

# Welcome

## 53 Avenue Overpass over Whitemud Drive Rehabilitation

### Public Information Session

Wednesday, March 9, 2016  
4:30 - 8:00 p.m.

### Tonight you can:

- Learn about the 53 Avenue Overpass rehabilitation and construction impacts
- Ask questions of the project team
- Leave us your feedback

# Overview: 53 Avenue Overpass Over Whitemud Drive Rehabilitation

The 53 Avenue Overpass was built in 1977 as a two-span structure carrying six lanes of traffic (including two turning lanes) and two pedestrian walkways over Whitemud Drive.

Maintenance and rehabilitation construction begins in March 2016 to extend its life.

Construction will take place on half of the bridge at a time and include:

- Replacement of bridge girders and deck.
- Minor substructure repairs.

**Major Construction Schedule:** Spring to Fall 2016  
Minimal construction on 53 Avenue in Spring 2017

# Overview: 53 Avenue Overpass Over Whitemud Drive Rehabilitation

- Traffic on 53 Avenue will have lane reductions.
- Traffic on Whitemud Drive will also be detoured locally to avoid vehicles directly under the construction zone. In preparation for the construction detours, lane crossovers were constructed on Whitemud Drive in 2015.
  - Three detour configurations are planned, depending upon the stage of the overpass rehabilitation.
  - Signs will prewarn drivers of detours.



# Construction Impacts

- **Lane reduction: Overpass** - One traffic lane plus a turning lane in each direction will remain open.
- **Lane reduction: Whitemud Drive** - Two traffic lanes in each direction will remain open during temporary detours.
- **Ramp closures** - Terwillegar north bound ramp for short durations.

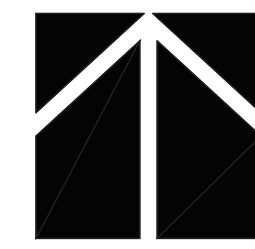


- **Bus stop temporary relocation** - Bus stops will be moved out of the construction area.
- **Bus Route Modifications** - Bus schedules will be adjusted as required, expect minor delays.
- **Pedestrian detour** - Pedestrians will be detoured to either side of the bridge.
- **Speed reductions** - Construction zone speed limits will be enforced on Whitemud Drive and 53 Avenue.

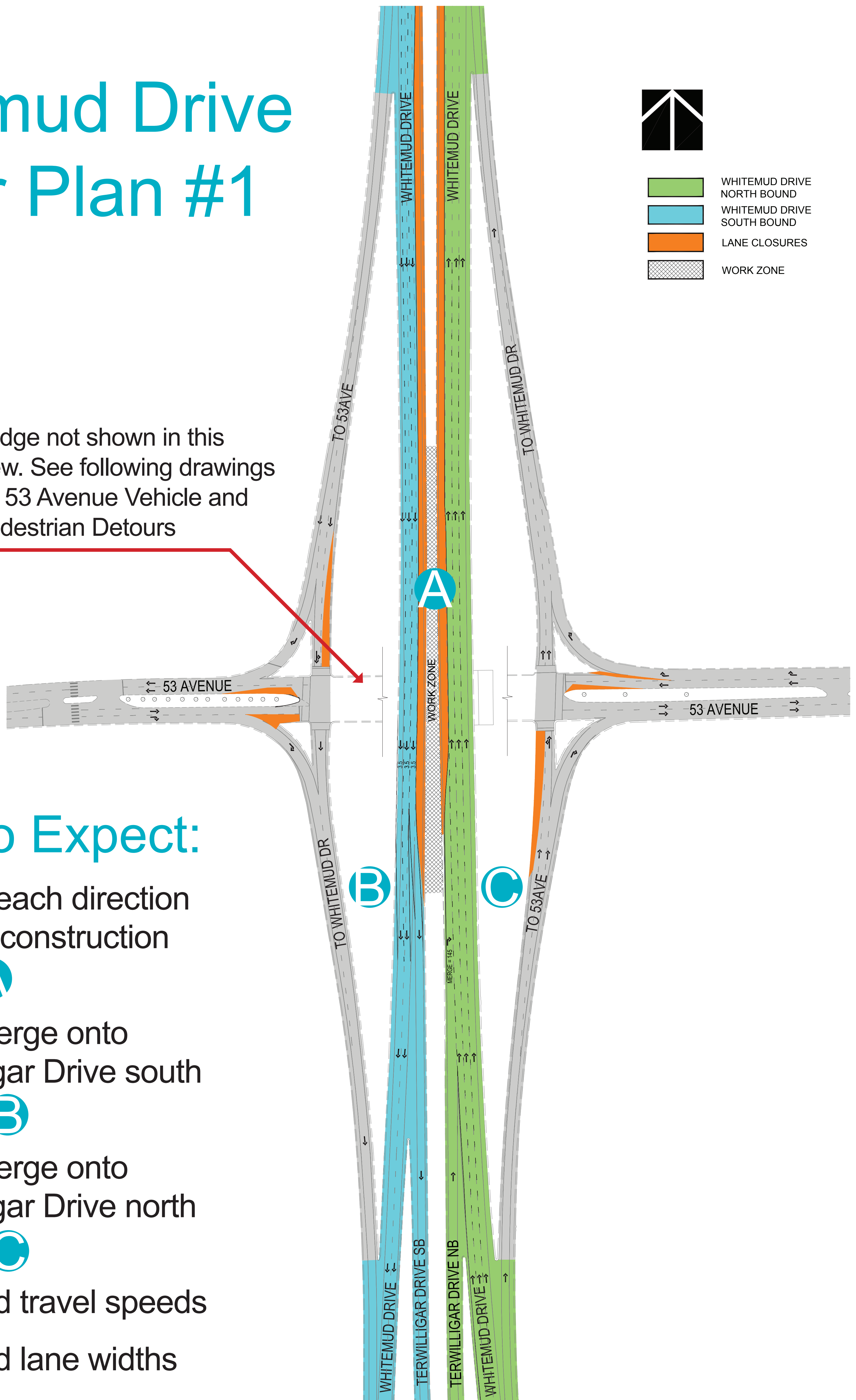


# Whitemud Drive Detour Plan #1

Bridge not shown in this view. See following drawings for 53 Avenue Vehicle and Pedestrian Detours



	WHITEMUD DRIVE NORTH BOUND
	WHITEMUD DRIVE SOUTH BOUND
	LANE CLOSURES
	WORK ZONE

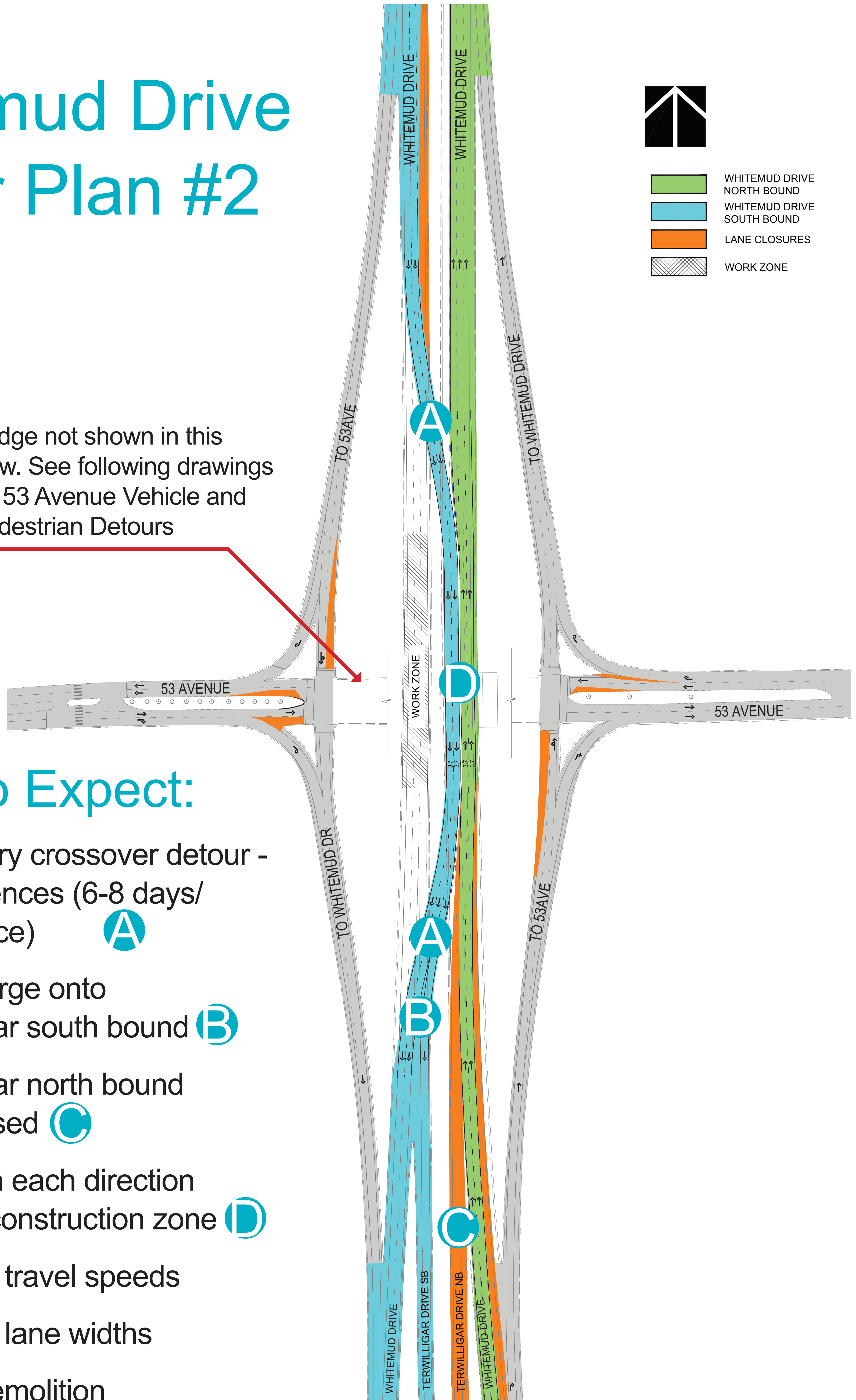
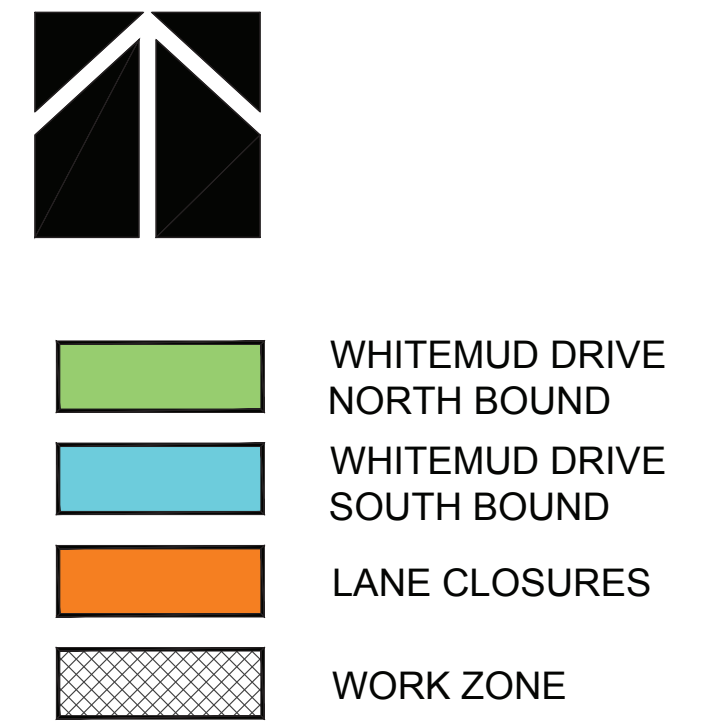


## What to Expect:

- 3 lanes each direction through construction zone **A**
- Short merge onto Terwillegar Drive south bound **B**
- Short merge onto Terwillegar Drive north bound **C**
- Reduced travel speeds
- Reduced lane widths

# Whitemud Drive Detour Plan #2

Bridge not shown in this view. See following drawings for 53 Avenue Vehicle and Pedestrian Detours



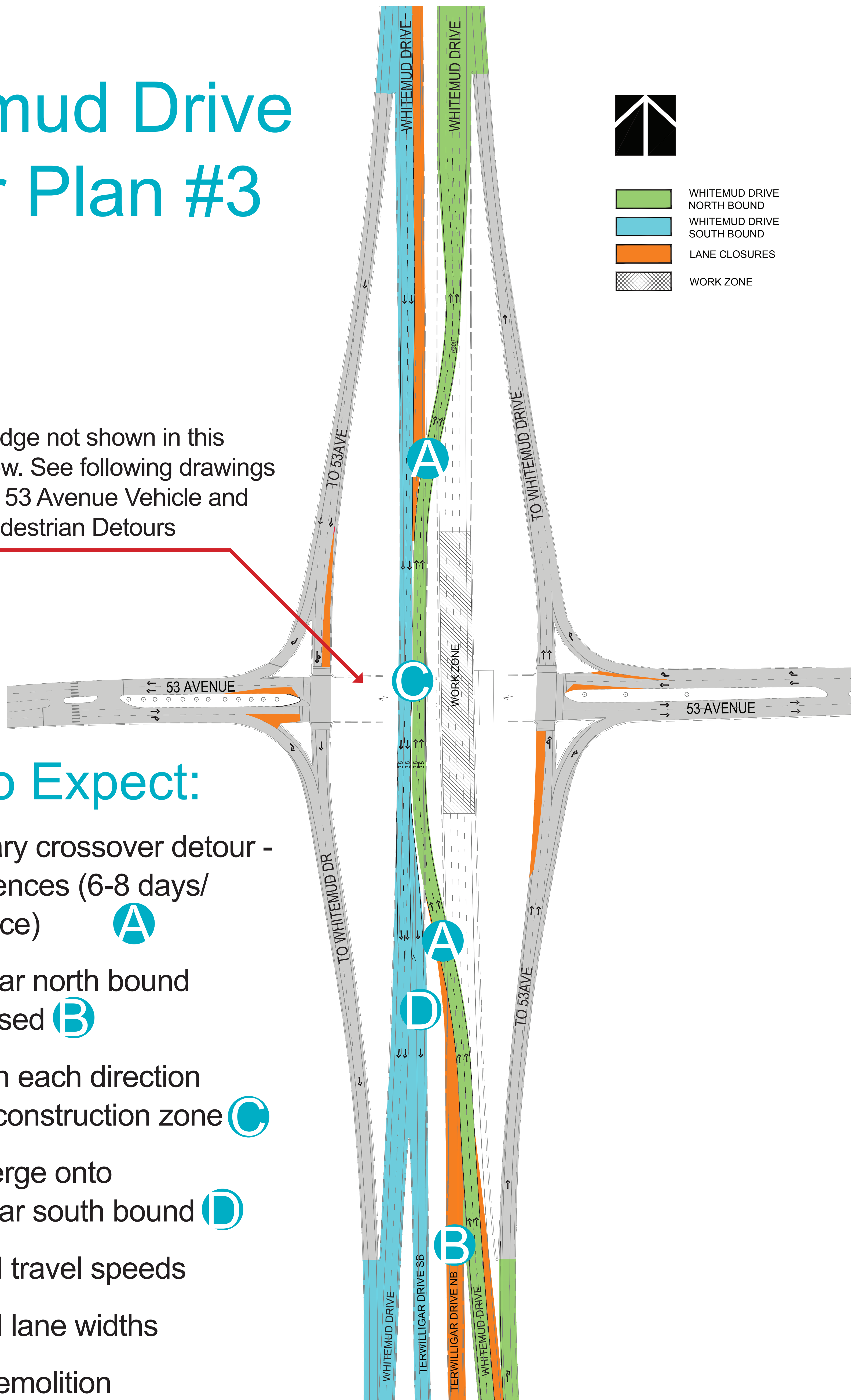
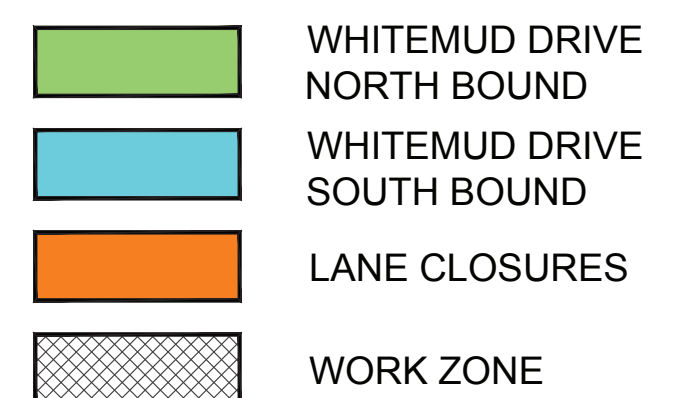
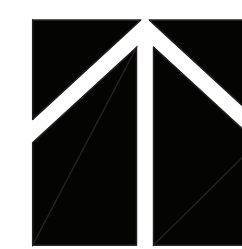
## What to Expect:

- Temporary crossover detour - 4 occurrences (6-8 days/occurrence) **A**
- Short merge onto Terwillegar south bound **B**
- Terwillegar north bound ramp closed **C**
- 2 lanes in each direction through construction zone **D**
- Reduced travel speeds
- Reduced lane widths
- Bridge demolition



# Whitemud Drive Detour Plan #3

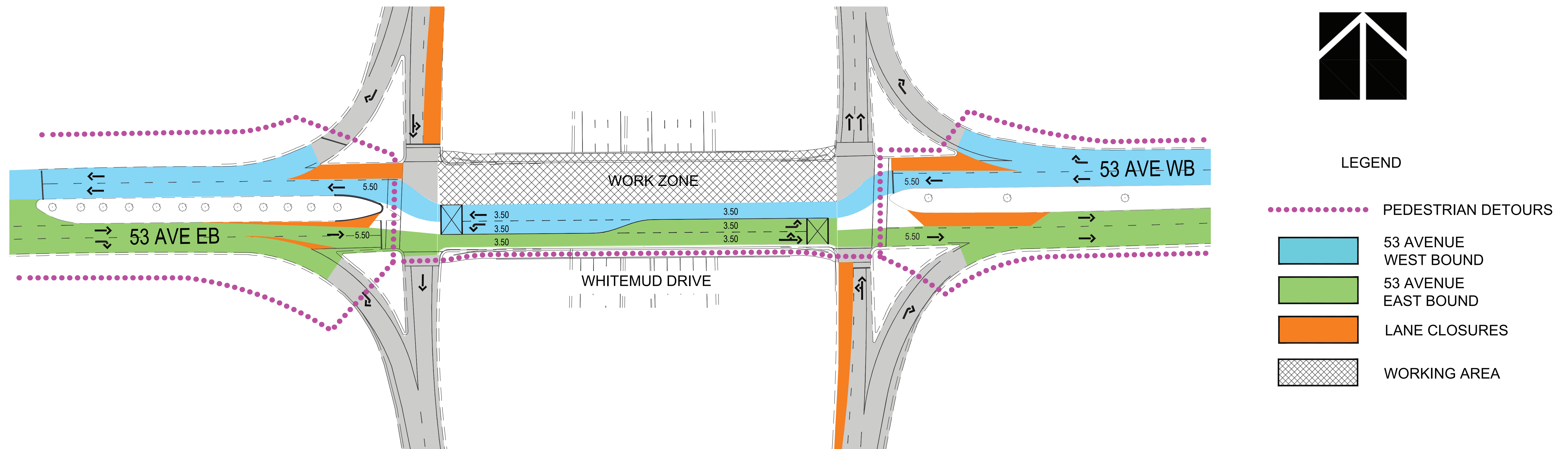
Bridge not shown in this view. See following drawings for 53 Avenue Vehicle and Pedestrian Detours



## What to Expect:

- Temporary crossover detour - 4 occurrences (6-8 days/occurrence) **A**
- Terwillegar north bound ramp closed **B**
- 2 lanes in each direction through construction zone **C**
- Short merge onto Terwillegar south bound **D**
- Reduced travel speeds
- Reduced lane widths
- Bridge demolition

# 53 Avenue Vehicle and Pedestrian Detours



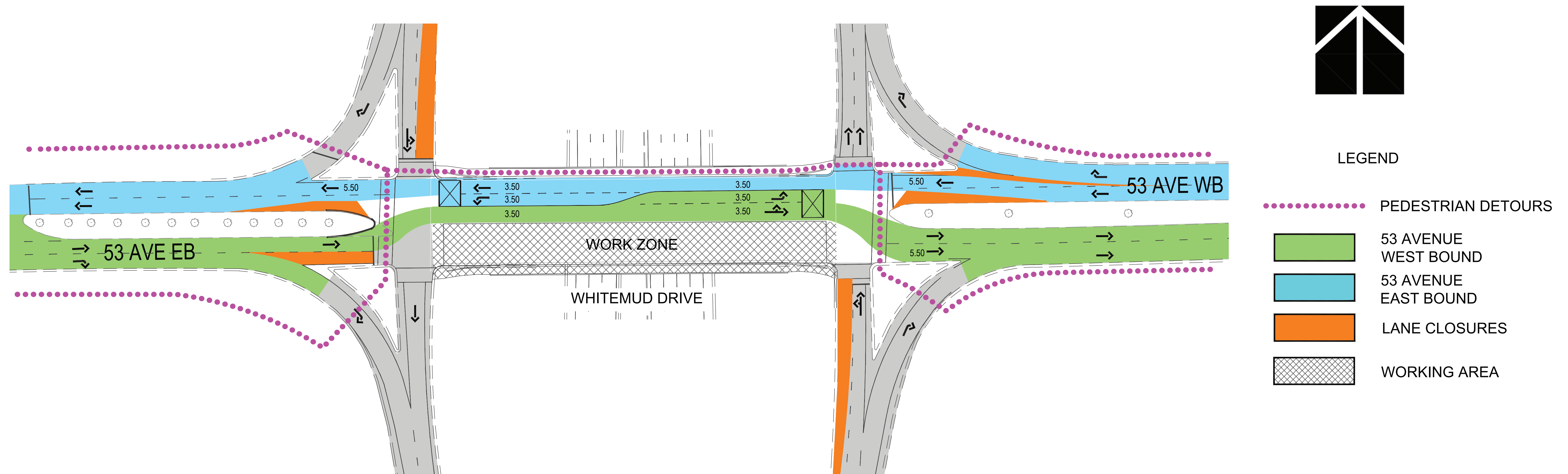
## What to Expect:

- One lane in each direction
- One turning bay in each direction
- Pedestrian traffic on south sidewalk across bridge
- North sidewalk closed
- Recommend cyclists dismount crossing bridge

**Stage 1 Construction on North Half of Bridge**



# 53 Avenue Vehicle and Pedestrian Detours



## What to Expect:

- One lane in each direction
- One turning bay in each direction
- Pedestrian traffic on north sidewalk across bridge
- South sidewalk closed
- Recommend cyclists dismount crossing bridge

**Stage 2 Construction on South Half of Bridge**

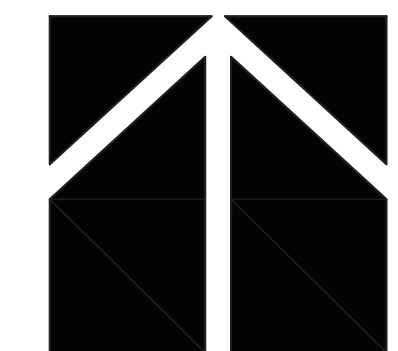
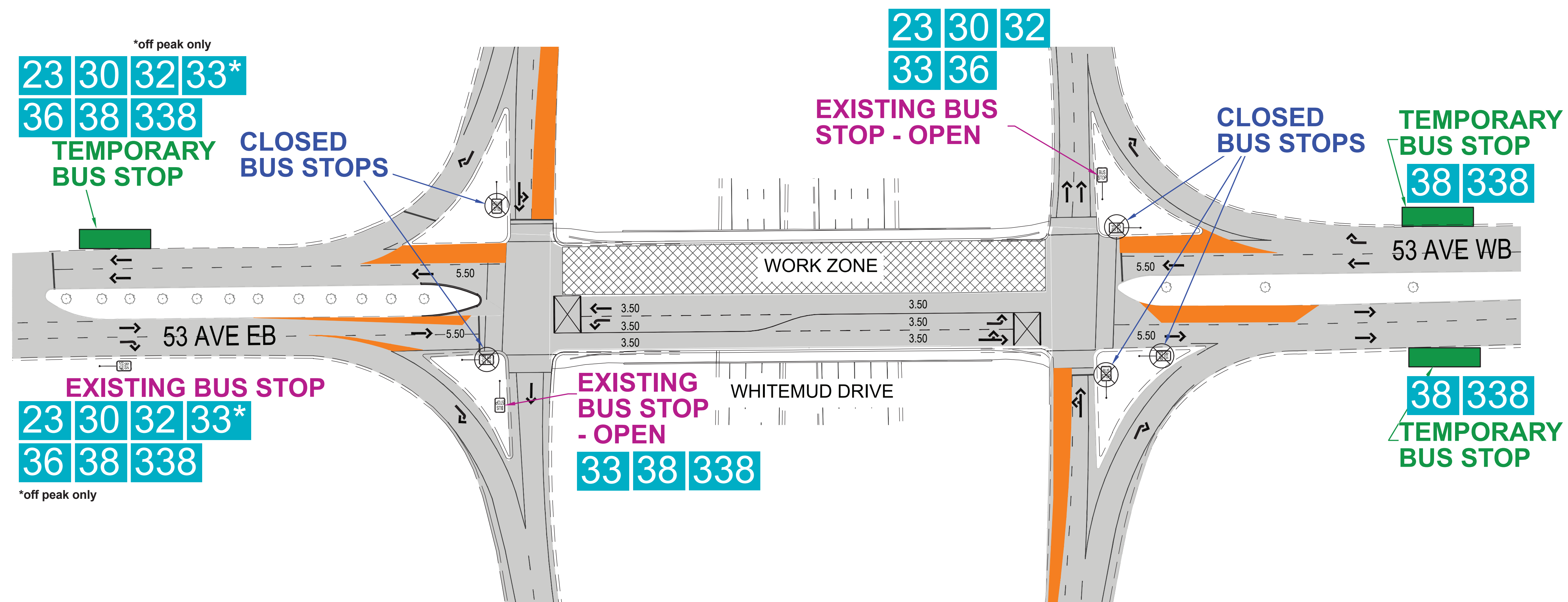
# Temporary Bus Stop and Schedule Changes

## What to Expect:

- Five bus stops within the construction zone will be closed and replaced by three temporary bus stops, located outside the construction zone.
- Effective April 24th, additional travel time will be added to routes 23, 30, 32, 33, 36 and 38. ETS will monitor and adjust as required.
- New schedules will be posted at the bus stops and available online at **[www.takeETS.com](http://www.takeETS.com)**.
- The schedule for Route 338 will not change, however some bus stops will be temporarily relocated.



# Temporary Bus Stop Changes



## LEGEND

- TEMPORARY BUS STOP
- BUS STOP
- EXISTING BUS STOP TO BE CLOSED
- BUS ROUTE NUMBER

Temporary Bus Stop Changes for Stage 1 and 2