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Paid for by the City of Loveland

Dateline: LOVELAND

City of Loveland

CFI project now under way

Motorists in Loveland have no doubt noticed the construction that has been under way at the Eisenhower/Madison intersection. This month, that construction effort expands significantly.

It's all part of the continuous flow intersection (CFI) project that will make Madison left-turns safer and easier while actually decreasing redlight waits in all directions.

Loveland residents and readers of City Update probably remember announcements of this unusual intersection design from last September in *City Update*, on TV channel 16, on the City website, videos on YouTube, open houses, letters to area residents and businesses, and more.

At the intersection, motorists on Madison wanting to turn left onto Eisenhower often had to wait for two or even three traffic light cycles. And while Madison motorists are turning left, Eisenhower drivers see red.

With the new CFI design, both Madison left-turners (Lefties) and through-traffic (Throughs) will all be moving together. That's what a CFI accomplishes — Lefties and Throughs move simultaneously, which then shortens the red-light time for main traffic on Eisenhower.

How does this work? From Lefty's driver's seat, it's the normal procedure… mostly:

- pull into the left lane
- wait for the green arrow
- follow the protected lane and turn left at the main intersection
- And at the same time, all the Throughs are moving

The only real difference for the Lefties is where they stop; not at the intersection but before it.

Check it out

Examining the diagram here will make this design easier to understand. For a better understanding, visit *www.cityofloveland.org* and watch two brief videos explaining CFI.

The "New Traffic Flow Concept" video includes animation that offers a birdseye view of the CFI traffic flow design. The "Take a Drive thru a CFI" video provides a driver's-seat experience at a similar CFI in Salt Lake City.

In addition to the City website *www.cityofloveland.org*, both videos plus a half-hour "Loveland's Talking" TV show about the project are available at the YouTube CityofLoveland channel.

CONTINUOUS FLOW INTERSECTION

To better understand CFI, view brief videos at *www.cityofloveland.org*

Construction Phases

The construction project is scheduled for completion in December. From July into September, the north Madison portion of the intersection will be closed. When it reopens in September, the south Madison portion will then close for construction until mid-November.

The intersection is expected to reopen as a CFI by Thanksgiving, with the final cleanup and landscaping efforts completed in December. Access to all businesses and residences will be maintained throughout the entire project.

The CFI project will result in increased traffic flow, a safer intersection and less red light time for motorists at both Madison and Eisenhower.

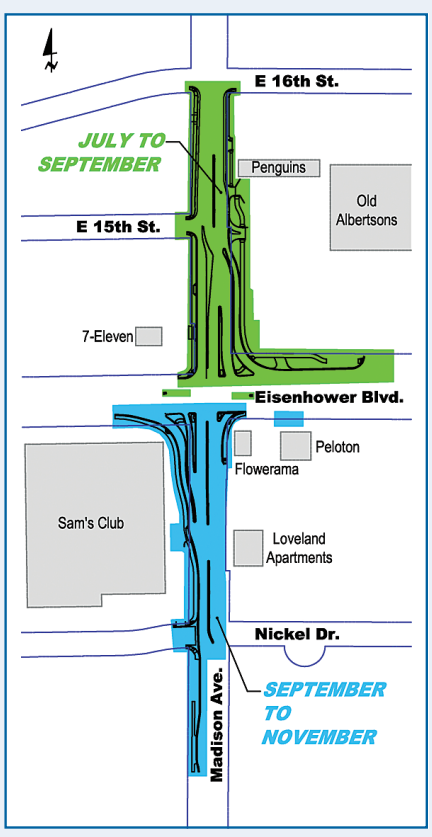
Intersection project efforts date back to 2007

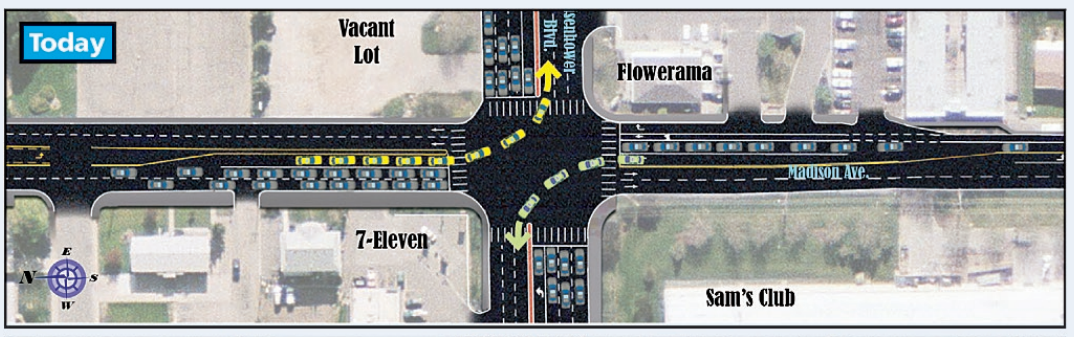
The process leading to the groundbreaking last month for the continuous flow intersection (CFI) at Eisenhower and Madison has included information and interaction with Loveland residents, nearby property owners and the Colorado Department of Transportation (CDOT) since 2007. The need for expansion of the intersection became apparent years before.

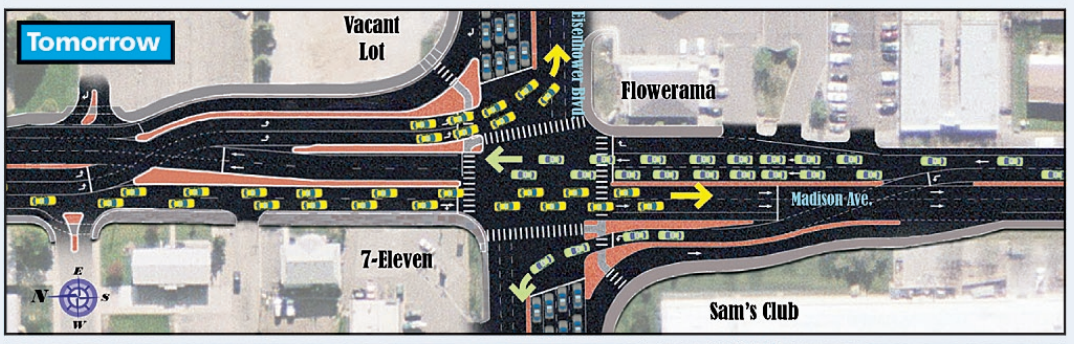
In general, 2007 involved developing and evaluating three intersection design alternatives. During 2008, the alternatives were presented to the public, city council and CDOT for analysis and review. The CFI design was selected.

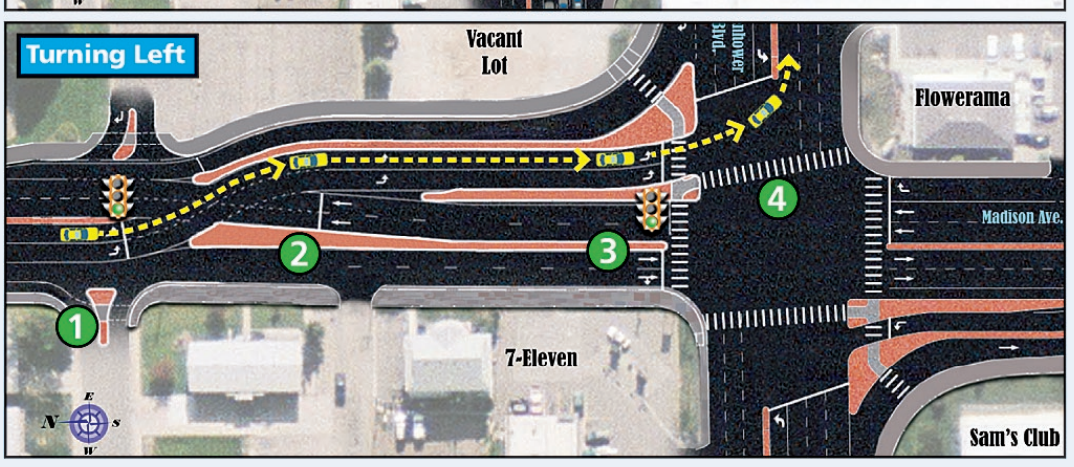
Once selected, the actual CFI design work began in 2009 along with continuing efforts to inform the community about CFI traffic flow operation. 2010 began with land acquisition and final design for the expanded intersection, followed by construction bids, approval and groundbreaking in June.

Construction Closures









Today and tomorrow

The three graphics shown here provide overviews of the Madison/Eisenhower intersection. The first shows the intersection as it is today, and indicates that when the two left-turn lanes on both northbound and southbound Madison have green arrows, everyone else in all four directions waits at red lights.

The second graphic indicates the completed Continuous Flow Intersection design, where traffic on Madison—northbound and southbound left-turners and through-traffic—move simultaneously.

The third graphic focuses on an individual car turning left from southbound Madison onto Eisenhower. The motorist:

1. *waits in the left-turn lane for a green arrow,*
2. *proceeds across the northbound lanes,*
3. *continues in the southbound left-turn lane and receives a synchronized second green arrow at the intersection,*
4. *turns left onto Eisenhower.*

Piece of cake!