

## Tier 2 - No Action and Alternative Concepts - Project Goals Screening Matrix

Tier 2 Screening Criteria  Improve traffic operations along southbound in the street and 1-25 by restricting LOS F feway flow to less than two hours per day but by no more than three hours given 203s traffic demands along southbound in LOS between Yosemite Street and 1-25	NA Action  No Action  Without any improvements, traffic congestion along I-225 will worsen. Currently the mainline narrows from 4 lanes to 2 lanes in just over one mile from Vocembe Erret to the 1-5.	4. Hard Shoulder Running Only	7	8	9	10	Full and Partial On-R	amp Closure Concepts						Braided Ramps w	ith I-225 Concepts		
Improve traffic operations along southbound I- 225 between Yosemite Street and 1-25 by restricting LOS F Teneway flow to be share two hours per day but by no more than three hours given 2035 traffic demands along southbound I-	narrows from 4 lanes to 2 lanes in just over one	Hard Shoulder Running Only							13 14 15			16	17	Braided Ramps with I-225 Concepts			21
225 between Yosemite Street and I-25 by restricting LOS F freeway flow to less than two hours per day but by no more than three hours given 2035 traffic demands along southbound I am	narrows from 4 lanes to 2 lanes in just over one	Hard Shoulder Running Only	1			DDI with Braided Ramp and DTC On Ramp to northbound I-	-			-			Divide I-25, Remove DTC off Ramp, and Braid Ramps Wes		-		-
225 between Yosemite Street and I-25 by restricting LOS F freeway flow to less than two hours per day but by no more than three hours given 2035 traffic demands along southbound I am	narrows from 4 lanes to 2 lanes in just over one	Adding the third lane via converting the shoulder will alleviate the two-lane bottleneck. The constraining	Third Lane Only  Adding the third lane will alleviate the two-lane bottlene	DTC On Ramp to northbound I-25 Only ick. This Concept provides a third lane along southbound I-225 on and improves the weave distance with I-25. However,	Texas U-Turn with DTC On Ramp to northbound I-25 only This Concept provides a third lane along southbound I-225	25 Only This Concept provides a third lane along southbound I-225	Reroute DTC Ramp to Yosemite  This Concept provides a third lane along southbound I-225 and improves the weave distance with I-25. However,	Braided Ramps between Yosemite and DTC This Concept provides a third lane along southbound I-225	Combine interchanges with U-Turn Bridge This Concept provides a third lane along southbound I-225 and improves the weave distance with I-25. However,	Texas U-Turn  This Concept provides a third lane along southbound I-225 and improves the weave distance with I-25. However,	Two DDIs - Yosemite and DTC  This Concept provides a third lane along southbound I-225	Braid Ramps West of DTC  This Concept provides a third lane along southbound I-225	of DTC This Concept provides a third lane along southbound I-22	Add Loop Ramp and Braid Ramps East and West of DTC  This Concept provides a third lane along southbound I-225 and eliminates the weave between DTC Boulevard and I-25.	Divide I-225 and Braid Ramps West of DTC This Concept provides a third lane along southbound I-225	Bifurcate I-225 East of DTC and Roundabouts at DTC This Concept provides a third lane along southbound I-225	Braid Ramps East and West of DTC  Three lanes are provided along I-225 and the weaving is addressed with braiding the ramps between DTC
225 between Yosemite Street and I-25 by restricting LOS F freeway flow to less than two hours per day but by no more than three hours given 2035 traffic demands along southbound I am		component will be the three-lane section just west of the on-ramp merge as this will be where traffic demand will b	just west of the on-ramp merge as this will be where tral e demand will be greatest. The section between Yosemite	ffic merging operations with the new on-ramp from Yosemite Street as part of this Concept also incorporates on-ramp	merging operations with the new on-ramp from Yosemite Street as part of this Concept also incorporates on-ramp	merging operations with the new on-ramp from Yosemite Street as part of this Concept also incorporates on-ramp	merging operations with the on-ramp from Yosemite Street incorporates all on-ramp traffic from DTC Boulevard	merging operations with the on-ramp from Yosemite incorporates all on-ramp traffic from DTC	merging operations with the on-ramp from Yosemite incorporates all on-ramp traffic from DTC	merging operations with the on-ramp from Yosemite incorporates all on-ramp traffic from DTC	merging operations with the on-ramp from Yosemite incorporates all on-ramp traffic from DTC		lane freeway segments serve each diverging direction to I		lane freeway segments serve each diverging direction to I-	lane freeway segments serve each diverging direction to I-	Boulevard and I-25. The on-ramp traffic would be spre
hours per day but by no more than three hours given 2035 traffic demands along southbound I-	convergence. The two-lane bridge carrying I-225 across DTC Boulevard will continue to be the	greatest. The section between Yosemite Street and I-25 o southbound I-225 could experience LOS F for 4 to 5 hours	<ul> <li>Street and I-25 on southbound I-225 could experience LC</li> </ul>	OS F traffic from DTC Boulevard heading for southbound I-25 resulting in a LOS F during the AM peak period lasting	traffic from DTC Boulevard heading for southbound I-25 resulting in a LOS F during the AM peak period lasting	traffic from DTC Boulevard heading for southbound I-25 resulting in a LOS F during the AM peak period lasting	resulting in a LOS F during the AM peak period lasting approximately four to five hours per day.	Boulevard/Yosemite Street area resulting in a LOS F during	Boulevard/Yosemite Street area resulting in a LOS F during	Boulevard/Yosemite Street area resulting in a LOS F during the AM peak period lasting approximately four to five hou	g Boulevard/Yosemite Street area resulting in a LOS F during	The three-lane over DTC Boulevard section would operate at LOS F for one to two hours per day. Also, a new weave		The three-lane over DTC Boulevard section would operate at LOS F for one to two hours per day. Also, a new weave			Yosemite Street on-ramp merging on to a three-lane s and the DTC on-ramps merging onto a four-lane section
	bottleneck, and the section between Yosemite Street and I-25 on southbound I-225 could experience LOS F for 8 to 12 hours per day in 2035.	per day in 2035.		approximately two to three hours per day in 2035.	approximately two to three hours per day in 2035.	approximately two to three hours per day in 2035.		per day.	per day.	per day.	per day.	along the on-ramp to the braided split is introduced.		along the C-D road is introduced.			The three-lane section between Yosemite Street and I ramps will result in LOS F for two to three hours per da
Trai	expenence LOS F for 8 to 12 hours per day in 2035.																
Tr.																	
int	Traffic conditions at the interchanges' intersections will worsen without improvements	Traffic conditions at the interchanges' intersections will worsen without improvements to LOSE for two of the	Traffic conditions at the interchanges' intersections will worsen without improvements to LOS E for two of the	Some out-of direction travel is required with this Concept since the DTC Boulevard on-ramp is closed to traffic wanting	Some out-of direction travel is required with this Concept gaince the DTC Boulevard on-ramp is closed to traffic wanting to go to southbound 12.5 and the traffic is retouted to the c Yosemite interchange. This will add more left turning traffic	<ul> <li>Some out-of direction travel is required with this Concept, adding left turning traffic to the south DTC</li> </ul>	Significant out-of direction travel is required with this Concept, adding left turning traffic to the south DTC	Significant out-of direction travel is required with this Concept, adding left turning traffic to the south DTC	The u-turn bridge will operate under STOP control which is projected to function at an LOS F during both peak hours	Significant out-of direction travel is required with this Concept, adding left turning traffic to the south DTC	<ul> <li>At DTC Boulevard north intersection, the westbound left turn is a LOS F during the AM peak hour and the westbound</li> </ul>	This Concept will maintain traffic operations at the intersections. However, traffic turning at the north DTC	Concept will only impact traffic flow through the northern	his • The north intersection at DTC Boulevard interchange will have improved operations with this Concept.	This Concept will maintain traffic operations at the intersections.	will operate overall at a LOS F for both AM and PM peak	Traffic operations will improve over the No Action, specifically for DTC Boulevard interchange north
nor Sr	to LOS E for two of the intersections. The two noted intersections include the north Yosemite Street intersection and the north DTC Boulevard	intersections, similar to the No Action Alternative. The tw noted intersections include the north Yosemite Street intersection and the north DTC Boulevard intersection	<ul> <li>intersections, similar to the No Action Alternative. The tv noted intersections include the north Yosemite Street intersection and the north DTC Boulevard intersection</li> </ul>				demand will result in the south DTC Boulevard ramp intersection to function at a LOS F in the PM peak hour. The	demand will result in the south DTC Boulevard ramp intersection functioning at a LOS E with the southbound left	Further, out-of direction travel is required with this Concept, adding left turning traffic to the south DTC	demand will result in the south DTC Boulevard ramp intersection functioning at a LOS F. Southbound left turn	right turn is a LOS F during the PM peak hour. At the DTC south intersection, the eastbound right turn is a LOS F during the AM peak hour.	impending directional decision associated with the downstream ramp braid.	Yosemite Street Interchange, and the analysis indicates the this intersection can absorb the additional traffic without any degradation to LOS.	at .		hours. During the PM peak hour, queues between the two roundabouts spill into the adjacent roundabout both northbound and southbound. Queues will also build along	westbound approach.
int	intersection during the AM peak hour for 2035.	during the AM peak hour for 2035.	during the AM peak hour for 2035.	additional burden would result in this intersection functioning at LOS E during the PM neak hour. Starking of	additional burden would result in this intersection functioning at LOS F during the PM peak hour. Stacking of the southbound left turn movement would fill the left turn	fill the left turn lane storage.	increase in left turn movements could also fill the available left turn storage at this intersection.	turn at a LOS F.	Boulevard ramp intersection. This additional left turning demand will result in the south DTC Boulevard ramp	movement stacking would fill the left turn lane storage wi queues at times blocking the north intersection.	ith					the roundabouts approaches and spill into the intersections of Tufts Avenue and Quincy Avenue.	
Maintain or improve future traffic operations				lane storage lanes with queues at times blocking the north DTC Boulevard ramp intersection.	lane storage lanes with queues at times blocking the north DTC Boulevard ramp intersection.				intersection functioning at a LOS F in isolation; the queuing from the u-turn bridge will exasperate this problem.								
with respect to existing conditions at the I- 225/Yosemite Street and I-225/DTC Boulevard																	
interchange intersections . Should operations degrade, overall LOS D during both peak hours is						The southern Yosemite Street intersection's eastbound left turn movement will function at LOS F during the PM	Significant out-of direction travel is required with this Concept, adding left turning traffic at both Yosemite Street	Significant out-of direction travel is required with this Concept, adding left turning traffic at both Yosemite Street			The southern Yosemite Street intersection's eastbound left turn movement will function at LOS F during the PM			The C-D road was evaluated for the weave interaction from the interchange ramps to the I-225 diverging braided			
required. Further, traffic queues should not stack between successive intersections.	c .					peak hour as this movement will be required to merge with the northbound through traffic along Yosemite Street. The	ramp intersections. This additional left turning demand will result in the north Yosemite Street ramp intersection to	ramp intersections. During the AM peak hour, the north Yosemite Street ramp intersection will operate at a LOS F			peak hour as this movement will be required to merge with the northbound through traffic along Yosemite Street. The			ramps. The weave is two lanes, one from northbound (loop) DTC Boulevard and the southbound right turn from DTC			
						would be no queue spillbacks between the two signalized	function at a LOS F in the AM peak hour and the south Yosemite Street intersection to function at a LOS F in the PM peak hour. The increase in left turn movements could	and during the PM peak hour, the south Yosemite Street ramp intersection will operate at a LOS F.			queue of the left turn is approximately 850 feet. There would be no queue spillbacks between the two signalized intersections of the DDI and the overall LOS D or better for			Boulevard. The weave will have a LOS A for both peak hours.			
/						at an overall LOS D or better.	also fill the available left turn storage at these intersections.				Yosemite Street's DDI.						
/																	
Th d	The No Action 2035 weave areas will continue to deteriorate to longer periods of LOS F without any	The southbound lane configuration would require all DTC Boulevard on-ramp traffic to merge over one lane. Traffic	The southbound lane configuration would require all DTI Boulevard on-ramp traffic to merge over one lane. Traff	C On-ramp DTC Boulevard traffic oriented to northbound I-25 fic does not merge onto I-225. On-ramp traffic to southbound	On-ramp DTC Boulevard traffic oriented to northbound I-25 does not merge onto I-225. On-ramp traffic to southbound	On-ramp DTC Boulevard traffic oriented to northbound I-25 does not merge onto I-225. On-ramp traffic to southbound	On-ramp DTC Boulevard traffic oriented to northbound I-25 and southbound I-25 must all merge onto I-225. While the	On-ramp DTC Boulevard traffic oriented to northbound I-25 and southbound I-25 must all merge onto I-225. While the	On-ramp DTC Boulevard traffic oriented to northbound I-2 and southbound I-25 must all merge onto I-225. While the	5 On-ramp DTC Boulevard traffic oriented to northbound I-2 and southbound I-25 must all merge onto I-225. While the	25 On-ramp DTC Boulevard traffic oriented to northbound I-25 and southbound I-25 must all merge onto I-225. While the	On-ramp DTC Boulevard traffic oriented to either northbound I-25 or southbound I-25 must all merge onto I-	Spreading freeway demand across four freeway lanes (tw in each bifurcation) and merging a ramp into each would	On-ramp DTC Boulevard traffic oriented to either northbound I-25 or southbound I-25 must all merge onto I-	Spreading freeway demand across four freeway lanes (two in each bifurcation) and merging a ramp into each would	Spreading freeway demand across four freeway lanes (two in each bifurcation) and merging a ramp into each would	On-ramp DTC Boulevard traffic oriented to either northbound I-25 or southbound I-25 must all merge onto
ing	improvements.	oriented to southbound I-25 would then need to make on additional lane change. This Concept requires a greater	e oriented to southbound I-25 would then need to make o additional lane change. This Concept requires a greater	ic does not merge onto I-225. On-ramp traffic to southbound ine I-25 has approximately one mile to make a single lane change, which is an improvement over the existing one-half	I-25 has approximately one mile to make a single lane change, which is an improvement over the existing one-half	I-25 has approximately one mile to make a single lane change, which is an improvement over the existing one-half	distance to the I-25 diverge is approximately twice as long as the existing configuration, DTC Boulevard on-ramp traffic	distance to the I-25 diverge is approximately twice as long as the existing configuration, DTC Boulevard on-ramp traffic	distance to the I-25 diverge is approximately twice as long as the existing configuration, DTC Boulevard on-ramp traffi	distance to the I-25 diverge is approximately twice as long c as the existing configuration, DTC Boulevard on-ramp traff	g distance to the I-25 diverge is approximately twice as long ffic as the existing configuration, DTC Boulevard on-ramp traffic	225 via separate ramps. Traffic would merge onto I-225 from both sides of the freeway in the same general vicinity				approximately equate to existing weave conditions. Therefore, this Concept would maintain existing operations.	225 via separate ramps. Traffic would merge onto I-225 from both sides of the freeway in the same general vicinit
Maintain existing or improve future traffic operations with respect to existing conditions for		number of lane changes than the existing lane geometry and would not maintain or improve future traffic operations.	and would not maintain or improve future traffic operations.	change, which is an improvement over the existing one-half mile length. Therefore, this Concept would improve future traffic operations.	traffic operations.	mme rengen. I neretore, this concept would improve future traffic operations.	unwneed to northbound 1-25 does not require a lane change. This Concept requires one lane change in the form of a merge. Therefore, this Concept does not maintain existing	Unwritive to northbound 1-25 does not require a lane change. This Concept requires one lane change in the form of a merge. Therefore, this Concept does not maintain existing	umenseu to northbound 1-25 does not require a lane chang This Concept requires one lane change in the form of a merge. Therefore, this Concept does not maintain existing	H. Lurierrised to northbound 1-25 does not require a lane chang This Concept requires one lane change in the form of a merge. Therefore, this Concept does not maintain existing	ige. Oriented to northbound 1-25 does not require a lane change This Concept requires one lane change in the form of a ignormal property of the concept does not maintain existing conditions with respect to lane changing conflicts.	which could introduce safety concerns. This Concept is an improvement over existing conditions given entering traffic need not weave. Therefore, this Concept would improve		which could introduce safety concerns. This Concept is an improvement over existing conditions given entering traffic need not weave. Therefore, this Concept would improve			which could introduce safety concerns. This Concept is ar improvement over existing conditions given entering traff need not weave. Therefore, this Concept would improve
weave areas along southbound I-225 with regard to distance of weave and number of lane changes							or improve future traffic operations with respect to lane changing conflicts.	conditions with respect to lane changing conflicts.	conditions with respect to lane changing conflicts.	conditions with respect to lane changing conflicts.	conditions with respect to lane changing conflicts.	future traffic operations.		future traffic operations.			future traffic operations.
1																	
	No change to current hishurur and interchange	The Concept would not mast COOT or AASUTO release via	california or current lovel of decise, the improvements could	Id The Concept includes using the west side shoulder along the	This Courset support to constructed to most solitoris due to	This Concept could be constructed to most streedway	This Connect could be constructed to most structure.	Based on current level of design, the improvements could	This Concent cannot be constructed to most edited a due to	Thir Concept capped by constructed to most critical due to	to. This Concept could be constructed to most strandards	Bread on current level of derion, the innerwoment could	Bread on current level of decise, the improvements could	Based on current level of design, the improvements could	Street on current level of during the improvement could	Grand on current level of decire, the improvement rould	Proof on current level of device, the improvement rout
	conditions. On Southbound I-225 to Southbound I- 25 there is limited sight distance for the off ramp.	the inside and outside shoulder widths would be less than feet wide, which does not provide sufficient area for	4 meet current engineering standards, further analysis is needed to confirm.	bridge to provide a dedicated lane for the rerouted movement. This Concept may be constructed to meet	the limited space between the highway, existing northbound slip ramp from DTC Boulevard, and the	THE CORRESCOIL OF CORRESCOIL OF THESE SERVICES.	This concept could be constructed to meet standards.	meet current engineering standards, further analysis is needed to confirm.	the limited space between the highway, existing northbound slip ramp from DTC Boulevard, and the	the limited space between the highway, existing northbound slip ramp from DTC Boulevard, and the	Further analysis would be required to verify.	meet current engineering standards, further analysis is needed to confirm.	meet current engineering standards, further analysis is needed to confirm.	meet current engineering standards, further analysis is needed to confirm.	meet current engineering standards, further analysis is needed to confirm.		meet current engineering standards, further analysis is needed to confirm.
The	The weaving distance is insufficient between southbound I-225 DTC Boulevard Entrance Ramp and I-25 Exit Gore. The shoulder widths do not	emergency vehicles to pass, for emergency storage of disabled vehicles, for enforcement activities, and for drive to maneuver to avoid crashes. Interstates with 6 or more	rs	criteria; however, meeting sight distance at the approach to Yosemite Street from the northbound C-D Road presents a	onorthbound C-D road to fit an elevated ramp lane to cross I- 225 and the LRT envelope and touch down on the other side of the highway. Also, providing vertical grades on the Texas				northbound C-D road to fit an elevated ramp lane to cross 225 and the LRT envelope and touch down on the other sic	I-northbound C-D road to fit an elevated ramp lane to cross te 225 and the LRT envelope and touch down on the other si of the highway. Also, providing vertical grades on the Texa	s i- ide						
Satisfy engineering design standards and criteria whi	meet CDOT standards for the inside shoulder which is less than 4 feet with two lanes and less	lanes (three in each direction) require 10-foot inside and outside shoulders and 12-foot should be considered with		to the receiving lane as viewed from the approach left turn	U-turn ramps that meet standards in order to provide proper clearance over I-225 and LRT presents a challenge.				midway u-turn ramps that meet standards in order to provide proper clearance over I-225 and LRT presents a	U-turn ramps that meet standards in order to provide proper clearance over I-225 and LRT presents a challenge.							
tha	than 10 feet with three lanes.	more than 250 trucks per hour.							challenge.								
/																	
	No changes to current highway and interchange conditions. Currently, along southbound I-225 there is a split diamond interchange with Yosemite	This Concept would not meet driver expectancy, since it does not provide typical Colorado traffic operations along the highway. Drivers will be driving along the highway will	Consistent with driver expectations.	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other Colorado interchanges. Currently, Colorado does not have	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other	This Concept would not meet driver expectancy, since it does not provide typical traffic operations as at other colorado interchanges. There are no operating DDIs in	that have braided ramps including the northbound I-225	that have braided ramps including the northbound I-225	There are other areas within the Denver Metropolitan area that have braided ramps including the northbound I-225 and DTC Boulevard interchange. Loop ramps are also	that have braided ramps including the northbound I-225	that have braided ramps including the northbound I-225	that have braided ramps including the northbound I-225
Ster	Street and DTC Boulevard roadways with C-D roads connecting these roadways, an exit ramp at	less than 4-foot shoulders on each side of the roadway during the peak period, which does not provide sufficient		Yosemite interchange and will use the Yosemite bridge over I-225 to reach the C-D road and merge with southbound I-	r any Texas U-Turn configurations along any of the highways.	Colorado at this time, although the DDI at Exit 26 on I-70 in Grand Junction will be completed in early 2014.	to drive upstream to an adjacent interchange to make a U- turn to enter the highway in the downstream direction	to drive upstream to an adjacent interchange to make a U- turn to enter the highway in the downstream direction	any elevated u-turn configurations along any of the highways.	any Texas U-Turn configurations along any of the highway	ys. Colorado at this time, although the DDI at Exit 26 on I-70 in Grand Junction will be completed in early 2014. Also, with	need to merge with traffic from the left side of the highway, which is not a typical merge onto the freeway and does not	meets driver's expectations.	common in the Deriver Metro area. The braided ramp would need to merge with traffic from the left side of the	meets driver's expectations.	number of roundabout ramp intersections in Colorado, although more of these are along I-70 in the mountain	meets driver's expectations.
Yos Be	Yosemite Street and an entrance ramp at DTC Boulevard from southbound I-225. There is also a slip ramp from southbound I-225 to DTC	area for emergency vehicles to pass, for emergency stora; of disabled vehicles, for enforcement activities, and for drivers to maneuver to avoid crashes. CDOT is proposing	90	225 traffic will be driving against southbound Yosemite Street opposing traffic as they cross along the west side of the Yosemite Street Bridge using the existing shoulder,			along any highways in Colorado.	along any highways in Colorado.			this configuration, northbound I-225 traffic no longer has a direct connection to Yosemite Street.	meet driver's expectations.		highway, which is not a typical merge onto the freeway and does not meet driver's expectations.		regions and North I-25 north of the Denver area. Therefore, this Concept meets driver's expectations.	
Meet driver's expectations since	Boulevard. This interchange has been constructed since 2006 and drivers are accustomed to the	hard shoulder running along the I-70 mountain corridor in 2015, which will be the first such use.		which is not a typical operation at an interchange.													
car	configuration. C-D roads are becoming more common along highways and a split diamond																
rer	interchange with C-D roads was constructed recently at Colfax Avenue and I-225.																
/																	
Ne st	No changes to interchange access. Currently,	The current movements would be preserved.	The current movements would be preserved.	System interchange access would not be preserved. Direct	System interchange access would not be preserved. Direct access would be removed from southbound I-225 to DTC Boulevard. Although access would be preserved, the DTC	System interchange access would be preserved. Direct	System interchange access would not be preserved. Direct	System interchange access is preserved. Although access is researched the DTC Boulevard on came to courbbound 1.255	System interchange access is not preserved. Direct access	is System interchange access is not preserved. Direct access	s is System interchange access is not preserved. This Concept	The current movements would be preserved.	System interchange access is not preserved. Direct acces removed from southbound I-225 to DTC Boulevard.	s is The current movements would be preserved, although the north ramp and DTC Boulevard intersection is reconfigured.	The current movements would be preserved.	The current movements would be preserved.	The current movements would be preserved and one movement is added from Yosemite Street directly to
int: Br	interchange with Yosemite Street and DTC Boulevard roadways with C-D roads connecting			Boulevard on ramp to southbound I-225 and to southbound	Boulevard on ramp to southbound I-225 and to southbound	preserved, the DTC Boulevard on ramp to southbound I-225	Boulevard on ramp to southbound I-225 and to southbound	and to northbound and southbound I-25 would be rerouted through the Yosemite Street interchange.	southbound I-225 and to northbound and southbound I-25	southbound I-225 and to northbound and southbound I-2:	15 at intersections from cross streets, which is how this access			One movement is added from Yosemite Street directly to southbound I-225.			southbound I-225.
the an	these roadways, an exit ramp at Yosemite Street and an entrance ramp at DTC Boulevard from southbound I-225. There is also a slip ramp from			I-25 would be rerouted through the Yosemite Street interchange.	I-25 would be rerouted through the Texas U-Turn Bridge.	and to southbound I-25 would be rerouted through the Yosemite Street DDI.	1-25 would be rerouted through the Yosemite Street interchange.		would be rerouted through the u-turn bridge.	would be rerouted through the Texas U-Turn Bridge.	would be provided at the south ramp and the DTC Boulevard intersection and using the northbound C-D road.						
Preserve system interchange access	southbound I-225 to DTC Boulevard.																
/																	
/																	
/			No out-of-direction travel is required with this Concept.														
No. 20	No changes to the current I-225/DTC Boulevard and I-225/Yosemite Street Interchange Complex.	two out-of-direction travel is required with this Concept.	two out-of-direction travel is required with this Concept.	This Concept would require southbound I-225 to South I-25 motorists to head east through two Yosemite Street ramp intersections (holding to the west side of the Yosemite	head east over I-225 and enter a slip ramp to reach southbound I-225 to address the weave issue. This would	Inis Concept would require southbound I-225 to southbound I-25 motorists to head east through two diverging diamond interchanges (DDI). Yosemite Street	Inis concept would require motorists to head east through two Yosemite Street ramp intersections and onto a slip ramp to reach southbound I-225 to address the wolfer	I his concept would require motorists to head east through two Yosemite Street ramp intersections and onto a slip ramp to reach southbound I-225 to address the weake	Ins concept would require motorists to head east over I- 225 and enter a slip ramp to reach southbound I-225 to address the weave issue. This would extend the distance	Inis Concept would require northbound and southbound 25 motorists to head least over I-225 and enter a slip ramy to reach southbound I-225 to address the weave I-color. The	Ins Concept would require northbound and southbound I- p 25 motorists to head east through the DTC Boulevard DDI his and then through the Yosemite Street DDI and onto a clin	two out-of-direction travel is required with this Concept.	two out-of-direction travel is required with this Concept.	No out-of-direction travel is required with this Concept.	pso out-of-direction travel is required with this Concept.	two out-of-direction travel is required with this Concept.	No out-of-direction travel is required with this Concept.
/					extend the distance traveled by 5600 feet in comparison to the existing on ramp in the No Action.	southbound I-225 to address the weave issue. This would	issue. This would extend the distance traveled by 6600 feet in comparison to the existing on ramp in the No Action.	issue. This would extend the distance traveled by 6600 feet in comparison to the existing on ramp in the No Action.	traveled by 3600 feet in comparison to the existing on ram in the No Action.	p would extend the distance traveled by 5600 feet in comparison to the existing on ramp in the No Action.	issue. This would extend the distance traveled by 6400 feet						
Minimize out-of-direction travel to access I-225 and the I-225/Yosemite Street and I-225/DTC				would extend the distance traveled by 6500 feet in comparison to the existing on ramp in the No Action.		extend the distance traveled by 6400 feet in comparison to the existing on ramp in the No Action.					in comparison to the existing on ramp in the No Action.						
Boulevard interchanges																	
/																	
Nr.	No property or business impacts would be required with this Concept.	No property or business impacts would be required with this Concept, which stays within existing ROW.	No property or business impacts would be required with this Concept, which stays within existing ROW.	No property or business impacts would be required with this Concept, which stays within existing ROW.	No property or business impacts would be required with this Concept, which stays within existing ROW.	The existing intersections at Yosemite Street are close to existing private property. Constructing the free rights	No property or business impacts would be required with this Concept, which stays within existing ROW	No property or business impacts would be required with this Concept, which stays within existing ROW.	No property or business impacts would be required with this Concept, which stays within existing ROW.		The existing intersections at Yosemite Street are close to existing private property. Constructing the free rights		No property or business impacts would be required with this Concept, which stays within existing ROW.	This Concept impacts Summitt Ridge Luxury Apartment Homes property. The loop ramp extends into the			No property or business impacts would be required with this Concept, which stays within existing ROW.
Avoid direct and indirect property and business		mps and a surjection of the su	and the state of t	and the same of th	The same of the sa	associated with this Concept would impact these properties on all four quadrants.	The state of the s				associated with this Concept would impact these properties on all four quadrants.	and the state of t	and the state of t	apartment residential property, one apartment building, parking spaces, and the circulatory roadway internal to the	The state of the s	The state of the s	
impacts														apartment complex.			
N.	No business/resident displacements would be	No business/resident displacements would be required w	ith No business/resident displacements would be required v	with No business/resident displacements would be required with	h No business/resident displacements would be required with this Concept, which stays within existing ROW.	No business/resident displacements would be required with	No business/resident displacements would be required with	No business/resident displacements would be required with	No business/resident displacements would be required wit	h No business/resident displacements would be required wi	ith No business/resident displacements would be required with	No business/resident displacements would be required with	No business or resident displacements would be required	This Concept impacts one building within the Summitt Ridge	No business or resident displacements would be required	No business or resident displacements would be required	No business or resident displacements would be require
Avoid business/resident displacements	required with this Concept.	this Concept, which stays within existing ROW.	this Concept, which stays within existing ROW.	concept, which stays within existing ROW.	uns concept, which stays within existing ROW.	uns concept.	uns concept, which stays within existing ROW.	ums concept, which stays within existing ROW.	ums concept, which stays within existing ROW.	ums concept, which stays within existing ROW.	uns concept.	this Concept, which stays within existing ROW.	with this Concept, which stays within existing ROW.	Luxury Apartment Homes property. The loop ramp extends into one residential apartment building with 10 - 12 residential units that will be displaced.	with this Concept, which stays within existing ROW.	with this Concept, which stays within existing ROW.	with this Concept, which stays within existing ROW.
Thy	This Concept is compatible with local land use planning .	This Concept is compatible with local land use planning .	This Concept is compatible with local land use planning.	This Concept is compatible with local land use planning .	This Concept is compatible with local land use planning .	intersection configuration due to their close proximity to	This Concept is compatible with local land use planning .	This Concept is compatible with local land use planning.	This Concept is compatible with local land use planning.	This Concept is compatible with local land use planning.	Two roadways would need to be closed with this intersection configuration due to their close proximity to	This Concept is compatible with local land use planning.	This Concept is compatible with local land use planning.	This Concept is not compatible with local land use. A portion of the residential land use will be converted to	This Concept is compatible with local land use planning .	This Concept is compatible with local land use planning .	This Concept is compatible with local land use planning .
Evaluate compatibility with local land use						the interchange intersections. This includes Radcliffe Avenue to the south and Oxford Drive to the north.					intersection configuration due to their close proximity to the interchange intersections. This includes Radcliffe Avenue to the south and Oxford Drive to the north.			portion of the residential land use will be converted to transportation land use. In addition, impacts to parking and circulation would affect the viability of the existing site development plan			
planning														A CONTRACTOR OF THE CONTRACTOR	4		
	Retained:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Eliminated:	Retained:	Retained:	Retained, Not Recommended:	Retained:	Eliminated:	Retained:
	This Concept has been retained	This Concept has been eliminated due		This Concept has been eliminated due									This Concept has been retained for		This Concept has been retained for		This Concept has been retained for
fo	for Comparison Purposes	to the unacceptable mainline and intersection operations, the greater	to the unacceptable mainline and	to the unacceptable intersection er operations and the extensive out-of-	to the unacceptable intersection	to the unacceptable intersection operations; inability to meet driver	to the unacceptable duration of LOS F on mainline, unacceptable intersection	to the unacceptable duration of LOS F on mainline, the unacceptable	to the unacceptable duration of LOS F	to the unacceptable duration of LOS F			further analysis.	further analysis to determine if the community and environmental impacts	further analysis.		further analysis.
Summary of Results		number of lane changes, the unacceptable shoulder widths, and	number of lane changes.	direction travel distance which is not	criteria and driver expectancy, and the	expectations, minimize property	operations, inability to meet driver expectations, and the extensive out-of-	intersection operations and the	intersection operations, and the extensive out-of-direction travel	intersection operations, and the	intersection operations, and the extensive out-of-direction travel			can be avoided. This Concept provides improved levels of service at the DTC		lengths that will back into adjacent	
1		inability to meet driver expectations.		Casolianic	distance which is not reasonable	planning; and the extensive out-of-	direction travel distance which is not		distance which is not reasonable	distance which is not reasonable	distance which is not reasonable			Boulevard ramp intersections.		intersections, which are not reasonable	
						direction travel distance which is not reasonable	reasonable										
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Notes
All Concepts will Avoid Environmental and Cultural Resource Impacts with the exception of Concept 18 which will impact open space east of DTC Boulevard and north of I-225 (the loop ramp extends into the 100-year floodway associated with Goldsmith Gulch); will impact sensitive species areas east of DTC Boulevard and north of I-225; and the loop