

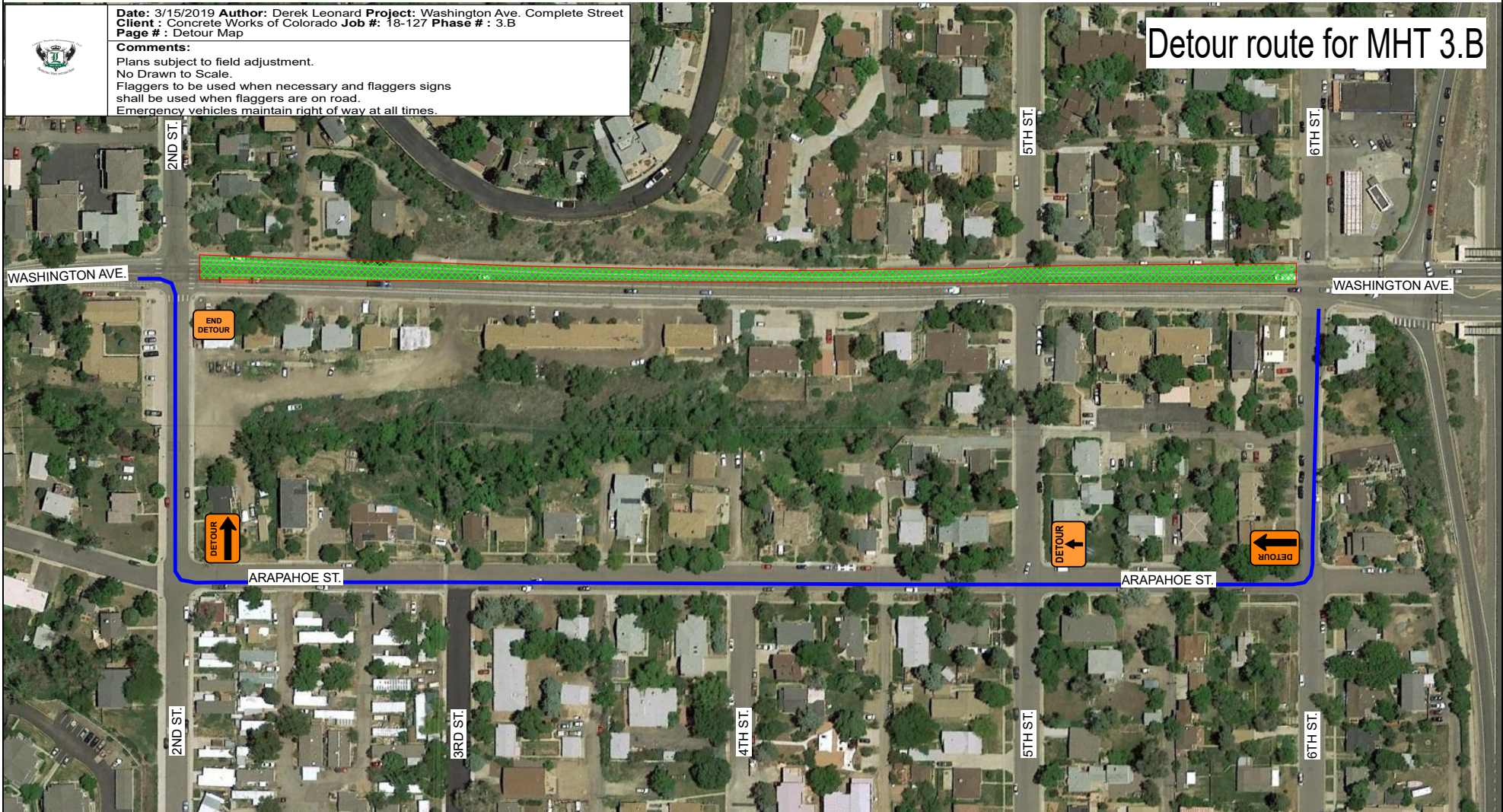


Date: 3/15/2019 Author: Derek Leonard Project: Washington Ave. Complete Street  
 Client: Concrete Works of Colorado Job #: 18-127 Phase #: 3.B  
 Page #: Detour Map

**Comments:**

Plans subject to field adjustment.  
 No Drawn to Scale.  
 Flaggers to be used when necessary and flaggers signs shall be used when flaggers are on road.  
 Emergency vehicles maintain right of way at all times.

# Detour route for MHT 3.B



**DEVICE TABULATION:**

- 2 - RIGHT DETOUR MARKERS
- 1 - STRAIGHT DETOUR MARKER
- 1 - END DETOUR

MUTCD TAPER LENGTH CRITERIA (PG557)

TYPE OF TAPER	TAPER LENGTH
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE-LANE TO-WAY TRAFFIC TAPER	50' MIN - 100' MAX
DOWNSIDE TAPER	50' MIN - 100' MAX
DOWNSTREAM TAPER	100' PER LANE

DEVICE SPACING:  
 TAPER = 45'  
 TANGENT = 90'

FORMULAS FOR DETERMINING TAPER LENGTH

SPEED (S)  
 40 MPH OR LESS L = WS<sup>2</sup> / 60  
 45 MPH OR MORE L = WS

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)	100'	100'	100'
Urban (high speed)	350'	350'	350'
Rural	500'	500'	500'
Expressway / Freeway	1,000'	1,500'	2,640'

**APPROVALS:**

City of Golden \_\_\_\_\_ DATE: \_\_\_\_\_

Concrete Works \_\_\_\_\_ DATE: \_\_\_\_\_

*Derek Leonard* \_\_\_\_\_ DATE: 3/15/19  
 Legacy Traffic Management