

ATTACHMENT 3

US Highway 50 / Missouri Flat Road Interchange Phase 1A: Project #71317 Minimizing Construction Impacts & Public Outreach Efforts.

Maintaining traffic and business access during the construction of this project necessitated careful consideration to the staging of construction. The Department of Transportation and project design team implemented extensive review and design procedures to address construction related traffic issues. Steps taken included the following:

1. Three public outreach and numerous individual meetings with area property owners, business owners, emergency services, transit providers, and the public were held to solicit input regarding traffic issues, business access concerns and potential mitigation measures.
2. The design team prepared multiple computer simulation models to evaluate and optimize stage construction plans and specifications.
3. The Department, Caltrans and design consultant held a series of five Traffic Management Plan (TMP) work sessions, including construction oversight and traffic management specialists to refine the stage construction plans and specifications.
4. The Department, Caltrans, and consultant team evaluated and revised stage construction plans through four comprehensive plan check evolutions to minimize construction related traffic congestion.

The above design and review procedures yielded several modifications to the plans and specifications and resulted in the implementation of the following special measures:

1. The project construction includes 4 primary stages, and 18 sub-phases of work.
2. Work during peak traffic hours is restricted, and night work is required for several operations.
3. The plans include several detours, alternate access construction and temporary intersection signalizations.
4. The project construction will include CHP enforcement during key detours and traffic switches.
5. The specifications include multiple stage construction incentive / disincentive clauses limiting disruption to business and roadway access. Penalty and liquidated damages provisions are included should key elements of work or overall project completion fail to be completed on time. Incentive provisions are also included for early completion.
6. Plans and specifications provide access to businesses at all times requiring several temporary detours and alternative access modification.

ATTACHMENT 3

In addition to the provisions included in the contract plans and specifications, the Department is planning the following additional measures.

1. The Department will hold regular construction meetings, including emergency service & transit providers, to announce upcoming construction and traffic activities.
2. The Department will continue its community outreach program to communicate with business owners and the public through the use of informational websites, workshops and newsletters.

Despite these extensive efforts, this project will create extensive and unavoidable construction related traffic congestion. The current interchange configuration experiences significant traffic congestion during peak travel times. During construction the travel lanes, intersection configurations, turning movements, access locations, signal timing and overall traffic coordination will restrict the areas' traffic capacity beyond its existing condition. The project will include temporary lane and ramp closures, detours of US Highway 50, and short duration closures of Missouri Flat Road during critical elements of work. Travelers will be provided with available detours during such time and access will be maintained to businesses at all times; however, the construction of this project will substantially impact traffic, both at the Missouri Flat Interchange and in the surrounding areas.

The Department's public outreach plan will provide the traveling public, business and property owners, and emergency service providers with information regarding the status of construction, upcoming traffic modifications and alternative routes. The Outreach plan includes on-site changeable message boards, project newsletter, web-site information and public informational workshops; all intended to lessen the impacts of the project construction.

It is anticipated the project will take eighteen to twenty-four months to complete, dependent on weather conditions and other impacts.

The completion of this project will provide for substantially improved traffic and safety conditions allowing for planned growth and economic development. The Department is both eager and excited to bring this project forward to the citizens of El Dorado County.