



T-REX Construction Traffic Control; I-25 Narrows, South Denver

Overview: Urban and rural construction traffic control plans for freeways; arterial, collector and local streets—over 1,100 plan sheets

Owner: Multiple Public Agencies

Completion: 1982—Present

Construction Traffic Control

Project Description

Construction traffic control (CTC) plans provide for the safety of the roadside work force and the traveling public. Positive CTC maximizes capacity and safe speed in the work zone to minimize delay – and subsequent complaints to the owner; and to minimize cascading (and potentially worse) problems upstream. Good CTC is as simple and as longitudinally short as practical to minimize cost and meet driver expectancy. Successful CTC is achieved through a careful balance between costs, capacity and public safety and although all three are related, safety is never compromised. The Centennial Engineering, Inc. (CEI) approach to CTC is tied closely to the type and method of construction and strives to minimize the magnitude and number of traffic shifts.

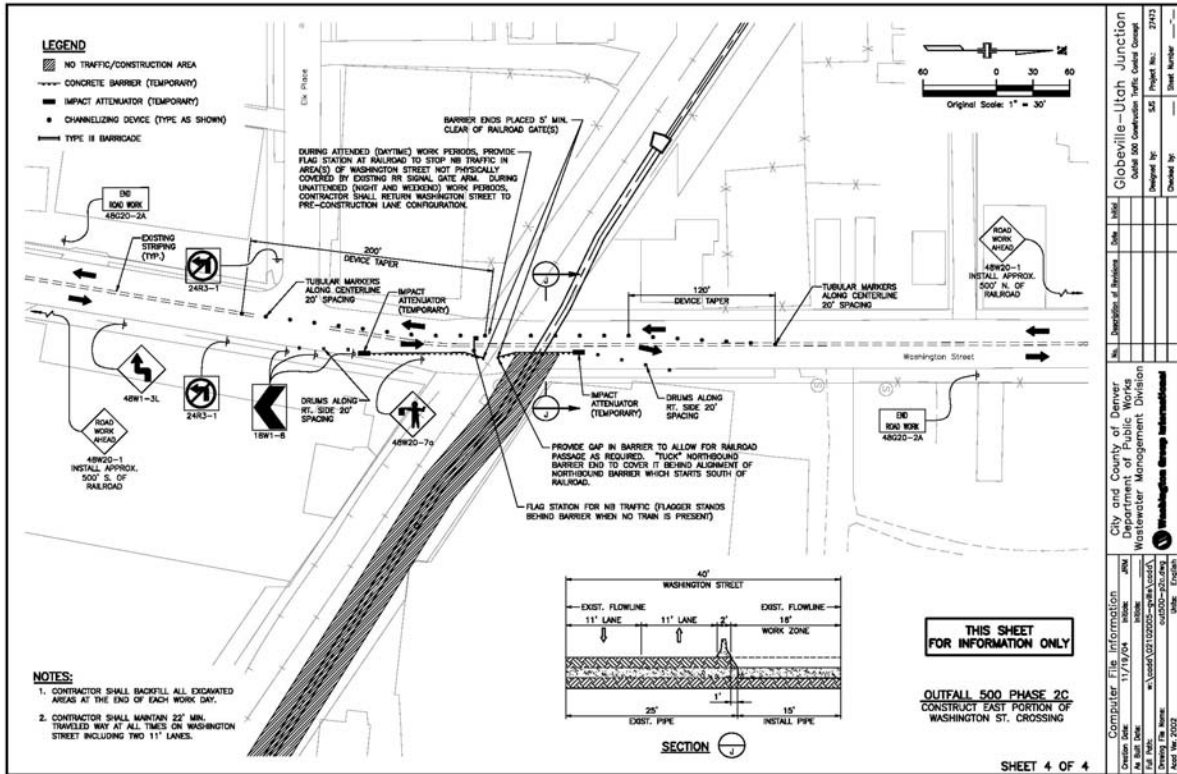
CEI staff has provided CTC design services on behalf of cities and counties across Colorado; the Colorado Department of Transportation (CDOT); and Colorado Front Range tolling authorities. These projects demonstrate the firm’s capability to provide safe and economical CTC in urban or rural environments for all types of roadways and levels of traffic; and to complete such projects quickly, cost-effectively and completely – never losing focus on the importance of public safety.

CEI Chief Traffic Engineer Steven J. Sabinash, P.E. has developed well over 1,100 plan sheets of CTC for freeways; interchanges; and arterial, collector and local streets. Selected CTC projects managed and designed by Steve are as follows:

- I-25/T-REX; Denver, CO (selected areas/phases)
- I-225 Widening, Sand Creek to 6th Avenue; Aurora, CO
- I-225/Mississippi Interchange; Aurora, CO
- US-285/Simms Interchange; Jefferson County, CO
- US-285 Tiny Town to Conifer (>350 plan sheets); Jefferson County, CO
- 23rd Street Viaduct (>100 plan sheets); Denver, CO
- I-25/20th Street Interchange (>120 plan sheets); Denver, CO
- Denver Wastewater Traffic Control (multiple outfalls citywide); Denver, CO
- I-84/Cole/Overland Interchange (>150 plan sheets); Boise, ID
- Ken Caryl & Simms Widening Projects; Jefferson County, CO
- Broadway and Goose Creek Pedestrian Underpasses; Boulder, CO
- Evans Avenue and Cherry Creek Shopping Center; Denver, CO



Goose Creek Project; Foothills Parkway (SH-157), Boulder



Globeville Drainage Project, North Central Denver

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