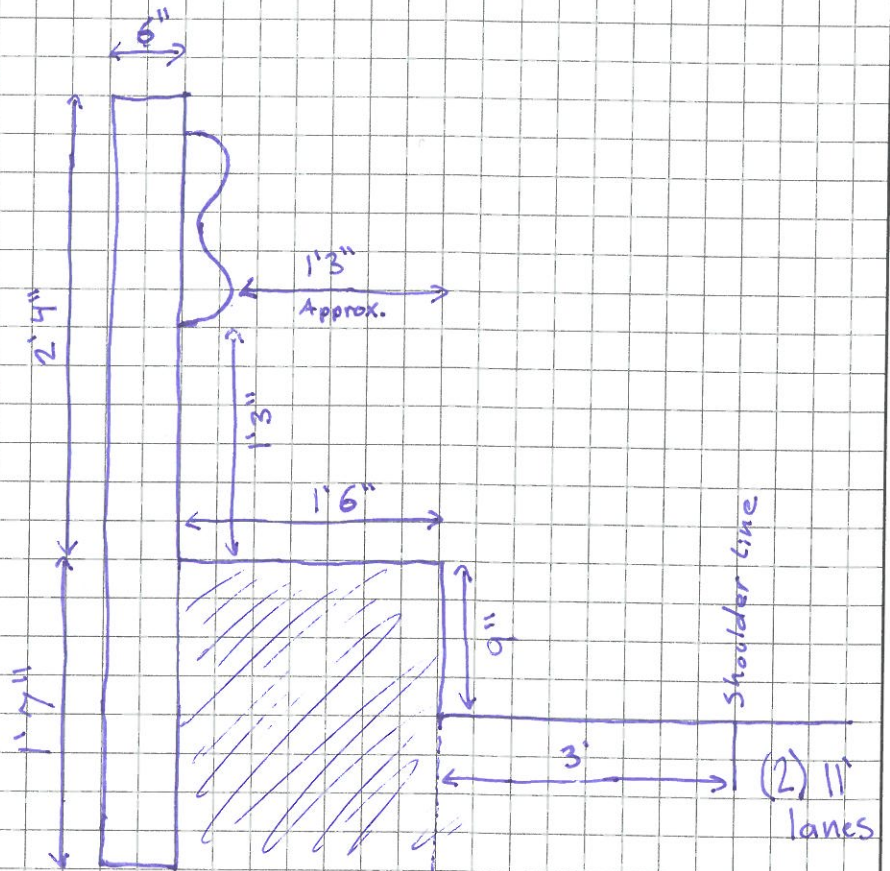


Project: SR-162; Montezuma Creek to Aneth
 Task/Phase/Area: McElmo Bridge Parapet
 Project No: PIW: 13376

Date: Sept 21, 2016
 By: RW
 Checked: _____

CALCULATIONS AND DESIGN NOTES



Approach

$$X = \frac{L_1 - L_2}{L_1 / L_2} \Rightarrow X = \frac{36 - 3}{36 / 210} \Rightarrow X = 192.5'$$

Trailing

$$X = \frac{36 - 14}{36 / 210} \Rightarrow X = 128.3'$$

- * 11' travel lanes
- * assuming parallel installation
- * assumed Clear Zone of 36' (32'-40')