

CHOOSE YOUR MOVE



**US 36**  
EXPRESS LANES PROJECT

# XPRESS

August 2013

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US 36 Express Lanes Project recycling yard

## CONTRACTOR BUILDING “GREEN MILES” ON US 36 PROJECT

When you think “green,” a highway is probably the last thing that comes to mind, but the recycling efforts on the Colorado Department of Transportation’s (CDOT) US 36 Express Lanes Project may make you think again.

In a yard near 112th and US 36, Ames Granite Joint Venture, the design-build contractor, is crushing and recycling approximately 335,000 tons of concrete and asphalt and putting nearly 93 percent of it back into the project for the new roadway and bike path. While the sheer amount of recycled material is impressive, the largely unseen but biggest benefit of the effort is the large reduction in the number of trucks needed to haul material. Because the recycling yard is on-site, truck trips are reduced, causing fewer impacts to the public and environment, and less cost to the project.

“This level of recycling isn’t always cost-effective on projects of this scale,” said Mark Gosselin, CDOT Project Director, “but when you can eliminate 13,750 truckloads over the course of the project, it makes sense from a cost and sustainability perspective.”

In addition, Ames Granite Joint Venture has its sights set on re-using approximately 144,000 tons of material from the old Westminster Mall that is being redeveloped by the City of Westminster, and recycling close to 750 tons of steel and other material from old bridges on the project.

“We are committed to reducing our carbon footprint on jobs as much as we can,” said Jason Estes, Ames Granite Joint Venture construction manager. “It’s true that our recycling process is faster and more efficient for us, but sustainability is a big focus of Ames Granite. If we can do something that benefits the project and the environment, then it’s a win-win.”

## US 36 PROJECT UPDATES

This summer is the busiest construction season so far on US 36, and the team has been hitting new milestones each week. See below for what we have been up to so far and what's to come this fall.

### Milestones through July 2013

Eight out of 10 miles have been successfully realigned, allowing for construction activities throughout the project on the north and south side of US 36 to continue.

Girder installation is complete on the following bridges on US 36:

- Uptown Avenue
- Wadsworth Parkway
- West Flatiron Crossing (westbound US 36 side)
- East Flatiron Crossing
- Sheridan Boulevard (Phase I)

The decks on the Wadsworth Parkway and Uptown Avenue bridges have been poured.

The Interlocken and Big Dry Creek pedestrian underpasses have been completed.

The first section of concrete pavement has been placed south of the new Wadsworth bridge and on mainline US 36 (East Flatirons Crossing Drive to Wadsworth Parkway).

Demolition is complete on the US 36 bridge over West Flatiron Crossing on the eastbound US 36 side.

### Upcoming Construction Activities August-September 2013

Girders will be installed on the following bridges:

- West Flatiron Crossing (eastbound US 36 side)
- Promenade (eastbound US 36 side)
- US 36 bridge over the Burlington Northern Santa Fe (BNSF) Railway
- US 36 bridge over Lowell Boulevard



Box culvert installation for pedestrian underpass at Wadsworth Parkway



Uptown Avenue bridge girders

Three new Wadsworth access ramps are complete:

- Northbound Wadsworth to westbound US 36
- Southbound Wadsworth to westbound US 36
- Westbound US 36 off-ramp to Wadsworth Parkway

Wall construction and dirt fill is complete in some areas, including southbound Wadsworth Parkway.

The following structures will be demolished in September 2013:

- Wadsworth Parkway bridge
- Old Wadsworth Parkway bridge

All of the Wadsworth ramps on and off of US 36 will be complete. Guard and decorative rail will be installed on Wadsworth Parkway.

Retaining walls will be completed at the BNSF and Promenade Drive bridges.

Crews will continue with box culvert installation for the completion of the pedestrian underpass construction at Wadsworth Parkway.

Noise wall removal will continue between Sheridan and Federal Boulevard for the construction and installation of the new noise walls.



## US 36 EXPRESS LANES PHASE 1 PROJECT FACTS

### Project Boundaries

Federal Boulevard to 88th Street in Louisville/Superior

### Project Elements

The US 36 Express Lanes Project is a multi-modal project led by the Colorado Department of Transportation (CDOT), Colorado High Performance Transportation Enterprise (HPTE), and Regional Transportation District (RTD) to reconstruct 11 miles of US 36 from Federal Boulevard to 88th Street in Louisville/Superior.

### The project will:

- Add an express lane in each direction of US 36 for Bus Rapid Transit (BRT), High Occupancy Vehicles (HOV) and tolled Single Occupancy Vehicles (SOV);
- Reconstruct existing pavement on US 36 and widen the highway to accommodate 12-foot inside and outside shoulders;
- Replace the Wadsworth Parkway, Wadsworth Boulevard (at 112th Avenue), and Sheridan Boulevard bridges, and the US 36 bridges over Lowell Boulevard and the Burlington Northern Santa Fe Railway;
- Make improvements to the Westminister Promenade, East and West Flatiron Crossing Bridges;
- Add BRT improvements, including new electronic display signage at stations and bus priority improvements at ramps. The improvements also will allow buses to operate on the shoulders of US 36 and between interchanges to decrease bus travel time.
- Install Intelligent Transportation Systems (ITS) for tolling, transit, traveler information and incident management;
- Install a separate commuter bikeway along much of the corridor; and
- Improve RTD stations along the corridor, including new canopies with enhanced weather protection.

## 112th Avenue/Wadsworth Boulevard Closure

As part of the US 36 Express Lanes Project, a three-week closure of Wadsworth Boulevard and 112th Avenue is required to connect the new Uptown Avenue bridge to the local streets. The closure will start in early September. The work includes construction of the embankment, curb and gutter, roadway and new signals at the two intersections.

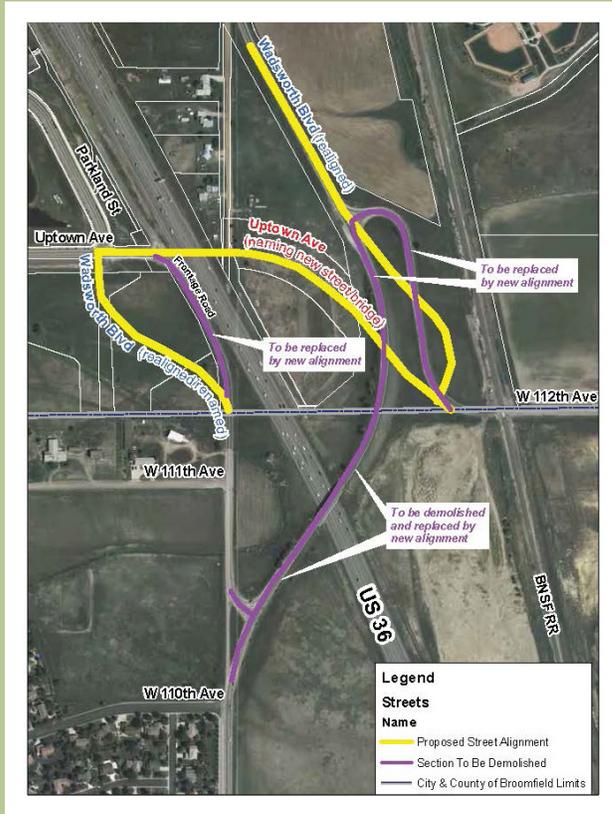


Illustration of new roadway alignment and old roadway to be demolished

## 112th Avenue (Olde Wadsworth) Detour



Closure area and detour route

## 36 Commuting Solutions: Take the Bus on Us! Try the 10-Ride Ticketbook

During the US 36 Express Lanes Project, [36 Commuting Solutions](#) will provide commuters with a FREE RTD 10-Ride Ticketbook (valued at \$45 each) upon completing a simple [application](#) and [short survey](#).

*“Ever since I tried the bus using my 10-Ride ticketbook, I now ride the bus to work every day. Had I known how convenient and stress-free riding the bus would be, I would have started years ago!”*

*-Christine Dante*

US 36 offers multiple [transit options](#) with Regional service arriving every 15 minutes or less during peak commuting times! Local, Express and Call-n-Ride services reach adjacent neighborhoods as well, making your commute potentially car-free. The cost savings and reduced commute stress just may surprise you. So give [RTD](#) a try for free today!



For more information on this and other US 36 commuter incentives, visit <http://36commutingsolutions.org/commuting-us-36/incentives/>.



Commuting Solutions