

# Mason Corridor / MAX BRT Project

## Environmental Consequences & Mitigation

Potential Impacts	Proposed Mitigation	
	Beneficial	
	Support for recently approved TOD overlay zone.	None required
cent to proposed stand- d maintenance experience a slight ffice related impacts.	Enhanced transit accessibility. Park-N-Ride lots providing ap- proximately 200 additional park- ing spaces along the corridor.	Coordination with the local community and emergency service providers during the construction phase to maintain ac- cess.
ernative would not placement of any nment impacts in- ation of vacuums at sh (4315 S. Mason) approximately 235 serving primarily	Development of Park-N-Ride lots providing approximately 200 additional parking spaces along the corridor.	Develop Park-N-Ride lots with ap- proximately 470 parking spaces. Coord- ination with CSU and local businesses to minimize disruptions and preserve access during construction.
		None required
of the Build Alterna- ive the relocation of he Public Service olorado substation ed at 128 Prospect		For those property owners affected by acquisition of private land, the acqui- sition process will be in full compliance with all federal and state requirements, including the Uniform Relocation / ssistance and Real Property Acquisition Policies Act of 1970
ernative would re- on of a total of ap- 7 acres of new right- permanent ease- -proposed alignment n addition temporary asements would be additional 15 acres.		
arbon monoxide ed in no ex- he National Ambient standards.	Expected to reduce vehicle miles traveled resulting in reduction of air pollution emissions.	Construction related mitigation mea- sures proposed to reduce air pollution during construction.
		Construction related mitigation mea- sures proposed to reduce noise impacts during construction.

Area of	Potential Impacts		Proposed Mitigation
	Adverse	Beneficial	
<b>Water Resources and Water Quality</b>			
Build Alternative	Construction of the Build Al- ternative will result in the addi- tion of 19.5 acres of imperi- ous surfaces which could lead to more runoff and in- creased sedimentation.  Potential for nonpoint source pollution to surface water from storm water runoff re- lated to transportation activi- ties.		Water quality mitigation will ad- here to the Municipal Separate Storm Sewer System (MS4) per- mit requirements. The City of Fort Collins will develop, imple- ment, and enforce a Stormwater Management Program as well as comply with all local, state, and federal permitting requirements.
<b>Wetlands and Other Waters of the U.S.</b>			
Build Alternative	It is expected that 0.3 acres of jurisdictional wetlands and 0.14 acres of non- jurisdictional wetlands may be impacted.		Coordination with the USACE has been initiated and all appro- priate permits will be obtained.
<b>Flooding and Floodplain Management</b>			
Build Alternative	Construction of the Build Al- ternative would result in 0.11 acres of encroachment in to the "FEMA-designated" 100- year floodplain and floodway associated with Spring Creek.		Best management practices will be followed to reduce temporary and permanent impacts.
<b>Vegetation</b>			
Build Alternative	Minimal		All disturbed areas will be re- planted as soon as possible fol- lowing construction with drought tolerant, native vegetation.
<b>Noxious Weeds</b>			
Build Alternative	Soil disturbance caused by construction equipment and the removal of native vegeta- tion would contribute to the spread of noxious weeds in the study area.		Best management practices will be utilized during construction to reduce the potential for introduc- tion and spread of noxious weed species.
<b>Wildlife/Ecologically Sensitive Areas</b>			
Build Alternative	Construction of the proposed Mason Corridor/MAX BRT line will result in the removal of vegetation/riparian habitat within the study area.		All disturbed areas will be re- planted as soon as possible fol- lowing construction with drought tolerant, native vegetation. A nesting survey for active migra- tory bird nests is recommended prior to start of construction and during the breeding season (approximately mid-April through August) to ensure no ac- tive nesting locations are dis- turbed. If required, appropriate permits will be obtained through U.S. Fish and Wildlife Services.

Area of	Potential Impacts		
	Adverse	Beneficial	
<b>Threatened and Endangered Species</b>			
Build Alternative	None		None
<b>Visual Quality</b>			
Build Alternative	Minimal due to existing BNSF railway corridor.		Re- tu- th th th th re sig- nif- can
<b>Cultural Resources</b>			
Build Alternative	An "adverse" impact has been determined for the Pub- lic Service Company of Colorado (PSCO) substation building as its removal would be required for con- struction of the project. The PSCO building is eligible for the National Register of His- toric Places.		St- "a- tic pe- tic th C na
<b>Parks and Recreation Resources</b>			
Build Alternative	A retaining wall would be built at the western boundary of Creekside Park.		Cl- th vi
<b>Section 6(f)</b>			
Build Alternative	None		None
<b>Farmland</b>			
Build Alternative	None		None
<b>Public Safety and Security</b>			
Build Alternative	None		En- pr- sta
<b>Section 4(f)</b>			
Build Alternative	Two impacted properties are protected under Section 4(f) of the Department of Trans- portation Act: the PSCO building and Creekside Park. Required actions include re- moval of the PSCO building and construction of a retain- ing wall at Creekside Park.		Av- PS- an- wh- an- im- tic wo- m