Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL

Watershed Area: 19.4 sq mi
Reach Number: 3B
Estimated Bankfull Flow: 160 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: G3
Reference Stream Type: B3
Pool to Pool Spacing: 1-6 bkf W

Legend

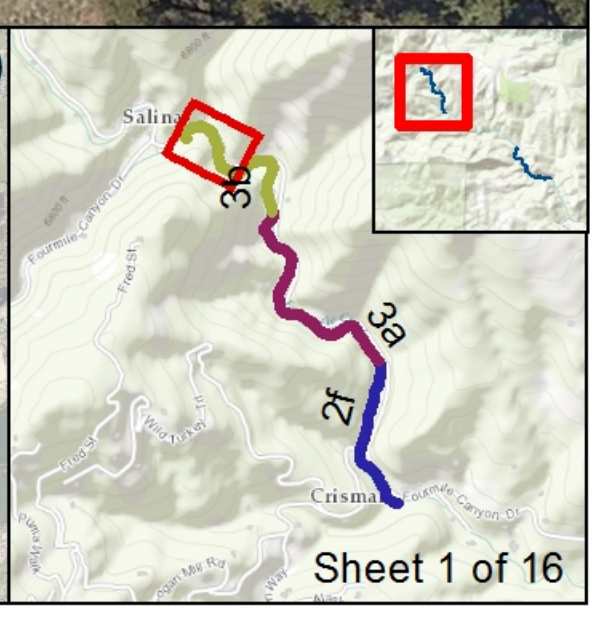
Roadway Contours

- Roadway Contours
- Pools
- Sediment Removals
- Channel Debris Removals
- Large Woody Debris
- Boulder Banks
- Bankfull
- Building Footprints

0 50 100 150 200 Feet

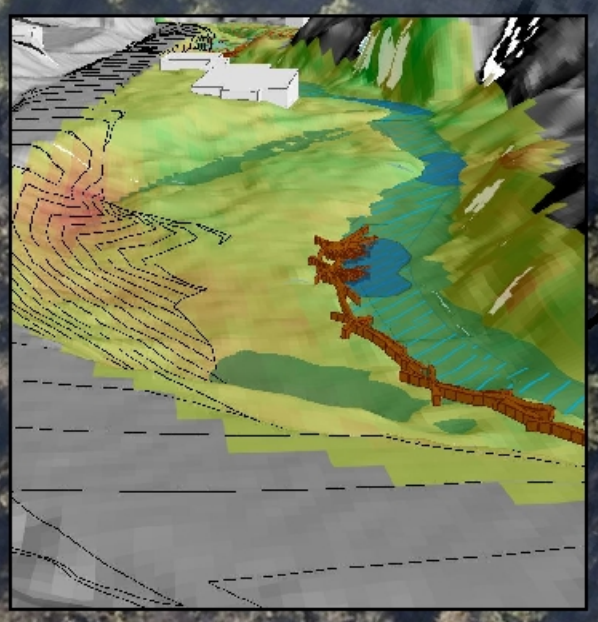
2013 Erosion / Deposition (ft)

-9 - -7.8	-0.62 - 0.56
-7.7 - -6.6	0.57 - 1.8
-6.5 - -5.4	1.9 - 2.9
-5.3 - -4.2	3 - 4.1
-4.1 - -3	4.2 - 5.3
-2.9 - -1.8	5.4 - 6.5
-1.7 - -0.63	6.6 - 7.7
	7.8 - 8.9



Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL



Watershed Area: 19.4 sq mi
Reach Number: 3B
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Estimated W/D Ratio: 18-21
Post Flood Stream Type: G3
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-1.7 - -0.63	6.6 - 7.7
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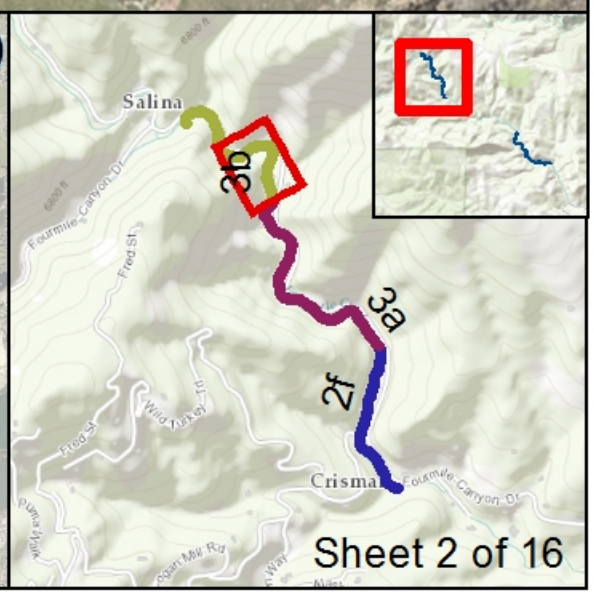
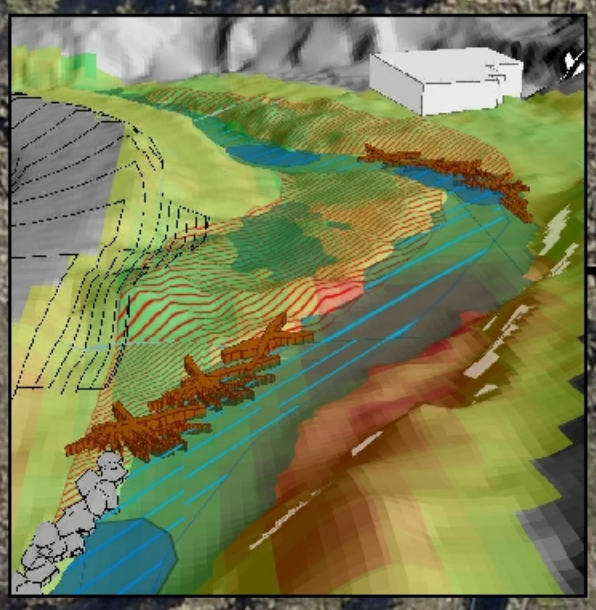


Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL



Watershed Area: 19.4 sq mi
Reach Number: 3A
Estimated Bankfull Flow: 160 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: G3
Reference Stream Type: B3
Pool to Pool Spacing: 1-6 bkf W

Legend

Roadway Contours

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- Large Woody Debris
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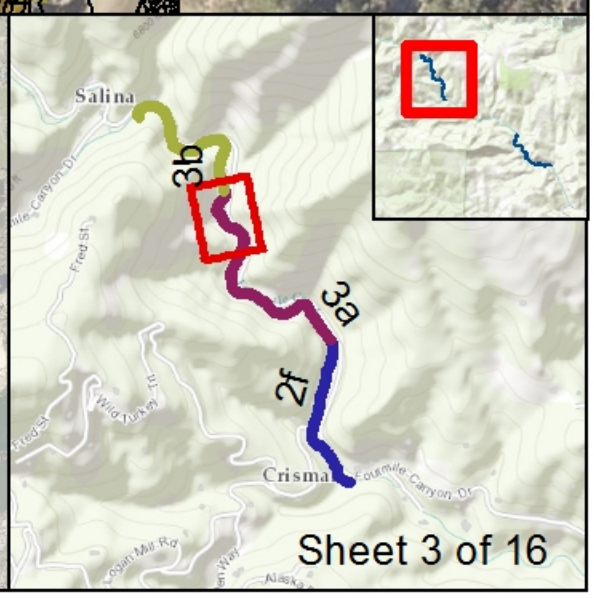
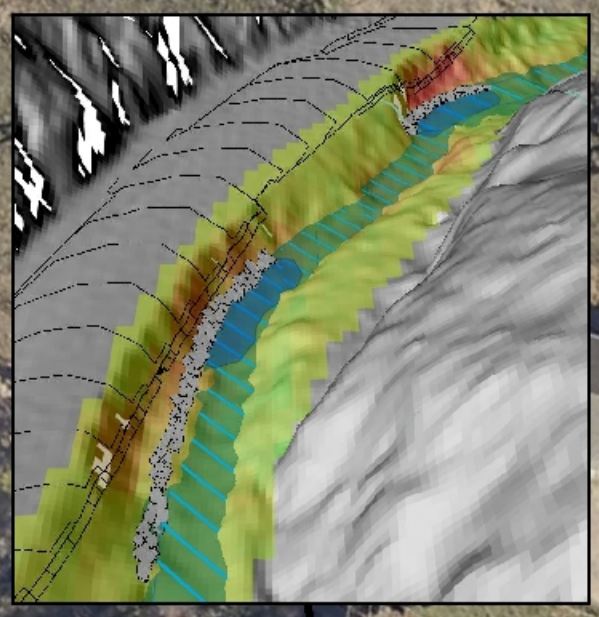


Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL



Watershed Area: 19.4 sq mi
Reach Number: 3A
Estimated Bankfull Flow: 160 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: G3
Reference Stream Type: B3
Pool to Pool Spacing: 1-6 bkf W

Legend

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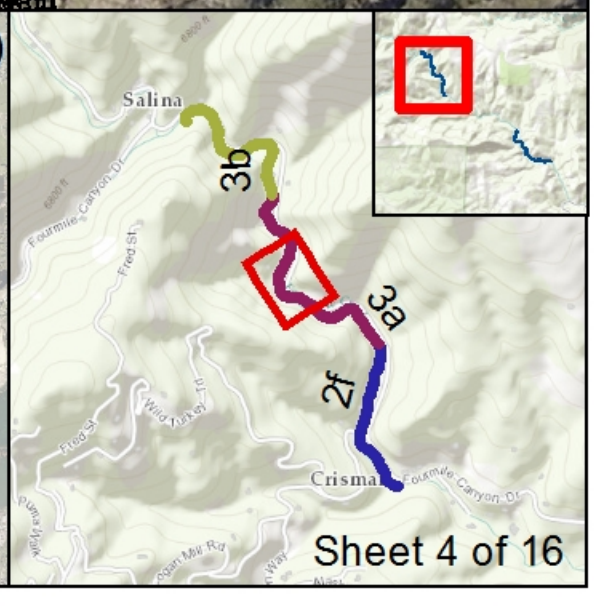

Lower Fourmile 15% Concept Design

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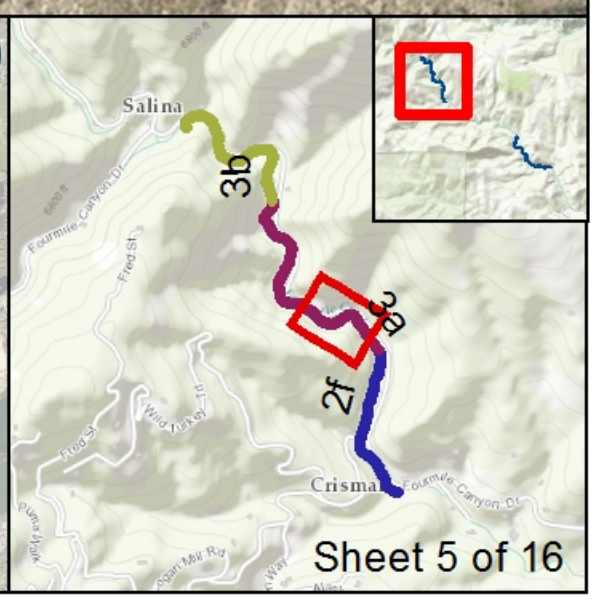
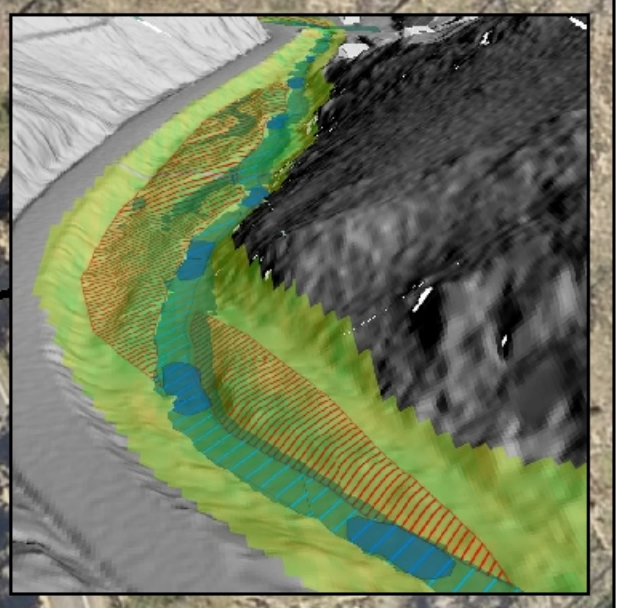


Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL



Watershed Area: 19.4 sq mi
Reach Number: 2F
Estimated Bankfull Flow: 160 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: F3b
Reference Stream Type: C3b
Pool to Pool Spacing: 1-6 bkf W

Legend

Roadway Contours

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- Pools
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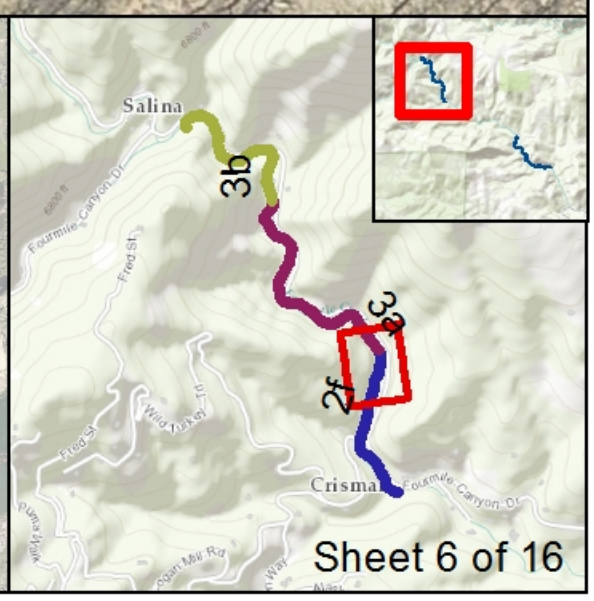

Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL

Watershed Area: 19.4 sq mi
Reach Number: 2F
Estimated Bankfull Flow: 160 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: F3b
Reference Stream Type: C3b
Pool to Pool Spacing: 1-6 bkf W

Legend

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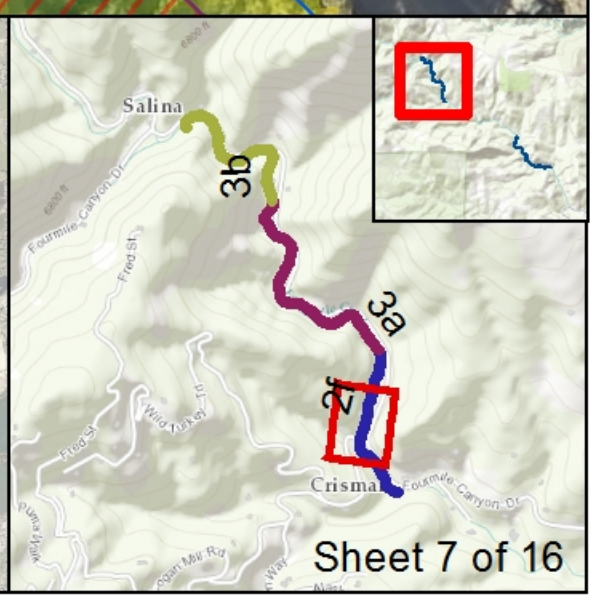

Lower Fourmile 15% Concept Design

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Watershed Area: 19.4 sq mi
Reach Number: 2F
Estimated Bankfull Flow: 160 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: F3b
Reference Stream Type: C3b
Pool to Pool Spacing: 1-6 bkf W

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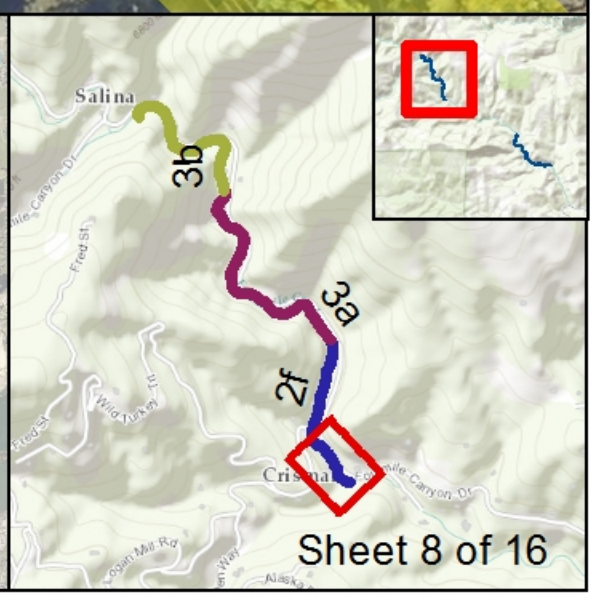

Lower Fourmile 15% Concept Design

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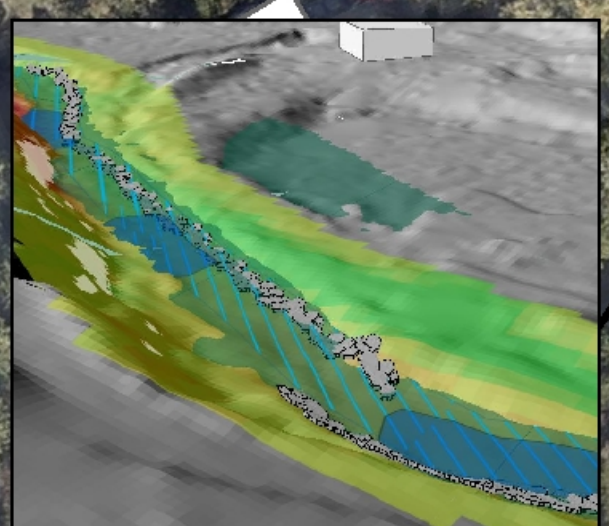

Watershed Area: 23.5 sq mi
Reach Number: 1F
Estimated Bankfull Flow: 170 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: C3
Reference Stream Type: C3
Pool to Pool Spacing: 1-6 bkf W

Legend

Roadway Contours

- Roadway Contours
- Pools
- Sediment Removals
- Channel Debris Removals
- Large Woody Debris
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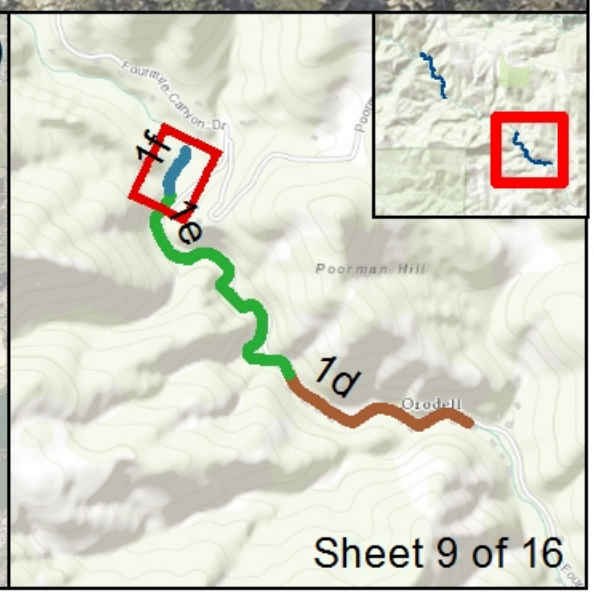

Lower Fourmile 15% Concept Design

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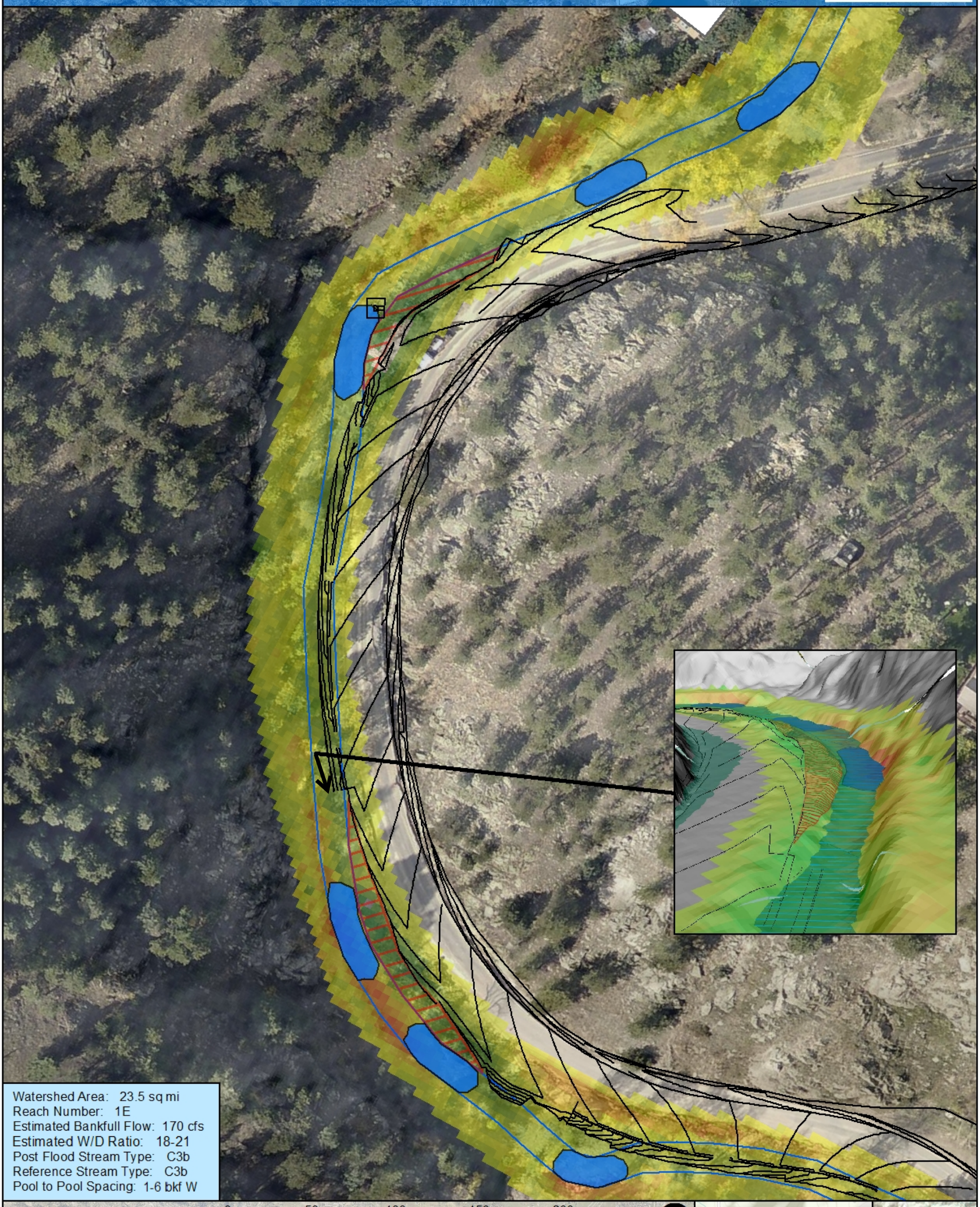

Watershed Area: 23.5 sq mi
Reach Number: 1E
Estimated Bankfull Flow: 170 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: C3b
Reference Stream Type: C3b
Pool to Pool Spacing: 1-6 bkf W

Legend

Roadway Contours

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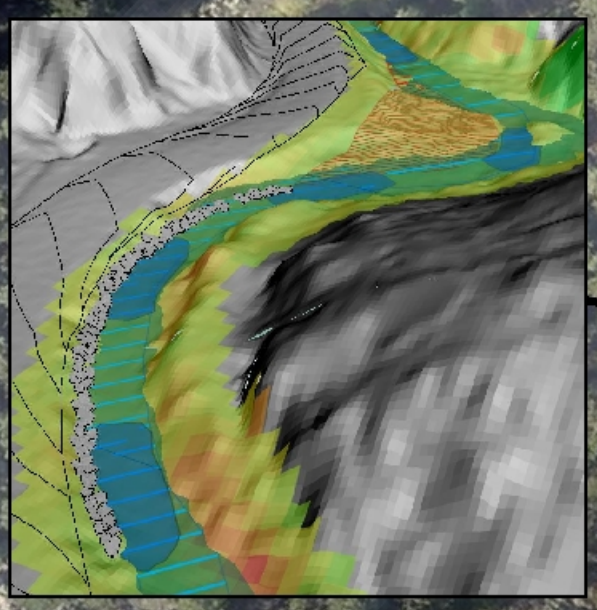
Lower Fourmile 15% Concept Design

Michael Baker INTERNATIONAL



Watershed Area: 23.5 sq mi
Reach Number: 1E
Estimated Bankfull Flow: 170 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: C3b
Reference Stream Type: C3b
Pool to Pool Spacing: 1-6 bkf W

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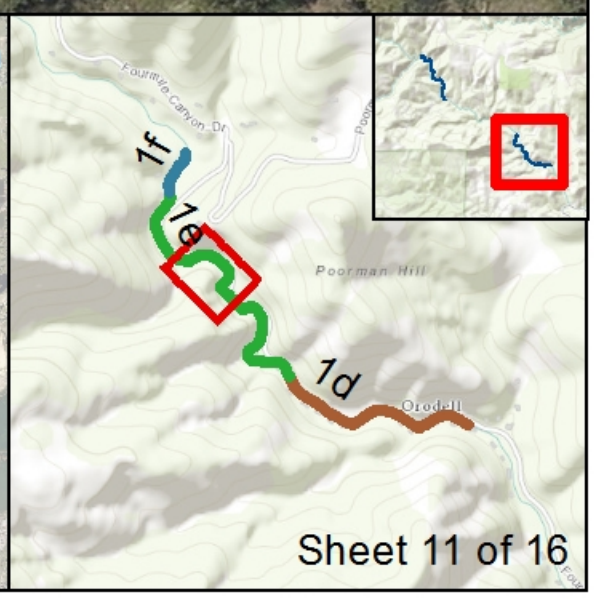

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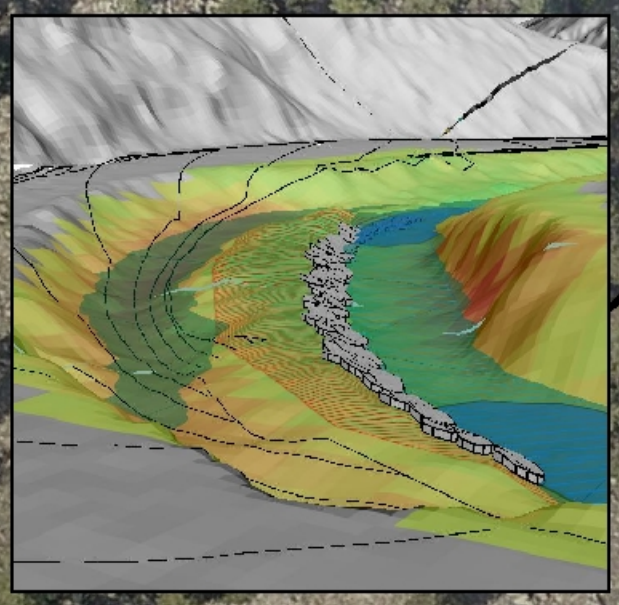

Watershed Area: 23.5 sq mi
Reach Number: 1E
Estimated Bankfull Flow: 170 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: C3b
Reference Stream Type: C3b
Pool to Pool Spacing: 1-6 bkf W

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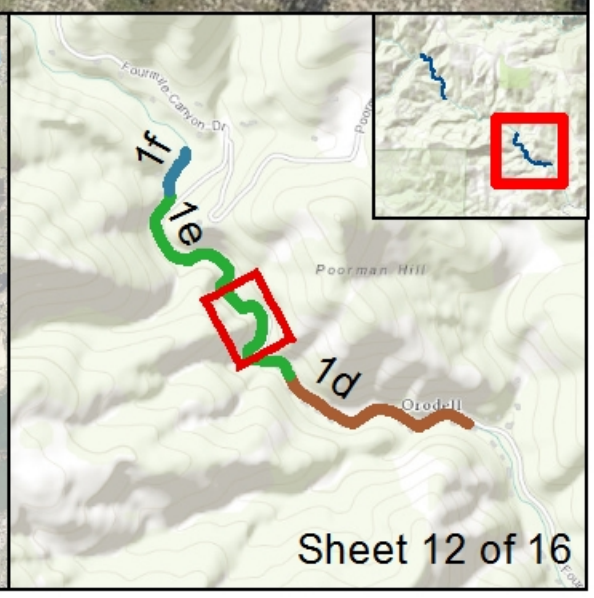

Lower Fourmile 15% Concept Design

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Watershed Area: 23.5 sq mi
Reach Number: 1E
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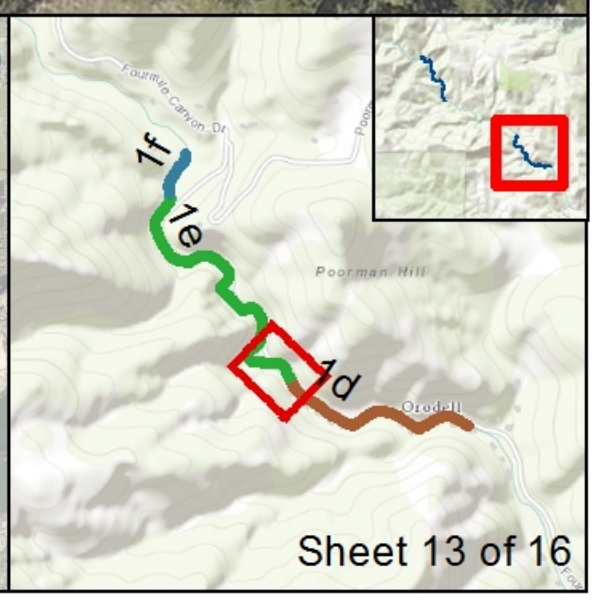

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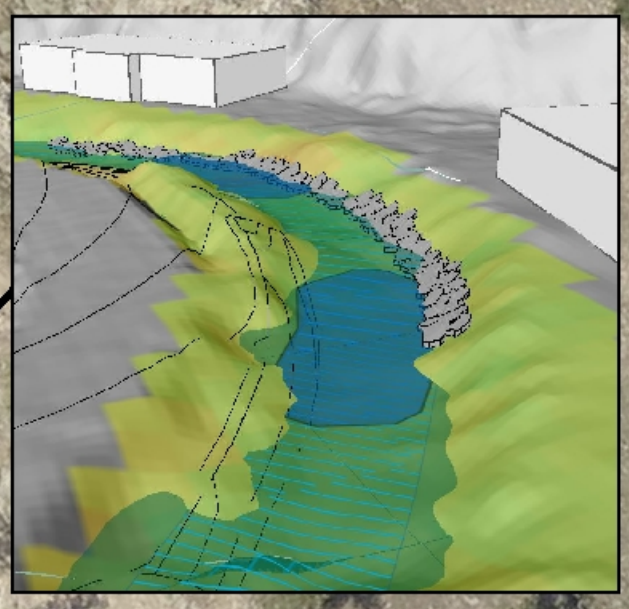

Watershed Area: 23.5 sq mi
Reach Number: 1D
Estimated Bankfull Flow: 170 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: C3b
Reference Stream Type: F3b
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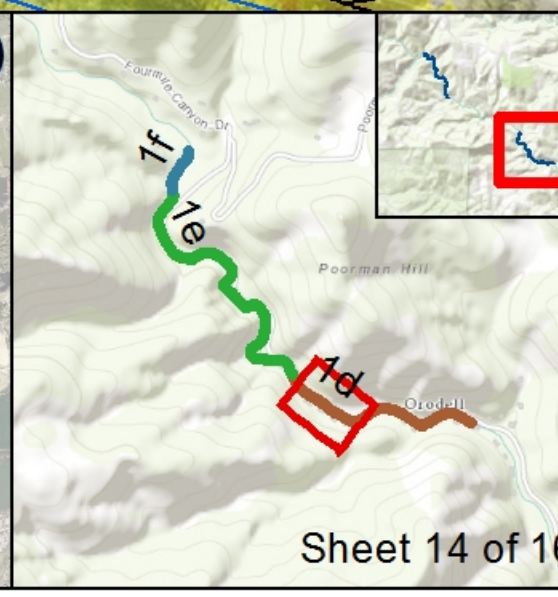

Lower Fourmile 15% Concept Design

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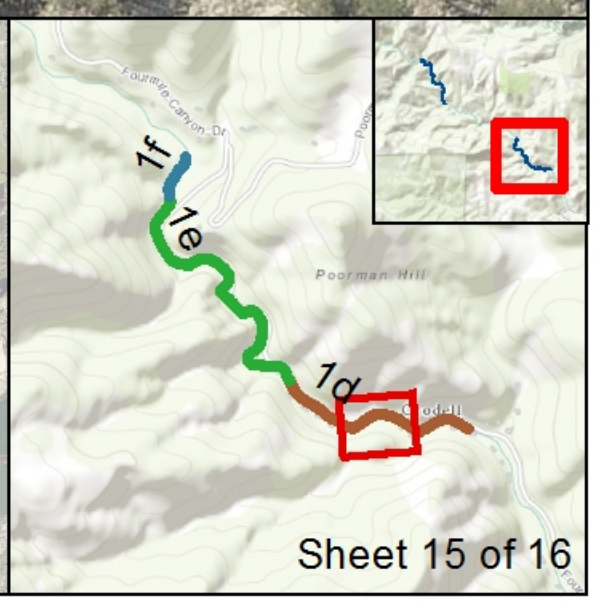

Lower Fourmile 15% Concept Design

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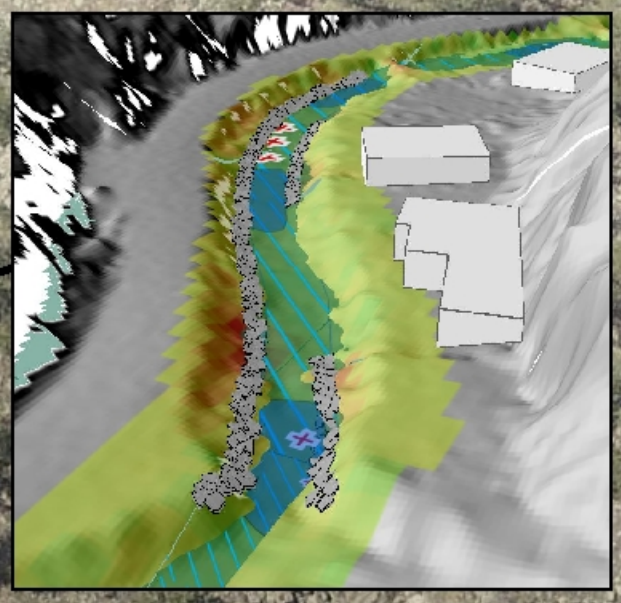

Watershed Area: 23.5 sq mi
Reach Number: 1D
Estimated Bankfull Flow: 170 cfs
Estimated W/D Ratio: 18-21
Post Flood Stream Type: C3b
Reference Stream Type: F3b
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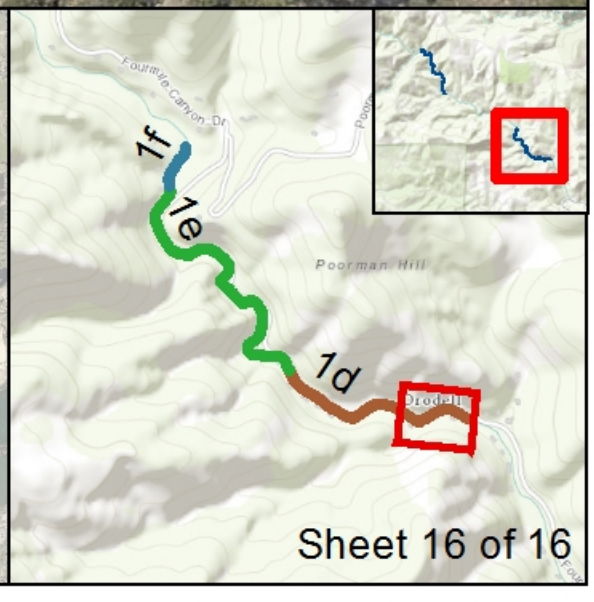
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-6.5 - -5.4	1.9 - 2.9
-5.3 - -4.2	3 - 4.1
-4.1 - -3	4.2 - 5.3
-2.9 - -1.8	5.4 - 6.5
-1.7 - -0.63	6.6 - 7.7
	7.8 - 8.9