

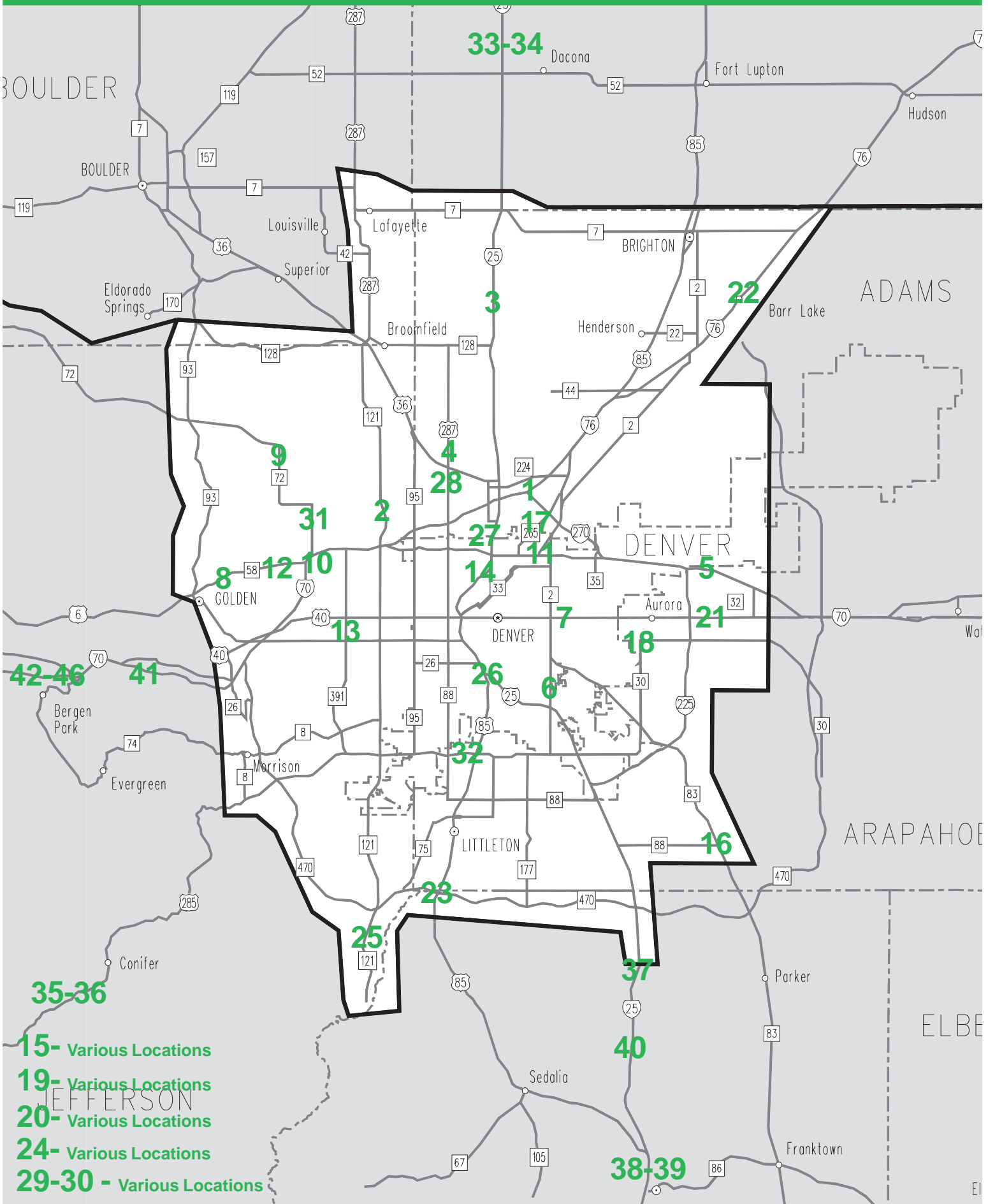
Traffic Watchers Briefing Spring/Summer 2008



Denver Metro Area



Metro Area Projects



1 I-25/US 36/I-76/I-270 Project

Program Engineer: Moe Awaznezhad

Phase 10- Final Phase

Cost: \$18.7 million

Contractor: Edward Kraemer & Sons, Inc.

Resident Engineer: Jake Koenig

Work: The last phase of this strategic project constructs a 2,200-foot long flyover ramp from eastbound I-270 to eastbound I-76 and adds new signing on US 36, I-25 and I-70.

Update: To date, all 40 concrete U-girders, making up the 12 spans of the bridge, have been installed. Over the last several months, crews have been installing the concrete deck panels and pouring the bridge decks. The new ramp should open to traffic by mid-summer with minor work taking place until November 2008.

Work Hours:

I-270: One lane in each direction may be closed Sunday through Thursday from 7 p.m. to 5:30 a.m. When required, a full closure of I-270 may take place Sunday through Thursday from 11 p.m. to 5:30 a.m.

Westbound I-76: One lane of westbound I-76 may be closed Sunday through Thursday from 8 p.m. to 5:30 a.m. When required, a full closure of westbound I-76 may take place Sunday through Thursday from 11 p.m. to 5:30 a.m.

Eastbound I-76: One lane of eastbound I-76 may be closed Sunday through Thursday from 9 p.m. to 5:30 a.m. When required, a full closure of eastbound I-76 may take place Sunday through Thursday from 11 p.m. to 5:30 a.m.

Eastbound US 36: One lane of eastbound US 36 between Federal Boulevard and Quebec Street may be closed Sunday through Thursday from 8 p.m. to 5:30 a.m. for installation of new overhead signs.

Westbound I-70: One lane of westbound I-70 between Havana Street and Quebec Street may be closed Sunday through Thursday from 8 p.m. to 5 a.m. for installation of new overhead signs.

Southbound I-25: One lane of southbound I-25 between 88th Avenue and I-76 may be closed Sunday through Thursday from 8 p.m. to 5 a.m. for installation of new overhead signs.

Duration: December 2006 through November 2008

The entire project cost is \$146.5 million for all 10 phases.



Crews work on the bridge deck for the new flyover ramp from eastbound I-270 to eastbound I-76, which will open to traffic in mid-summer 2008.



A view of the entire flyover, looking west. The flyover is 2,200-feet long.

2 Wadsworth Boulevard (State Highway 121) at Grandview Avenue

Cost: \$22.8 million

Contractor: Hamon Contractors, Inc.

Resident Engineer: John Schwab

Work: Constructs a grade-separation between Wadsworth Boulevard, Grandview Avenue and the Burlington Northern Santa Fe railroad, which will include two new structures and retaining walls. Wadsworth Boulevard will also be lowered and paved in asphalt. When complete, Wadsworth Boulevard will be under Grandview Avenue and the railroad, which will greatly improve safety and mobility as compared to its former configuration.

Update: To date, Wadsworth Boulevard has been temporarily realigned to the west and will remain in this configuration until May. Work is progressing to lower Wadsworth Boulevard, construct the retaining walls as well as the BNSF Railroad bridge and the Grandview Avenue bridge. The BNSF Railroad has been realigned to match up with the new bridge.

Work Hours:

Wadsworth Boulevard: Single lane closures Monday through Friday from 8:30 a.m. to 3:30 p.m. and double lane closures Sunday through Thursday from 10 p.m. to 5:30 a.m.

Grandview Avenue: Grandview Avenue will be closed for the duration of the project and a detour route is in place to access Wadsworth Boulevard.

Duration: October 2006 through November 2008

3 I-25 at 128th Avenue

Cost: \$6.3 million

Contractor: Jalisco International, Inc.

Resident Engineer: John Schwab

Work: Replaces the I-25 bridge over 128th Avenue, which was originally constructed in 1962. The new bridge will accommodate four lanes rather than two.

Update: The girder installation for the new bridge is complete and crews are in the process of placing concrete deck panels and will soon pour the bridge deck and sidewalk.

Work Hours:

I-25: Single lane closures Monday through Friday from 8:30 a.m. to 3:30 p.m. and double lane closures Sunday through Thursday from 7 p.m. to 5:30 a.m.

128th Avenue: A full closure of 128th Avenue will be in place between Huron Street and Washington Street for the duration of the project. Local traffic will still be allowed to use 128th Avenue.

Duration: October 2007 through August 2008

4 Federal Boulevard (US 287) at 80th Avenue

Cost: \$4.5 million

Contractor: Jalisco International, Inc.

Resident Engineer: John Schwab

Work: Widens Federal Boulevard and 80th Avenue to accommodate new double left turn movements from northbound Federal Boulevard to westbound 80th Avenue and a new right turn lane from southbound Federal Boulevard to westbound 80th Avenue. A new traffic signal will be installed and a sound wall constructed.

Update: The sound wall on the west side of Federal Boulevard just south of 80th Avenue is nearly complete as well as the retaining walls north of 80th Avenue. The curb and gutter and sidewalk on the east side of Federal Boulevard are also nearing completion along with the installation of the traffic signal equipment.

Work Hours: One lane of northbound and southbound Federal Boulevard will be closed for the duration of the project. Additional lane closures may take place Sunday through Thursday from 7 p.m. to 5:30 a.m.

Duration: September 2007 through June 2008



- 5** **I-70 - I-225 to Tower Road**
Cost: \$2.2 million (estimate)
Contractor: Yet to be determined
Resident Engineer: John Schwab
Work: Repairs and replaces 1,850 square yards of concrete slabs in various locations along four miles of I-70. This is a preventative maintenance project which is designed to increase the life of the roadway by making repairs before the condition deteriorates.
Work Hours: Single lane closures Sunday through Thursday from 9 p.m. to 5:30 a.m. with double lane closures from 11 p.m. to 5:30 a.m.
Duration: May 2008 through September 2008
- 6** **Colorado Boulevard (State Highway 2) - Mexico Avenue to Alameda Avenue**
Cost: \$3.5 million
Contractor: Brannan Sand and Gravel Co.
Resident Engineer: Irena Motas
Work: Rotomills and resurfaces 1.8 miles of Colorado Boulevard in asphalt and makes some minor signal and signing modifications and replaces some sidewalk and curb and gutter.
Work Hours: Single lane closures Sunday through Thursday from 7 p.m. to 5:30 a.m. with double lane closures from 9 p.m. to 5:30 a.m.
Duration: April 2008 through August 2008
- 7** **Colfax Avenue (US 40) - Colorado Boulevard (State Highway 2) to Quebec Street**
Cost: \$1.5 million
Contractor: Premier Paving, Inc.
Resident Engineer: Jake Koenig
Work: Rotomills and paves approximately 1.5 miles of Colfax Avenue in asphalt.
Work Hours: Single lane closures Monday through Friday from 8:30 a.m. to 3:30 p.m.
Duration: May 2008 through August 2008
- 8** **Washington Avenue over State Highway 58**
Cost: \$4.85 million
Contractor: Hamon Contractors, Inc.
Resident Engineer: Bill McDonnell
Work: Replaces the Washington Avenue bridge over State Highway 58 in Golden with two steel-arched bridges and pedestrian plazas at each end of structure. The project will also widen the shoulders of the roadway.
Update: Crews have placed Washington Avenue in a temporary alignment with one lane open in each direction on the western portion of the bridge. In addition, the eastern half of the bridge has been demolished.
Work Hours: One lane of northbound and southbound Washington Avenue will be closed for the duration of the project. Additional lane closures may take place Sunday through Thursday from 7 p.m. to 5:30 a.m.
Duration: March 2008 through September 2009
- 9** **Indiana Avenue (State Highway 72) - 64th Avenue to 86th Parkway**
Cost: \$973,000
Contractor: Asphalt Paving Co.
Resident Engineer: Bill McDonnell
Work: Resurfaces approximately 2.4 miles of Indiana Street in asphalt and rehabilitates the bridge deck for the structure over the Farmers Highline Canal, which is between 77th Drive and 78th Avenue.
Work Hours: Sunday through Thursday from 9 p.m. to 5:30 a.m.
Duration: May 2008 through September 2008



10 I-70 and State Highway 58

Cost: \$23 million

Contractor: Ames Construction, Inc.

Resident Engineer: Ed Martinez

Work:

- Constructs the missing ramp from eastbound I-70 to westbound SH 58
- Constructs the missing ramp from eastbound SH 58 to westbound I-70
- Realigns and reconstructs the existing ramp from eastbound SH 58 to eastbound I-70 without replacing the existing bridge
- Realigns and reconstructs the existing ramp from westbound I-70 to SH 58
- Relocates the existing ramp from Youngfield Street to eastbound I-70 approximately 1/4 mile to the south to accommodate a longer acceleration lane
- Constructs the 40th Avenue underpass, which will add access for the Cabela's development in the future. The underpass will cost approximately \$7.2 million and is funded by the City of Wheat Ridge.

Update: The ramp from eastbound SH 58 to westbound I-70 is open, the ramp from eastbound SH 58 to eastbound I-70 has been realigned and reconstructed and the ramp from Youngfield Street to eastbound I-70 has been realigned and reconstructed. In addition, the 40th Avenue underpass is approximately 80% complete and work is underway on the new ramp from eastbound I-70 to westbound SH 58.

Work Hours:

I-70: Single lane closures Monday through Friday from 8:30 a.m. to 3 p.m. and Sunday through Thursday from 7 p.m. to 5 a.m. Double lane closures are possible Sunday through Thursday from 10 p.m. to 5 a.m.

SH 58: Eastbound SH 58 is reduced to one lane.

Duration: February 2007 through March 2009

11 I-70 - Brighton Boulevard (State Highway 265) to Colorado Boulevard (State Highway 2)

Cost: \$20 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Tony Stewart

Work: Repairs or replaces 60 expansion joints on the I-70 viaduct, which is over 40 years old. The project also reconstructs the median to improve drainage and replaces the bridge rail. In all, 64 expansion joints will be repaired or replaced on the viaduct between two projects. The first project, which was completed in 2006, repaired or replaced four expansion joints. This work will help extend the life of this aging structure, which was originally constructed in 1964.

Work hours:

I-70: Sunday through Thursday from 8 p.m. to 5:30 a.m. for single lane closures and 10 p.m. to 5:30 a.m. for double lane closures. Lane closures will take place on Saturday from 8 p.m. to 8 a.m.

46th Avenue: Both directions of 46th Avenue will be completely closed 24 hours a day, seven days a week for the duration of the project. Detour routes will be posted.

Duration: June 2008 through December 2010 (estimate)

12 State Highway 58 over 44th Avenue

Cost: \$5.4 million

Contractor: Flatiron Constructors, Inc.

Resident Engineer: Paul Jesaitis

Work: Replaces the State Highway 58 bridge over 44th Avenue. The original bridge was constructed in 1971 and is structurally deficient.

Update: Crews have temporarily realigned 44th Avenue onto the eastbound structure and only one lane is open in each direction. The existing westbound structure has been demolished and construction of the new bridge is underway.

Work hours: Monday through Friday from 7 a.m. to 4 p.m. with occasional night work for bridge demolition and girder installation. Night work will take place Sunday through Thursday from 8 p.m. to 5 a.m.

Duration: September 2007 through December 2008



Central Program Engineer Jim Bemelen

13 State Highway 391 (Kipling Street) - 6th Avenue to Colfax Avenue (US 40)

Cost: \$825,000

Contractor: Brannan Sand and Gravel, Inc.

Resident Engineer: Paul Jesaitis

Work: Rotomills and paves approximately one mile of Kipling Street in asphalt.

Work hours: Single lane closures Monday through Friday from 8:30 a.m. to 3:30 p.m. with occasional night work for paving at ramps and interchanges. Night work will take place Sunday through Thursday from 8 p.m. to 5 a.m.

Duration: March 2008 through June 2008

14 I-25 - 23rd Avenue to 48th Avenue

Cost: \$3.6 million

Contractor: Brannan Sand and Gravel, Inc.

Resident Engineer: Randy Furst

Work: Rotomills and paves nearly three miles of I-25 in asphalt, excluding the I-25 HOV/tolled *Express Lanes*.

Work Hours: Sunday through Thursday from 8 p.m. to 5 a.m.

Duration: March 2008 through August 2008



- 15 Peoria Street over I-76
Perry Street over US 6
Tabor Street over I-70
McIntyre Street over State Highway 58
I-70 over 20th Street**
Cost: \$1.3 million
Contractor: ABCO Contracting Co. Inc.
Resident Engineer: Abe Lavassani
Work: Repairs the bridge decks at five locations in the Denver metro area. The rehabilitation includes rotomilling the existing asphalt mat, removing deteriorated concrete, replacing the bridge deck with new concrete, paving and striping.
Update: Work is complete on Peoria Street over I-76 and Perry Street over US 6. Repairs are now underway on Tabor Street over I-70. Work on Tabor Street is expected to continue until the end of April. Once work is done at Tabor Street, crews will move to the McIntyre Street bridge over SH 58.
Work Hours:
I-70: Occasional single lane closures may take place Sunday through Thursday from 8 p.m. to 5:30 a.m. with double lane closures beginning at 10 p.m..
Tabor Street: Currently, Tabor Street over I-70 is completely closed and will remain closed until the end of April.
Duration: October 2007 through May 2008
- 16 Parker Road (State Highway 83) near Arapahoe Road (State Highway 88)**
Cost: \$2.5 million (estimate)
Contractor: Yet to be determined
Resident Engineer: Abe Lavassani
Work: Constructs a sound wall on the northwest corner of the interchange as part of the larger project that will construct a grade-separated interchange, which will carry Parker Road over Arapahoe Road. Southbound Parker Road between Fair Street and the ramp to westbound Arapahoe Road will be widened to accommodate one additional lane.
Work Hours: Monday through Friday from 9 a.m. to 3 p.m.
Duration: June 2008 through October 2008
- 17 Brighton Boulevard (State Highway 265) - 47th Avenue to 54th Avenue**
Cost: \$800,000 (estimate)
Contractor: Yet to be determined
Resident Engineer: Abe Lavassani
Work: Rotomills and paves approximately 1.2 miles of Brighton Boulevard in asphalt.
Work Hours: Monday through Friday from 8:30 a.m. to 3:30 p.m. and Sunday through Thursday from 7 p.m. to 5:30 a.m.
Duration: April 2008 through June 2008
- 18 Havana Street/6th Avenue (State Highway 30) - 1st Avenue to Potomac Street**
Cost: \$2.7 million (estimate)
Contractor: Yet to be determined
Resident Engineer: Abe Lavassani
Work: Rotomills and paves approximately 2.5 miles of Havana Street/6th Avenue in asphalt.
Work Hours: Monday through Friday from 8:30 a.m. to 3:30 p.m.
Duration: May 2008 through July 2008



19 Wadsworth Boulevard (State Highway 121) at Layton Avenue

US 6 at 56th Avenue

Cost: \$735,000

Contractor: W.L. Contractors, Inc.

Resident Engineer: Ron Buck

Work: Upgrades the traffic signals at both intersections, including new signals, poles, controllers, mast arms and curb ramps. In addition, westbound 56th Avenue at US 6 will be widened to accommodate a right turn lane.

Update: All major work is complete including the widening and signal upgrades. Various lane closures may be necessary for landscaping and other minor items.

Work Hours: Monday through Friday from 8:30 a.m. to 3:30 p.m. and Sunday through Thursday from 7 p.m. to 5:30 a.m.

Duration: August 2007 through May 2008

20 I-70 - Golden to Ward Road (State Highway 72) (milepost 260-266)

I-25 - Alameda Avenue (State Highway 26) to Northglenn (milepost 208-220)

I-270 - Brighton Boulevard (State Highway 265) west two miles (milepost 2-4)

Cost: \$439,000

Contractor: United Rentals Highway Technologies, Inc.

Resident Engineer: Ron Buck

Work: Replaces sign structures at various locations along I-70, I-25 and I-270.

Update: Work on I-25 and I-270 is complete and crews will work along I-70 near US 6 for the remainder of the project. Crews need to complete embankment work and install guardrail at this location.

Work Hours: Sunday through Thursday from 7 p.m. to 5:30 a.m.

Duration: September 2007 through May 2008

21 Colfax Avenue (US 40) - Airport Boulevard to Tower Road

Cost: \$817,000

Contractor: Premier Paving, Inc.

Resident Engineer: Ron Buck

Work: Rotomills and paves approximately one mile of Colfax Avenue in asphalt.

Work Hours: Monday through Friday from 8:30 a.m. to 3:30 p.m.

Duration: April 2008 through September 2008

22 I-76 - Burlington Canal to Bromley Lane

Cost: \$1.2 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Ron Buck

Work: Installs approximately six miles of cable guardrail in the median of I-76 between milepost 16.13 and 22.41 to help prevent crossover accidents.

Work Hours: Monday through Friday from 8:30 a.m. to 3:30 p.m. and Sunday through Thursday from 7 p.m. to 5:30 a.m.

Duration: June 2008 through September 2008

23 C-470 at Santa Fe Drive (US 85)

Cost: \$300,000 (estimate)

Contractor: Yet to be determined

Resident Engineer: Ron Buck

Work: Installs a temporary drainage pipe to correct drainage issues in the northwest quadrant of the C-470/Santa Fe Drive interchange. Permanent repairs will be made when the interchange is reconstructed at a later date.

Work Hours: Ramp shoulder closures Monday through Friday from 8:30 a.m. to 3 p.m.

Duration: June 2008 through September 2008



24 **104th Avenue to Westbound US 36
120th Avenue to Southbound I-25
Quebec Street to Westbound I-270
Lucent Boulevard to Eastbound C-470
Southbound US 285 - Federal Boulevard to Lowell Boulevard/Knox Court**

Cost: \$900,000 (estimate)

Contractor: Yet to be determined

Resident Engineer: Ron Buck

Work: Installs ramp meters at five locations in the Denver metro area in order to improve traffic flow.

Work Hours: Ramp shoulder closures Monday through Friday from 8:30 a.m. to 3 p.m. and Sunday through Thursday from 8 p.m. to 5:30 a.m. Mainline highway lane closures will be minimal.

Duration: June 2008 through September 2008

25 **Chatfield State Park - Perimeter Road**

Cost: \$521,000

Contractor: Aggregate Industries

Resident Engineer: Rick Erjavec

Work: Widens the road between the entrance at Wadsworth Boulevard to the swim beach and the off-leash dog park to accommodate bike lanes.

Work Hours: There will be one lane open with alternating traffic Monday through Friday from 7 a.m. to 7 p.m.

Duration: March 2008 through May 2008

26 **I-25 - Santa Fe Drive to 6th Avenue**

Cost: \$3.4 million

Contractor: Premier Paving, Inc.

Resident Engineer: Rick Erjavec

Work: Rotomills and paves approximately two miles of I-25 in asphalt, replaces bridge expansion devices and makes some repairs to the pier columns on the Santa Fe Drive bridge.

Work Hours: Sunday through Thursday from 9 p.m. to 5:30 a.m.

Duration: April 2008 through August 2008



- 27** **I-25 HOV/Tolled *Express Lanes***
Cost: \$239,000
Contractor: DKS Enterprises, Inc.
Resident Engineer: Steve Hersey
Work: Replaces six variable message sign panels at the entrances to the I-25 HOV/tolled *Express Lane* facility.
Work Hours: Single lane closures Sunday through Thursday from 9 p.m. to 5:30 a.m.
Duration: April 2008 through May 2008
- 28** **Federal Boulevard (US 287) at 70th Avenue**
Cost: \$257,000
Contractor: W.L. Contractors, Inc.
Resident Engineer: Steve Hersey
Work: Installs pedestrian curb ramps, upgrades the traffic signal and replaces a culvert.
Work Hours: Single lane closures Monday through Friday from 9 a.m. to 3 p.m.
Duration: April 2008 through May 2008
- 29** **I-70, I-25 and I-225 - Various Locations**
Cost: \$495,000
Contractor: DKS Enterprises, Inc.
Resident Engineer: Steve Hersey
Work: Replaces overhead sign panels in various locations along I-70, I-25 and I-225 in the Denver metro area.
Work Hours: Sunday through Thursday from 8 p.m. to 5:30 a.m.
Duration: May 2008 through June 2008
- 30** **I-70, I-25 and I-225, I-270 and 6th Avenue - Various Locations**
Cost: \$659,000
Contractor: DKS Enterprises, Inc.
Resident Engineer: Steve Hersey
Work: Replaces 13 overhead sign structures and panels in various locations along I-70, I-25 and I-225, I-270 and 6th Avenue in the Denver metro area.
Work Hours: Monday through Friday from 9 a.m. to 2 p.m. and Sunday through Thursday from 8 p.m. to 5:30 a.m.
Duration: March 2008 through May 2008
- 31** **Ward Road (State Highway 72) at 62nd Avenue**
Cost: \$73,000 (estimate)
Contractor: Yet to be determined
Resident Engineer: Leela Rajasekar
Work: Installs two raised traffic islands between eastbound and westbound 62nd Avenue at each approach to Ward Road. These islands will prohibit traffic on 62nd Avenue from making left turns onto Ward Road and also from crossing over Ward Road. Only right turns from 62nd Avenue onto Ward Road will be allowed. Left turns will still be allowed from both northbound and southbound Ward Road onto eastbound and westbound 62nd Avenue.
Work Hours: Monday through Friday from 9 a.m. to 3 p.m.
Duration: June 2008 through July 2008
- 32** **(Hampden Avenue (US 285) at Brady Court**
Cost: \$385,000 (estimate)
Contractor: Yet to be determined
Resident Engineer: Leela Rajasekar
Work: Upgrades the traffic signal at the intersection, including new signals, poles, controllers, mast arms and replaces some sidewalk.
Work Hours: Monday through Friday from 8:30 a.m. to 3:30 p.m.
Duration: May 2008 through July 2008



33 I-25 - State Highway 52 to State Highway 119

Cost: \$36 million

Contractor: Flatiron Constructors, Inc.

Resident Engineer: James Flohr

Work: Reconstructs I-25 in concrete from four lanes to six lanes including two structures at Weld County Road (WCR) 20. The project will also reconstruct the frontage roads, construct retaining walls and install guardrail.

Update: To date, three miles of reconstruction on the frontage roads has been completed. The West Frontage Road between WCR 16 and WCR 18 and between WCR 20 and WCR 20.5 is complete as well as the East Frontage Road between WCR 18 and Raspberry Way. Crews have completed paving and have shifted southbound I-25 traffic onto the new concrete on the southernmost portion of the project. Crews are currently paving southbound I-25 from SH 119 to just south of WCR 20. The new southbound bridge over WCR 20 is nearly complete and traffic is expected to be shifted onto this new section in mid to late April.

Work Hours: Monday through Friday from 7 a.m. to 5 p.m. and Sunday through Thursday from 7 p.m. to 5:30 a.m. Impacts to I-25 will be minimal and will take place at night only.

Duration: November 2006 through March 2009

34 I-25 - State Highway 119 to State Highway 66

Cost: \$48.6 million

Contractor: Interstate Highway Construction

Resident Engineer: Scott Ellis

Work: Reconstructs and widens approximately 3.5 miles of I-25 in concrete from four lanes to six lanes and replaces five bridges including the I-25 bridges over the St. Vrain River and WCR 28 and the SH 66 bridge over I-25. The I-25/SH 66 interchange will also be reconstructed as well as the East Frontage Road.

Update: The contractor continues to work on mainline I-25 and the northbound structure at the St Vrain River. Work will continue on the eastbound portion of the SH 66 structure. As soon as this work is complete, eastbound and westbound traffic will be shifted to a temporary alignment onto this new partial structure. At this point, the existing SH 66 structure will be demolished, which will allow for the southbound I-25 portion of the proposed work to be completed by mid-summer. Work continues at WCR 28 so that the southbound structure can be complete at the same time as the southbound paving work.

Work Hours:

I-25: Sunday through Thursday from 7 p.m. to 5:30 a.m. with occasional weekend work. Impacts to I-25 will be minimal.

SH 66: Monday through Friday from 8:30 a.m. to 3:30 p.m. and Sunday through Thursday from 7 p.m. to 5:30 a.m.

Duration: September 2007 through Fall 2009

35 US 285/Deer Creek Interchange

Cost: \$5.1 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Steve Harelson

Work: Constructs a new grade-separated interchange at US 285 and Park County Roads 72 and 43.

Work Hours: Monday through Thursday from 8 a.m. to 5 p.m. and Friday from 8 a.m. to 3 p.m.

Duration: June 2008 through November 2008

36 US 285 - Foxton Road to Richmond Hill

Cost: \$8 million

Contractor: Lawrence Construction Co.

Resident Engineer: Steve Harelson

Work: Widens two miles of northbound and southbound US 285 from two to four lanes between Foxton Road in Conifer and Richmond Hill Road, including a new interchange just south of Richmond Hill Road and a new animal crossing under the highway, just north of Richmond Hill Road.

Update: All major work including the widening of US 285 was completed last year. This summer, crews will place the top layer of asphalt on US 285.

Work Hours: Monday through Thursday from 8 a.m. to 5 p.m. and Friday from 8 a.m. to 3 p.m.

Duration: June 2007 through July 2008



- 37 I-25 at RidgeGate Parkway**
www.southi25.com (contains information regarding projects 37-40)
Cost: \$20.5 million
Contractor: Ames Construction, Inc.
Resident Engineer: Kevin Radel
Work: Constructs a new interchange one mile south of Lincoln Avenue. The construction of this interchange will allow for the closure of two substandard I-25 interchanges in the future, Schweiger and Surrey Ridge. It will also lessen the congestion at the existing Lincoln Avenue interchange and will improve access to new development in the area. The project is funded by the City of Lone Tree, the Rampart Range Metropolitan District and CDOT. CDOT has construction oversight.
Work hours: Sunday through Thursday from 9 p.m. to 5:30 a.m.
Duration: September 2007 through April 2009
- 38 I-25 - 5th Street to Douglas Lane (Castle Rock)**
Cost: \$35 million (estimate)
Contractor: Yet to be determined
Resident Engineer: Kevin Radel
Work: Widens northbound and southbound I-25 from two to three lanes in each direction between 5th Street and Douglas Lane and reconstructs the Plum Creek interchange to accommodate the widening of I-25. The interchange will become a diamond interchange and will be able to handle more traffic than the existing interchange.
Work Hours: Sunday through Thursday from 9 p.m. to 5:30 a.m.
Duration: June 2008 through December 2009
- 39 I-25 - Douglas Lane to Tomah Road**
Cost: \$3.8 million
Contractor: Premier Paving, Inc.
Resident Engineer: Kevin Radel
Work: Rotomills and paves four miles of I-25 in asphalt.
Work Hours:
Northbound I-25: Sunday from 9 p.m. to 5:30 a.m. and Monday through Thursday from 7 p.m. to 5:30 a.m.
Southbound I-25: Sunday from 9 p.m. to 6:30 a.m. and Monday through Thursday from 8 p.m. to 6:30 a.m.
Duration: June 2008 through September 2008
- 40 I-25/I-25 Frontage Road - Meadows Parkway to Schweiger**
Cost: \$18.5 million (estimate)
Contractor: Yet to be determined
Resident Engineer: Carrie DeJiacomo
Work: Widens northbound and southbound I-25 between Schweiger and Castle Pines Parkway to four lanes in each direction and restripes northbound and southbound I-25 between Castle Pines Parkway and Meadows Parkway to accommodate a fourth lane in each direction. A two-lane frontage road will also be constructed to the east of I-25 between Schweiger and Castle Pines.
Work Hours: Monday through Friday from 7 a.m. to 6 p.m. and Sunday through Thursday from 9 p.m. to 5:30 a.m.
Duration: August 2008 through March 2010
- 41 I-70 - Morrison Road to Chief Hosa**
Cost: \$5.1 million
Contractor: Brannan Sand and Gravel Co.
Resident Engineer: Russel Cox
Work: Rotomills and resurfaces five miles of I-70 in asphalt, installs new guardrail and cleans the culverts.
Update: All work is complete except for the median curb and gutter that will be installed along eastbound I-70 east of the Lookout Mountain interchange (exit #256).
Work Hours: Single lane closures on eastbound I-70 only Monday through Thursday from 9 a.m. to 5:30 p.m.
Duration: June 2007 through May 2008



42 I-70 - Twin Tunnels (east of Idaho Springs)

Cost: \$2 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Russel Cox

Work: Installs new tunnel and approach lighting as well as new guardrail on the eastbound bore.

Work Hours: Monday through Thursday from 10 a.m. to 4 p.m. and Friday from 10 a.m. to noon; Sunday through Thursday from 8 p.m. to 8 a.m.

Duration: May 2008 through August 2008

43 I-70 - Empire Junction (US 40) to Fall River Road

Cost: \$5.8 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Russel Cox

Work: Rotomills and paves both directions of I-70 in asphalt, replaces concrete barrier, conducts some bridge repairs and installs new guardrail.

Work Hours:

Eastbound I-70: Sunday from 10 p.m. to 5:30 a.m. and Monday through Thursday from 7 p.m. to 7 a.m.

Westbound I-70: Sunday from 7 p.m. to 5:30 a.m. and Monday through Thursday from 8 p.m. to 7 a.m.

Duration: May 2008 through September 2008

44 I-70 - Bakerville to Silver Plume

Cost: \$1.4 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Russel Cox

Work: Installs approximately five miles of median guardrail on I-70 between Bakerville and Silver Plume to help prevent crossover accidents.

Work Hours:

Eastbound I-70: Sunday from 9 p.m. to 5:30 a.m. and Monday through Thursday from 6 p.m. to 5:30 a.m.

Westbound I-70: Sunday from 8 p.m. to 5:30 a.m. and Monday through Thursday from 8 p.m. to 5:30 a.m.

Duration: June 2008 through August 2008

45 I-70 - Eisenhower Tunnel to Silverthorne

Cost: \$6 million (estimate)

Contractor: Yet to be determined

Resident Engineer: Dave Wieder

Work: Rotomills and paves westbound I-70 in asphalt and installs new guardrail.

Work Hours: Monday through Friday from 6 a.m. to 7 p.m. and Sunday through Thursday from 7 p.m. to 6 a.m.

Duration: May 2008 through October 2008

46 I-70 - Eisenhower Tunnel

Cost: \$7.4 million

Contractor: Flatiron Constructors, Inc.

Resident Engineer: Dave Wieder

Work: Replaces tile wall panels in the eastbound bore of the Eisenhower Tunnel.

Work Hours: Sunday from 10 p.m. to 6 a.m. and Monday through Thursday from 8 p.m. to 6 a.m. If necessary, night work may take place on the weekends.

Duration: May 2008 through November 2008

Project Photos



The temporary alignment on Wadsworth Boulevard near Grandview Avenue (Project #2).



Rendering of the Wadsworth Boulevard, Grandview Avenue grade-separated intersection (Project #2).



Crews install girders for the new 128th Avenue bridge over I-25 which will carry four lanes instead of two (Project #3).



The eastern portion of the existing Washington Avenue bridge over SH 58 is demolished (Project #8).



Construction of the new flyover from eastbound I-70 to westbound SH 58 (Project #10).



Crews construct a retaining wall near the new flyover from eastbound I-70 to westbound SH 58 (Project #10).

Project Photos



Current condition of expansion joints on the I-70 viaduct (Project #11).



Girders have been installed for the new westbound SH 58 bridge over 44th Avenue (#12).



Bridge deck rehabilitation is underway on the Tabor Street bridge over I-70 (Project #15).



Concrete paving of some new I-25 lanes is underway as part of the I-25 widening project between SH 52 and SH 119 (Project #33).



The new SH 66 bridge over I-25 under construction as part of the I-25 widening project between SH 119 and SH 66 (Project #34).



Crews install girders for the new I-25 bridge over the St. Vrain River as part of the I-25 widening project between SH 119 and SH 66 (Project #34).



Maintenance Superintendent Rob Haines

CDOT Region 6 Maintenance Program- Denver Metro Area

The CDOT Region 6 Maintenance Program consists of 245 employees, responsible for maintaining approximately 3,850 lane miles.

Snow and ice control involves plowing and liquid and solid de-icing application. Our sand/salt usage continues to decrease despite an increase in tons applied this last winter, which was attributed to the severe winter. Alternative de-icers such as magnesium chloride, cold temperature modified magnesium chloride, APEX and Ice Slicer are more effective and environmentally-friendly than using salt and sand. Besides being used to reduce air pollution, these alternative de-icers also greatly improve mobility and safety during snow storms.

A Review of Winter 2007/2008

Around the Denver metropolitan area, CDOT maintenance crews are faced with the challenges of maintaining a transportation system in a heavily populated area with harsh climate changes. Below is a summary of CDOT snow removal operations in the Denver area for winter 2007/2008:

Snow Removal (Total Cost)

July 2006 - June 2007	July 2007 - March 2008	Percentage of Change
\$7,646,000	\$5,720,652	-25%

Magnesium Chloride (Gallons)

July 2006 - June 2007	July 2007 - March 2008	Percentage of Change
172,148	65,800	-62%

Cold Temperature Modified Magnesium Chloride (Gallons)

July 2006 - June 2007	July 2007 - March 2008	Percentage of Change
317,721	54,526	-83%

APEX- All temperature liquid de-icer (Gallons)

July 2006 - June 2007	July 2007 - March 2008	Percentage of Change
1,527,619	1,610,241	+4%

Ice Slicer (Tons)

July 2006 - June 2007	July 2007 - March 2008	Percentage of Change
22,375	17,771	-21%

Salt/Sand (Tons)

July 2006 - June 2007	July 2007 - March 2008	Percentage of Change
5,666	3,985	-30%

**Product Cost

Magnesium Chloride -	.33 cents per gallon
Cold temp modified Mag Chloride -	.64 cents per gallon
APEX- All temp. liquid de-icer	.67 cents per gallon
Ice Slicer -	\$78.02 a ton
Salt/Sand -	\$19.69 a ton

Denver Metro Area Maintenance Accomplishments

(July 2007 - March 2008)

- Snowplowed, sanded and/or de-iced over 771,800 miles of road
- Removed more than 98,300 cubic yards of trash (this does not include trash picked up through the Corporate Sponsorship program)
- Repaired 8,955 square yards of bridge deck
- Repaired approximately 19,800 potholes
- Spent \$3.5 million on pavement management including resurfacing and cracksealing