

# SOUTH FEDERAL CORRIDOR IMPROVEMENTS

## WELCOME TO THE SOUTH FEDERAL GREEN INFRASTRUCTURE PROJECT

### PUBLIC OPEN HOUSE

October 25, 2018

The City and County of Denver Department of Public Works, in collaboration with the Colorado Department of Transportation, WalkDenver, West Denver Renaissance Collaborative, and Denver Police Department welcome you to the

South Federal Green Infrastructure Project Open House. Here you will learn more about the Green Infrastructure improvements as well as other improvement projects designed to create safer environments for the communities in this corridor.

#### PUBLIC OPEN HOUSE AGENDA

5:30-5:45 pm	Open House
5:45-5:50 pm	Project Team Welcome Remarks
5:50-6:00 pm	Councilman Clark Remarks
6:00-7:30 pm	Open House

#### Open House Format

There are several areas set up to provide information about the different improvement projects. The project team members will be wearing name badges to easily identify themselves. Please feel free to ask questions, express your concerns, and provide comments to any of the project team members. There is also a comment area where you can fill out your comments and deposit them in our Comment Box.

Each improvement project table will have their own handouts. Please visit all the tables to get familiar with the design and construction of the improvements and their impacts. All the presentation exhibits for the South Federal Green Infrastructure Project will be available online [[bit.ly/SouthFederalProject](http://bit.ly/SouthFederalProject)] by Monday, October 29.

#### To stay informed:

Call our project hotline at 303-900-7701  
E-mail us at [SouthFederalProject@gmail.com](mailto:SouthFederalProject@gmail.com)  
Log on to our website [bit.ly/SouthFederalProject](http://bit.ly/SouthFederalProject)

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# SOUTH FEDERAL CORRIDOR IMPROVEMENTS

## THE FEDERAL BOULEVARD CORRIDOR PLAN

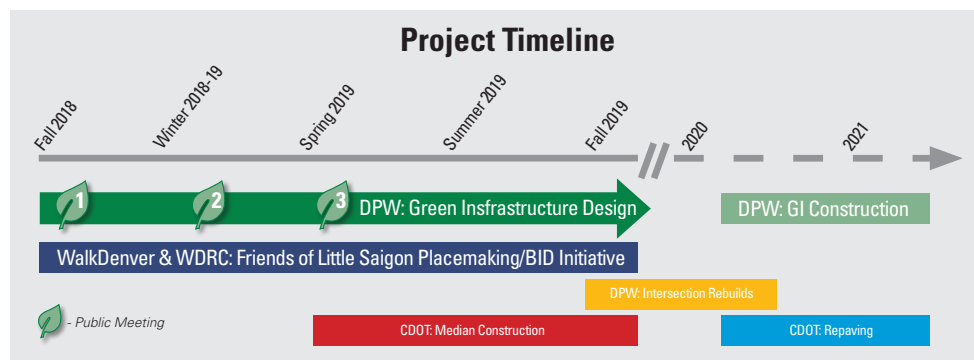
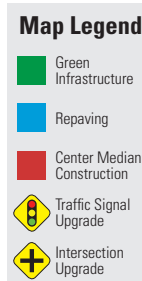
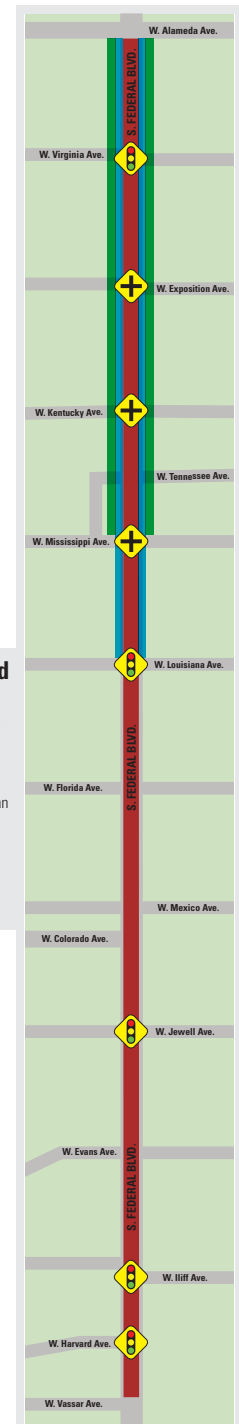
The Federal Boulevard Corridor Plan (2017) provides both long-term visions for the future of Federal Boulevard as well as short-term and “quick win” projects that will transform the corridor. This plan is the result of a multi-year effort by community stakeholders, local organizations, and governmental agencies.

The South Federal Corridor Improvements include:

- Green Infrastructure Improvements within the Public Right-of-Way between Alameda and Mississippi
- Little Saigon Business District – Placemaking Initiative between Alameda and Mississippi
- Traffic signal upgrades at Virginia, Jewell, Louisiana, Iliff, and Harvard
- Intersection improvements at Exposition, Kentucky and Mississippi
- Center Median - Alameda to Vassar
- Street Repaving - Alameda to Louisiana



Rendering from 2017 Federal Corridor Study.



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# SOUTH FEDERAL GREEN INFRASTRUCTURE PROJECT

## STORMWATER QUALITY COMMON SOURCES OF URBAN POLLUTANTS



Fertilizers    Litter    Pet-waste    Dumpsters    Vehicle exhaust, automotive fluids, etc.

### COMMON POLLUTANTS FOUND IN URBAN STORMWATER



### IMPACTS OF POLLUTED STORMWATER



**PUBLIC HEALTH:** E.coli levels in Denver's streams and river often exceed swimmable beach standards set by the EPA.



**ENVIRONMENT:** Water quality in most of the streams in Denver is not sufficient to support a healthy and diverse population of aquatic wildlife.

### WHY ADDRESS WATER QUALITY WITH GREEN INFRASTRUCTURE?

#### ECONOMIC

- Cost effective approach to stormwater management that meets multiple goals
- Increased property values
- Increased building efficiency and reduced energy costs

#### ENVIRONMENT

- Healthier South Platte River, streams, gulches and lakes
- Improved aquatic and terrestrial habitat
- Better air quality
- Reduced urban heat island effect

#### QUALITY OF LIFE

- Increased resiliency Denver's neighborhoods
- Enhanced recreational corridors
- Healthier, greener neighborhood connections
- Educational opportunities



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# STORMWATER PLANTER

## GREEN INFRASTRUCTURE

Green infrastructure plays an important role in providing treatment to stormwater runoff before it is conveyed to our streams and rivers. By directing stormwater runoff through a vegetated green infrastructure facility, pollutants are removed as stormwater filters through plant material and soil. Without green infrastructure, most stormwater runoff is conveyed directly from the surface of our roads to the pipes in our storm drainage system which release directly into our streams and rivers, carrying with it pollutants and debris.

Green Infrastructure (GI) is currently included in planning efforts across the City. Benefits of GI include:

- improved water quality
- peak flow reduction
- place-making
- high-quality environments for pedestrian and cyclists
- additional green space
- lower local temperatures
- improved air quality



*Potential Green Infrastructure Along South Federal Boulevard.*

## EXAMPLES OF GREEN INFRASTRUCTURE



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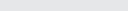


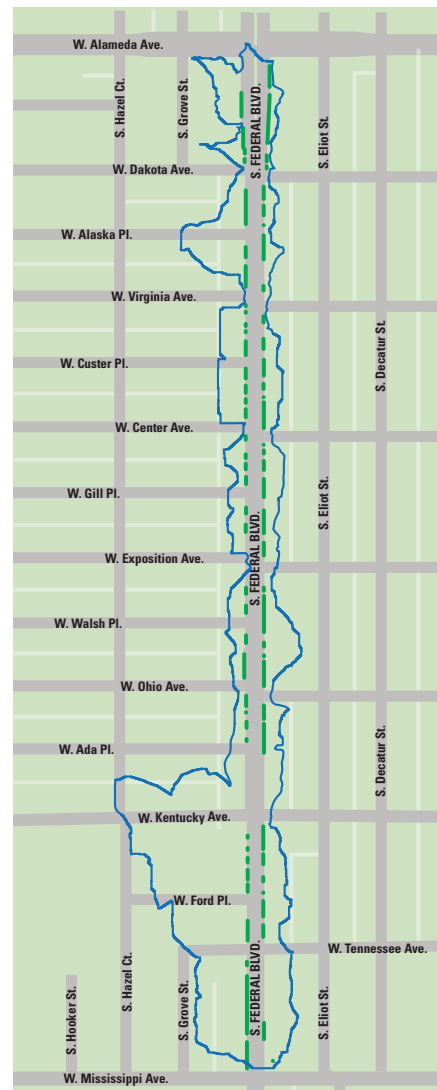
# SOUTH FEDERAL GREEN INFRASTRUCTURE PROJECT

## PROJECT GOALS

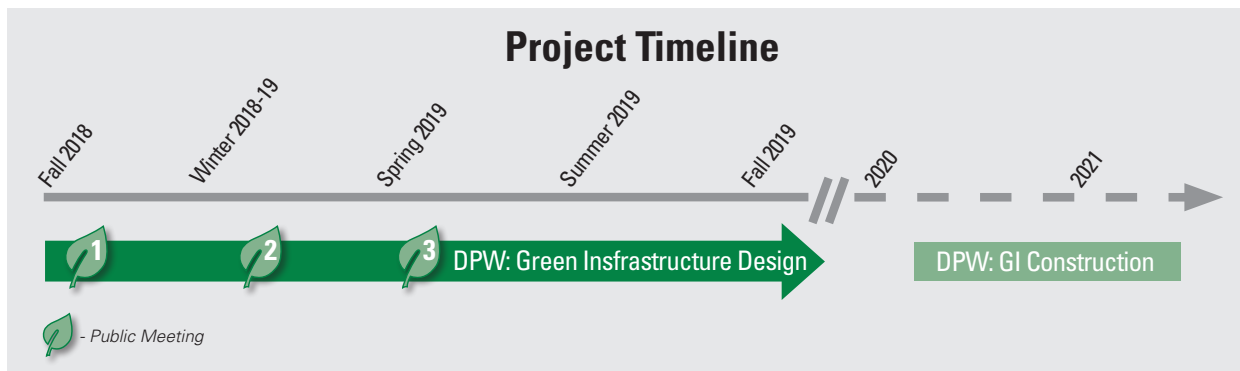
- Improve storm runoff water quality using Green Infrastructure from South Federal Right-of-Way from Alameda to Mississippi
- Install Green Infrastructure facilities within the existing Right-of-Way
- Coordinate Activities with other South Federal Corridor Improvements

### Map Legend

-  Example Green Infrastructure Locations
-  Approx. Runoff Basin Boundary



### Project Timeline



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