

- 1. Level 1 Evaluation Matrix
- 2. Level 2 Evaluation Matrix



Category								Increase Safety						Accommodate Increased Travel and Freight Demand						odal Conne	ctions	Action	
Performance Measures							Potential to improve safety								modate pi eight dema		avel and			se and not dal mobility		ACTION	
	Location	General Purpose Lanes	To Build	Specialty Lane	Shoulder	Bike/Peds	Crash Frequency	Crash Severity	Ped/Bike Safety	Roadway Geometry	Truck/Oversize <	Freight Safety	Congestion X	Corridor Capacity	Travel Times	Travel Reliability	Quality of Traffic	Local and Regional	Transit <	Bicycle Connectivity $\stackrel{\prec}{\geq}$	Pedestrian Crossings ^{<}	Carried Forward Retained as Element Eliminated	Notes
	EXCLUDED AREA: CO 119 to immediately wes	st of 71st Street - A		be considered by CO 119 teams																			
Count			No Build	-	8'	Shoulder	N	N	N	N	N	N	N	N	N	N	N	N Y	N	N	N	Carried Forward	Assumes parallel bike and transit facilities (bike lanes at
: to (•	10'	Bikes on shoulder	Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Carried Forward	intersections and bikes on shoulders.)
1st St ad				Peak Period Shoulder Lane	12'	Multi-Use Path	Y	Y	Y	Y	Y	Y	Υ	Υ	Υ	Υ	Y	Y	Y	Y	Y	Carried Forward	
t of 7.	West of 71st St. to County Line Road	2-Lanes	Typical	Alternating Passing Lane	10'	Multi-Use Path	N	Y	Y	N	N	N	Υ	N	N	N	N	Υ	Y	Y	Y	Eliminated	Configuration does not accommodate access or traffic needs along the segment.
West	·			Reversible Lane	10'	Multi-Use Path	N	N	Y	N	N	N	Υ	Y	Υ	Y	N	Υ	Υ	Y	Υ	Eliminated	Configuration does not accommodate access or traffic needs along the segment.
egment 1 - West of 71st St. to County Line Road				2 HOV/Managed Lanes	10'	Multi-Use Path	Υ	Υ	Y	Y	Y	Y	Υ	Υ	Y	Y	Y	Y	Y	Y	Y	Carried Forward	
Segi		4-Lanes	Typical	-	10'	Bikes on shoulder	Υ	Y	Υ	Y	Υ	Y	Υ	Υ	Υ	Υ	Y	Υ	Y	Υ	Y	Carried Forward	Assumes parallel bike and transit facilities (bike lanes at intersections and bikes on shoulders.)
	CO Line Rd. to WCR 7		No Build	-	8-10'	Shoulder	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Carried Forward	
		2-Lanes	Typical	-	10'		Y	Y	Y	Y	Y	Y	N	N	N	N	N	Y	N	N	Y	Carried Forward	
			Typical	2 HOV/Managed Lanes	10'		Υ	Y	Υ	Y	Υ	Υ	Υ	Υ	Υ	Y	Y	Υ	N	N	Υ	Eliminated	Demand for HOV/Managed Lane would not be sufficient
		4-Lanes	Typical		10'	Bikes on shoulder		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Carried Forward Carried Forward	Median/Turn Lane type to be evaluated at Level 2. Does not have the potential to improve Bicycle Connectivity because the existing shoulder is the same width (10') as needed to accommodate bikes on shoulders.
			No Build	-	8-10'	Shoulder	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Carried Forward	
		2-Lanes	Typical	-	10'	Bikes on shoulder	Υ	Y	Y	Y	Υ	Υ	N	N	N	N	N	Υ	N	N	Y	Carried Forward	
19			Турісис	2 HOV/Managed Lanes	10'	Multi-Use Path	Υ	Y	Υ	Y	Y	Y	Υ	Υ	Υ	Υ	Y	Y	N	N	Y	Eliminated	Demand for HOV/Managed Lane would not be sufficient
ie Road to WCR 19	WCR 7 to SB I-25 Frontage Road	4-Lanes	Typical	-	10'	Bikes on shoulder	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Carried Forward Carried Forward	Median/Turn Lane type to be evaluated at Level 2. Does not have the potential to improve Bicycle Connectivity because the existing shoulder is the same width (10') as needed to accommodate bikes on shoulders.
- County Line					Urban	Peds on sidewalk, bike lanes	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Carried Forward	Does not have the potential to improve Bicycle Connectivity because the existing shoulders 10' in width which already accommodates bikes.
Segment 2 - Count		6-Lanes	Typical	-	Urban	Peds on sidewalk, bike lanes																Carried Forward	Does not have the potential to improve Bicycle Connectivity because the existing shoulders 10' in width which already accommodates bikes.
	EXCLUDED AREA: I-25 between southbound	N	N	N	N	NI.	N	N	NI	N	N	N	N	N	N	N	Carried Forward						
	Northbound I-25 Frontage Rd to MP 15	2-Lanes 4-Lanes	No Build Typical		8-10' Urban	Shoulder Peds on sidewalk,	N Y	Y	N Y	N Y	N Y	Y	N Y	N Y	N Y	Y	N Y	N Y	N Y	Y	N Y	Carried Forward Carried Forward	
	(Fredrick/Dacono)	6-Lanes	Typical		Urban	bike lanes Peds on sidewalk,	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Carried Forward	
		2 23,700	No Build	-	8-10'	bike lanes Shoulder	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Carried Forward	
	MP 15 - WCR 19	2-Lanes	Typical	2 HOV/Managed Lanes	10'		Υ	Y	Υ	Y	Y	Y	Y	Υ	Y	Υ	Y	Y	N	N	Y	Eliminated	Demand for HOV/Managed Lane would not be sufficient
	MP 15 - WCR 19 (Reverse Curves)	4-Lanes	Typical		10'	Bikes on shoulder	Υ	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Carried Forward Carried Forward Carried Forward	Median/Turn Lane type to be evaluated at Level 2. Does not have the potential to improve Bicycle Connectivity because the existing shoulder is the same width (10') as needed to accommodate bikes on shoulders.

Category								Increase Safety Accon								Accommodate Increased Travel and Freight Demand					ections	Action	
Performance Measures								Po Y/N	tential to i	mprove s	afety Y/N	Y/N	Potentia Y/N	l to accom fre	modate pr eight dema Y/N		ravel and Y/N		to increas multimod Y/N			Action	
	Location	General Purpose Lanes	To Build	Specialty Lane	Shoulder	Bike/Peds	ih Frequency	Crash Severity	//Bike Safety	way Geometry	Truck/Oversize	eight Safety	Congestion	idor Capacity	avel Times	rel Reliability	Quality of Traffic Operations	ocal and Regional	Transit Opportunities	e Connectivity	trian Crossings	Carried Forward Retained as Element Eliminated	Notes
							Crash	Ü	Ped	Road	Tra	Fre	O	Corr	=	Trav	Qual	Local	в	sicycl	edes		
			No Build	-	6-8'	Bikes on shoulder	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Carried Forward	
				-	10'	Bikes on shoulder	Υ	Y	Y	Y	Y	Υ	N	N	N	N	N	N	N	Υ	Y	Eliminated	Minimal benefit to safety over No Build option.
					10'	Bikes on shoulder	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	Eliminated	Precluding passing reduces operational performance; limited safety benefit over No Build option.
31	WCR 19 to US 85 SB Ramps	2-Lanes	Typical	Peak Period Shoulder Lane	12'	None	Υ	Y	Y	Y	Y	Y	Υ	Y	Y	Y	Y	Y	N	N	N	Eliminated	Precluding passing reduces operational performance; limited safety benefit over No Build option.
WCR 3	WCK 13 to 03 83 38 values			Alternating Passing Lane	10'	Bikes on shoulder	Υ	Υ	Y	Υ	Υ	Υ	Υ	N	Υ	Υ	Υ	Υ	Υ	Υ	Y	Carried Forward	
WCR 19 to M				Reversible Lane	10'	Bikes on shoulder	N	N	N	N	N	N	Υ	Υ	Υ	Υ	N	Υ	Υ	Y	Y	Eliminated	Configuration does not accommodate access or traffic needs along the segment.
VCR				-	10'	Bikes on shoulder	N	N	Υ	Y	N	N	Υ	Y	Υ	Υ	N	Υ	N	Υ	Y	Eliminated	Due to density of access points an alternative without median is eliminated for safety.
'n		4-Lanes	Typical	-	10'	Bikes on shoulder	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	N	Υ	Υ	Carried Forward	
nent	EXCLUDED AREA: North and southbound US	95 ramps Project	toam to make co	prider recommendations for CO	10'	Bikes on shoulder	Y do for the (Y CO 52/US	Y Y	Y	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	N	Υ	Υ	Carried Forward	
Segr	EXCEUDED AREA. NOITH and southbound of	s 65 ramps. Project	No Build	of recommendations for Co	Urban	None None	N N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Carried Forward	
		2-Lanes	Typical		Urban	10' Multi-Use Path (North Side), 5' Sidewalk (South Side)	N	N	Υ	N	N	N	N	N	N	N	N	Υ	N	Υ	Υ	Carried Forward	
	US 85 NB Ramps to WCR 31	4-Lanes	Typical		Urban	10' Multi-Use Path (North Side), 5' Sidewalk (South Side)	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Y	Y	Υ	Υ	Υ	Υ	Υ	Υ	Carried Forward	
	(Ft. Lupton)	Bypass			Bypass	Sidewalk (South Side)	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	Y	Y	Eliminated	Evaluation was filled out by route perspective (SH 52), some outcomes may vary if evaluated at regional level. (per the City of Ft. Lupton concern for economic vitality with a bypass)
		2-Lanes	No Build	-	2'	None	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Carried Forward	
			Typical	-	10'	Bikes on shoulder	Υ	Υ	Y	Υ	Y	Υ	N	N	N	N	N	N	N	Υ	Υ	Eliminated	Minimal benefit to safety over No Build option.
49			Typical	-	10'	Bikes on shoulder	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	Eliminated	Precluding passing reduces operational performance; limited safety benefit over No Build option.
WCR,			Typical	Peak Period Shoulder Lane	12'	None	Υ	Y	Y	Y	Υ	Y	Y	Y	Y	Y	Y	Υ	N	N	N	Eliminated	Precluding passing reduces operational performance; limited safety benefit over No Build option.
\$			Typical	Alternating Passing Lane	10'	Bikes on shoulder	Υ	Υ	Y	Y	Υ	Υ	Υ	N	Y	Υ	Υ	Υ	Y	Υ	Y	Carried Forward	
.R 31			Typical	Reversible Lane	10'	Bikes on shoulder	N	N	N	N	N	N	Υ	Y	Υ	Υ	N	Υ	Υ	Y	Y	Eliminated	Configuration does not accommodate access or traffic needs along the segment.
- WCR		4-Lanes	Typical	-	10'	Bikes on shoulder	Υ	Υ	Υ	Y	Υ	Υ	Υ	Y	Υ	Υ	Υ	Υ	Υ	Υ	Y	Carried Forward	
nt 4	EXCLUDED AREA: I-76 from WCR 43 to Dahl	lia St. Interchange c		20/2021.	2.40			N.		N.				N.					N		N	Control Engage	
Segment		2-Lanes	No Build Typical	-	2-10' 10'	None Bikes on shoulder	N Y	N Y	N Y	N Y	N Y	N Y	N Y	N Y	N Y	N N	N Y	N Y	N Y	N Y	N Y	Carried Forward Carried Forward	
Se	Dahlia St. to WCR 49	4-Lanes	Typical		10'	Bikes on shoulder	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Carried Forward	
	(Hudson)	2-Lanes	Typical	-	N/A	Peds on sidewalk, bike lanes	Υ	Υ	Y	Υ	Υ	Υ	Υ	Y	Υ	N	Υ	Υ	Υ	Υ	Υ	Carried Forward	
		2-Lanes	Typical	-	N/A	Peds on sidewalk,	Υ	Υ	Υ	Υ	Y	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Carried Forward	
Segment 5 -	Full Segment 5	2-Lanes	No Build		08.	bike lanes None	N	N	N	N	N	N	Υ	Y	Y	Υ	Y	N	N	N	N	Carried Forward	
Segm	WCR 49	2-Lanes	Typical	-	10'	Bikes on shoulder	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Carried Forward	
		Element Element		al Intersection I	<u> </u>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		To be further analyzed in Level 2	
	Intersection Type			Non-Traditional Intersection Improvements Grade Separated Interchange			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		To be further analyzed in Level 2 To be further analyzed in Level 2
				Grade	Roundabout		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Retained as an Element	To be further analyzed in Level 2
					ansit Accommod		N	N	N	N	N	N	N	Y	N	Υ	N	Υ	Y	Υ	Y		To be further analyzed in Level 2
						e Traffic Management)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	N		To be further analyzed in Level 2
	Other Elements		Element		Wildlife Crossii Multi-Use Pat		Y	Y	N Y	N Y	N Y	N Y	N	N	N	N	N	N Y	N	N	N		To be further analyzed in Level 2
	Other Elements		Element Element	Enhance	d Bike/Pedestri		Y N	Y N	Y	Y	N N	N	N N	N N	N N	N N	N N	Y	Y N	Y	Y	Retained as an Element Retained as an Element	To be further analyzed in Level 2 To be further analyzed in Level 2
			Element		fic Signal Optin		N	N	N	N	N	N	Y	Y	Y	Y	Y	N N	N	N	N		To be further analyzed in Level 2
			Element	Travel Demand Management (TDM)				N	N	N	N	N	Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ	N	Retained as an Element	To be further analyzed in Level 2



Category Performance Measures	Reduce Meets Design Standards vehicle/pedestrian conflict. Conflict.	Increase Safety duction potential for bicycle/vehicle crashes Reduce frequency and severity of crashes.	Incorporates bicycle design standards and guidelines		late Increased Travel and Freight Demand Increase Reliability Decrease Travel time by minutes	Decrease Delay Improve N/5 pedestrian and bicycle travel connections	Support Multimodal Connections Improve continuity for E/W bicycle and/or pedestrian travel	s Bicycle Level of Service Accommodates potential fu options	Consider the Natural and Built Environ Uniture transit Identification of critical resources impacted based on footprints. No quantitative impact will be done.	Qualitating measurement of context condition	Identify Estimated ROW New Complexity of acquisition based on impacts to primary structures and/or land use type	I echnology Accommodate present and future Action implementation of emerging, existing and	
Location Lanes To Build Shoulder Median/Turn Bike/Peds	No Exceptions/Variances Subs 1 Exception/Variance Mod Model No Company No Com	ibstantial koderate o Change Worsens	Exceeds Minimum Meets Minimum Does Not Meet Minimum	Improves Substantial Moderate Neutral No Change Limits Worsens	Mode .	stantial Substantial derate Moderate Change Minor rsens No Change		Major Substantial Moderate Y/N Minor No Change	Number of critical resources present that will impact schedule, Resources identified bu no impacts to schedule anticipated, No Critical Resources identified	t High Good (closely aligned) t Medium Fair (some variations between alternatives) Low Poor (significant variations)	High Medium Low	\$\$\$ (i.e. industrial) \$\$ (i.e. agricultural) \$\$ (i.e. agricultural) \$\$	
EXCLUDED AREA: CO 119 to immediately west of 71st Street - Alternatives will be considered by CO 119 teams 2 Lanes No Build 8 At Intersections Shoulder	No Exceptions/Variances Worsens No Change	No Change Worsens	Exceeds Minimum (Shoulder is wider than minimum requirement)	worsens	Worsens Worsens 8) (PTI 2.73 to PTI 2.98) (TT 13.4 to TT 16.1)		No Change	No Change Yes, can accommodate	buses No Change	No Change BOULDER COUNTY Fair: 2 lanes align with TMP; have safety concerns based on crash directuding roadway, lane departures and a pedestrian fatality.		None N Not Recommended	
Typical 10 At Intersections Bikes on shoulder	Moderate No Exceptions/Variances (Consistent 10' Shoulder) No Change - Because speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, bike lane/shoulder width, bike lane blockage).	s Crash Modification Factor (CMF) Clearinghouse study, widening a (Consistent 10 Shoulder and Intersection Improvements)	Exceeds Minimum (Shoulder is wider than minimum requirement)	(Better cross-section for turns) w/4-Lanes e/o US28	Moderate Moderate (PTI 2.98 to PTI 2.65) (TT 16.1 to TT 14.1) (TW4-Lanes e/o US287 W/4-Lanes e/o US287 Worsens Moderate (T) (PTI 2.98 to PTI 3.18) (TTI 6.1 to TT 14.3)	w/4-Lanes e/o US287 shoulders by 2-4' would result in a nominal change to N-S connections within this segment; how	the Minor - Additional width for hicyclists would improve hicyclist	ange - BLOS is B or better. 25 mph speed limit, 8 ft shoulder, Yes, can accommodate 12000 AADT west of US 287	Historic - three officially eligible or listed on the SRIP (CO 52, Colorado and Southern Railroad, and Hycre Farm). Recreation (Monarch Park, Niwot Loop Trail, and Boulder County Owned Open Space). Traffic Nois 9 office with outdoor seating located near CO 119, rural hopes concentrated between N 79th Street and N 95th Street, Parks and Trails concentrated between N 71st Street and N 95th Street, Equestrian area between N 107th Street and CR1.	e Safety, along with providing space for breakdowns or emergency response on the should Bo not desire to have two way left turn lang all the way down the corridor when there a	ers. Low	5ε - Primarily agricultural and γ Recommended open space	
2 Lanes Option 12' -	No Exceptions/Variances No Change Moderate - Per a FHWAS CI shoulder from	s Crash Modification Factor (CMF) Clearinghouse study, widening a from 8 to 12 ft yields a CMF of 0.76 and CRF of 24s	Exceeds Minimum (Shoulder is wider than minimum requirement)	Neutral Slightly better cross-section for turns with wider shoulders)		Moderate - See above	Minor - Additional width for bicyclists would improve bicyclist Ex. Conditions 4% HV	ange - BLOS is B or better. 55 mph speed limit, 8 ft shoulder, Yes, can accommodate 12000 AADT west of US 287 ange - BLOS is B or better.	buses	BOULDER COUNTY Fair: 2 lanes align with TMP and 10' shoulders may help with bike- High safety, along with providing space for breakdowns or emergency response on the should Do not desire to have two-way left turn lane all the way down the corridor when there a cross streets nor future planned development. The left turns should only be where need	ers. Low e no ed.	Carried Forward	
Option - Rumble Strips	No Exceptions/Variances No Change Moderate - Per a FHWAS CI. shoulder from	s Crash Modification Factor (CMF) Clearinghouse study, widening a from 8 to 10 ft yields a CMF of 0.87 and CRF of 13%	Exceeds Minimum (Shoulder is wider than minimum requirement)	Neutral Slightly better cross-section for turns with wider shoulders)		Moderate - See above	Moderate - Additional width for bicyclists and shoulder rumble strips would improve bicyclist comfort and safety and reduce Ex. Conditions		buses Historic - three officially eligible or listed on the SRHP (CO 52, Colorado and Southern Railroad, and	BOULDER COUNTY Cood: We have a Vision Zero policy and goals supports Rumble Strips and they sho located in a way to not create safety issues for people riding biles. The country does not desire to have way left rum lanes all the way along the corridor, only where needed. There are not many intersection no new planned development.	two- Low	Carried Forward	
9 2 Lanes Typical 12 At Intersections Multi-Use Path West of 71st St. to County Line (+ PPSL) Road	Substantial Substantial - The most desirable bicycling score, LTS 1, No Exceptions/Variances (Multi-Use Path Limits applies to multi-use paths that are separated from motorized Exposure) traffic.	n off-street facility would eliminate conflicts between vehicles and (Shoulder unavailable fored emergency maneuvers in peak direction, but will benefit off-peak direction/periods)	Meets Minimum (assume 10' multiuse path)	Improves Substantial (TTI 1.98 to TTI 1.60	Moderate Substantial 0) (PTI 2.98 to PTI 2.69) (TT 16.1 to TT 13.1)	Substantial - A multi-use path would provide a substantial improvement to connectivity bet 119, the LOBO trail, and 95th St. The proposed TWLTL provides width for treatments such a medians and median refuges at intersections for left-turning bicycles.	Substantial - A multi-use path would substantially improve E- Major - Movin W connections through this segment.	bikes from shoulder onto separate path Yes, can accommodate buses, all pass slow moving buses, and prov and final mile connect	tow vehicles to lides better first livity Street and N 95th Street, Parks and Trails concentrated between N 79th Street and N 95th Street, Equestrian area between N 107th Street and CR1.	BOULDER COUNTY Fair. The TMP calls for a regular the section and during the meeting with impacts from multiuse path. BOULDER COUNTY Fair. The TMP calls for a regular they support this type caparation. Perhaps a phase approach would be appropriate or perhaps straight to multi-use path. This will need further analysis want to keep the option open. TMP does not show PPSL on this corridor. Left turn lanes should only be intersections, where needed, and not the entire stretch of the corridor.	d Medium - Boulder County owns most of the land or owns : but a conservation easement on top of private parcels for	open space. See ROW Y Carried Forward	
₹ 2 Lanes U CHOW/Managed Typical 10' HOV/Managed Lane Bikes on shoulder Lanes) U CHOW/Managed Lane Bikes on shoulder Lanes)	Moderate No Exceptions/Variances (Consistent 10 Shoulder) No Exceptions/Variances (Consistent 10 Shoulder) No Exceptions/Variances (Consistent 10 does not change regardless of other criteria (street width, bike lane blockage).	s Crash Modification Factor (CMF) Clearinghouse study, widening a Moderate from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent 10 Shoulder)	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves Moderate (Wider cross-section for turns, allows some passing) (TTI 1.98 to TTI 1.71	Worsens Substantial 1) (PTI 2.98 to PTI 3.94) (TT 16.1 to TT 13.6)	Moderate - A multi-use path would improve connectivity between SH 119, the LOBO trail, an Substantial however, the proposed 4-lane cross-section would increase bicycle-vehicle conflicts and add c to crossings.	95th St; Substantial - A multi-use path would substantially improve E- Major - Movin W connections through this segment.	bikes from shoulder onto separate Pass slow moving buses, and prov path and final mile connect	Historic - three officially eligible or listed on the SRHP (CO 52, Colorado and Southern Railroad, and Hycrest Farm). Recreation (Monarch Park, Niwot Loop Trail, and Boulder County Owned Open Space). Ides better first ides better first in the County of the County	Medium - wider footprint although the County appears to support managed lanes. Change would not alter surrounding land uses. BOULDER COUNTY Poor: TMP does not show HOV lanes on this corridor. Bikes on shoulde multi-use path warrants additional analysis.	r vs. Medium - Boulder County owns most of the land or owns S a conservation easement on top of private parcels for almost the entire corridor	Sr - Primarily agricultural and open space. See ROW Y Eliminate complexity.	Decreases reliability. Does not have local support. Introduces safety concerns. Would require substantial ITS investment.
Typical 10' Two-Way Left Turn Bikes on shoulder	Moderate No Exceptions/Variances (Consistent 10' Shoulder) No Change - Because speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph, LTS = 4 and Moderate - Per a FHWAS CI does not change regardless of other criteria (street width, bike lane/shoulder width, bike lane blockage).	s Crash Modification Factor (CMF) Clearinghouse study, widening a Moderate from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent 10 Shoulder)	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves Substantial (Wider cross-section for turns, allows passing) (TTI 1.98 to TTI 1.46	Substantial Substantial 6) (PTI 2.98 to PTI 2.11) (TT 16.1 to TT 11.6)	Minor - SH 119, the LOBO trail and 95th St are DRCOG Regional Active Transportation Corrid existing 8' shoulders on Co 52 would provide a connection between these facilities and wide shoulders by 2-4 would result in a nominal change to N-5 connections within this segment proposed four lane cross-section results in higher potential vehicle-bicycle conflicts than a t cross section, but the provision of TWLTLs provide width for treatments such as raised media median refuges at intersections for left-turning bicycles.	ng the Minor - Additional width for bicyclists would improve bicyclist - Comfort and safety - Comfort and safety	ange - BLOS is B or better. 55 mph speed limit, 8 ft shoulder, Ves, can accommodate buses and in 12000 AADT west of US 287 pass slow buses	Historic - three officially eligible or listed on the SRHP (CO 52, Colorado and Southern Railroad, and Hycrest Farm). Recreation (Monarch Park, Niwot Loop Trail, and Boulder County Owned Open Space). Traffic Noise 9 office with outdoor seating located near CO 119, rural hopes concentrated between N 79th Street and N 95th Street, Parks and Trails concentrated between N 71st Street and N 95th Street, Equestrian area between N 10th Street and CR1.	supports 4 lanes at intersections and is opposed to 4-lanes (general purpose) elsewhere, Presence of Boulder County BOULDER COUNTY Poor: TMP shows regional multi-use trail and has language against ad	ding High - Boulder County owns most of the land or owns a S conservation easement on top of private parcels for almost the entire corridor	open space. See ROW Y Not Recommended	Is not in line with local agency plans. Has significant transportation and mobility benefits.
4 Lanes Option 12 -		s Crash Modification Factor (CMF) Clearinghouse study, widening a from 8 to 12 ft yields a CMF of 0.76 and CRF of 24%	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves (Wider cross-section for turns, allows passing)		Minor - See above.	Minor - Additional width for bicyclists would improve bicyclist Ex. Conditions	ange - BLOS is 8 or better. 55 mph speed limit, 8 ft shoulder, Yes, can accommodate buses and a pass slow buses 12000 AADT west of US 287 pass slow buses	allow vehicles to	BOULDER COUNTY POOR: From the County's TMP: "no new lanes should be added between the intersections. Doing so would not actually increase vehicle capacity on the corridor"	- High	Not Recommended	
Option - Rumble Strips		s Crash Modification Factor (CMF) Clearinghouse study, widening a from 8 to 10 ft yields a CMF of 0.87 and CRF of 13%	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves (Wider cross-section for turns, allows passing)		Minor - See above.	Moderate - Additional width for bicyclists and shoulder rumble strips would improve bicyclist comfort and safety and reduce Ex. Conditions	ange - BLOS is 8 or better. 55 mph speed limit, 8 ft shoulder, 12000 AADT west of US 287 pass slow buses	allow vehicles to	BOULDER COUNTY POOR: From the County's TMP: "no new lanes should be added between the intersections. Doing so would not actually increase vehicle capacity on the corridor	. High	Not Recommended	
2 Lanes No Build 8-10' At Intersections Shoulder	No Exceptions/Variances Worsens No Change No Change - Because speed is the governing criteria for LTS Moderate No Change - Because speed is the governing criteria for LTS	No Change Worsens	Exceeds Minimum (Shoulder is wider than minimum requirement)	Limits Worsens (TTI 1.70 to TTI 3.53	Worsens Worsens 3) (PTI 3.54 to PTI 7.92) (TT 5.4 to TT 11.3) Worsens Worsens	Moderate - CO 52 between CO Line Rd and WCR 7 includes several proposed off-street and c		No Change Yes, can accommodate No Change - BLOS is B.	Historic - six officially eligible or listed on the SRHP (CO 52, South Platte Supply Canal Ditch, South Platte	No Change No Change DACKON Not win Dacon Plan EBIE Poor FREDBRICK Fair WELD COUNTY Good - This is a good interim condition for this location. Median lane, a blikeable shoulders will help improve safety. DACKON Not win Daccon Plan		None N Not Recommended S - Primarily agricultural and	
2 Lanes Typical 10' Two-Way Left Turn : Bikes on shoulder CO Line Rd. to WCR 7	No Exceptions/Variances No Exceptions/Variances	S dash mountation (Corr) Cleaning loops study, widening a mountative from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent 10 Shoulder)	Exceeds Minimum (Shoulder is wider than minimum requirement)		3) (PTI 3.54 to PTI 7.92) (TT 5.4 to TT 11.3)	segment; however, the provision or LWLLs would provise duth for treatment such as rase and medial nerfuges at intersections for left-turning bicycles from the minor side stree literacy. CO.53 hatupes CO.Lina Rd and WCR 7 includes reported of first see and no street.	medians shoulder shoulder	ons: 55 mph speed limit, 8-10 ft 6% HV, 19000 AADT near I-25 60 Change - BLOS is B.	buses segment). Parks and Recreation (Wetland Park). Traffic Noise (rural homes concentrated between CR 1 ar CR 5, Park and recreation area concentrated between CR 3 1/2 and CR 5) Historic - six officially eligible or listed on the SRHP (CO 52, South Platte Supply Canal Ditch, South Platte	FREDERICK Good - Increase in ped/bicycle options. Would rather see 4 lanes. WELD COUNTY Good - Our preference would be to maintain the two-way left turn lane.		open space Y Not Recommended	Traffic operations will worsen with expected growth in the area.
10' Two-Way Left Turn 4 Lanes Typical	No Exceptions/Variances (Constsent 10 Shoulder) No Exceptions/Variances (Constsent 10		Exceeds Minimum (Shoulder is wider than minimum requirement)	(Wider cross-section for turns, allows passing) w/4-Lanes e/o US28 Substantial (TTI 3.53 to TTI 1.83	W/4-Lanes e/o US287	w/4-Lanes e/o US287 Substantial proposed four lane cross-section results in higher potential vehicle-bicycle conflicts than a t cross-section, but the provision of TWLTLs provide width for treatments such as raised median refuges at intersections for left-turning bicycles from the minor side streets.	o-lane comfort and safety Ex. Condits	Yes, can accommodate buses and a pass slow buses 68 HV, 19000 AADT near I-25	allow vehicles to Supply Canal Segment, highway 52 segment, community ditch segment, and Cottonwood extension ditch segment). Parks and Recreation (Weldand Park). Tarlfic Noise (rural homes concentrated between CR 1 ar CR 5, Park and recreation area concentrated between CR 3 1/2 and CR 5)	in general, commercial establishments prefer options that an open miceiant. d help with access, but this will depend on the ultimate site plan FREDERICK Good - preferred option FREDERICK Good - preferred option	Low	S - Primarily agricultural and open space Y Recommended	
Ratsed Median	Moderate No Exceptions/Variances Moderate (Consistent 10' Shoulder) No Exceptions/Variances No Change - Because speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, shoulder from the following of the speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, shoulder from the following of the following regardless of the criteria for LTS for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, shoulder from the following regardless of the criteria for LTS for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, shoulder from the following regardless of the criteria (street width, shoulder from the following regardless of the criteria (street width, shoulder from the following regardless of the criteria (street width, shoulder from the following regardless of the criteria (street width, shoulder from the following regardless of the criteria (street width, shoulder from the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (street width) and the following regardless of the criteria (stre	s Crash Modification Factor (CMF) Clearinghouse study, widening a Moderate from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent 10' Shoulder)	Exceeds Minimum (Shoulder is wider than minimum requirement)	(Wider cross-section for turns, allows passing) w/4-Lanes e/o US28 Substantial (TTI 3.53 to TTI 1.83	3) (PTI 7.92 to PTI 4.46) (TT 11.3 to TT 5.9)	Substantial facilities. The existing 8' shoulders on C 0.52 would provide a connection between these facilities. W.4-Lanes e/o U5287 Substantial cross section, between the special proposed four lane cross-section results in higher potential whick-bicycle conflicts than a torsos section, but the provision of TWLTs provide width for treatments such as raised median refuges at intersections for left-turning bicycles from the minor side streets.	ies and Minor - Additional width for bicyclists would improve bicyclist bolane comfort and safety Ex. Condit shoulder	to Change - BLOS is B. Yes, can accommodate buses and pass slow buses Why, 19000 AADT near I-25	Historic - six officially eligible or listed on the SRHP (CO 52, South Platte Supply Canal Ditch, South Platte Supply Canal Ditch, South Platte Supply Canal Segment, highway 52 segment, community ditch segment, and Cottonwood extension ditch segment). Parks and Recreation (Weldand Park). Traffic Noise (rural homes concentrated between CR 1 and CR 5, Park and recreation area concentrated between CR 3 1/2 and CR 5)	Medium - in general, commercial establishments don't always like medians and prefer options that help with access, but this will depend on the ultimate site plan WELD COUNTY Fair - A raised median is not as desirable as an open median. DACONO Not wirln Daccoro Plan ERIE Good. FREDERICK Fair -Raised median offers ped refuge for north/south travel where option of not currently exist.	LOW	S - Primarily agricultural and open space Carried Forward	
2 Lanes No Build 8-10' At Intersections Shoulder	No Exceptions/Variances Worsens No Change Moderate No Change - Because speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph, LTS - 4 and Moderate - Per a FHWAS Cr	No Change Worsens s Crash Modification Factor (CMF) Clearinghouse study, widening a Moderate	Exceeds Minimum (Shoulder is wider than minimum requirement)		0) Worsens Worsens 0) (PTI 1.34 to PTI 6.34) (TT 0.5 to TT 0.9) Worsens Worsens	No Change . There are no mator existing /proposed N.S. hirurs far-littles along this segment H	t would. Minor - Additional width for hicyclists would improve hicyclist. Ex. Conditions	No Change Yes, can accommodate unge - BLOS is B and better. 40 mph speed limit east of Glacier		No Change WELD COUNTY IN Comment DACON Oke w/in Dacono Plan FREDRICK. Fair FREDRICK To Commercial development. This segment of corridor among the fastest growing residential areas. WELD COUNTY Good - This is the preferred interim condition. DACON Oke w/in Dacono Plan FREDRICK Fair - area identified for commercial development with desire for increased ingress optic	Low		
	No Exceptions/Variances (Consistent 10 Shoulder) Shoulder) Obes not change regardless of other criteria (street width, bike lane/shoulder width, bike lane blockage). No Change - Because speed is the governing criteria for LTS		Exceeds Minimum (Shoulder is wider than minimum requirement)							Developing area with increasing details with require administration capacity. High - area slated for future commercial and is fast growing. WELD COUNTY Good - preferred alignment at this location.	Medium - Potential impact to commercial property \$	r - Commercial and residential Y Not Recommended	
	No Exceptions/Variances No Change for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, bike lane/shoulder width, bike lane blockage), Moderate No Change - Because speed is the governing criteria for LTS	Moderate Moderate (Consistent 10 Shoulder) S Crash Modification Factor (CMF) Clearinshouse study, widening a Moderate	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves	No Change Substantial (PTI 6.34 to PTI 6.17) (TT 0.9 to TT 0.5) No Change Substantial		Minor - Additional width for bicyclists would improve bicyclist comfort and safety No c No c No c No c No c Ex. Conditions:	No Change pass slow buses hange - BLOS is B and better.	Allow vehicles to Historic - two officially eligible or listed on the SRHP (CO 52 and Highway 52 Segment) Traffic Noise (restaurant with outdoor seating and rural homes clustered around CR 7)	might area stated for future commercial and is fast growing. In general, commercial developments at this location. BACKON lock win Daccine Plan WELD COUNTY Fair - A raise direction storate and editional travel lanes for capacity WELD COUNTY Fair - A raise direction storate and editional travel lanes for capacity WELD COUNTY Fair - A raise direction storate and editional travel lanes for capacity WELD COUNTY Fair - A raise and ending is not as definable as an open median. BACKON lock win Daccine Plan FREDERICK Fair option. Like raised median aeatherics but do not want to make it difficult for commercial events and the plan FREDERICK Fair option. Like raised median aeatherics but do not want to make it difficult for commercial events.			
WCR 7 to SB I-25 Frontage Road Raised Median 4 Lanes Typical 50 X	hicycle lanes vields a CME	from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent 10 Shoulder) A Crash Modification Factor (CMF) Clearinghouse study, installing MF of 0.51 and CFASh Reduction Factor of 49% for vehicle/blcycle	Exceeds Minimum (Shoulder is wider than minimum requirement)	(Wider cross-section for turns, allows Substantial (TII 2.20 to TTI 1.24)	No Change Substantial (PII 6.34 to PII 6.17) (TT 0.9 to TT 0.5)	Substantial No Change - There are no major existing/proposed N-S bicycle facilities along this segment that would be co	and safety 6	ingin speed mitre east of utilized way and ves, can accommodate buses and it west of Glacier Way, 8-10 it shoulder, HH, 19000 AADT near i-25	nauric - vwo ufficially eligible or listed on the SRHP (CO 52 and Highway 52 Segment) Traffic Note (restaurant with outdoor seating and rural homes clustered around CR 7)	access.	Medium - Potential impact to commercial property 5	S - Commercial and residential Y Carried Forward	
S Urban 16' Median/12' Turn Peds on sidewalk, blike lanes	Moderate (Sidewalk and Median Refuge) No Exceptions/Variances Moderate (Sidewalk and Median Refuge) No Exceptions/Variances No Exceptions/Vari	10001	Meets Minimum*	Improves (Wider cross-section for turns, allows TTT 2.20 to TTI 1.24) passing)	No Change Substantial (PTI 6.34 to PTI 6.17) (TT 0.9 to TT 0.5)	Substantial No Change - There are no major existing/proposed N-5 bicycle facilities along this segment that would be co	ected by Substantial - Due to the provision of blike lanes M	Yes, can accommodate buses, allow ve jor - Dedicated bike lanes moving buses, and provides better fir connectivity	hicles to pass slow st and final mile Historic - two officially eligible or listed on the SRHP (CO 52 and Highway 22 Segment) Traffic Noise (restaurant with outdoor seating and rural homes clustered around CR 7)	WELD COUNTY Good DACANON Not win Dazono Plan High FREDERICK Good - Area Identified for commercial development with desire for increased ingress opt Developing quickly, increasing density in immediate area with adjacent residential would see need alternate modes of transportation.		5 - Commercial and residential Y Carried Forward	
6 Lanes Typical Urban 16 Median/12 Turn Peds on sidewalk, Lane bike lanes	Moderate No Exceptions/Variances (Sidewalk and Median Refuse). The Exercise speed is the governing criteria for LTS for roads yields a CMF of 0.51. (Sidewalk and Median With Speeds at originate than 40 mpk, LTS - 4 and does not change Refuse, but Longer regardless of other criteria screet width, bit lake inholder width, and 20 percent increase in average and 20 pe		Meets Minimum*		No Change Substantial (PTI 6.34 to PTI 6.17) (TT.0.9 to TT 0.5) w/4-Lanes e/o US287 w/4-Lanes e/o US287 Worsers Worsers (PTI 6.34 to PTI 1.11) (TT.0.9 to TT 1.1)	No Change - There are no major existing/proposed N-S bicycle facilities along this segment that would be co	sected by Substantial - Due to the provision of bike lanes M	Yes, can accommodate buses, allow vel jor - Dedicated bike lanes moving buses, and provides better fir connectivity	hicles to pass slow Historic - two officially eligible or listed on the SRHP (CO 52 and Highway 52 Segment) Traffic Noise (restaurant with outdoor seating and rural homes clustered around CR 7)	Medium - could potentially support future commercial mixed use development, but not supported in policy docs FREDERICK - Fair - the community supports bicycle connectivity and the proposed 6-lanes is concern	Medium - Potential impact to commercial property 5	5 - Commercial and residential Y Recommended	With expected growth in the area, may eventually need 6-lanes. Recommend preserving ROW for this alternative and utilizing 4-lane options in interim. If 6-lane moves into design, include bicycle connectivity into project.
EXCLUDED AREA: 1-25 between southbound frontage road to northbound frontage road. Make corridor recommendation up to fron 2 Lanes No Build 8-10' At Intersections Shoulder	ntage roads. Check the tie into I-25 recommendations. No Exceptions/Variances Worsens No Change Significant - Per a PHWA C	No Change Worsens A Crash Modification Factor (CMF) Clearinghouse study, installing	Exceeds Minimum (Shoulder is wider than minimum requirement)		Worsens Worsens 0) (PTI 1.75 to PTI 5.68) (TT 4.6 to TT 9.5)	Worsens No Change	No Change	No Change Yes, can accommodate	buses No Change	WELD COUNTY No Comment DACONO Poor No Change FREDERICK Center turn lane not provided at only intersections rather than access points in commen	ial Low	None N Not Recommended	
4 Lane Typical Urban 16 Median/12 Tum Peds on sidewalk, Lane bike lanes Northbound I-25 Frontage Rd to	Moderate No Exceptions/Variances (Sidewalk and Median Refuge) No Exceptions/Variances (Sidewalk and Median Refuge) No Change - Because speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph. LTS - 4 and does not change regardless of other criteria (street width, pike lane/shoulder width, bike lan	Alf of 0.51 and Crash Reduction Factor of 49% for vehicle/bicycle crashes. Moderate vas developed for bicycle lane addition resulting in reduced shoulder ercent increase in average daily bicycle traffic (ADBT). The base es, no shoulder, no median, and frue-lane turban collector or local es, no shoulder, no median, and frue-lane turban collector or local	Meets Minimum*	Substantial Improves (TTI 3.00 to TTI 1.86 (Wider cross-section for turns, allows passine) Silver Birch to WCR 1	Full Section Full Section Substantial Substantial Substantial Substantial Substantial Silver Birch to WCR 15 Silver Birch to WCR 15 Substantial Subs	Substantial Silver Birch to WCR 15 Supermicro - Louragoo lavo and the segment of LO 32 east of Louragoo lavo are bruches regiment of LO 32 east of Louragoo lavo are bruches regiment of LO 32 east of Louragoo lavo are bruches regiment of LO 32 east of Louragoo lavo are bruches regiment of LO 32 east of Louragoo lavo are bruches regiment of LO 32 east of Louragoo lavo are bruches. Transport after the LOURAGO lavo and the LOURAGO lavo are bruches regiment of LO 32 east of Louragoo lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The LOURAGO lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The Lourago lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The Lourago lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The Lourago lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The Lourago lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The Lourago lavo are bruches regiment of LO 32 east of Lourago lavo are bruches. The Lourago lavo are bruches regiment of LO 32 east o	LActive Urclists Substantial - Due to the provision of bike lanes Maj Dacono	Yes, can accommodate buses, allow ver or - Dedicated bike lanes moving buses, and provides better fir connectivity	hicies to pass slow Historic - five officially eligible or listed on the SRHP (CO 52, Lower Boulder Ditch/ South Platte Supply st and final mile Canal, Lower Boulder Ditch Segment, Nelson Farm, Union Pacific RR Dent Branch Segment). Traffic Noise (restaurants with outdoor seating and rural homes located in Dacono and Frederick	WELDO COUNTY Good - This is a good interim condition for this location. Median lane, and bikeab shoulders will help improve safety. High FREDERICK Good - Area identified for commercial development with desire for increased ingress opti Developing quickly, increasing density in immediate area who abscent residential would see need alternate modes of transportation.	High - Relatively low complexity of acquisition, except !	5\$ - Agricultural, commercial, and residential Recommended (Silver Birch)	
WCR 15	Significant - Per a PHWA C bicycle lanes yields a CMF	IA Crash Modification Factor (CMF) Clearinghouse study, installing WF of 0.51 and Crash Reduction Factor of 49% for vehicle/bicycle				Moderate - Colorado Rivd and the segment of CO 52 east of Colorado Rivd are DRCCG-Region	Active Velists	Yes, can accompositate hysses -alter	hicles to pass slow Historic - five officially eligible or listed on the SRHP (CO 52. Lower Bruider Direh/ Swith Plana Condu		High- Dalyston, Is	Recommended (Between N Frontage Road and Silver Bir	B I-25 With expected growth in the area, may eventually need 6-lanes, chonly) Becommend nessenties BOW for this alternative and utilities 4-lane
	No Exceptions/Variances Sidewalk and Median for roads with speeds at or greater than 40 mph, LTS + 4 and Refuge, but Longer does not change regardless of other criteria (street width, bike lane blockage). The condition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Per the study, this CMF was or lane width and 20 percondition was 11-ft lanes, Perc				th 1-25 FR to Silver Birch Substantial No Change (FTI 9.56 to FTI 4.13) (TT 1.3 to TT 1.3) Worsens Worsens	conflicts than a four-lane cross section.				Medium - could potentially support future commercial mixed use development, but not supported in policy docs WELD COUNTY Good - Our preference would be to maintain the two-way left turn open median. ACONG Good Good FREDERICK Fair - Commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desire for left turn movements at restricted access locations. Increase of the commercial area, desired access locations. Increase of the commercial area, desired access locations. Increase of the commercial area, desired access locations. Increase of the comm		and residential Not Recommended (Silver Birc 15)	ch only) With expected growth in the area, may eventually need 6-lanes. With expected growth in the area, may eventually nee
2 Lanes No Build 8-10' At Intersections Shoulder 2 Lanes Typical 10' 16' median Bikes on Shoulder		No Change Worsens	Exceeds Minimum (Shoulder is wider than minimum requirement)		Worsens Worsens (TT 2.7 to TT 2.9) Worsens (TT 2.7 to TT 2.9) Worsens Worsens (TT 2.9 to TT 3.6) (TT 2.9 to TT 3.6)		No Change	No Change Yes, can accommodate	buses No Change	No Change DACONO Dess about aligning with plans and more about safety in this section. Would defer to traffic safety engineers to adequately address safety. Bad weather, speed issues, etc. FREDERICK Fair - Necessary outside of s-curve! What is the required approach length inclusion for an		None N Not Recommended Not Recommended	Two lane alternative could include realignment and lower superelevation;
	Moderate No Exceptions/Variances (Consistent 10 Shoulder) No Change - Because speed is the governing criteria for LTS for roads with speeds at or greater than 40 mph, LTS = 4 and Moderate - Per a FHWAS Criteria (Street width, bits lane) blockage). No Change - Because speed is the governing criteria for LTS	s Crash Modification Factor (CMF) Clearinghouse study, widening a Substantial from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent Shoulder, Median, and Rumble Strips)	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves Worsens (Wider cross-section for turns, allows (TTI 1.20 to TTI 1.27 passing)	Worsens No Change 7) (PTI 1.47 to PTI 1.57) (TT 2.9 to TT 3.0)	No Change No Change - Shoulders of 8-10' width exist along this segment. Widening to a consistent wid would provide a nominal improvement.	of 10 Minor - Additional width/consistent shoulder width of 10 for bicyclists would improve bicyclist comfort and safety 10% H		allow vehicles to Historic - one officially eligible or listed on the SRHP (CO 52). Traffic Noise (rural homes located near CR 17 and CR 19)	Medium - realignment may have a larger impact on potential for property redevelopment for property red	of the roadway.		Must accommodate additional traffic over the No Build scenario.
4 Lanes Typical 10' 16' Median with Cable Rail	bike lane/shoulder width, bike lane blockage). No Change - Because speed is the governing criteria for LTS						of 10 Minor - Additional width/consistent shoulder width of 10 for bicyclists would improve bicyclist comfort and safety Ex. Condit shoulder	6% HV, 19000 AADT near I-25 lo Change - BLOS is B.		DACONO Less about aligning with plans and more about safety in this section. Would defer to traffic safety engineers to adequately address safety. Bad weather, speed issues, etc. FREDERICK fair - Necessary outside of scured? What is the required approach length inclusion for an such as this? WELD COUNTY Fair DACONO Less about aligning with plans and more about safety in this section. Would defer to traffic.	High- ROW may be a completated acquisition with a realignment 35 term of the roadway.		Must accommodate additional traffic over the No Build scenario. Small benefits that could come from depressed median do not outweigh
Depressed Median 2 Lanes No Build 6-8' At Intersections Bikes on shoulder	No Exceptions/Variances (Consistent 10 Shoulder) for roads with speeds at or greater than 40 mph, LTS + 4 and Moderate - Per a FHWAs Cr does not change regardless of other criteria (street width, bike lane blockage).	s Crash Modification Factor (CMF) Clearinghouse study, widening a Substantial from 8 to 10 ft yields a CMF of 0.87 and CRF of 13% (Consistent Shoulder and Median Separation) No Change Worsens	Exceeds Minimum (Shoulder is wider than minimum requirement) Exceeds Minimum (Shoulder is wider than minimum requirement)	passing)	7) Worsens No Change (TT 1.47 to PTI 1.57) (TT 2.9 to TT 3.0) Worsens Worsens 8) (PTI 1.23 to PTI 2.50) (TT 3.3 to TT 4.1)		of 10	ons: 55 mph speed limit, 8-10 ft 6% HV, 19000 AADT near I-25 No Change Yes, can accommodate buses and in pass slow buses Yes, can accommodate		Medium - realignment may have a larger impact on potential for property redevelopment Model uses about aligning with plans and more about stept in this section. Would defer to traffic safety, engineers to adequately address safety. Bed weather, saed essues, extra safety are property in the section. Would defer to traffic safety engineers to adequately address safety. Bed with safety	riign- KUW may be a complicated acquisition with a realignment . So of the roadway.	5 - Agricultural, but large takes may Y Not Recommended equire full takes based on impact Y Not Recommended None N Not Recommended	the additional impact to adjacent properties. Would also not match character of the remainder of the corridor.
2Lanes (+1 Alternating Typical 10' - Bikes on shoulder Passing Lane)	No Exceptions / Variances Ponding No Change shoulder from 6 to 10 ft	s Crash Modification Factor (CMF) Clearinghouse study, widening a 0 ft yields a CMF of 0.76 and Crash Reduction Factor of 24% for Widening a shoulder from 8 to 10 ft yields a CMF of 0.87 and CRF of provides passing opportunities 13%	Exceeds Minimum (Shoulder is wider than minimum requirement)	Neutral No Change' Slightly better cross-section for turns, (TTI 1.33 to TTI 1.3C allows some passing)	Substantial* No Change* 0) (PTI 2.23 to PTI 1.72) (TT 3.9 to TT 3.8)	Moderate - WCR 13, WCR 23, and CO 52 between 13 and 23 are all DRCOG Regional Act No Change* Transportation Corridors. Widening existing shoulders on CO 52 would improve the connect bicyclists travelling N-5 between WCR 13 and WCR 23	BLOS Winor - Additional width for bicyclists would improve bicyclist Ex Conditions:	.05 would improve from BLOS D to C due to widened shoulder Yes, can accommodate , 12000 AADT near Dacono	Historic - one officially eligible or listed on the SRHP (CO 52). Recreation (Pearson Park). Traffic Noise (Rural homes concentrated between mile marker 17 and 20)	High - unlikely to impact whether area land uses stay the same or redevelop long term WELD COUNTY Fair - This would be an acceptable interim condition. Not optimal. FORT LUPTON Fair	Medium - Both Bratner and Lupton Bottom ditches run parallel to 2 and may need to be relocated.	S - Primarily agricultural Y Not Recommended	High level of impact to access points along segment not offset by operational improvements.
WCR 19 to US 85 SB Ramps 10' Level Median Bikes on shoulder	Moderate - Per a FHWAS C No Exceptions/Variances Moderate No Change shoulder from 6 to 10 ft vehicle/ bicycle crashes. Wid	s Crash Modification Factor (CMF) Clearinghouse study, widening a 0 ft yields a CMF of 0.75 and Crash Reduction Factor of 24% for Widening a shoulder from 8 to 10 ft yields a CMF of 0.87 and CRF of 13%	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves Substantial (Wider cross-section for turns, allows passing) (TTI 1.38 to TTI 1.13	Substantial Substantial 3) (PTI 2.50 to PTI 1.25) (TT 4.1 to TT 3.3)	Minor - WCR 13, WCR 23, and CO 52 between 13 and 23 are all DRCOG Regional Active Trans Substantial Substantial Substantial Substantial Substantial Substantial	rtation BLOS relling N Minor - Additional width for bicyclists would improve bicyclist	OS would improve from BLOS D to C due to widened shoulder 55 mph speed limit, 6-8 ft shoulder, Ves, can accommodate buses and 1, 12000 AADT near Dacono pass slow buses	allow vehicles to Historic - one officially eligible or listed on the SRHP (CO 52). Recreation (Pearson Park). Traffic Noise (Rural homes concentrated between mile marker 17 and 20)	High - unlikely to impact whether area land uses stay the same or redevelop long term FORT LUPTON Good - Would prefer separated bike lane from roadway	Medium - Both Bratner and Lupton Bottom ditches run parallel to 2 and may need to be relocated. Two relocation, I impact to non-primary structures, and close proximity of ROW to homes. Potential impact to nearby sporting complex.	\$\$ - Primarily agricultural Y Recommended	Must accommodate additional traffic over the No Build scenario.
G G G G G G G G G G G G G G G G G G G	Moderate - Per a FHWAS C. No Exception (Marianze Moderate Moderat	s Crash Modification Factor (CMF) Clearinghouse study, widening a Of ty leids a CMF of 0.76 and Crash Reduction Factor of 24% for Substantial - consistent 10' shoulder and full median Widening a shoulder from 8 to 10 ft yelds a CMF of 0.73 and CRF of : separation (removes opposite direction conflicts)	Exceeds Minimum (Shoulder is wider than minimum requirement)	Improves Substantial (Wider cross-section for turns, allows	Substantial Substantial 3	Minor - WCR 13, WCR 23, and CO 52 between 13 and 23 are all DRCOG Regional Active Trans Corridors. Widening existing shoulders on CO 52 would improve the connection for bicyclists to Substantial Substantial	rtation BLOS velling N. Minor - Additional width for bicyclists would improve bicyclist Ex Conditions:	.05 would improve from BLOS D to C due to widened shoulder 55 mph speed limit, 6-8 ft shoulder, Yes, can accommodate buses and d. 1,2000 ADIT can pass slow buses	allow vehicles to Historic - one officially eligible or listed on the SRHP (CO 52). Recreation (Pearson Park). Traffic Noise (Rural homes concentrated between mile marker 17 and 20)	High - unlikely to impact whether area land uses stay the same or redevelop long term FORT LUPTON Good - Would prefer separated bike lane from roadway	sporting complex. Medium - Both Bratner and Lupton Bottom ditches run parallel to 2 and may need to be relocated. Two relocation, 1 impact to non-primary structures, and close	\$\$ - Primarily agricultural Y Not Recommended	Depressed median not consistent with the remainder of the corridor. Additional impacts to access points not offset by potential benefits
EXCLUDED AREA: North and southbound US 85 ramps. Project team to make corridor recommendations for CO 52. There will not to take the commendation of the commendation	be any recommendations made for the CO 52/US 85 interchange.	widening a shoulder from a to 10 ft yields a CMF of 0.67 and CMF of 1 separation (removes opposite direction connects) 13% No Change Worsens	Does Not Meet Minimum (in travel lane with no shoulder)	, passering)	Worsens Worsens 9) (PT 2.75 to PT 10.61) (TT 5.6 to TT 16.4)	potential vehicle-blcycle conflicts than a two-lane cross section.	comfort and safety 10% H	No Change Yes, can accommodate	Nu di nunies concentraceu Decireen inne inai nei 17 ano 20)	Same of received pung term FOR LOFTON GOOD - WOULD prefer separated uniterane from receivery No Impact WELD COUNTY No Comment FORT LUPTON Poor	proximity of ROW to homes. Potential impact to nearby sporting complex. Low	None N Not Recommended	Additional impacts to access points for oriset by potential deletits
2 Lane Typical Urban Two-Way Left Turn (North Side), 5 US 85 NB Ramps to WCR 31 (Ft. Lupton) 10 Multi-Use Path Two-Way Left Turn (North Side) 5 Sidewalk (South Side)	No Exceptions/Variances (pending Moderate Substantial - The most desirable bicycling score, LTS 1, applies to multi-use paths that are separated from motorized bicycl	n off-street facility would eliminate conflicts between vehicles and Moderate: Fewer conflict points but potential for Med yclists, thereby reducing the crash potential. longer queues.	eets Minimum - Per CDOTs Roadway Design Guide, the minimum width of pavement for a two-directional shared use path is 10 feet.	Substantial (TTI 4.19 to TTI 2.48 (Better cross-section for turns) Note: Includes widening 85 interchange	Substantial Substantial (TT 16.4 to TT 9.6) at US Note: Includes widening at US Note: Includes widening at US Sinterchange 85 interchange	Substantial - A multi-use path under a 2-lane configuration would provide a substantial impro- local bicycle connectivity within the City of Ft. Lupton. TMLT provides width for treatment raised medians and median refuges at intersections for left-turning bicycles from the mind streets.	ment to such as Substantial - A multi-use provide would substantially improve side E-W connections through this segment. Major (movi		Historic - two officially eligible or listed on the SRHP (CO 52 and Denver Pacific Railroad/ Union Pacific provides better Railroad Segment). Traffic Noise (Rural homes from CR 20 to CR 23, including homes in Fort Lupton. Also included are places of worship, restaurants with outdoor seating, and parks, all located within Fort Lupton). Recreation (Pearson Park, Koshio Park, Community Center Park, and Railroad Park	WELD COUNTY Good High- (no change to land use and character) FORT LUPTON - Addresses lack of pedistrain facilities along this stretch. Just because this is a highw does this mean 12-feet lanes are required! 11-ft lanes would reduce speeds?	38y, Low	6 - Residential and commercial Y Carried Forward impacts	Anticipate significant queuing with this option. 4-lane preferred west of
10' Multi-Use Path 4 Lane Typical Urban Two-Way Left Turn (North Side), 5' Sidewalk (South Side)	No Exceptions/Variances (pending Section 106 coordination) Potentially Worsens (Pedestrians must cross additional lanes) Substantial - The most desirable bicycling score, LTS 1, applies to multi-use paths that are separated from motorized traffic. No Change - Because speed is the governing criteria for LTS	n off-street facility would eliminate conflicts between vehicles and Increases Conflict Points (which can be mitigated with measures such as protected lefts)	eets Minimum - Per CDOTs Roadway Design Guide, the minimum width of pavement for a two-directional shared use path is 10 feet.	passing) Note: Includes widening 85 interchange	2) Substantial Substantial (PT1 10.61 to PT1 3.29) (TT 16.4 to TT 6.6) at US Note: Includes widening at US Note: Includes widening at US Note: Includes widening at US 85 interchange	TWLTL provides width for treatments such as raised medians and median refuges at intersect left-turning bicycles from the minor side streets.	A four Substantial - A multi-use provide would substantially improve ction. Substantial - A multi-use provide would substantially improve Major (movi	Yes, can accommodate buses, all pass slow moving buses, and proving bu	tow vehicles to ldes better first Historic - two officially eligible or listed on the SRIP (CO 52 and Denver Pacific Railroad / Union Pacific Railroad Segment). Traffic Noise (Rural homes from CR 20 to CR 23, including homes in Fort Lupton. Also included are places of worship, restaurants with outdoor seating, and parks, all coated within Fort Lupton). Recreation (Pearson Park, Koshio Park, Community Center Park, and Railroad Park	High (4-lane section identified in multiple planning documents through Ft. Lupton) FORT LUPTON Good. There are narrow sections between Mckiney and Deriver that may not accommod this configuration conveniently. Some concer	date High - Potential impact to many property owners and see business accesses.	5 - Residential and commercial Y Recommended impacts	Better accommodates anticipated future traffic over 2-lane section.
2 Lanes No Build 2' At Intersections None	No Exceptions/Variances Worsens for roads with speeds at or greater than 40 mph, LTS - 4 and does not change regardless of other criteria (street width, bike lane/shoulder width, bike lane blockage). Substantial - PHWAs Crash	No Change Worsens ash Modification Factor (CMF) Clearinghouse includes a study that	Does Not Meet Minimum	Neutral	Worsens No Change (PTI 1.21 to PTI 1.28) (TT 6.2 to TT 6.5) No Change No Change		t would No Change Substantial - Majority of this segment does not include Major - Per Cheston Change - Per Chesto	the ADT LDW Coord Limit and	Missaile are officially alrights or listed on the CNUR (CC ST). Nifficial Load Item (Cn ail and are until)	No Impact WELD COUNTY No Comment FORT LUPTOR Far HUSSON Peor (riginficant variations) WELD COUNTY Fair	Low	None N Not Recommended	2 lane alternative wasn't included in Level 1, but once traffic modeling
2 Lanes Typical 10' At Intersections Bikes on shoulder WCR 31 to WCR 43 2 Lanes (1 Atternating Typical 10' - Bikes on shoulder	No Exceptions/Variances Moderate No Change states that widening a sho Fat Substantial - FHWAS Crash No Exceptions/Variances Moderate No Change states that widening a sho	shoulder from 2 to 10 ft yields a CMF of 0.58 and Crash Reduction Moderate Factor of 42% for vehicle/bicycle crashes. ash Modification Factor (CMF) Clearinghouse includes a study that shoulder from 2 to 10 ft yields a CMF of 0.58 and Crash Reduction Moderate		with wider shoulders) (TTI 1.14 to TTI 1.14 Neutral No Change* (TTI 1.14 to TTI 1.14 (TTI 1.14 to TTI 1.14	No Change No Change (TT 6.5 to TT 6.4) No Change* No Change* No Change* No Change* No Change* No Change*	No Change* No Change No Change* No Change	accommodate bikes where there were not previously accommodated and would be a substantial improvement. Substantial - This segment includes 2 gravel shoulders, which are not usable by bicyclists. Therefore, 10 paved shoulders	the ADT, HV%, Speed Limit, and along this segment result in a BLOS of B Major Yes, can accommodate	Traffic Noise (rural homes between CR 31 to CR41) Potential for 401permit and Colorado fill/dredge perm Historic - one officially eligible or listed on the SRHP (CO 52). Difficult Land Uses (20 oil and gas wells),	High FORT LUPTON Good - In the interim until build out in this area. Perfer separated bike lane from road HUDSON Fair (some variations between alternatives) WELD COUNTY Fair High FORT LUPTON Good - In the interim until build out in this area. Perfer separated bike lane from road		S - Primarily agricultural Y Recommended S - Primarily agricultural Y Not Recommended	was completed, found that a 2-lane build alternative was needed because intersection improvements offer benefits over No Build and there is not significant operational differences between 2-lane and 4-lane sections. High level of impact to access points along segment not offset by operational improvements.
passing lane) passing lane) 4 Lanes Typical 10 Two-Way Left Turn Bikes on shoulder EXCLUDED AREA: 1-76 from WCR 43 to Dahlia St. Interchange constructed in 2020/2021.	Fair	Factor of 42% for vehicle/bicyclec crashes. Substantial - See cell above Moderate			(TT 6.4 to TT 6.3) No Change No Change (FT 1.28 to FT 1.23) No Change No Change	No Change No Change	would accommodate bikes where there were not previously accommodated and would be a substantial improvement. Substantial - See cell O45		allow vehicles to Historic - one officially eligible or listed on the SRHP (CO 52) Difficult Land Uses (20 oil and gas wells),	HUSSON Good (closely aligned) WELD COUNTY Good Meta	Low	S - Primarily agricultural Y Carried Forward	operational improvements.
2 Lanes No Build 2-10' At Intersections None	No Exceptions/Variances Worsens No Change Moderate - LTS improves to 3 with continuous shoulders based on the criteria for bicyclists in mixed traffic. This segment of	No Change Worsens	Does Not Meet Minimum		No Change No Change 9) (PTI 1.25 to PTI 1.23) (TT 2.2 to TT 2.2) No Change No Change	No Change No Change Moderate - The provision of 10' shoulders under a two lane configuration would provide a m improvement to local north-south bicycle connectivity within the Town of Hudson. TWLTLE	wides gravel shoulders which are not usable by bicyclists	No Change Yes, can accommodate	Historic - three officially eligible or listed on the SRHP (Butlington Northern and Santa Fe, Neres Canal. Scorner of CR ST) (Nifficult light for pick of all and not when when the product operation should be set to be set of the second of t		Low	None N Not Recommended 55 - Hudson residential and Carried Forward (within He	udson) Intersection improvements are adequate. Continuous two-way left-turn
10' Two-Way Left Turn Bikes on shoulder 2 Lanes Typical Dahlia St. to WCR 49 (Hudson) Urban Two-Way Left Turn Peds on sidewalk, blike lanes	NO Exceptions/variances Mooerate CO 52 includes a single travel lane in each direction and has posted speed limits of 25 - 30 mph through Hudson.	Substantial	Exceeds Minimum Faceeds Minimum	Improves No Change	No Change No Change (PTI 1.23 to PTI 1.25) (TT 2.2 to TT 2.2) No Change No Change	width for treatments such as raised medians and median refuges at intersections for left-to-bicycles. Substantial - The provision of bike lanes under a two lane urban configuration would provise substantial informment to local north-south bicycle connectivity within the Town of Hudson	Therefore, 10 pawed shoulders would accommodate bikes where there were not previously accommodated and would be a substantial improvement.	Major - BLOS is B Yes, can accommodate	Hustoric - three officially eligible or listed on the SRHP (Burlington Northern and Santa Fe, Neres Canal Segment, CO 52) Difficult Land Uses G of a gas wells, one railroad crossing, Parks and Open Space	HUSSON Fair (some variations between alternatives) High; especially in Hudson town center area identified as WELD COUNTY Good FORT I HURSON No comment	LOW _	Commercial Recommended (outside of F \$\$ - Hudson residential and V Recommended (within Hu	ludson) tane is not required component.
Dahlia St. to WCR 49 Urban Two-Way Left Turn Petco in sourceast, bike lanes (Hudson) 10 Two-Way Left Turn Bikes on shoulder	Moderate - LTS improves to 3 with continuous shoulders based on the criteria for bicyclists in mixed traffic. This segment of C O 52 includes a single travel lane in each direction and has	Substantial Substantial	Exceeds Minimum Exceeds Minimum	Improves	No Change No Change No Change No Change No Change No Change (Not Explicitly Modeled) (Not Explicitly Modeled)	No Change provides width for treatments such as raised medians and median refuges at intersections f turning bicycles from the minor side streets. Minor - The provision of 10 shoulders under a four-lane lane configuration would provide a rimprovement to local north-south bicycle connectivity within the Town of Hudson. However, a cross-section results in higher potential vehicle-bicycle conflicts than a two-lane cross section for treatments such as raised medians and median refuges at intersection.	left: Substantial - See cell above	Major Yes, can accommodate Major - BLOS is B Yes, can accommodate buses and pass slow buses	(Hudson Memorial Park), Traffic Noise (homes in the town of Hudson and places of worship in the town of Hudson - First Baptist Church, James Memorial LMC, and Grace Lutheran). Historic - three officially eligible or listed on the SRHP (Butlington Northern and Santa Fe, Neres Canal allow vehicles to Segment, CO 52) Difficult Land Uses (3 oil and gas wells, one railroad crossing, Parks and Open Space (Hudson Memorial Park), Traffic Noise (homes in the town of Hudson and places of worship in the town of	FORT LUPTON NO Comment community center HUDSON Good (closely aligned) Medium: Low in Hudson town center area where community WELD COUNTY Good	uw	255 - Hudson residential and Commercial Not Recommended (outside o	f Hudson)
4 Lanes Typical Urban Two-Way Left Turn Peds on sidewalk, bike lanes	posted speed limits of 25 - 30 mph through hudson. Substantial - LTS improves to 1 with the provision of 6-foot bike lanes. This segment of CO 32 includes a single travel lane in each direction and has posted speed limits of 25 - 30 mph through Hudson.	Substantial		Improves		turning bicycles. Moderate - The provision of bike lanes under a four-lane lane configuration would provide a r	oderate cross-	Major Yes, can accommodate buses and a pass slow buses	Hudson - First Baptist Church, James Memorial UMC, and Grace Lutheran). Historic - three officially eligible or listed on the SRHP (Burlington Northern and Santa Fe, Neres Canal allow vehicles to Segment, CO 52) Difficult Land Uses (3 oil and gas wells, one railroad crossing, Parks and Open Space (Hudson Memorial Park), Traffic Nose (homes in the town of Hudson and places of worothjip in the town of Hudson Allow of Pirst Baptist Church, James Memorial UMC, and Grace Lutheran).	Medium: Low in Hudson town center area where community plans have identified it as a community center and desire for plans have identified it as a community center and desire for 1 lanes; High elsewhere HUDSON Good (closely aligned)	Medium	SSS - Hudson residential and Y Not Recommended	
2 Lanes No Build 0'-8' At Intersections None Typical 10' At Intersections Bikes on shoulder	No Exceptions/Variances No Change Substantial - FHWAs Crash		Does Not Meet Minimum Does Not Meet Minimum Per AASHTOS Policy on Geometric Design of Highways and Streets, "where bicyclists and pedestrians are to be accommodated on the shoulders, a minimum usable undder width of it should be considered." Additional shoulder width is also desirable if		No Change No Change Print No Change No Chang		No Change No Change Substantial - Majority of this segment does not include Major - Per Ch would shoulders. Therefore, 10 paved shoulders would Table 14-1	No Change Yes, can accommodate 14 of CDOTs Roadway Design Guide the ADT, HVS, Speed Limit, and the ADT, HVS, Can accommodate the ADT, HVS, Can accommodate	buses No impact Historic - two officially eligible or listed on the SRHP (CO 52 and Prospect Valley School). Seve oil and gas	No Change KEDNESSURG Poor - from 49 to 59, lots of bloycles using the roadway. Current lack of shoulders is a su GOOGER. High - unlikely to impact whether area land uses stay the WELD COUNTY Poor	lety Low Low - ROW adjacent to CO 79 is tight and may be a complicated acquisition.	None N Not Recommended S - Primarily agricultural Y Recommended	
Full Segment 5 2 Lanes Typical 10' At Intersections Bikes on shoulder Two-Way Left Turn Option	Far No Exceptions/Variances Moderate No Change	Substantial - See cell above Moderate	is considerable; or if static obstructions exist at the right side of the roadway. Exceeds Minimum	Improves No Change (Better cross-section for turns) (TTI 1.09 to TTI 1.10	No Change No Change D) (PTI 1.21 to PTI 1.23) (TT 10.1 to TT 10.1)	No Change No Change	accommodated and would be a substantial improvement. Substantial	of B Major - BLOS is B Yes, can accommodate	wells. Banner Lakes State Wildlife are. Historic - two officially eligible or listed on the SRIP (CO 52 and Prospect Valley School). Seve oil and gas wells. Banner Lakes State Wildlife are.	same or redevelop long term KEENESBURG Good High - unlikely to impact whether area land uses stay the WELD COUNTY Good - Turn laines should be the priority same or redevelop long term KEENESBURG TWILT. Not needed	Low	S - Primarily agricultural Y Not Recommended	Intersection improvements are adequate. Continuous two-way left-turn lane is not required component.
Traditional Intersection (assumes existing project) US 287 Intersection Non-Traditional Intersection (CFI, Roundabout, Quadrant Road, etc.)	No Exceptions/Variances Moderate No Change Moderate - Widening the Intersections were evaluated separately since other performance measures are used to compare alternatives.	the shoulder from 0 to 8 ft yields a CMF of 0.58 and CRF of 42% Moderate	Exceeds Minimum	recutral (TTI 1.09 to TTI 1.10	No Change No Change O) (PTI 1.21 to PTI 1.23) (TT 10.1 to TT 10.1)	No Change No Change	Substantial	Major - BLOS is 8 Yes, can accommodate	buses instoric - two orrically eligible or listed on the Shriv (CU-22 and Prospect Valley School). Seve oil and gas wells. Banner Lakes State Wildlife are.	Same or redevelop long term SEMESSING Poor - prefer the wider shoulder in anticipation of future growth, specially to CR 5 SEMESSING Poor - prefer the wider shoulder in anticipation of future growth, specially to CR 5 SOURCE COUNTY Good: Our TMP shows example of adderect through various "traition methods." The TMP emphastres improvements to the intersections to address safety and operation SOURCE COUNTY Poor. We do not support CFF and the MESSY corner paid and even county import of the Intersection of CO-2 and the SESSY corner paid and even county import of the Intersection of CO-2 and the SESSY corner paid and even county import of the Intersection of CO-2 and the SESSY corner paid and even county import of the Intersection of CO-2 and the SESSY corner paid and even county import of the Intersection of CO-2 and the SESSY corner paid and even county import of the Intersection of CO-2 and the SESSY corner paid and even county important of the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county important or the Intersection of CO-2 and the SESSY corner paid and even county in the Intersection of CO-2 and the SESSY corner paid and even county in the Intersection of CO-2 and the I	T at the state of	S - Primarily agricultural Y Carried Forward Carried Forward Carried Forward	lane is not required component.
67 Grade-Separated Intersection 8% Curves										WELD COUNTY Food. Will be eastern oder of helder feetile feeti	tion to the control of the control o	Not Recommended Not Recommended	Meets minimum design criteria, but does not provide any advantages. Imposes additional restrictions on future improvements.
Reverse Curves 6% Curves 4% Curves	Intersections were evaluated separately since other performance measures are used to compare alternatives.									DACONG Good - Will be eastern edge of highest density development. More flexibly is better, but no option between 4% and 6% stands out. Prefer to flatten curver from safety perspective. Also good maximite room allowed for development.	100.0	Recommended Carried Forward	
No Build Traditional Intersection Improvements WCR 59 Non-traditional Intersection Improvements	Intersections were evaluated separately since other performance measures are used to compare alternatives.									KEDESBURG Poor WED COUNTY Synalization Cood KEDNESBURG Fair - would be open to considering short-term improvement (i.e. signal) to help mitig current safety concerns WED COUNTY Roundabout? Good	ste	Not Recommended Not Recommended Recommended	Traditional intersection improvements offer minimal benefits until such time as a signal is warranted. Roundabout provides significant safety and operational benefits when compared to non-traditional improvements at this location. Will
Traditional Intersection Improvements Fig. Traditional Intersection Improvements Element	No Exceptions/Variances No Exceptions/Variances			Neutral Neutral Can be positive or negative depending on design)				Yes Yes (but may not be transit	friendly)	KEENESBURG Good - As a long-term solution, in favor of a roundabout at this location to help slow tr		Y Carried Forward Y Carried Forward	accommodate future traffic without requiring signalization.
Grade Separated Interchange Element Transit Accommodations Element Transportation Technology (Active Traffic Management) Element	No Exceptions/Variances No Exceptions/Variances No Exceptions/Variances			on design) Improves Neutral Improves				Yes (but not transit frie Yes Yes (could include TS				Y Not Recommended Y Not Recommended Y Carried Forward	No locations along corridor warrant this level of improvement. Improvements should not preclude transit, but no separate accommodations have been identified at this time. Limited application
Wildlife Crossings Element Multi-Use Path Element Enhanced Bike/Pedestrian Crossings Element Traffic Signal Optimization Element	No Exceptions/Variances No Exceptions/Variances No Exceptions/Variances No Exceptions/Variances No Exceptions/Variances			Neutral Neutral Neutral Neutral Improves				Yes Yes, enhances acce Yes, enhances acce Yes, enhances acce				Y Not Recommended Y Carried Forward Y Recommended Y Recommended Y Recommended	As identified in segment recommendations
Travel Demand Management (TDM) Element	No Exceptions/Variances No Exceptions/Variances			Neutral				Yes				Y Recommended	Currently limited expertunities, but should be excisited as a past of future