

DEFINITION OF NO-ACTION NETWORK

August 24, 2004

NORTH I-25
EIS



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This No-Action network definition identifies the capacity improvements included in the No-Action alternative and used in the travel demand forecasting efforts. The No-Action Alternative will include these improvements as well as committed safety improvements, bike and pedestrian facilities, and travel demand management measures.

Inside the Study Area

The No-Action Alternative consists of the existing and committed transportation system network within the study area. Specifically:

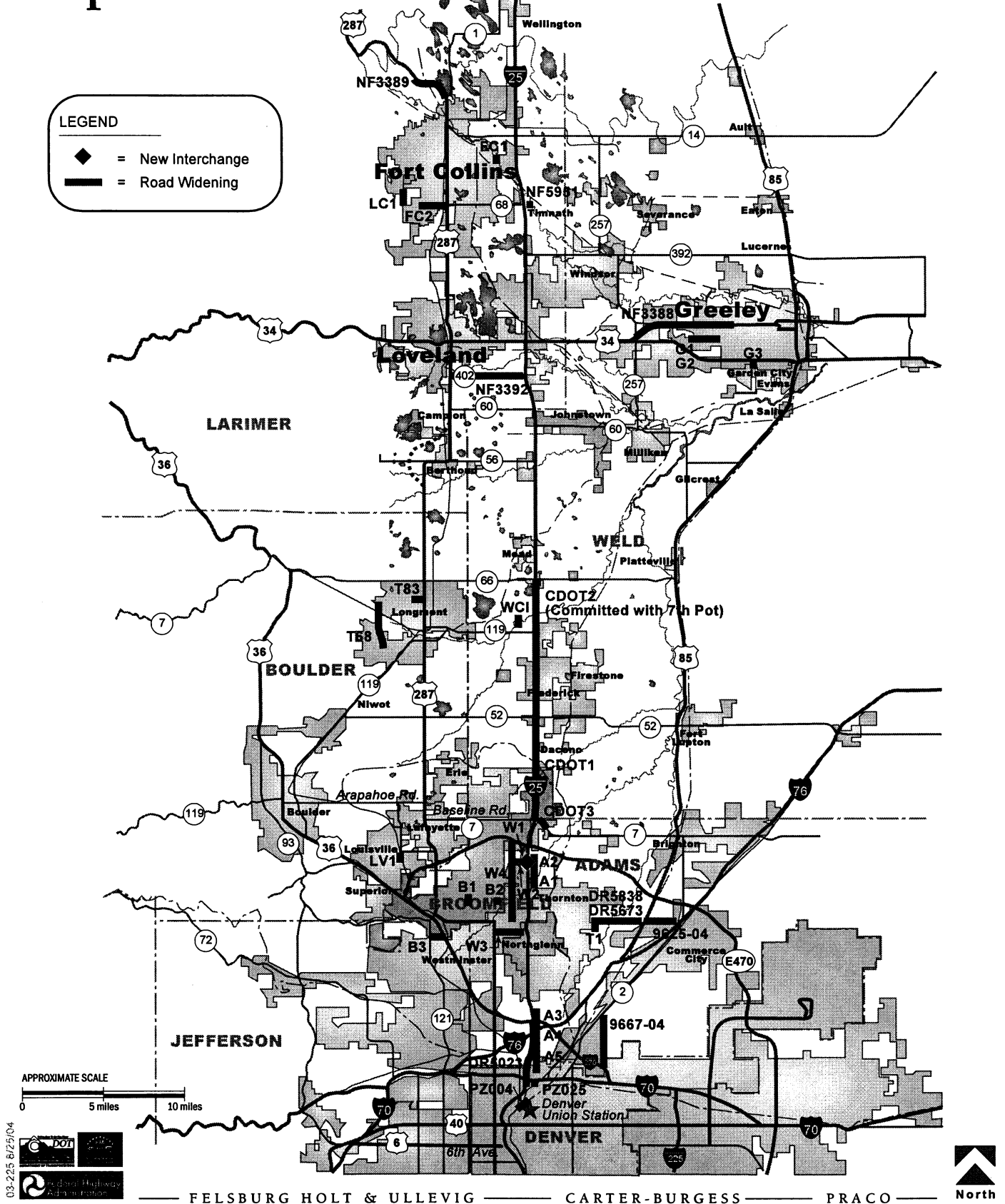
- existing roadway and transit facilities open for use as of 2004.
- committed capacity improvement projects that have funding identified in regional, city, and county improvement programs, including:
 - Colorado Department of Transportation's 2005-2010 *State Transportation Improvement Program* (STIP)
 - North Front Range Metropolitan Planning Organization's 2005-2010 *Transportation Improvement Program* (TIP)
 - Regional Transportation District 2005-2010 *Transit Development Program* (TDP)
 - Denver Regional Council of Governments' 2005-2010 *Transportation Improvement Program* (TIP)
 - County Capital Improvement Programs (CIPs)
 - Municipal Capital Improvement Programs (CIPs); and
- committed capacity projects that have a dedicated source of funds such as:
 - RTD's FasTracks Plan - If voters approve the FasTracks referendum in November 2004, the No-Action network will include planned FasTracks transit projects.
 - 7th Pot Projects - Widening of I-25 between SH 7 and SH 66, including the modification of interchanges, overpasses, and frontage roads, was one of the state's 28 Strategic Investment Program projects. The section of I-25 from SH 7 to SH 52 is expected to be complete in the fall of 2004. Final design is complete for the section from SH 52 to SH 119 and preliminary design is complete for the section from SH 119 to SH 66. All three sections will be included in the No-Action network.

Outside the Study Area

- The transportation model includes the North Front Range MPO travel model and the DRCOG travel model. Together, these models encompass an area larger than the project's study area. The No-Action Alternative will include planned projects identified in the 2030 fiscally constrained regional transportation plans for the modeling area outside of the study area.

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Programmed Capacity Improvements



August 25, 2004

Project #	Description	Source	Location
DR5023	N I-25 Bus/HOV/US 36 Improvements	DRCOG 2003-2008 TIP	Adams County
A1	Washington St. – 136 th Ave. to 144 th Ave. Widening from 2 to 4 lanes	DRCOG 2030 RTP '05 completion	Adams County
A2	Washington St. – 144 th Ave. to 152 nd Ave. Street extension - 4 lanes	DRCOG 2030 RTP '05 completion	Adams County
A3	Washington St. Phase II- 78 th Ave to Hwy 224 Widening from 4 to 7 lanes	CIP	Adams County
A4	Washington St. Phase III- Hwy 224 to 58 th Ave Widening from 4 to 6 lanes	CIP	Adams County
A5	Washington St. Phase IV- 58 th Ave to 52 nd Ave Widening from 4 to 5 lanes	CIP	Adams County
DR5838	120th Ave. – Quebec to US 85 Street extension	DRCOG 2003-2008 TIP	Adams County
B1	Sheridan Blvd. - E. 9th Ave to n/o W. 136th Ave. Widening to 4 lanes w/ frontage	CIP	Broomfield
B2	E. Midway - Lowell Blvd. west 1500 ft. Widening from 2 to 4 lanes	CIP	Broomfield
B3	W. 112th Ave. - Old Wads Blvd. to Wads Pkwy Street extension	CIP	Broomfield
CDOT1	I-25 - SH 7 to SH 52 Widening from 4 to 6 lanes	STIP '04 completion	CDOT R4
CDOT2	I-25 – SH 52 to SH 66 Widening from 4 to 6 lanes	7 th Pot	CDOT R4
CDOT3	SH 7 – I-25 to 164 th Ave. Widening	'05 completion	CDOT R6
9625-04	120th Ave. - US 85 to I-76 Widening from 2 to 3 lanes	CIP	Commerce City
9667-04	Quebec St. – I-270 to SH 2 Widening from 4 to 6 lanes	CIP	Commerce City/ Denver
PZ025	Washington/38th - Platte Bridge to I-70 Widening	CIP	Denver
PZ004	Wewatta St - 15th to 20th Street construction	CIP	Denver
FC1	Timberline Rd. - Prospect to Drake Widen to 4 lanes	CIP '07 completion	Fort Collins
FC2	Harmony Rd. - Seneca to College Widen to 4 lanes	CIP '10 completion	Fort Collins
NF3389	US 287 - SH 1 to LaPorte Bypass Widening from 2 to 4 lanes	NFR 2005-2010 TIP	Fort Collins

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G1	20th St. - 59th Ave. to 65th Ave. Widen to 4 lanes	CIP '04 completion	Greeley
G2	20th St. - 65th to 71st Ave. Widen to 4 lanes	CIP '05 completion	Greeley
G3	35 th Avenue – 29 th Street to 32 nd Street Widen to 4 lanes	CIP	Greeley
NF3388	US 34 Bus – SH 257 to 47 th Ave. Widening from 2 to 4 lanes	NFR 2005-2010 TIP	Greeley
LC1	Taft Hill – Horsetooth to Harmony Widening from 2 to 3 lanes (perhaps to 4 lanes)	CIP '06 completion	Larimer County
T-68	Airport Rd. - Pike R. to 17th Ave. Widening	CIP	Longmont
T-83	17th Ave. - Deerwood Dr. to WCR 1 Widening	CIP	Longmont
LV1	96th Ave. Extension to SH 42	CIP '05 completion	Louisville
NF3392	SH 402 - US 287 to I-25 Widening from 2 to 4 lanes	NFR 2005-2010 TIP	Loveland
T1	Holly St. - 104th to 110th Ave. Street extension	CIP '05 completion	Thornton
DR5673	120th Ave. - Holly to Quebec Widening from 2 to 4 lanes	DRCOG 2005-2010 TIP	Thornton
NF5951	LCR 38 Add capacity	NFR 2005-2010 TIP	Timnath
W1	I-25/144 th Ave. New interchange	CIP	Westminster/ Thornton
W2	144 th Ave. – I-25 to Zuni Widening from 2 to 4 lanes	City	Westminster
W3	112 th Ave. – Huron to Federal Widening from 2 to 4 lanes	CIP	Westminster
W4	Huron St. - 128 th to 150 th Widening	CIP	Westminster
WC1	Weld CR 7 – Bridge at St. Vrain River New Road	CIP	Weld County

NO-ACTION NETWORK CODING

The following steps were used to code the 2030 No-Action network for the North I-25 travel model:

- The No-Action network is defined to consist of the existing, committed, and/or funded transportation system network within the study area. See “Definition of No-Action Network” for the complete definitional description.¹
- Committed roadway capacity improvement projects were obtained from the STIP, TIP, and CIPs.² These projects are listed in Table 1.
- The 2030 No-Action network for the combined North I-25 model was developed by merging the following two TransCAD networks from the MPO models:
 - The 2010 network from NFRMPO. This network consists of the existing and committed projects in the NFRMPO model region. The North I-25 study area includes the entire NFRMPO model region.
 - The 2030 RTP network from DRCOG. RTP improvement projects in the North I-25 study area are removed from the network. Table 2 lists the 2030 RTP projects removed from the study area, and the specific coding action. Figure 1 depicts the location of the removed improvements in the resulting network.
- The combined network was reviewed to confirm that the committed projects were properly coded. Table 1 lists the committed projects and the specific coding action, and Figure 1 depicts the locations where coding modifications were made.

¹ “No action definition 082404.doc”

² CIP TIP STIP Projects 082504.doc



No-ACTION NETWORK CODING

- The existing transit routes in the NFR area were added to the DRCOG 2030 RTP FasTracks transit network, to form a future no-action transit network.



NO-ACTION NETWORK CODING

**Table 1
Programmed Capacity Improvement Projects**

Project #	Description	Source	Location	Coding Action
DR5023	N I-25 Bus/HOV/US 36 Improvements	DRCOG 2003-2008 TIP	Adams County	Confirmed – already coded in network
A1	Washington St. – 136 th Ave. to 144 th Ave. Widening from 2 to 4 lanes	DRCOG 2030 RTP '05 completion	Adams County	Coded. Noted conflict with RTP.
A2	Washington St. – 144 th Ave. to 152 nd Ave. Street extension - 4 lanes	DRCOG 2030 RTP '05 completion	Adams County	Coded. Noted conflict with RTP.
A3	Washington St. Phase II- 78 th Ave. to Hwy 224 Widening from 2 to 7 lanes	CIP	Adams County	Coded
A4	Washington St. Phase III- Hwy 224 to 58 th Ave. Widening from 2 to 7 lanes	CIP	Adams County	Coded
A5	Washington St. Phase IV- 58 th Ave. to 52 nd Ave. Widening from 2 to 5 lanes	CIP	Adams County	Coded
A6	58 th Ave.- Washington St. to York St. Widening from 2 to 5 lanes	CIP	Adams County	Coded
A7	104 th Ave.- Colorado Blvd. To South Platte River Widening from 2 to 5 lanes	CIP	Adams County	Coded. Noted conflict with RTP.
A8	York St.- 88 th Ave. to SH 224 Widening from 2 to 4 lanes	CIP	Adams County	Coded
A9	Lowell Blvd- 62 nd Ave. to 68 th Ave. Widening from 2 to 5 lanes	CIP	Adams County	Coded



NO-ACTION NETWORK CODING

**Table 1
Programmed Capacity Improvement Projects (continued)**

Project #	Description	Source	Location	Coding Action
DR5838	120 th Ave. – Quebec to US 85 Street extension	DRCOG 2003-2008 TIP	Adams County	Confirmed – already coded in network
B1	Sheridan Blvd. – E. 9 th Ave to n/o W. 136 th Ave. Widening to 4 lanes w/ frontage	CIP	Broomfield	Coded. Noted conflict with RTP.
B2	E. Midway – Lowell Blvd. west 1500 ft. Widening from 2 to 4 lanes	CIP	Broomfield	Coded
B3	W. 112 th Ave. – Old Wads Blvd. to Wads Pkwy Street extension	CIP	Broomfield	Coded
CDOT1	I-25 – SH 7 to SH 52 Widening from 4 to 6 lanes	STIP '04 completion	CDOT R4	Confirmed – already coded in network
CDOT2	I-25 – SH 52 to SH 66 Widening from 4 to 6 lanes	7 th Pot	CDOT R4	Confirmed – already coded in network
CDOT3	SH 7 – I-25 to 164 th Ave. Widening	'05 completion	CDOT R6	Coded. Noted conflict with RTP.
9625-04	120 th Ave. – US 85 to I-76 Widening from 2 to 3 lanes	CIP	Commerce City	Confirmed – already coded in network
9667-04	Quebec St. – I-270 to SH 2 Widening from 4 to 6 lanes	CIP	Commerce City/ Denver	Confirmed – already coded in network
PZ025	Washington/38 th – Platte Bridge to I-70 Widening	CIP	Denver	Confirmed – already coded in network
PZ004	Wewatta St. – 15 th to 20 th Street construction	CIP	Denver	Confirmed – already coded in network
FC1	Timberline Rd. – Prospect to Drake Widen to 4 lanes	CIP '07 completion	Fort Collins	Confirmed – already coded in network



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**Table 1
Programmed Capacity Improvement Projects (continued)**

Project #	Description	Source	Location	Coding Action
FC2	Harmony Rd. - Seneca to College Widen to 4 lanes	CIP '10 completion	Fort Collins	Confirmed – already coded in network
NF3389	US 287 - SH 1 to LaPorte Bypass Widening from 2 to 4 lanes	NFR 2005-2010 TIP	Fort Collins	Confirmed – already coded in network
G1	20th St. - 59th Ave. to 65th Ave. Widen to 4 lanes	CIP '04 completion	Greeley	Confirmed – already coded in network
G2	20th St. - 65th to 71st Ave. Widen to 4 lanes	CIP '05 completion	Greeley	Confirmed – already coded in network
G3	35 th Avenue – 29 th Street to 32 nd Street Widen to 4 lanes	CIP	Greeley	Confirmed – already coded in network
NF3388	US 34 Bus – SH 257 to 47 th Ave. Widening from 2 to 4 lanes	NFR 2005-2010 TIP	Greeley	Confirmed – already coded in network
LC1	Taft Hill – Horsetooth to Harmony Widening from 2 to 3 lanes (perhaps to 4 lanes)	CIP '06 completion	Larimer County	Confirmed – already coded in network
T-68	Airport Rd. - Pike R. to 17th Ave. Widening	CIP	Longmont	Coded. Noted conflict with RTP.
T-83	17th Ave. - Deerwood Dr. to WCR 1 Widening	CIP	Longmont	Coded. Noted conflict with RTP.
LV1	96th Ave. Extension to SH 42	CIP '05 completion	Louisville	Coded
NF3392	SH 402 - US 287 to I-25 Widening from 2 to 4 lanes	NFR 2005-2010 TIP	Loveland	Confirmed – already coded in network
T1	Holly St. - 104th to 110th Ave. Street extension	CIP '05 completion	Thornton	Confirmed – already coded in network



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**Table 1
Programmed Capacity Improvement Projects (continued)**

Project #	Description	Source	Location	Coding Action
	120th Ave. - Holly to Quebec	DRCOG		
DR5673	Widening from 2 to 4 lanes	2005-2010 TIP	Thornton	Confirmed – already coded in network
	LCR 38			No action taken; additional research required
NF5951	Add capacity	NFR 2005-2010 TIP	Timnath	
W1	I-25/144 th Ave. New interchange	CIP	Westminster/ Thornton	Coded. Noted conflict with RTP.
W2	144 th Ave. – I-25 to Zuni			
	Widening from 2 to 4 lanes	City	Westminster	Confirmed – already coded in network
W3	112 th Ave. – Huron to Federal			
	Widening from 2 to 4 lanes	CIP	Westminster	Confirmed – already coded in network
W4	Huron St. - 128 th to 150 th			
	Widening	CIP	Westminster	Coded. Noted conflict with RTP.
	Weld CR 7 – Bridge at St. Vrain River			
WC1	New Road	CIP	Weld County	Coded



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**Table 2
DRCOG Fiscally Constrained 2030 RTP Projects
in the North I-25 Study Area**

Project Location	Description	Length (miles)	New Lanes	Cost Estimate FY '05 to FY '30 ('05 \$millions)	County Counties	Coding Action
2. 100% Locally Derived Funding:						
104 th Ave: Northglenn city limits to Croke Dr	Add through lane(s)	0.8	2	\$2.0	Adams	Retained. Noted conflict with list of programmed projects
144 th Ave: 120 th St to Zuni St	Add through lane(s)	3	2	\$8.3	Broomfield	Removed
144 th Ave: Huron St to Washington St	Add through lane(s)	1	2	\$5.8	Adams	Removed
152 nd Ave: Washington St to York St, N to E-470	Add through lane(s)	1.6	2	\$1.2	Adams	Removed
17 th Ave: Alpine St to East County Line Rd	Add through lane(s)	1.5	2	\$7.6	Boulder	Retained. Noted conflict with list of programmed projects
96 th St: Arthur Ave to SH 42	New road	0.4	2	\$8.0	Boulder	Retained. Noted conflict with list of programmed projects
Airport Rd: Pike Rd to 17 th Ave	Add through lane(s)	3.6	2	\$6.6	Boulder	Retained. Noted conflict with list of programmed projects
Colorado Blvd: 136 th Ave to 140 th Ave	Add through lane(s)	0.5	2	\$0.3	Adams	Removed
Colorado Blvd: 152 nd Ave to 156 th Ave	New road	0.6	2	\$0.7	Adams	Removed
Colorado Blvd: 156 th Ave to	New road	0.5	2	\$1.4	Adams	Removed



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160 th Ave/SH-7 (realign)						
E-470: Quebec St	New interchange			\$17.4	Adams	Removed
East County Line Rd: 3 rd Ave/SH-119 to Ute Rd	Add through lane(s)	3	2	\$12.7	Boulder	Removed

Table 2
DRCOG Fiscally Constrained 2030 RTP Projects
in the North I-25 Study Area (continued)

Project Location	Description	Length (miles)	New Lanes	Cost Estimate FY '05 to FY '30 ('05 \$millions)	County Counties	Coding Action
Huron St: 128 th Ave to 136 th Ave	Add through lane(s)	1	4	\$16.0	Adams	Retained. Noted conflict with list of programmed projects
Huron St: 136 th Ave to 150 th Ave	Add through lane(s)	1.7	4	\$17.0	Adams	Retained. Noted conflict with list of programmed projects
I-25: 144 th Ave	New interchange			\$17.7	Adams	Retained. Noted conflict with list of programmed projects
Isabella Rd: US-287 to County Line Rd	Add through lane(s)	2.5	2	\$12.6	Boulder	Removed
Nelson Rd: 75 th St to Affolter Dr	Add through lane(s)	2.5	2	\$10.5	Boulder	Removed
Northwest Pkwy: Sheridan Pkwy	New interchange			\$17.4	Adams	Removed
Pace St: 3 rd Ave to Ute Rd	Add through lane(s)	2.8	2	\$11.8	Boulder	Removed
Pecos Street: 52 nd Ave to I-76	Add through lane(s)	1.2	2	\$6.5	Adams	Removed
Quebec St: 128 th Ave to 132 nd Ave	Add through lane(s)	0.5	4	\$0.3	Adams	Removed



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SH-7: I-25 to 164 th Ave	Add through lane(s)	1	2	\$8.0	Adams	Retained. Noted conflict with list of programmed projects
SH-7: Sheridan Pkwy to 0.4 mi E of I-25	Add through lane(s)	2.5	4	\$29.3	Broomfield	Removed
Sheridan Blvd: 9 th Ave (Broomfield) to Aspen Creek Dr	Add through lane(s)	1.2	2	\$8.8	Broomfield	Retained. Noted conflict with list of programmed projects

**Table 2
DRCOG Fiscally Constrained 2030 RTP Projects
in the North I-25 Study Area (continued)**

Project Location	Description	Length (miles)	New Lanes	Cost Estimate FY '05 to FY '30 ('05 \$millions)	County Counties	Coding Action
Sheridan Blvd: Aspen Creek Dr to 144 th Ave	Add through lane(s)	0.7	2	\$5.3	Broomfield	Retained. Noted conflict with list of programmed projects
Sheridan Blvd: Prebble Creek Pkwy to SH-7	New road	0.5	4	\$7.3	Broomfield	Removed
Sheridan Pkwy: 144 th Ave to Lowell Blvd	New road	1.9	4	\$5.3	Broomfield	Removed
Sheridan Pkwy: Lowell Blvd to Northwest Pkwy	New road	1.2	4	\$2.0	Broomfield	Removed
Sheridan Pkwy: Northwest Pkwy to Prebble Creek Pkwy	New road	0.8	6	\$1.7	Broomfield	Removed
Thornton Pkwy: Downing St to Steele St	Add through lane(s)	1.1	2	\$3.2	Adams	Removed
Thornton Pkwy: Steele St to Colorado Blvd	New road	0.7	4	\$2.0	Adams	Removed



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Washington St: 136 th Ave to 144 th Ave	Add through lane(s)	1	2	\$4.3	Adams	Retained. Noted conflict with list of programmed projects
Washington St: 144 th Ave to 152 nd Ave	New road	1	4	\$10.8	Adams	Retained. Noted conflict with list of programmed projects
Washington St: Elk Pl to 52 nd Ave	Add through lane(s)	0.5	2	\$10.0	Denver	Coded
3. Other future Improvements – Eligible for Future TIP Funds:						
104 th Ave: Colorado Blvd to US-85	Add through lane(s)	3	2	\$25.0	Adams	Removed
Colorado Blvd: I- 76 to 92 nd Ave (+intchs at I-76 and Vasquez)	New road	1.8	4	\$61.4	Adams	Removed

Table 2
DRCOG Fiscally Constrained 2030 RTP Projects
in the North I-25 Study Area (continued)

Project Location	Description	Length (miles)	New Lanes	Cost Estimate FY '05 to FY '30 ('05 \$millions)	County Counties	Coding Action
I-25 SH-270/I-76 (remaining phases- 7 th Pot)	New movements			\$35.8	Adams	Retained in network because 7 th Pot funding
I-25: US-36 to Thornton Pkwy (+ reconstruction)	Add through lane(s)	3	2	\$140.0	Adams	Removed
SH-52 (Mineral Rd): SH-119 (previously in 03- 08 TIP)	New interchange			\$17.0	Boulder	Removed
SH-7: 164 th Ave to US-85	Add through lane(s)	8	2	\$32.5	Adams	Retained. Noted conflict with list of programmed projects
US-36: 96 th St to Interlocken East	Add through	0.5	2	\$34.0	Boulder	Removed



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	lane(s)					
US-36: Wadsworth Blvd to Sheridan Blvd	Add though lane(s)	4.4	2	\$200.0	Jeff/Broom	Removed
US-85: Bromley Ln	New interchange			\$37.1	Adams	Removed

Source: DRCOG – Appendix 4, Fiscally Constrained 2030 RTP Roadway and Rapid Transit Capital Improvements (Section 4 of Table 6 in 2030 Metro Vision RTP)

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