

Google earth

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feet 4000

km 1

Sheet 1 of 8

File Name
Drawing Name

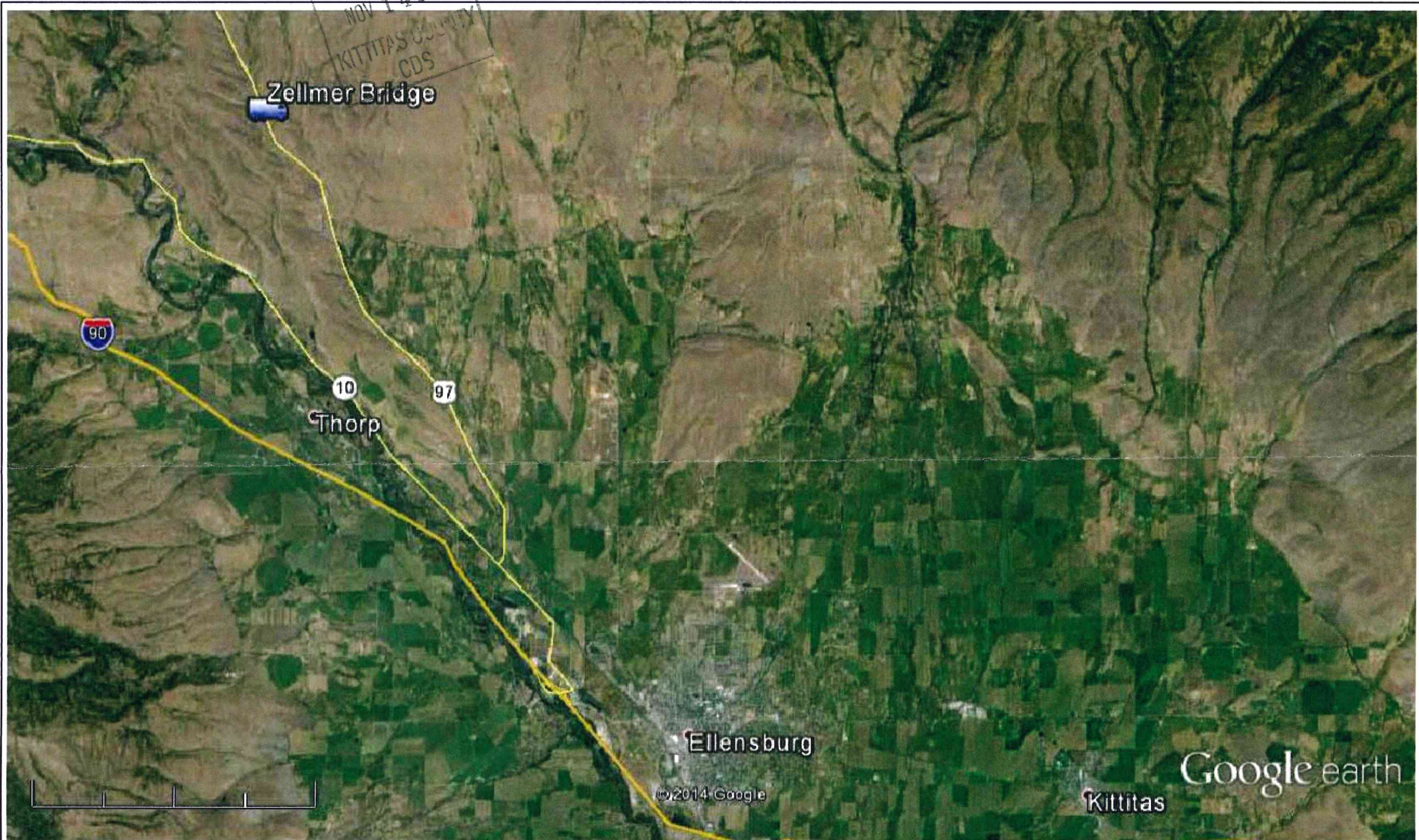
RTR Engineering LLC
2297 Wilson Creek Rd.
Ellensburg WA98926

Dry Creek Bridge
Dean Zellmer
16801 Highway 97
Location/Vicinity Maps

		Date
Designed	RTR	11/14
Drawn	RTR	11/14
Checked		
Approved		

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CDS

Vicinity Map



Google earth



Location Map

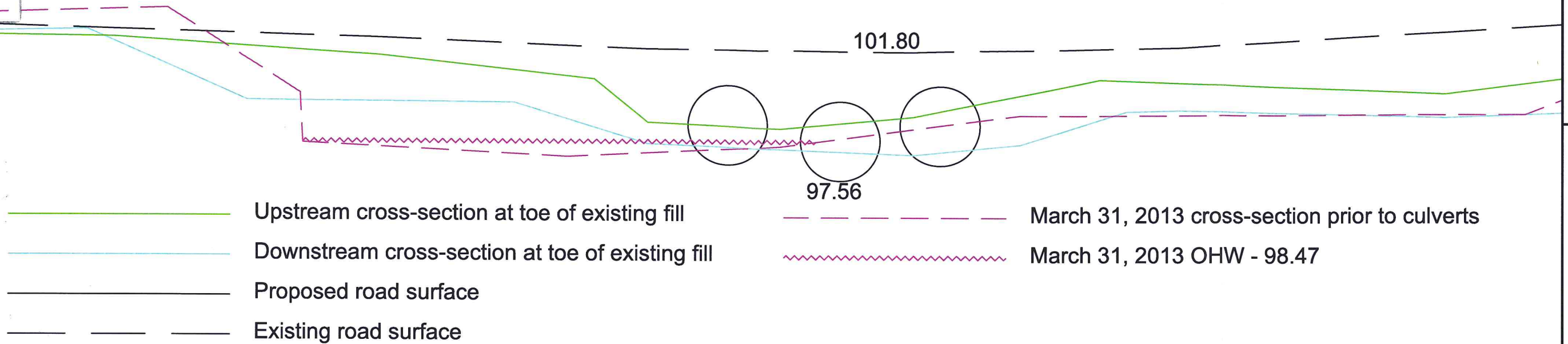
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Existing Culvert Cross-Section

Date	11/14
Designed	RTR
Drawn	RTR
Checked	
Approved	

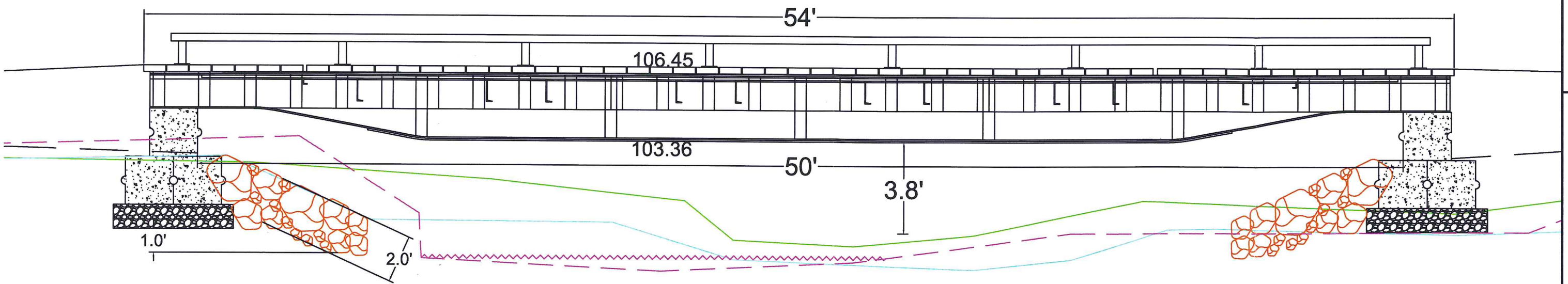


Proposed Bridge Cross-Section

Dry Creek Bridge
Dean Zellmer
16801 Highway 97
Proposed Bridge

RTR Engineering LLC
2297 Wilson Creek Rd.
Ellensburg WA98926

File Name	
Drawing Name	

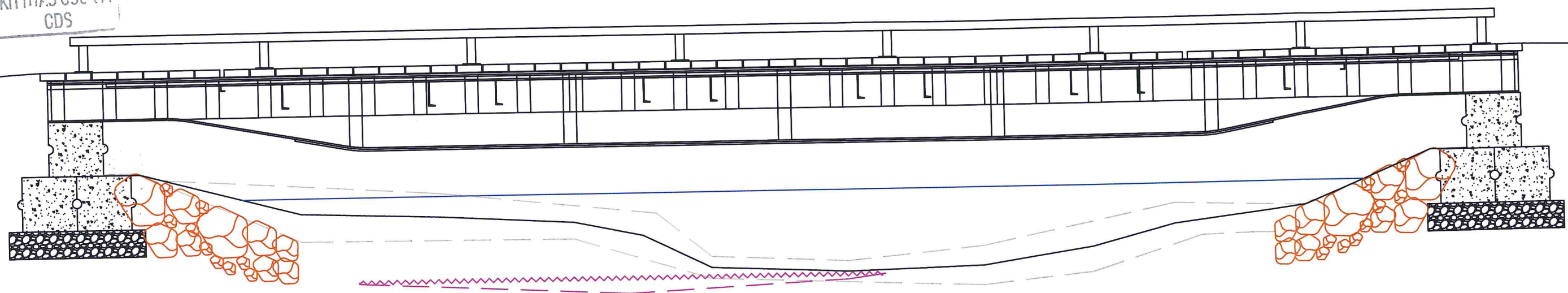


Slope bridge approaches to create approximately 5% grade.
Create smooth transition to existing road surface.



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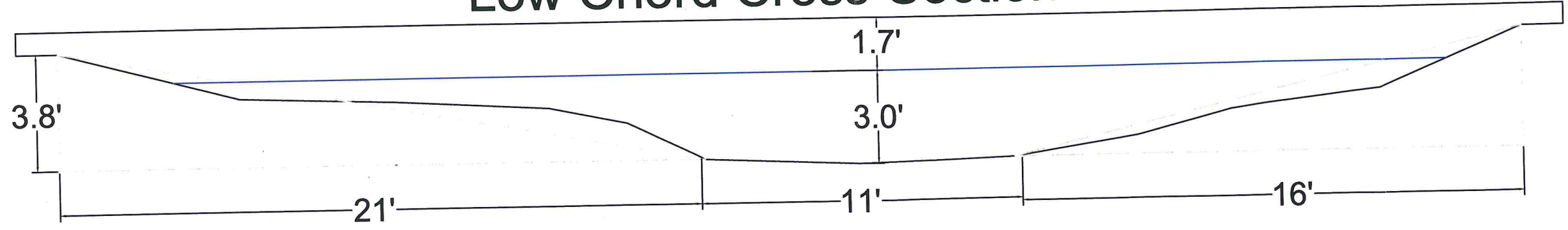
Proposed Bridge Cross-Section



- Upstream/downstream creek cross-section at toe of culvert fill
- _____ Interpolated creek cross-section from upstream/downstream
- March 31, 2013 cross-section prior to culverts
- ~~~~~ March 31, 2013 OHW - 98.47
- _____ Normal Depth WSE at 600 cfs - 101.59

See Sheet 4 for normal depth model calculations. Calculations based upon existing stream slope of 2.00% and 2 times the 100 year event from Streamstats.

Low Chord Cross-Section



Date	11/14
Designed	RTR
Drawn	RTR
Checked	
Approved	

Dry Creek Bridge
 Dean Zellmer
 16801 Highway 97
 Hydraulic Design Information

RTR Engineering LLC
 2297 Wilson Creek Rd.
 Ellensburg WA98926