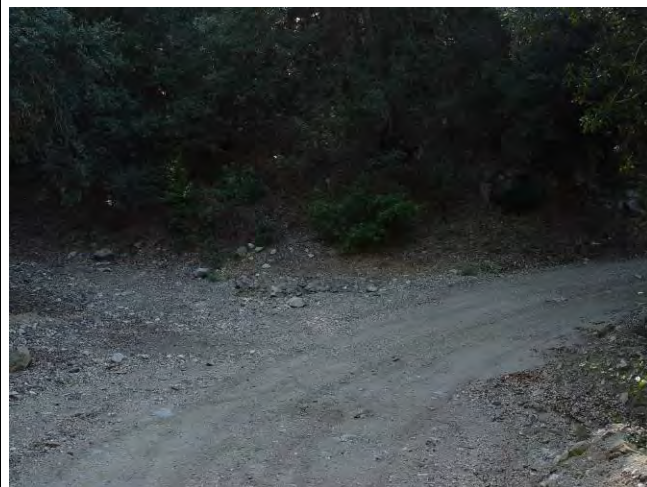
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Fir				
0 – 3"	4	1				
3 – 6"	7					
6 – 10"	3					
10 – 20"		1				
>20"						

Description: This is a steep, narrow rocky gorge with bracken ferns (*Pteridium aquilinum*) and poison oak (*Toxicodendron diversilobum*), some currant (*Ribers* sp.), and heavy leaf litter.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Closed canopy from mature oaks.



Note mature oaks along roadside.

RCA # 6-88

Plan Amendment

- Yes
 No

Map Sheet: 24

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N24.3 (Rincon/Redbox)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak/Conifer Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Fir	Oaks	Maple			
0 – 3"	1	7	1			
3 – 6"		6				
6 – 10"		4				
10 – 20"		2				
>20"						

Description: This is a narrow, shallow, high watershed drainage with oaks (*Quercus* sp.), big-cone Douglas fir (*Pseudotsuga macrocarpa*), bracken ferns (*Pteridium aquilinum*), currant (*Ribes* sp.), ceanothus (*Ceanothus* sp.), and heavy leaf litter.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Oak-lined road with dense canopy.



Mature oaks adjacent to road.

RCA # 6-89

Plan Amendment

- Yes
- No

Map Sheet: 24

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Road #: 2N24.3 (Rincon/Redbox)

Crossing Type: Arizona

Road Width Range: 12'-15'

Dominant Vegetation Community: Oak/Conifer Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"	3					
3 – 6"	2					
6 – 10"	2					
10 – 20"	8					
>20"						

Description: This is a shallow, high watershed drainage with oaks (*Quercus* sp.), big-cone Douglas firs (*Pseudotsuga macrocarpa*), and cedars (*Calocedrus* sp.). There is a dense mat of leaf litter with no herbaceous vegetation. Some poison oak vines (*Toxicodendron diversilobum*) were 3" thick. Potential California spotted owl habitat.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.

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RCA # 6-90

Plan Amendment

- Yes
 No

Map Sheet: 24

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N30.1 (Sawpit)

Crossing Type: Arizona

Road Width Range: 10'-13'

Dominant Vegetation Community: Oak/Conifer Woodland

% Canopy: 50

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Fir	Oak				
0 – 3"	1	1				
3 – 6"	1					
6 – 10"						
10 – 20"						
>20"						

Description: This is a high, narrow drainage with no riparian habitat dominated by poison oak (*Toxicodendron diversilobium*), ceanothus (*Ceanothus* sp.), and big-cone Douglas fir (*Pseudotsuga macrocarpa*). Nearby are non-native grasses (*Bromus* sp.), phacelia (*Phacelia* sp.), bedstraw (*Galium* sp.), scarlet monkey flower (*Mimulus cardinalis*), buckwheat (*Eriogonum fasciculatum*), and chaparral yucca (*Yucca whipplei*). There is an oak/fir woodland upslope. The area to the south by the road is disturbed.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Steep road cut on the upslope. Non-native grasses can be seen along the right side of the road.



Oak/conifer woodland adjacent the road.

RCA # 6-91

Plan Amendment

- Yes
 No

Map Sheet: 24

Water Body: Unnamed ephemeral drainage

Substrate: N/A

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N30.1 (Sawpit)

Crossing Type: Paved Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak Woodland

% Canopy: 50

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Bay				
0 – 3"						
3 – 6"	1	3				
6 – 10"	2					
10 – 20"	1					
>20"						

Description: This is a steep, bedrock drainage with little herbaceous vegetation and a heavy mat of leaf litter. There is a denuded slide area adjacent. Dominant plant species include bay (*Umbellularia californica*), oaks (*Quercus* sp.), phacelia (*Phacelia* sp.), and wirelettuce (*Stephanomeria* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Potential owl habitat.

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Arizona crossing is a paved chute off the steep down-slope. Mature oaks and California bay can be seen on either side of the road.



Well developed drainage with bedrock bottom and oak woodland adjacent. Mature alders can be seen within the drainage in the background.

RCA # 6-92		Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Map Sheet: 24	
Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral		
Substrate: N/A					
Road #: 2N30.1 (Sawpit)		Crossing Type: Paved Arizona		Road Width Range: 10'-14'	
Dominant Vegetation Community: Oak Woodland			% Canopy: 50		% Invasive: 5 Type: Annual grasses
Trees in RCA Buffer within 5' of Existing Road:					
DBH	Oaks	Bay			
0 – 3"		3			
3 – 6"					
6 – 10"	1				
10 – 20"					
>20"					
<p>Description: This drainage contains a steep rock face on the upslope with a shallow rocky sand channel below dominated by oaks (<i>Quercus</i> sp.) and California bay (<i>Umbellularia californica</i>) in the channel. There is disturbed habitat along road with non-native grass (<i>Bromus</i> sp.), California brickellbush (<i>Brickellia californica</i>), and phacelia (<i>Phacelia</i> sp.) with heavy leaf litter. Other plant species present include ceanothus (<i>Ceanothus</i> sp.), mountain mahogany (<i>Cercocarpus betuloides</i>), brickellbush (<i>Brickellia californica</i>), monkey flower (<i>Mimulus longiflorus</i> ssp. <i>longiflorus</i>), and poison oak (<i>Toxicodendron diversilobum</i>).</p>					
Riparian Dependent Sensitive Species & Special Considerations:					
Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.					



Oak woodland adjacent roadbed.



Bedrock chute with oak woodland lining the sides.

RCA # 6-93

Plan Amendment

- Yes
 No

Map Sheet: 24

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N30.1 (Sawpit)

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Oak Woodland

% Canopy: 100

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks	Bay	Fir			
0 – 3"		4				
3 – 6"	10					
6 – 10"	1		1			
10 – 20"						
>20"						

Description: This is a broad, rock channel with a thick oak (*Quercus* sp.) and California bay (*Umbellularia californica*) canopy. Some big-cone Douglas fir (*Pseudotsuga macrocarpa*) is present. The understory has non-native grasses (*Bromus* sp.) in some areas with mugwort (*Artemisia douglasiana*), poison oak (*Toxicodendron diversilobum*), and currant (*Ribes* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note dense oak woodland habitat along road.



Well-defined drainage lined with oaks.

RCA # 6-94

Plan Amendment

Yes
 No

Map Sheet: 24

Water Body: Unnamed intermittent drainage

Substrate: N/A

Buffer: Edge

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 2N30.1 (Sawpit)

Crossing Type: Arizona

Road Width Range: 11'-16'

Dominant Vegetation Community: Mixed Woodland

% Canopy: 0-100

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Maple	Oak				
0 – 3"	12	2				
3 – 6"	2	3				
6 – 10"		1				
10 – 20"						
>20"						

Description: Upstream, this is a broad, densely vegetated, rocky channel dominated by sweetclover (*Melilotus sp.*), oak (*Quercus sp.*), California bay (*Umbellularia californica*), maple (*Acer sp.*), and coffee berry (*Rhamnus californica*). The area is thick with poison oak (*Toxicodendron diversilobum*). Downstream there is a concrete chute that flows into a rocky oak-lined channel. There are bracken ferns (*Pteridium aquilinum*), brickellbush (*Brickellia californica*), and California fuscia (*Epilobium canum*). The adjacent area has non-native grasses (*Bromus sp.*), chaparral yucca (*Yucca whipplei*), and mugwort (*Artemisia douglasiana*). There are many maple seedlings along the road.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Mature trees line the road and form a dense canopy.



Note pullout area at curve. Mature trees line the upslope.

RCA # 6-95

Plan Amendment

- Yes
 No

Map Sheet: 24

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N30.1 (Sawpit)

Crossing Type: Arizona

Road Width Range: 11'-13'

Dominant Vegetation Community: Oak Woodland

% Canopy: 100

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oaks					
0 – 3"	17					
3 – 6"	12					
6 – 10"						
10 – 20"						
>20"						

Description: This is a short watershed with a steep, broad drainage. There is no herbaceous layer. The area has a thick canopy of oak (*Quercus* sp.) and a heavy layer of leaf litter. Other plants present include phacelia (*Phacelia* sp.), buckwheat (*Eriogonum fasciculatum*), thicketleaf yerba santa (*Eriodictyon crassifolium*), brickellbush (*Brickellia californica*), with non-native grasses (*Bromus* sp.) along the road.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Road cut with steep upslope. Mature oaks provide a dense canopy cover over the road.



Drainage lined with oaks.

RCA # 6-96		Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Map Sheet: 24	
Water Body: Unnamed intermittent drainage		Buffer: 30 m	Stream Type: <input type="checkbox"/> Perennial <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral	
Substrate: N/A				
Road #: 2N30.1 (Sawpit)		Crossing Type: Paved Arizona	Road Width Range: 11'-15'	
Dominant Vegetation Community: Oak/Maple Woodland		% Canopy: 75	% Invasive: 40 Type: Annual grasses	
Trees in RCA Buffer within 5' of Existing Road:				
DBH	Oaks	Bay		
0 – 3"	2	5		
3 – 6"				
6 – 10"		2		
10 – 20"				
>20"				
<p>Description: This drainage has a steep, rocky-bottomed channel which flows into a concrete apron. There are dense oaks (<i>Quercus</i> sp.) and maples (<i>Acer</i> sp.) with open patches of non-native grasses (<i>Bromus</i> sp.) and mugwort (<i>Artemisia douglasiana</i>). Thick woodland and chamise (<i>Adenostoma fasciculatum</i>) chaparral abut the drainage. Downstream of the crossing there are thick stands of California bay (<i>Umbellularia californica</i>) and oak. Other plant species present include phacelia (<i>Phacelia</i> sp.), California melica (<i>Melica californica</i>), currant (<i>Ribes</i> sp.), and ferns (<i>Pteridium aquilinum</i>).</p>				
Riparian Dependent Sensitive Species & Special Considerations:				
<p>Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.</p>				



Mature maple, bay and oak trees in the upslope and down-slope with non-native grasses in the understory and along the road.



Note stream channel lined with mature oaks.

RCA # 6-97

Plan Amendment

Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: Paved
Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak/Alder Riparian Woodland

% Canopy: 10

% Invasive: 40

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This steep, narrow drainage runs perpendicular to the road and to the West Fork San Gabriel River. The crossing is dominated by oak/alder riparian woodland and habitat transitions to more xeric types extending into the higher uplands. Some of the plant species occurring include white alder (*Alnus rhombifolia*), coast live oak (*Quercus agrifolia*), holly-leaf cherry (*Prunus ilicifolia*), and arroyo willow (*Salix lasiolepis*). Mountain mahogany (*Cercocarpus betuloides*), mulefat (*Baccharis salicifolia*), California buckwheat (*Eriogonum fasciculatum*), and ragweed (*Ambrosia* sp.) also occur. Non-native grasses, such as ripgut brome (*Bromus diandrus*) and wild oat (*Avena* sp.), dominate the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 with oak/alder riparian woodland dominating north edge of road. Note minimal canopy.



View towards upstream portion of tributary drainage that runs perpendicular to road at this location.

RCA # 6-98

Plan Amendment

Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: Edge

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble/Bedrock

Road #: 2N25.1

Crossing Type: Paved Arizona

Road Width Range: 16'-18'

Dominant Vegetation Community: Alder Riparian Woodland/Mixed Chaparral

% Canopy: 10

% Invasive: 40

Type: Annual grasses, mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH					
0 – 3"					
3 – 6"					
6 – 10"					
10 – 20"					
>20"					

Description: This is a narrow channel with exposed bedrock walls that drops down perpendicular to road 2N25.1. The area just downstream of the crossing is dominated by alder riparian woodland while just upstream consists of mixed chaparral. Plant species occurring at this location include white alder (*Alnus rhombifolia*), canyon oak (*Quercus chrysolepis*), and mountain mahogany (*Cercocarpus betuloides*). Species observed within the chaparral-dominated uplands include yucca (*Yucca whipplei*), California buckwheat (*Eriogonum fasciculatum*), white sage (*Salvia apiana*) and laurel sumac (*Malosma laurina*). Road edges are dominated by invasive brome grasses (*Bromus spp.*) and mustards (*Brassica sp.*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 across paved Arizona crossing. West Fork San Gabriel River occurs just along left side of photo.



View towards upstream portion of tributary drainage that runs perpendicular to road. Note transition to mixed chaparral along the southern edge of road.

RCA # 6-99

Plan Amendment

- Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Cobble

Road #: 2N25.1

Crossing Type: CMP

Road Width Range: 12'-14'

Dominant Vegetation Community: Mixed Riparian Scrub

% Canopy:

% Invasive: 10

Type: Annual grasses, mustard

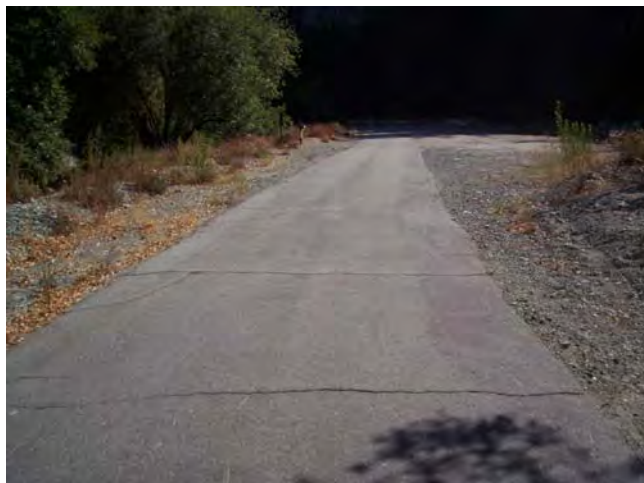
Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"						
>20"						

Description: This relatively flat drainage is dominated by mixed riparian scrub along the road crossing. Plant species include mulefat (*Baccharis salicifolia*), willow (*Salix* sp.), maple (*Acer macrophyllum*), wild rose (*Rosa californica*), and mugwort (*Artemisia douglasiana*). Horseweed (*Conyza* sp.), various mustards (*Brassica* spp.), and brome grasses (*Bromus* spp.) also occur.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1. Note width of road and lack of vegetation along road edges.



View towards upstream portion of tributary drainage that occurs along south side of road at this location.

RCA # 6-100

Plan Amendment

- Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Cobble/Bedrock

Road #: 2N25.1

Crossing Type: CMP

Road Width Range: 12'-14'

Dominant Vegetation Community: Mixed Riparian Scrub

% Canopy: 15

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder					
0 – 3"	12					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This drainage occurs parallel to the road for approximately 100' before diverting under the road through a large CMP. Steep bedrock walls characterize the channel just upstream of the road crossing and habitat is dominated by mixed riparian vegetation. Plant species occurring include white alder (*Alnus rhombifolia*), willow (*Salix* spp.), big-leaf maple (*Acer macrophyllum*), and California blackberry (*Rubus ursinus*). Scrub oak (*Quercus* sp.) and mountain mahogany (*Cercocarpus betuloides*) also occur along the uplands of the drainage. Road edges are dominated by brome grasses (*Bromus* spp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 characterizing alternating patches of open and closed canopy in this area.



View along upstream portion of the tributary drainage at this location. This drainage parallels the road for approximately 100 feet before flowing through CMP located underneath road crossing.

RCA # 6-101

Plan Amendment

Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: Paved Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Mixed Chaparral/Oak Riparian Woodland

% Canopy: 50

% Invasive: 20

Type: Annual grasses

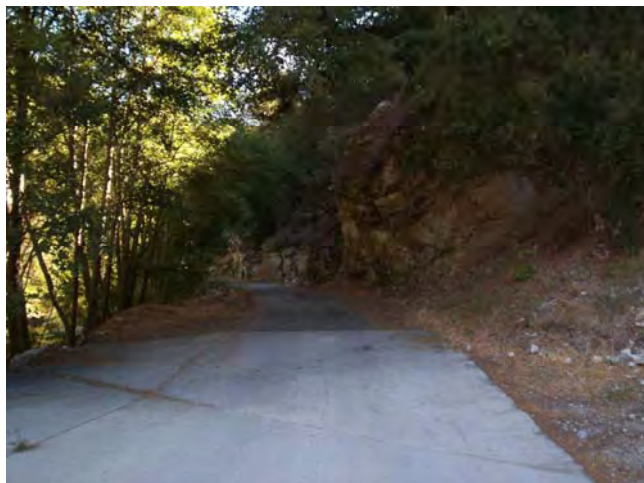
Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This steep, rocky drainage is characterized by mixed chaparral uplands upstream and oak riparian woodland downstream. Although no canopy cover occurs at the immediate crossing, cover dominated by oak trees reaches densities of nearly 100 percent on either side of the crossing along the road. Some of the plant species occurring in this area include oak trees (*Quercus* sp.), mulefat (*Baccharis salicifolia*), poison oak (*Toxicodendron diversilobum*), and mugwort (*Artemisia douglasiana*). Uplands are dominated by California buckwheat (*Eriogonum fasciculatum*), mountain mahogany (*Cercocarpus betuloides*), yucca (*Yucca whipplei*), and manzanita (*Arctostaphylos* sp.). Ragweed (*Ambrosia* sp.), horseweed (*Conyza* sp.), and brome grasses (*Bromus* spp.) occur along the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 towards area dominated by dense canopy just east of road crossing. Similar canopy density occurs west of crossing as well.



View towards upstream portion of tributary drainage that occurs along southern edge of road. Note thick chaparral vegetation that characterize higher elevations in this area.

RCA # 6-102

Plan Amendment

Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Cobble/Bedrock

Road #: 2N25.1

Crossing Type: Paved Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Alder/Oak Riparian Woodland

% Canopy: 75

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder	Sycamore	Unknown			
0 – 3"						
3 – 6"		1	1			
6 – 10"						
10 – 20"	1					
>20"						

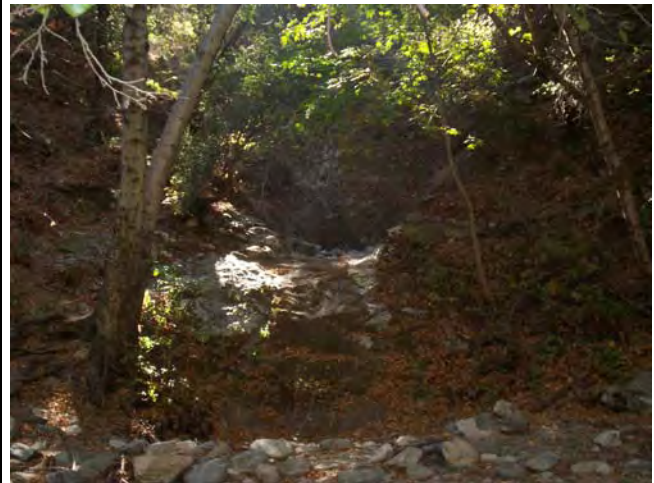
Description: The tributary drainage at this crossing consists of a small series of basins and a vertical bedrock wall and waterfall just upstream. Habitat in this area is dominated by alder/oak riparian woodland with a dense canopy over portions of the crossing area. Much of the canopy occurs at heights of approximately 16 feet or greater. Some of the plant species present include white alder (*Alnus rhombifolia*), oak (*Quercus* sp.), sycamore (*Platanus racemosa*), California blackberry (*Rubus ursinus*), and poison oak (*Toxicodendron diversilobum*). Ground cover includes bracken fern (*Pteridium aquilinum*), mugwort (*Artemisa douglasiana*), and brome grasses (*Bromus* spp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 across paved Arizona crossing. Note dense canopy cover dominated by alder and sycamore trees.



View upstream from road crossing. Note small basin in foreground and bedrock wall and dry waterfall in background.

RCA # 6-103

Plan Amendment

Yes
 No

Map Sheet: 22

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: Paved Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Alder/Maple Riparian Woodland

% Canopy: 15

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Count	Species	Notes	Notes	Notes
0 - 3"	Unknown				
3 - 6"					
6 - 10"	7				
10 - 20"	1				
>20"					

Description: This crossing is dominated by mature alder/maple riparian woodland. The tributary drainage consists of a steep, cascading channel that traverses the paved Arizona crossing. Plant species include white alder (*Alnus rhombifolia*), big-leaf maple (*Acer macrophyllum*), California bay (*Umbellularia californica*), oak (*Quercus* spp.), and poison oak (*Toxicodendron diversilobum*). Heavy leaf litter is dispersed around bracken fern (*Pteridium aquilinum*), mugwort (*Artemisia douglasiana*), and brome grasses (*Bromus* spp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along 2N25.1 towards downstream reaches of West Fork San Gabriel River which occurs just outside of photo on right side.



View along 2N25.1 towards upstream portion of West Fork San Gabriel River. Note trees occurring along road edge.

RCA # 6-104

Plan Amendment

Yes
 No

Map Sheet: 21

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Cobble

Road #: 2N25.1

Crossing Type: CMP

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak Riparian Woodland

% Canopy: 25

% Invasive: 20

Type: Annual grasses, mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Bay			
0 – 3"					
3 – 6"					
6 – 10"		1			
10 – 20"					
>20"	1				

Description: At this crossing, the tributary traverses down a mild gradient to a CMP at the road. Habitat consists of oak riparian woodland with chaparral elements at higher elevations. Tree species occurring here include oak (*Quercus* spp.), big-leaf maple (*Acer macrophyllum*), and California bay (*Umbellularia californica*). Shrubs are dominated by scrub oak (*Quercus* sp.), mountain mahogany (*Cercocarpus betuloides*), mallow (*Malacothamnus* sp.), California buckwheat (*Eriogonum fasciculatum*), and hollyleaf cherry (*Prunus ilicifolia*). Ground-cover consists of dense California blackberry (*Rubus ursinus*) intertwined among mugwort (*Artemisia douglasiana*), yucca (*Yucca whipplei*), mustard (*Brassica* spp.), and brome grasses (*Bromus* spp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1. CMP is present beneath road crossing at this location.



View towards upstream portion of tributary drainage. Note density of vegetation.

RCA # 6-105

Plan Amendment

Yes
 No

Map Sheet: 21

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: Paved
Arizona

Road Width Range: 14'-16'

Dominant Vegetation Community: Oak Riparian Woodland/Mixed Conifer Woodland

% Canopy: 10

% Invasive: 20

Type: Annual grasses, mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH					
0 – 3"					
3 – 6"					
6 – 10"					
10 – 20"					
>20"					

Description: This crossing occurs in the vicinity of the existing building for the Pasadena Bait Club. As a result, several non-native (likely planted) species occur among the oak riparian woodland and mixed conifer woodland habitats at this location. Some of the introduced species include wild grape (*Vitis californica*) and fig trees (XXXXX). Canopy cover at the crossing is relatively sparse; however, the road extends to downstream portions of the adjacent West Fork San Gabriel River that are dominated by dense canopies of mature trees, including douglas fir (*Pseudotsuga macrocarpa*), oak (*Quercus* spp.), pine (*Pinus* spp.), white alder (*Alnus rhombifolia*), and sycamore (*Platanus racemosa*). Other plant species include mallow (*Malacothamnus* sp.), California blackberry (*Rubus ursinus*), and yucca (*Yucca whipplei*). Mustard (*Brassica* spp.) and brome grasses (*Bromus* spp.) characterize the area along the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 adjacent to Pasadena Bait Club. Note dense canopy that occurs in background as the road parallels downstream portions of West Fork San Gabriel River.



View towards upstream reach of tributary drainage. Pasadena Bait Club building is located just to right out of photo.

RCA # 6-106

Plan Amendment

 Yes
 No

Map Sheet: 21

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

 Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: Paved Arizona

Road Width Range: 14'-20'

Dominant Vegetation Community: Oak/Sycamore Riparian Woodland

% Canopy: 10

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder	Sycamore				
0 – 3"						
3 – 6"						
6 – 10"	1	1				
10 – 20"						
>20"						

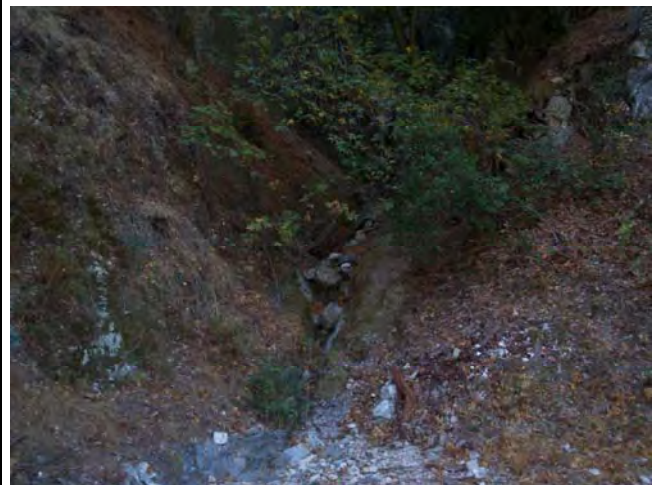
Description: This paved Arizona crossing is bounded along the northern edge by a guard rail that separates the road from the adjacent West Fork San Gabriel River. The tributary drainage runs perpendicular to the road and habitat in the area is dominated by oak/sycamore riparian woodland that transitions to chaparral influenced habitat at higher elevations. Plant species occurring here include white alder (*Alnus rhombifolia*), sycamore (*Platanus racemosa*), oak (*Quercus* spp.), coffeeberry (*Rhamnus californica*), poison oak (*Toxicodendron diversilobum*), and mugwort (*Artemisia douglasiana*). Brome grasses (*Bromus* spp.) are present along the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 with guard rail along northern edge of road.



View upstream along tributary drainage that occurs along southern edge of road. Note narrow channel that leads to flow across road crossing during heavy storm events.

RCA # 6-107

Plan Amendment

Yes
 No

Map Sheet: 21

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: Paved Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Oak Riparian Woodland

% Canopy: 50

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Alder				
0 – 3"					
3 – 6"					
6 – 10"					
10 – 20"					
>20"	1				

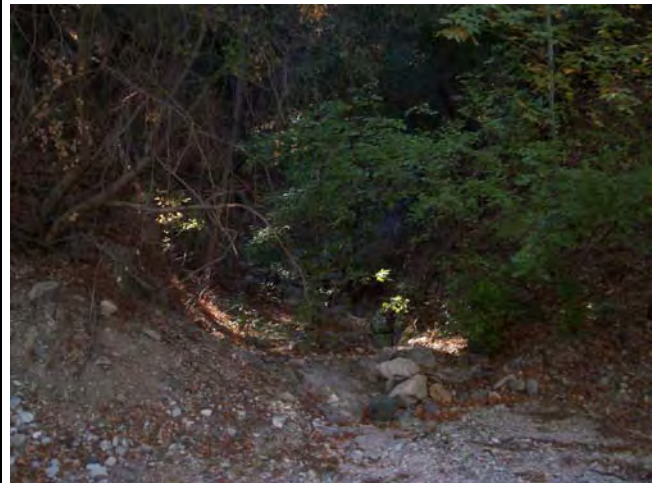
Description: Riparian oak woodland dominates the area at this location. The canopy is dominated by mature trees that extend beyond the crossing and along the road in both directions; however, many of these trees are beyond the immediate edges of the road. Some of the plant species occurring here include oak (*Quercus* spp.), white alder (*Alnus rhombifolia*), big-leaf maple (*Acer macrophyllum*), poison oak (*Toxicodendron diversilobum*), California blackberry (*Rubus ursinus*), and mugwort (*Artemisia douglasiana*). Brome grasses (*Bromus* spp.) are present along the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 across paved Arizona crossing. Note density of canopy cover in this area and distance that trees occur from road edges.



View upstream along tributary drainage on southern edge of road.

RCA # 6-108

Plan Amendment

Yes
 No

Map Sheet: 21

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: CMP

Road Width Range: 12'-14'

Dominant Vegetation Community: Alder Riparian Forest

% Canopy: 10

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Count	Species	Notes	Health	Location
0 – 3"	5	Unknown			
3 – 6"					
6 – 10"					
10 – 20"					
>20"					

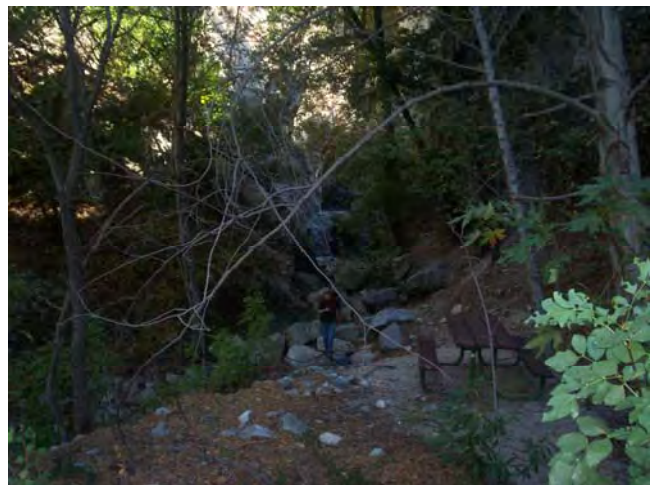
Description: This crossing consists of a large concrete bank wall with several CMPs underneath the road. The West Fork San Gabriel River abuts the bank wall on the northern edge of the road. The tributary drainage runs perpendicular to the road crossing at this location. Habitat consists of alder riparian forest and includes species such as white alder (*Alnus rhombifolia*), big-leaf maple (*Acer macrophyllum*), wild rose (*Rosa californica*), and goldenbush (*Isocoma menziesii*). Horseweed (*Conyza* sp.) and brome grasses (*Bromus* spp.) dominate the road edges at this location.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View of concrete bank wall with large CMP. This photo was taken at the eastern end of the crossing at this location. The concrete bank wall extends further west for approximately 100 feet and several more CMPs are present. The southern bank of the West Fork San Gabriel River is visible just below the concrete bank wall.



View along upstream portion of tributary drainage that occurs along southern edge of road. Note large boulders indicating potential for heavy flows in this area.

RCA # 6-109

Plan Amendment

- Yes
 No

Map Sheet: 21

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.1

Crossing Type: CMP

Road Width Range: 14'-16'

Dominant Vegetation Community: Mixed Riparian Woodland

% Canopy: 10

% Invasive: 10

Type: Annual grasses, mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"						
>20"						

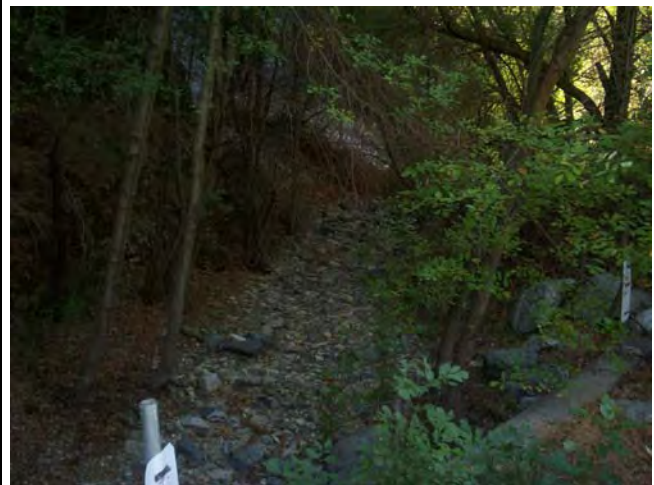
Description: A large concrete bank wall with several CMPs underneath the road dominates this crossing location. The West Fork San Gabriel River occurs along the northern edge of the road below the bank wall. The tributary drainage occurs on the south side of the road where habitat consists of mixed riparian woodland and includes plant species such as white alder (*Alnus rhombifolia*), big-leaf maple (*Acer macrophyllum*), douglas fir (*Pseudotsuga xxxx*), poison oak (*Toxicodendron diversilobum*), and vetch (*Vicia sp.*). This area is located adjacent to Glenn Campground.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.1 across concrete bank wall with several CMPs underneath road. West Fork San Gabriel River visible just below bank wall.



View upstream along tributary drainage. Note sign in foreground indicating trail and campground in area.

RCA # 6-110

Plan Amendment

Yes
 No

Map Sheet: 20

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble

Road #: 2N25.2

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Oak Riparian Woodland/Bay Forest

% Canopy: 75

% Invasive: 5

Type: Broom

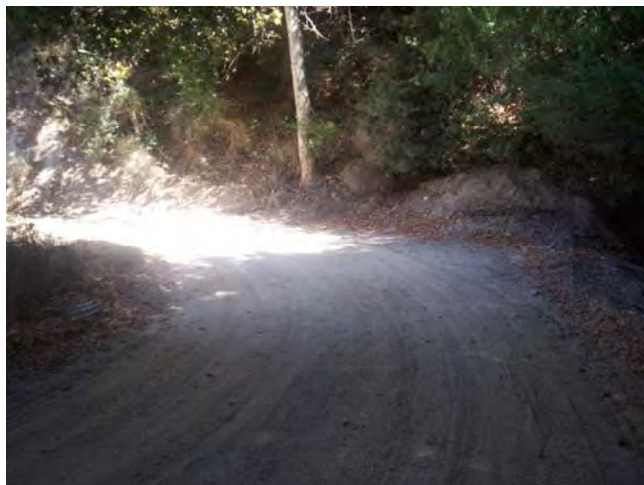
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Sycamore				
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"	1	1				
>20"						

Description: This location occurs west of the transition from paved to dirt road. The tributary drainage consists of a moderately steep, narrow bedrock-lined channel with habitat dominated by oak riparian woodland and California bay forest. Plant species present include oak (*Quercus* spp.), California bay (*Umbellularia californica*), sycamore (*Platanus racemosa*), coffeeberry (*Rhamnus californica*), and poison oak (*Toxicodendron diversilobum*). Heavy leaf litter and a dense canopy characterize much of the area. Spanish broom (*Spartium junceum*) occurs scattered throughout the area, particularly near the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.2 unpaved road. Note heavy leaf litter and dense canopy.



View downstream along tributary drainage. Note heavy leaf litter.

RCA # 6-111

Plan Amendment

- Yes
 No

Map Sheet: 20

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Gravel/Cobble/Bedrock

Road #: 2N25.2

Crossing Type: Arizona

Road Width Range: 12'-16'

Dominant Vegetation Community: Mixed Riparian Woodland

% Canopy: 5

% Invasive: 10

Type: Annual grasses, broom

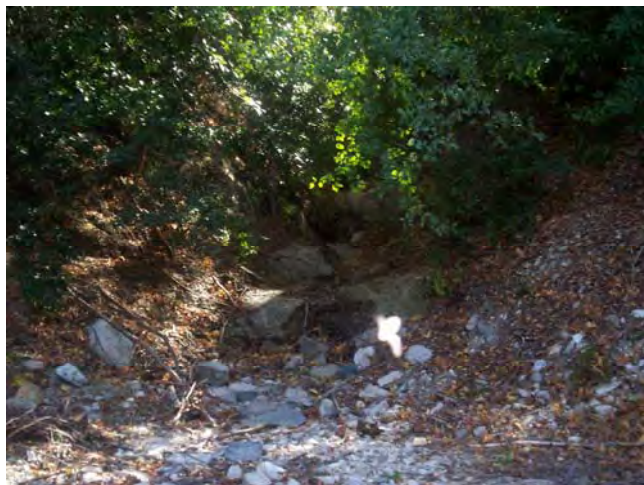
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak				
0 - 3"	1				
3 - 6"					
6 - 10"					
10 - 20"					
>20"					

Description: This location occurs within mixed riparian woodland habitat. The tributary drainage consists of exposed bedrock walls and an existing concrete spillway along the northern edge of the road. Plant species present include oak (*Quercus* spp.), big-leaf maple (*Acer macrophyllum*), white alder (*Alnus rhombifolia*), California bay (*Umbellularia californica*), poison oak (*Toxicodendron diversilobum*), and bracken fern (*Pteridium aquilinum*). Spanish broom (*Spartium junceum*) and brome grasses (*Bromus* spp.) occur scattered throughout the area.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View upstream along tributary drainage that bisects road at this location.



View towards downstream portion of tributary drainage. Note concrete spillway at center of photo.

RCA # 6-112

Plan Amendment

- Yes
 No

Map Sheet: 20

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N25.2

Crossing Type: Arizona

Road Width Range: 12'-20'

Dominant Vegetation Community: Mixed Woodland

% Canopy: 10

% Invasive: 50

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: The tributary drainage at this location is characterized by steep bedrock walls that extend down to a narrow channel dominated by alluvial debris and a concrete spillway along the edge of the road. Habitat in the area includes mixed woodland with plant species such as pine (*Pinus* sp.), oak (*Quercus* spp.), California bay (*Umbellularia californica*), mountain mahogany (*Cercocarpus betuloides*), and yucca (*Yucca whipplei*). Brome grasses (*Bromus* spp.) occur in scattered patches throughout the location.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.2. Note areas of disturbance along road edges.



View downstream along tributary drainage at this location. Note concrete spillway at center of photo.

RCA # 6-113

Plan Amendment

- Yes
 No

Map Sheet: 20

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Cobble

Road #: 2N25.2

Crossing Type: CMP

Road Width Range: 15'-25'

Dominant Vegetation Community: Maple/Bay Riparian Woodland

% Canopy: 40

% Invasive: 5

Type: Annual grasses

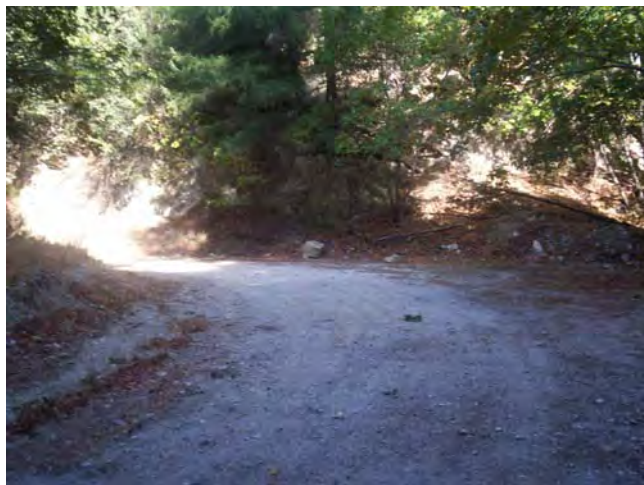
Trees in RCA Buffer within 5' of Existing Road:

DBH	Bay	Maple				
0 – 3"						
3 – 6"	1	1				
6 – 10"		1				
10 – 20"						
>20"						

Description: This area is dominated by maple/bay riparian woodland with a relatively dense canopy. Plant species include big-leaf maple (*Acer macrophyllum*), California bay (*Umbellularia californica*), douglas fir (*Pseudotsuga macrocarpa*), poison oak (*Toxicodendron diversilobum*), California blackberry (*Rubus ursinus*), and mugwort (*Artemisia douglasiana*). Brome grasses (*Bromus* spp.) dominate the road edges among dense leaf litter.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.2 across CMP located underneath road at this location. Note width of road and turnout on right side of photo.



View of CMP located along downstream reach of tributary drainage as it bisects the road.

RCA # 6-114

Plan Amendment

- Yes
 No

Map Sheet: 20

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Cobble/Gravel

Road #: 2N25.2

Crossing Type: Arizona

Road Width Range: 15'-20'

Dominant Vegetation Community: Mixed Riparian Woodland

% Canopy: 30

% Invasive: 5

Type: Annual grasses

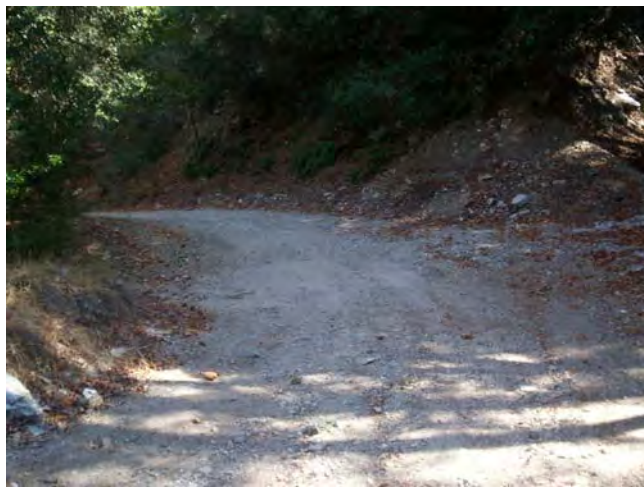
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Maple				
0 – 3"						
3 – 6"						
6 – 10"	1	2				
10 – 20"						
>20"	3					

Description: This tributary drainage consists of a steep, narrow channel surrounded by mixed riparian woodland. Plant species occurring here include oak (*Quercus* spp.), big-leaf maple (*Acer macrophyllum*), California bay (*Umbellularia californica*), California coffeeberry (*Rhamnus californica*), and bracken fern (*Pteridium aquilinum*). Brome grasses (*Bromus* spp.) occur along the road edges.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.2. Note road width and areas of disturbance dominated by brome grasses along edge of road.



View towards upstream reach of tributary drainage that bisects road. Note narrow channel.

RCA # 6-115

Plan Amendment

- Yes
 No

Map Sheet: 23

Water Body: Unnamed tributary to West Fork San Gabriel River

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 2N25.2

Crossing Type: Arizona

Road Width Range: 8'-18'

Dominant Vegetation Community: Montane Riparian Woodland

% Canopy: 75

% Invasive: 5

Type: Annual grasses

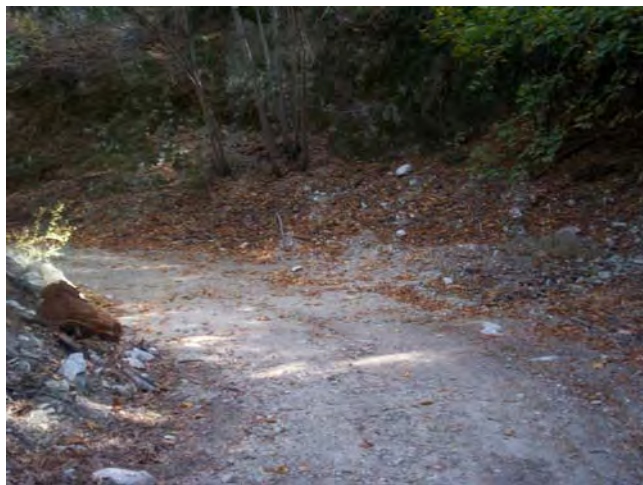
Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Maple	Fir			
0 - 3"			1			
3 - 6"						
6 - 10"	1	4				
10 - 20"						
>20"			1			

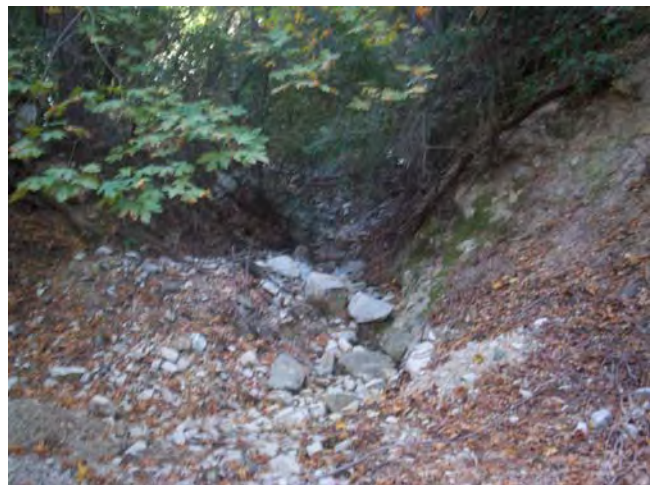
Description: This location is dominated by a dense canopy cover of mature trees, including oak (*Quercus* sp.), big-leaf maple (*Acer macrophyllum*), Douglas fir (*Pseudotsuga macrocarpa*), and California bay (*Umbellularia californica*). Understory species are primarily shaded out, but include California rose (*Rosa californica*) and bracken fern (*Pteridium aquilinum*) to a small degree.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along 2N25.2. Road appears narrow but opens to wider area just beyond photo.



View upstream along tributary drainage. Note lack of understory as dense canopy shades out much of the area.

RCA # 11-1

Plan Amendment

Yes
 No

Map Sheet: 1

Water Body: Unnamed ephemeral drainage

Substrate: N/A

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Concrete culvert

Road Width Range: 10'-12'

Dominant Vegetation Community: Non-native grasslands with scrub oak

% Canopy: 0

% Invasive: 75

Type: Annual grasses/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"						
>20"						

Description: This dry ephemeral drainage contains a high water swale with non-native grasses (*Bromus* sp.) and scrub oak (*Quercus* sp.). Other dominant plants present include brittlebush (*Encelia* sp.), buckwheat (*Eriogonum fasciculatum*), mustard (*Brassica* sp.), and chia (*Salvia columbariae*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along unnamed road. Note density of annual grasses in area.



View towards upstream portion of drainage. Note lack of riparian vegetation.

RCA # 11-2

Plan Amendment

Yes
 No

Map Sheet: 1

Water Body: Unnamed ephemeral drainage

Substrate: Sand

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 9'-12'

Dominant Vegetation Community: Alluvial Fan Scrub

% Canopy: 0

% Invasive: 75

Type: Annual grasses/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"						
>20"						

Description: This area contains a broad valley with a shallow incised drainage downstream of the crossing. Plant species present include non-native grasses (*Bromus* sp.), deerweed (*Lotus scoparius*), brittlebush (*Encelia* sp.), and scrub oak (*Quercus* sp.). There is an area that has recently burned. The recently burned area includes mostly wirelettuce (*Stephanomeria* sp.), ambrosia (*Ambrosia ambrosioides*), buckwheat (*Eriogonum fasciculatum*), and brittlebush (*Encelia* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along unnamed road towards broad valley dominated by annual grasses. Note scrub vegetation within drainage that crosses road towards center of photo.

RCA # 11-3	Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Map Sheet: 1	
	Water Body: Unnamed intermittent drainage		Buffer: 30 m	Stream Type: <input type="checkbox"/> Perennial <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral
Substrate: Sand/Gravel		Road #: 4N24.2 (Edison)		Crossing Type: Arizona
Dominant Vegetation Community: Non-Native Grassland with scattered oaks		Road Width Range: 10'-12'		% Canopy: 0
				% Invasive: 75
				Type: Annual grasses
Trees in RCA Buffer within 5' of Existing Road:				
DBH	Elderberry			
0 – 3"	3			
3 – 6"				
6 – 10"				
10 – 20"				
>20"				
Description: This area contains a narrow, incised channel with scattered willows (<i>Salix</i> sp.) and chamise (<i>Adenostoma fasciculatum</i>) adjacent to the area. The area is dominated by non-native grassland. Other plant species present include ambrosia (<i>Ambrosia ambrosioides</i>), deerweed (<i>Lotus scoparius</i>), scrub oak (<i>Quercus</i> sp.), elderberry (<i>Sambucus mexicana</i>), woollystar (<i>Eriastrum</i> sp.), buckwheat (<i>Eriogonum fasciculatum</i>), and wallflower (<i>Erysimum</i> sp.).				
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad				
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.				



View along Edison Road (4N24.2). Note drainage that parallels road to left of photo.



View towards downstream portion of tributary drainage. Note vegetation along channel.

RCA # 11-4

Plan Amendment

Yes
 No

Map Sheet: 2

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 4N24.2 (Edison)

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Non-native grasslands with scattered scrub oaks

% Canopy: 0

% Invasive: 75

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This dry ephemeral drainage is dominated by non-native grasses (*Bromus* sp.). This small watershed also contains a swale with oatgrass (*Avena fatua*), phacelia (*Phacelia* sp.), fiddleneck (*Amsinkia lycopsoides*), buckwheat (*Eriogonum fasciculatum*), mustard (*Brassica* sp.), and scattered scrub oaks (*Quercus* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison Road (4N24.2) with habitat dominated by annual grasses and occasional shrubby species.

RCA # 11-5	Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Map Sheet: 2		
	Water Body: Unnamed ephemeral drainage		Buffer: Edge	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral	
Substrate: Sand/Gravel/Cobble		Road #: 4N24.2 (Edison)		Crossing Type: Arizona	Road Width Range: 10'-12'
Dominant Vegetation Community: Non-Native Grassland				% Canopy: 0	% Invasive: 75 Type: Annual grasses
Trees in RCA Buffer within 5' of Existing Road:					
DBH	Mulefat	Arroyo Willow	Cottonwood		
0 – 3"	7	1	1		
3 – 6"					
6 – 10"					
10 – 20"					
>20"					
Description: This area is dominated by non-native grasses (<i>Bromus</i> sp.). Other plant species present include scrub oak (<i>Quercus</i> sp.), buckwheat (<i>Eriogonum fasciculatum</i>), interior live oak (<i>Quercus wislizeni</i>), and deerweed (<i>Lotus scoparius</i>). A road edge seep contains cottonwood (<i>Populus fremontii</i>), willow (<i>Salix</i> sp), mulefat (<i>Baccharis salicifolia</i>), and brittlebush (<i>Encelia</i> sp.).					
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad					
Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.					



View along Edison Road (4N24.2). Note steep exposed bedrock wall along roadside.



View along Edison Road (2N24.2). Note seep along roadside that supports riparian vegetation.

RCA # 11-6	Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Map Sheet: 2	
	Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral
Substrate: Sand/Gravel/Cobble		Road #: 4N24.2 (Edison)		Crossing Type: Arizona
Dominant Vegetation Community: Non-Native Grasslands with Scrub Oak south of road		Road Width Range: 12'-16'		% Canopy: 0
				% Invasive: 75
				Type: Annual grasses
Trees in RCA Buffer within 5' of Existing Road:				
DBH				
0 – 3"				
3 – 6"				
6 – 10"				
10 – 20"				
>20"				
Description: This is a high watershed, ephemeral drainage. Dominant plants include scrub oak (<i>Quercus</i> sp.), thickleaf yerba santa (<i>Eriodictyon crassifolium</i>), non-native grasses (<i>Bromus</i> sp.), oatgrass (<i>Avena fatua</i>), phacelia (<i>Phacelia</i> sp.), big sagebrush (<i>Artemisia tridentata</i>), deerweed (<i>Lotus scoparius</i>), chia (<i>Salvia columbariae</i>), fiddleneck (<i>Amsinkia lycopsoides</i>), and cryptantha (<i>Cryptantha</i> sp.).				
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad				
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.				



View along Edison Road (4N24.2). Note ground cover dominated by annual grasses.



View towards Edison Road (4N24.2) and downstream portion of drainage crossing.

RCA # 11-7

Plan Amendment

Yes
 No

Map Sheet: 2

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 4N24.2 (Edison)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Non-Native Grassland

% Canopy: 0

% Invasive: 75

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a small watershed with an ephemeral channel above the road cut. The vegetation is dominated by non-native grasses (*Bromus* sp.). Other plants present include chia (*Salvia columbariae*), oat grass (*Avena fatua*), thickleaf yerba santa (*Eriodictyon crassifolium*), and fiddleneck (*Amsinkia lycopsoides*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison Road (4N24.2) through sparsely vegetated grassland.



View along Edison Road (4N24.2) with drainage crossing in foreground of photo.

RCA # 11-8

Plan Amendment

- Yes
 No

Map Sheet: 2

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 4N24.2 (Edison)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Non-Native Grassland

% Canopy: 0

% Invasive: 75

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is a narrow gorge with pockets of willows (*Salix* sp.) up and downstream from the road crossing. Most of the vegetation is non-native grass (*Bromus* sp.). Other plants present include buckwheat (*Eriogonum fasciculatum*), deerweed (*Muhlenbergia rigens*), white sage (*Salvia apiana*), and phacelia (*Phacelia* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad



Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison Road (4N24.2).



View of narrow gorge dominated by willows. Road occurs above vegetation at center of photo.

RCA # 11-9	Plan Amendment <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Map Sheet: 2			
Water Body: Unnamed perennial drainage	Buffer: 100 m	Stream Type: <input checked="" type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral			
Substrate: N/A					
Road #: 4N24.2 (Edison)	Crossing Type: Paved Arizona	Road Width Range: 7'-11'			
Dominant Vegetation Community: Cottonwood-Willow Riparian Forest (burned)		% Canopy: 25	% Invasive: 10 Type: Annual grasses; sweetclover		
Trees in RCA Buffer within 5' of Existing Road:					
DBH	Cottonwood	Arroyo Willow	Sycamore	Mulefat	
0 – 3"	44	6	1	2	
3 – 6"	3				
6 – 10"					
10 – 20"					
>20"					
Description: This cottonwood-willow riparian forest is recovering from fire. The upland adjacent habitat is burned chamise (<i>Adenostoma fasciculatum</i>) chaparral with many exotics including non-native grasses (<i>Bromus</i> sp.). Other plant species present include cottonwood (<i>Populus fremontii</i>), willowherb (<i>Epilobium</i> sp.), cattail (<i>Typha</i> sp.), rushes (<i>Juncus</i> sp.), evening primrose (<i>Oenothera</i> sp.), rabbitsfoot grass (<i>Polypogon</i> sp.), blackberry (<i>Rubus ursinus</i>), horsetail (<i>Equisitum</i> sp.), arroyo willow (<i>Salix lasiolepis</i>), narrowleaf willow (<i>Salix exigua</i>), mulefat (<i>Baccharis salicifolia</i>), giant wild grape (<i>Vitis californica</i>), sycamore (<i>Platanus racemosa</i>), wild tarragon (<i>Artemisia dracunculus</i>), white sweetclover (<i>Melilotus</i> sp.), and California brickellbush (<i>Brickellia californica</i>).					
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad					
Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.					
					
View along Edison Road (4N24.2) through cottonwood-willow riparian forest.			View along Edison Road (4N24.2). Note remnants of burned chamise chaparral in background.		

RCA # 11-10

Plan Amendment

Yes
 No

Map Sheet: 2

Water Body: Unnamed ephemeral drainage

Substrate: Sand

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 4N24.1 (Edison)

Crossing Type: Arizona

Road Width Range: 11'-14'

Dominant Vegetation Community: Burnt chamise chaparral

% Canopy: 5

% Invasive: 50

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This habitat is recovering burned chamise (*Adenostoma fasciculatum*) chaparral with large parcels of non-native grasses (*Bromus* sp.), and some native bunchgrass (*Nassella pulchra*). Other plant species present include hollyleaf cherry (*Prunus ilicifolia*), thicketleaf yerba santa (*Eriodictyon crassifolium*), chia (*Salvia columbariae*), mountain mahogany (*Cercocarpus betuloides*), big sagebrush (*Artemisia tridentata*), Turkish rugging (*Chorizanthe stacioides*), wirelettuce (*Stephanomeria* sp.), and penstemon (*Penstemon* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison Road (4N24.1). Habitat dominated by recovering chamise chaparral in this area.

RCA # 11-11		Plan Amendment <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Map Sheet: 2	
Water Body: Unnamed ephemeral drainage		Buffer: 0 m	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Ephemeral	
Substrate: Sand				
Road #: 4N24.1 (Edison)		Crossing Type: Arizona	Road Width Range: 10'-14'	
Dominant Vegetation Community: Mixed Chaparral		% Canopy: 25	% Invasive: 50 Type: Annual grasses; mustard	
Trees in RCA Buffer within 5' of Existing Road:				
DBH				
0 – 3"				
3 – 6"				
6 – 10"				
10 – 20"				
>20"				
<p>Description: This is a shallow, ephemeral drainage dominated by upland species such as non-native grasses (<i>Bromus</i> sp.), big sagebrush (<i>Artemisia tridentata</i>), ambrosia (<i>Ambrosia ambrosioides</i>), hollyleaf cherry (<i>Prunus ilicifolia</i>), mountain mahogany (<i>Cercocarpus betuloides</i>), chamise (<i>Adenostoma fasciculatum</i>), scrub oak (<i>Quercus</i> sp.), thickleaf yerba santa (<i>Eriodictyon crassifolium</i>), chia (<i>Salvia columbariae</i>), deerweed (<i>Lotus scoparius</i>), needle grass (<i>Nassella</i> sp.), and mustard (<i>Brassica</i> sp.).</p>				
Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad				
Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.				



View along Edison Road (4N24.1). Note mixed chaparral vegetation.



View towards downstream portion of tributary drainage at road crossing.

RCA # 11-12

Plan Amendment

Yes
 No

Map Sheet: 2

Water Body: Unnamed ephemeral drainage

Substrate: N/A

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 4N24.1 (Edison)

Crossing Type: CMP

Road Width Range: 10'-12'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is dominated by chamise (*Adenostoma fasciculatum*) chaparral with some manzanita (*Arctostaphylos glauca*). Other plants present include buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), wirelettuce (*Stephanomeria* sp.), needlegrass (*Nassella* sp.), chia (*Salvia columbariae*), and rabbit brush (*Chrysothamnus viscidiflorus*), with non-native grasses (*Bromus* sp.) along the road. There is a raised corrugated metal pipe across the road.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison Road (4N24.1) dominated by chamise chaparral.



View towards upstream portion of drainage at road crossing. Note dominance of chamise chaparral.

RCA # 11-13

Plan Amendment

- Yes
 No

Map Sheet: 2

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 4N24.1 (Edison)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 40

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry rocky high watershed and drainage with sparse chamise (*Adenostoma fasciculatum*) and mountain mahogany (*Cercocarpus betuloides*) scrub, and elements of coastal sage scrub. Other plant species include chia (*Salvia columbariae*), buckwheat (*Eriogonum fasciculatum*), thistleleaf yerba santa (*Eriodictyon crassifolium*), rabbit brush (*Chrysothamnus viscidiflorus*), and a strong presence of non-native grasses (*Bromus* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison Road (4N24.1). Note heavy presence of annual grasses along road edges.



View towards downstream portion of tributary drainage.

RCA # 11-14

Plan Amendment

- Yes
 No

Map Sheet: 3

Water Body: Unnamed ephemeral drainage

Substrate: Sand

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 4N24.1 (Edison)

Crossing Type: Arizona

Road Width Range: 10'-16'

Dominant Vegetation Community: Douglas fir-oak woodland

% Canopy: 100

% Invasive: 0

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH	Fir	Oak				
0 – 3"	1	2				
3 – 6"	1	3				
6 – 10"	2	3				
10 – 20"	2	5				
>20"	2					

Description: This drainage is filled with currant (*Ribes* sp.) and canyon live oaks (*Quercus chrysolepis*) upstream and coast live oak (*Quercus agrifolia*) downstream. Upland adjacent vegetation is dominated by big-cone Douglas fir (*Pseudotsuga macrocarpa*) woodland and mature live oaks. There is a dead big-cone Douglas fir which is adjacent the RCA.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Mature oaks abut road. Steep upslope with mature oaks on top.



Dense vegetation in the drainage.

RCA # 11-15

Plan Amendment

Yes
 No

Map Sheet: 3

Water Body: Unnamed intermittent drainage

Substrate: Sand/Gravel

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 4N24.1 (Edison)

Crossing Type: Arizona

Road Width Range: 8'-10'

Dominant Vegetation Community: Oak/Pine Forest

% Canopy: 50

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Douglas Fir	Coast Live Oak	Canyon Live Oak			
0 – 3"		1				
3 – 6"	1	2	1			
6 – 10"	1	4	2			
10 – 20"		1	3			
>20"	2	1				

Description: This is a high watershed intermittent drainage. The upland adjacent habitat consists of oak/pine forest. There are many big-cone Douglas fir (*Pseudotsuga macrocarpa*) trees in the area with one large stand adjacent to the crossing. Other plant species include ceanothus (*Ceanothus crassifolius*), non-native grasses (*Bromus* sp.), canyon live oak (*Quercus chrysolepis*), coast live oak (*Quercus agrifolia*), and California wildrose (*Rosa californica*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Steep rock wall on the upslope in the foreground. Mature trees along the roadside.



Note mature oaks adjacent road.

RCA # 11-16

Plan Amendment

Yes
 No

Map Sheet: 4

Water Body: Unnamed ephemeral drainage

Substrate: Sand

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 4N24.1 (Edison)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 10

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"	2					
3 – 6"	3					
6 – 10"	10					
10 – 20"	1					
>20"						

Description: This dry ephemeral drainage has bare soil in the channel. There are some multi-stemmed clumped oaks present. Plant species include oaks (*Quercus* sp.), manzanita (*Arctostaphylos glauca*), chamise (*Adenostoma fasciculatum*), mountain mahogany (*Cercocarpus betuloides*), chaparral yucca (*Yucca whipplei*), California fuschia (*Epilobium canum*), and thicketleaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Some canopy from mature trees. Some sandy exposed areas.



Vegetation is dense and close to roadside.

RCA # 11-17

Plan Amendment

- Yes
 No

Map Sheet: 4

Water Body: Unnamed intermittent drainage

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: N/A

Road #: 4N24.1 (Edison)

Crossing Type: CMP

Road Width Range: 10'-18'

Dominant Vegetation Community: Oak Woodland

% Canopy: 90

% Invasive: 15

Type: Annual grasses/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Cedar	Fir	Pine		
0 – 3"	3	1		2		
3 – 6"	10	2				
6 – 10"	18	1		1		
10 – 20"	10	1		1		
>20"	2		1			

Description: This intermittent drainage has arroyo willow riparian habitat just downstream. There are many oak seedlings (*Quercus* sp.) in the area. Plant species present include arroyo willow (*Salix lasiolepis*), mugwort (*Artemisia douglasiana*), big-cone Douglas fir (*Pseudotsuga macrocarpa*), rushes (*Juncus* sp.), tarragon (*Artemisia dracuncululus*), manzanita (*Arctostaphylos glauca*), buckwheat (*Eriogonum* sp.), and currant (*Ribes* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Paved section of road with large pullout. Mature forested area.



Douglas-fir and oak overhanging and shading road.

RCA # 11-18

Plan Amendment

Yes
 No

Map Sheet: 4

Water Body: Unnamed tributary to North Fork Mill Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 9'-13'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is dominated by chamise (*Adenostoma fasciculatum*) chaparral on all sides. Other plants include scrub oak (*Quercus* sp.), stiffbranch bird's beak (*Cordylanthus rigidus*), thicketleaf yerba santa (*Eriodictyon crassifolium*), prickly phlox (*Leptodactylon californicum*), manzanita (*Arctostaphylos glauca*), chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), and mountain mahogany (*Cercocarpus betuloides*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Steep banks with chamise chaparral in the uplands.



Road cut with steep upslope. Scour line from flows can be seen crossing the road in the foreground.

RCA # 11-19

Plan Amendment

Yes
 No

Map Sheet: 4

Water Body: Unnamed tributary to North Fork Mill Creek

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 9'-13'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is an ephemeral drainage dominated by chamise chaparral. Plant species present include buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), thicket yerba santa (*Eriodictyon crassifolium*), and elderberry (*Sambucus mexicana*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Road cut is steep in most areas. Chamise, buckwheat, and yucca line the road.



Steep slope above road with chamise chaparral.

RCA # 11-20

Plan Amendment

- Yes
 No

Map Sheet: 4

Water Body: Unnamed tributary to North Fork Mill Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Cobble

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 9'-16'

Dominant Vegetation Community: Oak Woodland/Chamise Chaparral

% Canopy: 50

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"	5					
>20"						

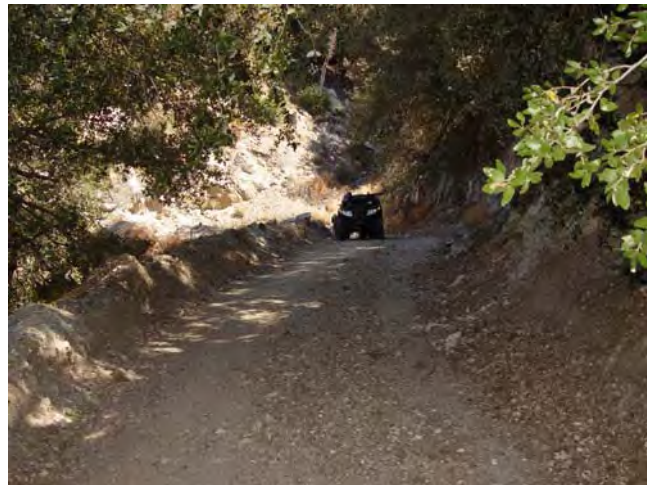
Description: This area is dominated by buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), mountain mahogany (*Cercocarpus betuloides*), thickleaf yerba santa (*Eriodictyon crassifolium*), phacelia (*Phacelia* sp.), non-native grasses (*Bromus* sp.), native bunchgrass (*Nasella* sp.), prickly phlox (*Leptodactylon californicum*), and scattered big-cone Douglas fir (*Pseudotsuga macrocarpa*). The upper slope is bedrock.

Riparian dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



View along Edison/Fall Creek Road (3N27). Note heavy canopy of oak woodland in background.



View along Edison/Fall Creek Road (3N27). Note steep wall along right side of photo.

RCA # 11-21

Plan Amendment

- Yes
 No

Map Sheet: 4

Water Body: North Fork Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Cobble/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Oak-Willow Riparian Woodland

% Canopy: 25

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Willow	Oak	Scrub Oak			
0 – 3"	2	9	1			
3 – 6"		18				
6 – 10"		3				
10 – 20"		1				
>20"		1				

Description: There are a few willows at the crossing and one >20" DBH canyon live oak that will need more than 20% of its canopy trimmed. Plants present include scale broom (*Lepidospartum* sp.), mountain mahogany (*Cercocarpus betuloides*), chaparral yucca (*Yucca whipplei*), threadleaf ragwort (*Senecio flaccidus*), canyon live oak (*Quercus chrysolepis*), interior live oak (*Quercus wislizeni*), arroyo willow (*Salix lasiolepis*), mulefat (*Baccharis salicifolia*), wand buckwheat (*Eriogonum elongatum*), tarragon (*Artemisia dracuncululus*), with scrub oak (*Quercus* sp.) up the slope.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Vegetation growing in road.



Note rocky stream channel crossing road.

RCA # 11-22

Plan Amendment

- Yes
 No

Map Sheet: 4

Water Body: Unnamed tributary North Fork Mill Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 12'-21'

Dominant Vegetation Community: Chamise Chaparral/Oak Woodland

% Canopy: 20

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"						
3 – 6"						
6 – 10"	5					
10 – 20"	2 (1 dead)					
>20"						

Description: This is a dry, ephemeral drainage. There are mountain mahogany (*Cercocarpus betuloides*), chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), chamise (*Adenostoma fasciculatum*), chia (*Salvia columbariae*), brickellbush (*Brickellia* sp.), cryptantha (*cryptantha* sp.), and non-native grasses (*Bromus* sp.) in the drainage.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Road with non-native grasses bordering and oak woodland in the upland.



Note canopy cover in background from overhanging oaks.

RCA # 11-23

Plan Amendment

- Yes
 No

Map Sheet: 4

Water Body: Unnamed tributary North Fork Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Scrub Oak/Chamise Chaparral with patches of Coastal Sage Scrub and Willow Riparian

% Canopy: 40

% Invasive: 5

Type: Annual grasses/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH	Arroyo Willow	Oak			
0 – 3"	3	5			
3 – 6"					
6 – 10"	1	1			
10 – 20"		2			
>20"					

Description: This intermittent drainage is dominated by scrub oak and chaparral. Plant species present include mountain mahogany (*Cercocarpus betuloides*), chaparral yucca (*Yucca whipplei*), thickleaf yerba santa (*Eriodictyon crassifolium*), interior live oak (*Quercus wislizeni*), canyon live oak (*Quercus chrysolepis*), poison oak (*Toxicodendron diversilobum*), coffee berry (*Rhamnus californica*), elderberry (*Sambucus mexicana*), tarragon (*Artemisia dracunculus*), mature willows (*Salix* sp.), and alders (*Alnus rhombifolia*) upstream.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Dense riparian vegetation at crossing.



Note large oaks overhanging road.

RCA # 11-24

Plan Amendment

Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary North Fork Mill Creek

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 11'-17'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: The area is dominated by chamise chaparral on both sides of the crossing. Plant species include chamise (*Adenostoma fasciculatum*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), non-native grasses (*Bromus* sp.), thickleaf yerba santa (*Eriodictyon crassifolium*), scrub oak (*Quercus* sp.), and mountain mahogany (*Cercocarpus betuloides*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Road is narrow and open with chamise chaparral along sides.



Note disturbed area with non-native grasses along roadside at curve.

RCA # 11-25

Plan Amendment

- Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to North Fork Mill Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: N/A

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Concrete culvert

Road Width Range: 12'-22'

Dominant Vegetation Community: Oak Riparian Woodland

% Canopy: 5

% Invasive: 15

Type: Annual grasses/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH	Douglas Fir	Oak			
0 - 3"	1	4			
3 - 6"	2	1			
6 - 10"		4			
10 - 20"	2	1			
>20"					

Description: This area is oak riparian woodland with chamise chaparral in adjacent habitat. There is a dense canopy on the access road that would require trimming. Plant species present include canyon live oak (*Quercus chrysolepis*), interior live oak (*Quercus wislizeni*), maple (*Acer macrophyllum*), big-cone Douglas fir (*Pseudotsuga macrocarpa*), willows (*Salix* sp.), mulefat (*Baccharis salicifolia*), California fuschia (*Epilobium canum*), tarragon (*Artemisia dracunculus*), thicketleaf yerba santa (*Eriodictyon crassifolium*), chaparral yucca (*Yucca whipplei*), stiffbranch bird's beak (*Cordylanthus rigidus*), mountain mahogany (*Cercocarpus betuloides*), and chamise (*Adenostoma fasciculatum*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note dense vegetation along road.



Oak riparian woodland habitat.

RCA # 11-26

Plan Amendment

- Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to North Fork Mill Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'6"-18'

Dominant Vegetation Community: Oak Woodland

% Canopy: 20

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"	2					
3 – 6"	1					
6 – 10"	1					
10 – 20"	1					
>20"						

Description: This area is dominated by oak woodland with non-native grasses (*Bromus* sp.). There is poison oak (*Toxicodendron diversilobum*) in the drainage along with some bedstraw (*Galium* sp.). One canyon live oak (*Quercus chrysolepis*) will need to be trimmed by more than 20%.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Oak woodland abuts and overhangs road.



Note shade in foreground from closed canopy. Road is narrow.

RCA # 11-27

Plan Amendment

Yes
 No

Map Sheet: 5

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 13'-23'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 0

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is dominated by chamise chaparral habitat with chamise (*Adenostoma fasciculatum*), mountain mahogany (*Cercocarpus betuloides*), chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), and thicket leaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Note open exposed areas of sand and bedrock.



Chamise chaparral with some open areas.

RCA # 11-28

Plan Amendment

Yes
 No

Map Sheet: 5

Water Body: Unnamed ephemeral drainage

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-14'

Dominant Vegetation Community: Chamise/Mountain Mahogany Chaparral

% Canopy: 0

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is dominated by chamise (*Adenostoma fasciculatum*), and mountain mahogany (*Cercocarpus betuloides*), found mainly along the roads. Other plants present include buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), and thicketleaf yerba santa (*Eriodictyon crassifolium*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Mountain mahogany and chamise with some buckwheat lining the road.



Chamise/mountain mahogany chaparral with some exposed bedrock.

RCA # 11-29

Plan Amendment

Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Gravel/Cobble

Buffer: 30 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-15'

Dominant Vegetation Community: Willow Riparian Scrub

% Canopy: 0

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Willow				
0 – 3"		3				
3 – 6"	3					
6 – 10"	3					
10 – 20"						
>20"						

Description: This area is dominated by willow riparian habitat with a blend of chamise chaparral/manzanita in the adjacent uplands. Plant species include chamise (*Adenostoma fasciculatum*), manzanita (*Arctostaphylos glauca*), arroyo willow (*Salix lasiolepis*), narrowleaf willow (*Salix exigua*), rushes (*Juncus* sp.), tarragon (*Artemisia dracuncululus*), monkey flower (*Mimulus cardinalis*), blackberry (*Rubus ursinus*), scrub oak (*Quercus* sp.), and poison oak (*Toxicodendron diversilobum*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Dense riparian habitat with chaparral in the uplands.



Buckwheat-lined road with steeply cut rock outcropping on the upslope.

RCA # 11-30

Plan Amendment

- Yes
 No

Map Sheet: 5

Water Body: Fall Creek

Substrate: Sand/Gravel

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-16'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Mulefat					
0 – 3"	1					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This intermittent drainage was dry at the time of the survey. The area is dominated by chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), bunchgrass (*Nasella* sp.), tarragon (*Artemisia dracunculus*), mountain mahogany (*Cercocarpus betuloides*), and white sage (*Salvia apiana*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Chaparral with exposed areas along road and in the uplands.



Road cut with steep upslope.

RCA # 11-31

Plan Amendment

- Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Gravel/Cobble

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak	Mulefat				
0 – 3"		1				
3 – 6"	4					
6 – 10"						
10 – 20"	2					
>20"						

Description: This area is dominated by chamise (*Adenostoma fasciculatum*) with canyon live oak (*Quercus chrysolepis*), scrub oak (*Quercus* sp.), buckwheat (*Eriogonum fasciculatum*), mountain mahogany (*Cercocarpus betuloides*), mulefat (*Baccharis salicifolia*), and manzanita (*Arctostaphylos glauca*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



Chamise chaparral upland with exposed areas adjacent the road.



Exposed turn-out area.

RCA # 11-32

Plan Amendment

- Yes
- No

Map Sheet: 5

Water Body: Unnamed tributary to Fall Creek

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: N/A

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: CMP

Road Width Range: 12'-24'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"						
3 – 6"	6					
6 – 10"						
10 – 20"						
>20"						

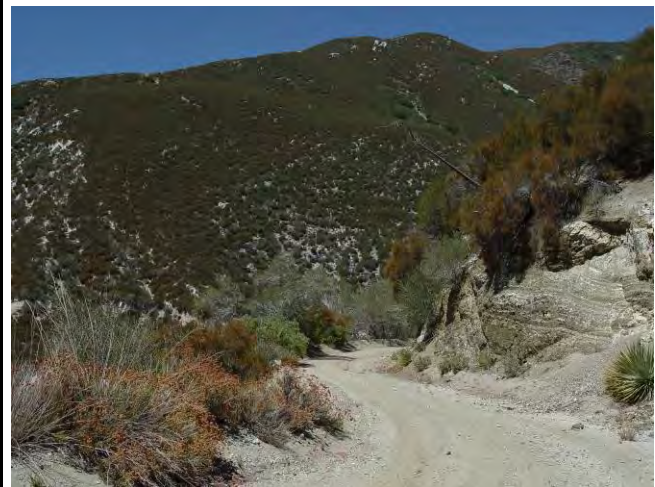
Description: There is a corrugated metal pipe that runs across the road at the crossing which allows water-flow under the road. Plant species present include scrub oak (*Quercus* sp.), chamise (*Adenostoma fasciculatum*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), mountain mahogany (*Cercocarpus betuloides*), white sage (*Salvia apiana*), and manzanita (*Arctostaphylos glauca*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Chamise chaparral habitat abuts road.



Chamise chaparral with some exposed areas.

RCA # 11-33

Plan Amendment

- Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to Fall Creek

Buffer: 30 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: N/A

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: CMP

Road Width Range: 12'-20'

Dominant Vegetation Community: Mulefat Scrub

% Canopy: 0

% Invasive: 15

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak	Interior Live Oak				
0 – 3"	2	30				
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is dominated by mulefat riparian scrub in the drainage with chamise chaparral in the adjacent uplands. Plant species include mulefat (*Baccharis salicifolia*), thicketleaf yerba santa (*Eriodictyon crassifolium*), rabbit brush (*Chrysothamnus* sp.), buckwheat (*Eriodictyon crassifolium*), chaparral yucca (*Yucca whipplei*), mountain mahogany (*Cercocarpus betuloides*), chamise (*Adenostoma fasciculatum*), and non-native grasses (*Bromus* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



Mulefat scrub vegetation behind ORV.



Chaparral just outside of the riparian area.

RCA # 11-34

Plan Amendment

Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Scrub Oak/Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"	12					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This dry ephemeral drainage is dominated by scrub oak (*Quercus* sp.) and chamise (*Adenostoma fasciculatum*) chaparral. Other plant species present include thicketleaf yerba santa (*Eriodictyon crassifolium*), buckwheat (*Eriogonum fasciculatum*), and chaparral yucca (*Yucca whipplei*).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Scrub oak/chamise chaparral upland and adjacent the road.



Open exposed areas along the roadside.

RCA # 11-35

Plan Amendment

- Yes
 No

Map Sheet: 5

Water Body: Unnamed tributary to Fall Creek

Substrate: N/A

Buffer: Edge

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: CMP

Road Width Range: 10'-16'

Dominant Vegetation Community: Scrub Oak Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak	Mulefat	Willow			
0 – 3"	6	20	3			
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This ephemeral drainage is dominated by mulefat scrub along road with scrub oak chaparral at crossing. There is chamise with scrub oak in adjacent uplands. Plant species include chamise (*Adenostoma fasciculatum*), mulefat (*Baccharis salicifolia*), scrub oak (*Quercus* sp.), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), thicket yerba santa (*Eriodictyon crassifolium*) and penstemon (*Penstemon* sp.).

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



Dense and mature scrub oak chaparral.



Dense scrub oak vegetation along roadsides.

RCA # 11-36

Plan Amendment

- Yes
- No

Map Sheet: 6

Water Body: Unnamed tributary to Fall Creek

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 11'-13'

Dominant Vegetation Community: Scrub oak/chamise chaparral

% Canopy: 0

% Invasive: 10

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak	Canyon Live Oak				
0 – 3"	3	7				
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This ephemeral drainage is dominated by scrub oak (*Quercus* sp.) and chamise (*Adenostoma fasciculatum*). There is chamise chaparral surrounding. Other plant species include chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), and white sagebrush (*Artemisia ludoviciana*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Scrub oak/chamise chaparral abuts road.



Steep upslope with exposed areas.

RCA # 11-37

Plan Amendment

- Yes
- No

Map Sheet: 6

Water Body: Unnamed tributary to Fall Creek

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 12'-14'

Dominant Vegetation Community: Mixed Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Oak					
0 – 3"	3					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: The vegetation at this crossing is sparse. Plants present include chamise (*Adenostoma fasciculatum*), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), mountain mahogany (*Cercocarpus betuloides*), interior live oak (*Quercus wislizeni*), scarlet monkeyflower (*Mimulus cardinalis*), and penstemon (*Penstemon* sp.)

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Exposed areas of clay and bedrock with chaparral surrounding.



Chaparral abuts road on left. Road cut has steep slope on right.

RCA # 11-38

Plan Amendment

- Yes
 No

Map Sheet: 6

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Bedrock

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 8'-12'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This short watershed is rocky and narrow with boulder and bedrock along the roadside. Chamise (*Adenostoma fasciculatum*) is dominant with other plants including bush poppy (*Dendromecon rigida*), threadleaf ragwort (*Senecio flaccidus*), black sagebrush (*Artemisia nova*), chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), thickleaf yerba santa (*Eriodictyon crassifolium*) and deergrass (*Muhlenbergia rigens*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Steep bedrock wall on the upslope.



Note scour line and ruts from flow events.

RCA # 11-39

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 12'-16'

Dominant Vegetation Community: Scrub Oak and Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"	1					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a narrow, rocky drainage with scrub oak chaparral upstream and chamise chaparral downstream. Plant species include buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), thicketleaf yerba santa (*Eriodictyon crassifolium*), black sage (*Salvia mellifera*), chamise (*Adenostoma fasciculatum*), and scrub oak (*Quercus* sp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Scrub oak/chamise chaparral habitat abuts road.



Buckwheat dominates road edge.

RCA # 11-40

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Chamise and Scrub Oak Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"	4					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This dry ephemeral drainage is dominated by chamise (*Adenostoma fasciculatum*) chaparral and scrub oak (*Quercus* sp.). Other plant species present include buckwheat (*Eriogonum fasciculatum*), thicket yerba santa (*Eriodictyon crassifolium*), chaparral yucca (*Yucca whipplii*), and oat grass (*Danthonia californica*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Steep upslope with chaparral. Transmission lines in the background.



Faint scour line of drainage crossing road.

RCA # 11-41

Plan Amendment

- Yes
 No

Map Sheet: 6

Water Body: Unnamed tributary to Fall Creek

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 12'-16'

Dominant Vegetation Community: Chamise and Scrub Oak Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"	2					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This dry ephemeral drainage is dominated by chamise (*Adenostoma fasciculatum*) chaparral and scrub oak (*Quercus* sp.). Other plant species present include black sagebrush (*Artemisia nova*), thicketleaf yerba santa (*Eriodictyon crassifolium*), buckwheat (*Eriogonum fasciculatum*), and manzanita (*Arctostaphylos glauca*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Note wide road width at this location.



Chaparral with exposed areas along roadside.

RCA # 11-42

Plan Amendment

- Yes
 No

Map Sheet: 6

Water Body: Unnamed ephemeral tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Bedrock

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 9'-12'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This dry ephemeral drainage is dominated by chamise (*Adenostoma fasciculatum*) chaparral and yucca (*Yucca whipplei*). There are also some non-native grasses (*Bromus* sp.), California brickellbush (*Brickellia californica*), and buckwheat (*Eriogonum fasciculatum*) present.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison/Fall Creek Road (3N27). Drainage crosses road at this location.



View up ephemeral drainage with yucca and chamise. No riparian vegetation present.

RCA # 11-43

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Unnamed ephemeral tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel/Cobble

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 11'-12'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 0

% Invasive: 5

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This area is dominated by chamise chaparral. Other plant species present include buckwheat (*Eriogonum fasciculatum*), thicketleaf yerba santa (*Eriodictyon crassifolium*), black sagebrush (*Artemisia nova*), manzanita (*Arctostaphylos glauca*), threadleaf ragwort (*Senecio flaccidus*), chamise (*Adenostoma fasciculatum*), and non-native grasses (*Bromus* spp.).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Dense chamise chaparral in upland and along roadsides.



Steep, short road cut on upslope with chamise chaparral above.

RCA # 11-44

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Fall Creek

Buffer: 100 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Silt/Sand/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range:

Dominant Vegetation Community: Alder/Maple Woodland

% Canopy: 50

% Invasive: 20

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This perennial creek is dominated by mature riparian vegetation including alder (*Alnus rhombifolia*), maple (*Acer macrophyllum*), and oaks (*Quercus* sp.), with non-native grasses (*Bromus* sp.) along the roadside.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



View along Edison/Fall Creek Road (3N27). Road is narrow with non-native grasses and mature trees along edges.



View towards downstream portion of Fall Creek. Note mature alders in drainage.

RCA # 11-45

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Fall Creek

Substrate: Mud/Silt/Sand

Buffer: 100 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range:

Dominant Vegetation Community: Oak Riparian Woodland/Herbaceous Wetland

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This perennial creek is dominated by oak woodland with buckwheat (*Eriogonum fasciculatum*) and chaparral yucca (*Yucca whipplei*) in the upland habitat.

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



View along Edison/Fall Creek Road (3N27) approaching Crossing 11-45. Yucca, buckwheat, and oaks line the road.



View along Edison/Fall Creek Road (3N27). Note dense riparian vegetation bordering road and seep area at center of photo.

RCA # 11-46

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Unnamed ephemeral tributary to Fall Creek

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Substrate: Sand/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range:

Dominant Vegetation Community: Mixed Chaparral/Oak Woodland

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry ephemeral drainage. The upland habitat is dominated by buckwheat (*Eriogonum fasciculatum*) and chaparral yucca (*Yucca whipplei*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison/Fall Creek Road (3N27). Note scour line and McCarthy drain.



View down drainage. Note McCarthy drain in foreground and dense riparian vegetation in drainage.

RCA # 11-47

Plan Amendment

Yes
 No

Map Sheet: 6

Water Body: Unnamed ephemeral tributary to Fall Creek

Substrate: Sand/Gravel

Buffer: 0 m

Stream Type:

Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range: 10'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy:

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This is a dry ephemeral drainage. Plant species present include chaparral yucca (*Yucca whipplei*), buckwheat (*Eriogonum fasciculatum*), non-native grasses (*Bromus* sp.), chamise (*Adenostoma fasciculatum*), California brickellbush (*Brickellia californica*), and manzanita (*Arctostaphylos glauca*).

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



View along Edison/Fall Creek Road (3N27). Note exposed rock surface with scattered mixed chaparral.



View down ephemeral drainage. Dense understory of dry vegetation and debris.

RCA # 11-48

Plan Amendment

- Yes
- No

Map Sheet: 6

Water Body: Unnamed ephemeral tributary to Big Tujunga Creek

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Gravel

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range:

Dominant Vegetation Community:

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.

No Photo Available

No Photo Available

RCA # 11-49

Plan Amendment

- Yes
- No

Map Sheet: 6

Water Body: Big Tujunga Creek

Buffer: 100 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand/Cobble/Boulders

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Washout

Road Width Range:

Dominant Vegetation Community:

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation and mature trees.



RCA # 11-50

Plan Amendment

- Yes
- No

Map Sheet: 6

Water Body: Unnamed tributary to Big Tujunga Creek

Buffer: 30 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: CMP

Road Width Range:

Dominant Vegetation Community:

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



RCA # 11-51

Plan Amendment

- Yes
 No

Map Sheet: 6

Water Body: Unnamed tributary to Big Tujunga Creek

Substrate: Sand/Gravel/Cobble

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 3N27 (Edison/Fall Creek)

Crossing Type: Arizona

Road Width Range:

Dominant Vegetation Community:

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations: Arroyo toad

Plan Amendment Rationale: Would require the removal and/or trimming of mature trees.



Note dense canopy along road.



Dense vegetation within drainage.

RCA # 11-52

Plan Amendment

- Yes
- No

Map Sheet: 7

Water Body: Unnamed ephemeral drainage

Substrate: Sand

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range: 3'-12'

Dominant Vegetation Community: Mixed Chaparral

% Canopy:

% Invasive: 50

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 - 3"						
3 - 6"						
6 - 10"						
10 - 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.

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RCA # 11-53

Plan Amendment

- Yes
 No

Map Sheet: 7

Water Body: Unnamed ephemeral drainage

Substrate: Sand

Buffer: 0 m

Stream Type:

- Perennial
 Intermittent
 Ephemeral

Road #: 2N79.1 (Grizzly Flat)

Crossing Type: CMP

Road Width Range: 10'-16'

Dominant Vegetation Community: Chamise Chaparral

% Canopy: 25

% Invasive: 25

Type: Annual grasses/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This short watershed contains a narrow, rocky bedrock gorge with chamise (*Adenostoma fasciculatum*) adjacent. There is a broad disturbed area along the road dominated by deerweed (*Lotus scoparius*), thistleleaf yerba santa (*Eriodictyon crassifolium*), mustard (*Brassica* sp.), buckwheat (*Eriogonum fasciculatum*), chaparral yucca (*Yucca whipplei*), wild oat (*Avena fatua*), and chamise, with manzanita (*Arctostaphylos glauca*) and scrub oak (*Quercus* sp.) below.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Decomposing asphalt with chamise chaparral encroaching.



Drainage with steep, exposed rock wall and dense vegetation.

RCA # 11-54

Plan Amendment

- Yes
- No

Map Sheet: 7

Water Body: Unnamed ephemeral drainage

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate: Sand

Road #: 2N79.1 (Grizzly Flat)

Crossing Type: CMP

Road Width Range: 10'-14'

Dominant Vegetation Community: Scrub Oak/Chamise Chaparral

% Canopy: 25

% Invasive: 25

Type: Annual grasses

Trees in RCA Buffer within 5' of Existing Road:

DBH	Scrub Oak					
0 – 3"	7					
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description: This short, high watershed has a broad drainage dominated by hollyleaf cherry (*Prunus ilicifolia*), scrub oak (*Quercus* sp.), and chamise (*Adenostoma fasciculatum*) with patches of California sagebrush (*Artemisia californica*), buckwheat (*Eriogonum fasciculatum*), deerweed (*Lotus scoparius*), thicketleaf yerba santa (*Eriodictyon crassifolium*), and mulefat (*Baccharis salicifolia*). Downstream there is also Southern honeysuckle (*Lonicera subspicata*), manzanita (*Arctostaphylos glauca*), chamise, and scrub oak on the hills. A large mountain lion print was observed.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.



Road is open with broad alluvium adjacent in this location.



Scrub oak/chamise chaparral adjacent and in the uplands.

RCA # 11-55

Plan Amendment

 Yes
 No

Map Sheet: 8

Water Body: Unnamed tributary to Arroyo Seco

Buffer: 30 m

Stream Type:

 Perennial
 Intermittent
 Ephemeral

Substrate: N/A

Road #: 2N76.3 (Mount Lukens)

Crossing Type: Arizona

Road Width Range: 11'-14'

Dominant Vegetation Community: Scrub Oak Chaparral/Disturbed

% Canopy: 25-75

% Invasive: 50

Type: Annual
grasses/broom/mustard

Trees in RCA Buffer within 5' of Existing Road:

DBH	Mulefat	Elderberry	Scrub Oak			
0 - 3"	3		3			
3 - 6"		2				
6 - 10"						
10 - 20"						
>20"						

Description: This area is west of the fire station. There is an access road that runs parallel to the RCA. There is a lot of scale broom (*Lepidospartum* sp.) on the road margins and the USFS and fire department are clearing brush in many areas. The crossing is a broad concrete and rock spillway. Upstream there is scrub oak (*Quercus* sp.) chaparral with poison oak (*Toxicodendron diversilobum*), sumac (*Rhus trilobata*), elderberry (*Sambucus mexicana*), and some mulefat (*Baccharis salicifolia*). Downstream there is a large disturbed patch of habitat on the bank dominated by mustard (*Brassica* sp.), bush poppie (*Dendromecon rigida*), tree tobacco (*Nicotiana glauca*) and scale broom. There is a thick stand of elderberry on the south bank with some toyon (*Heteromeles arbutifolia*) and poison oak.

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would require the removal and/or trimming of riparian vegetation.



Steep upslope with dense riparian vegetation along road in uplands.



Note concrete barrier across drainage and dense riparian vegetation.

RCA # 11-56

Plan Amendment

- Yes
- No

Map Sheet: 9

Water Body: Unnamed ephemeral tributary to Arroyo Seco

Buffer: 0 m

Stream Type:

- Perennial
- Intermittent
- Ephemeral

Substrate:

Road #: Unnamed non-Forest System road

Crossing Type: Arizona

Road Width Range:

Dominant Vegetation Community: Scrub Oak Chaparral

% Canopy:

% Invasive:

Type:

Trees in RCA Buffer within 5' of Existing Road:

DBH						
0 – 3"						
3 – 6"						
6 – 10"						
10 – 20"						
>20"						

Description:

Riparian Dependent Sensitive Species & Special Considerations:

Plan Amendment Rationale: Would not require the removal and/or trimming of riparian vegetation or mature trees.

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