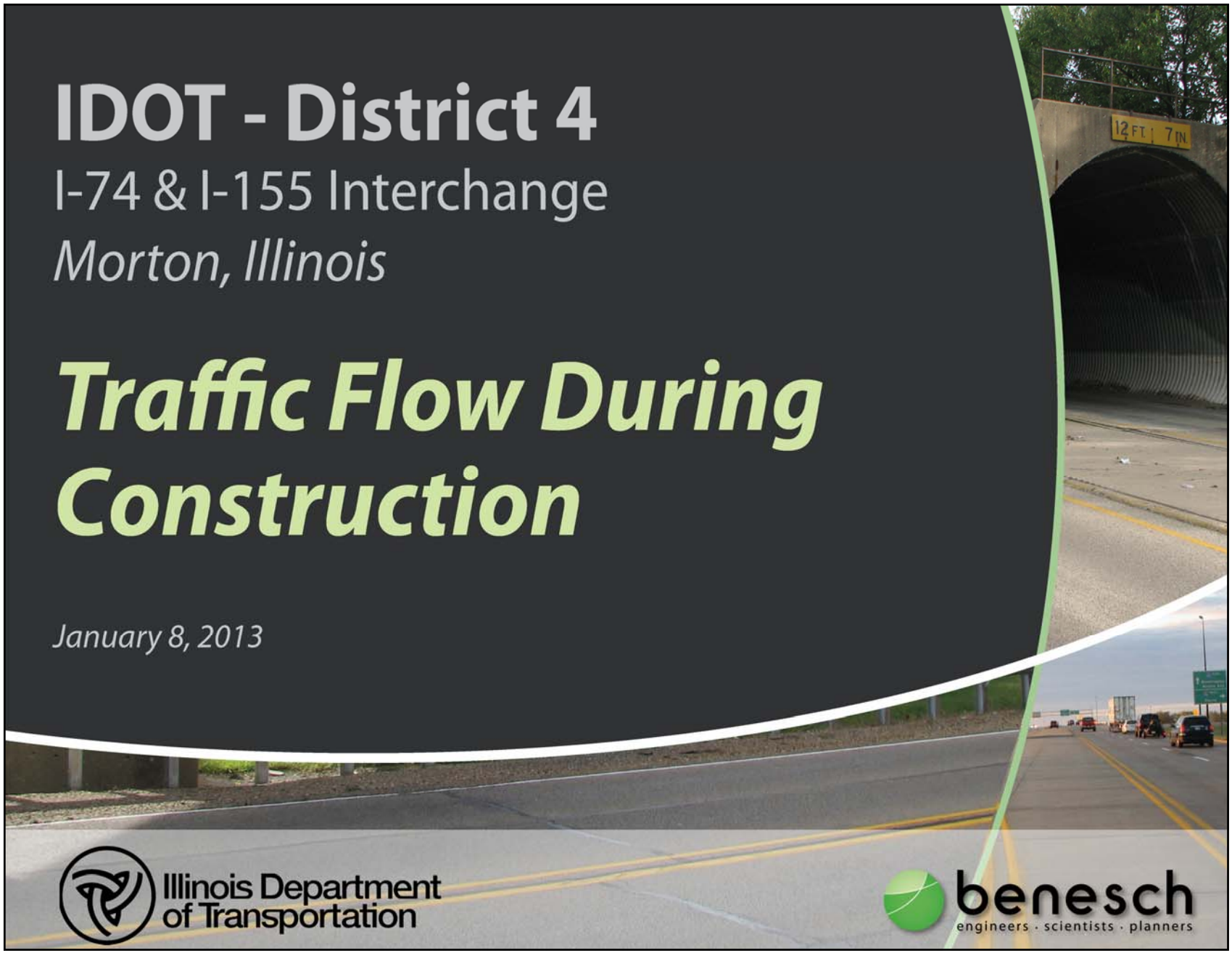
IDOT - District 4

I-74 & I-155 Interchange

Morton, Illinois

Traffic Flow During Construction

January 8, 2013



Project Location Map

Improving I-74/I-155

- Replace Pavement on I-74 and I-155
- Widen I-74 from 2 to 3 Lanes in each direction
- Replace I-74 bridges over I-155 and Jackson St.
- Reconfigure I-74/I-155 Interchange (flip profiles)
- Remove tunnels at Jefferson St. and add bridge
- Remove bridge over Abandoned Railroad
- Reconstruct on and off ramps at I-155 and Morton Ave.
- Install highway lighting along roadway and ramps
- Install storm sewer and culverts to drain roadway

Project Overview

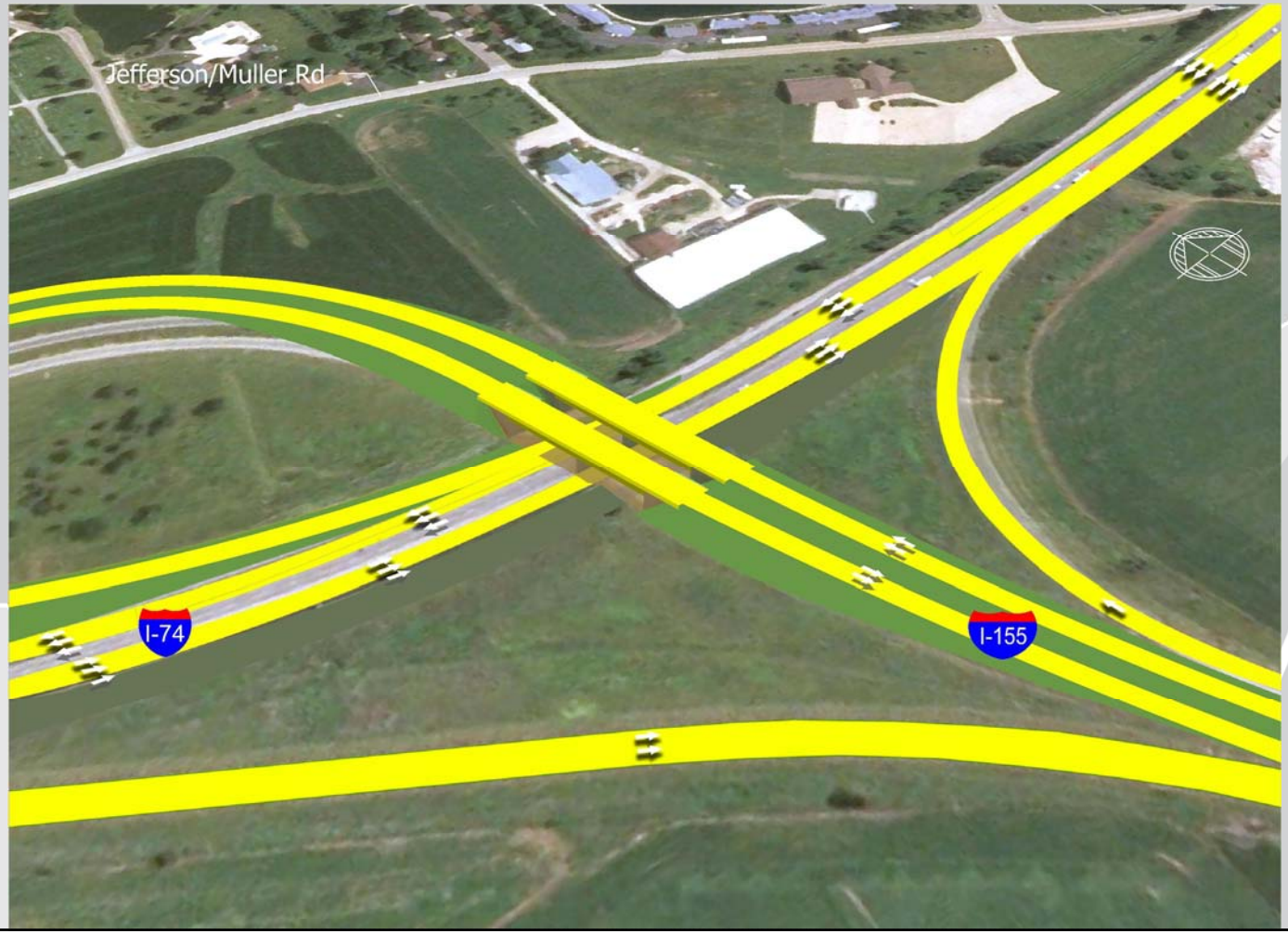
- Construction is scheduled to begin in spring 2013
- Project is scheduled for completion in summer 2015
- Multiple stages of construction
- 2 lanes of traffic in each direction will be provided along I-74
- 1 lane of traffic in each direction will be provided along I-155
- 4 traffic detours will be required

Improving I-74/I-155

Current I-74/I-155 configuration

Improving I-74/I-155

Proposed I-74/I-155 configuration



Improving I-74/I-155

Current I-74/Morton configuration

Improving I-74/I-155

Proposed I-74/Morton configuration

OVERVIEW OF TRAFFIC PATTERNS AND RESTRICTIONS DURING CONSTRUCTION

WORKING RESTRICTIONS

- I-74
  - 2 WB & 2 EB lanes open from 6:30 AM to 5:30 PM Monday thru Friday
  - Minimum 1 WB & 1 EB lanes open all other times. Roadway on I-74 may reduce from 2 lanes to 1 at the location of work
- I-155
  - 2 NB lanes open from 6:30 AM to 8:30 AM Monday thru Friday
  - 2 SB lanes open from 3:30 PM to 5:30 PM Monday thru Friday
  - Minimum 1 NB & 1 SB lanes open all other times. Roadway on I-155 may reduce from 2 lanes to 1 at the location of work
- Morton Ave.
  - 1 NB or 1 SB lane closed from 6:30 AM to 5:30 PM Monday thru Friday
  - Minimum 1 NB & 1 SB lanes open all other times
- Ramps
  - Minimum 1 lane open at all times except during detours due to ramp reconstruction

2013 Construction

- Construction will begin on I-74
- Construction will begin on ramps at Morton Ave.
- Temporary pavement will be constructed at I-74/I-155
- Bridge construction will begin on I-74
- Construction will begin on I-155
- Traffic detour on Jefferson St.
- Traffic detour on I-155

CRASH INVESTIGATION SITES

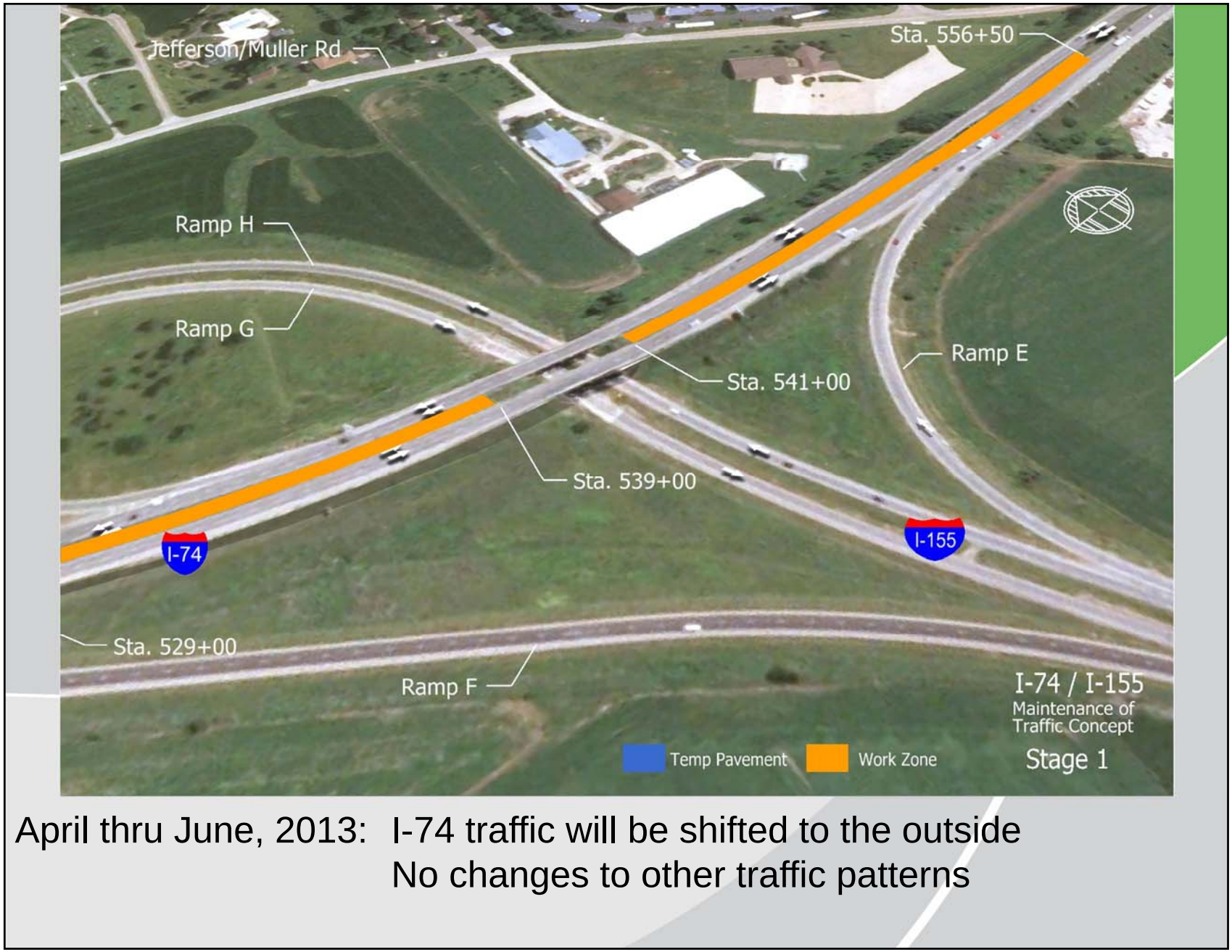
Crash Investigation Site # 1

Crash Investigation Site # 2

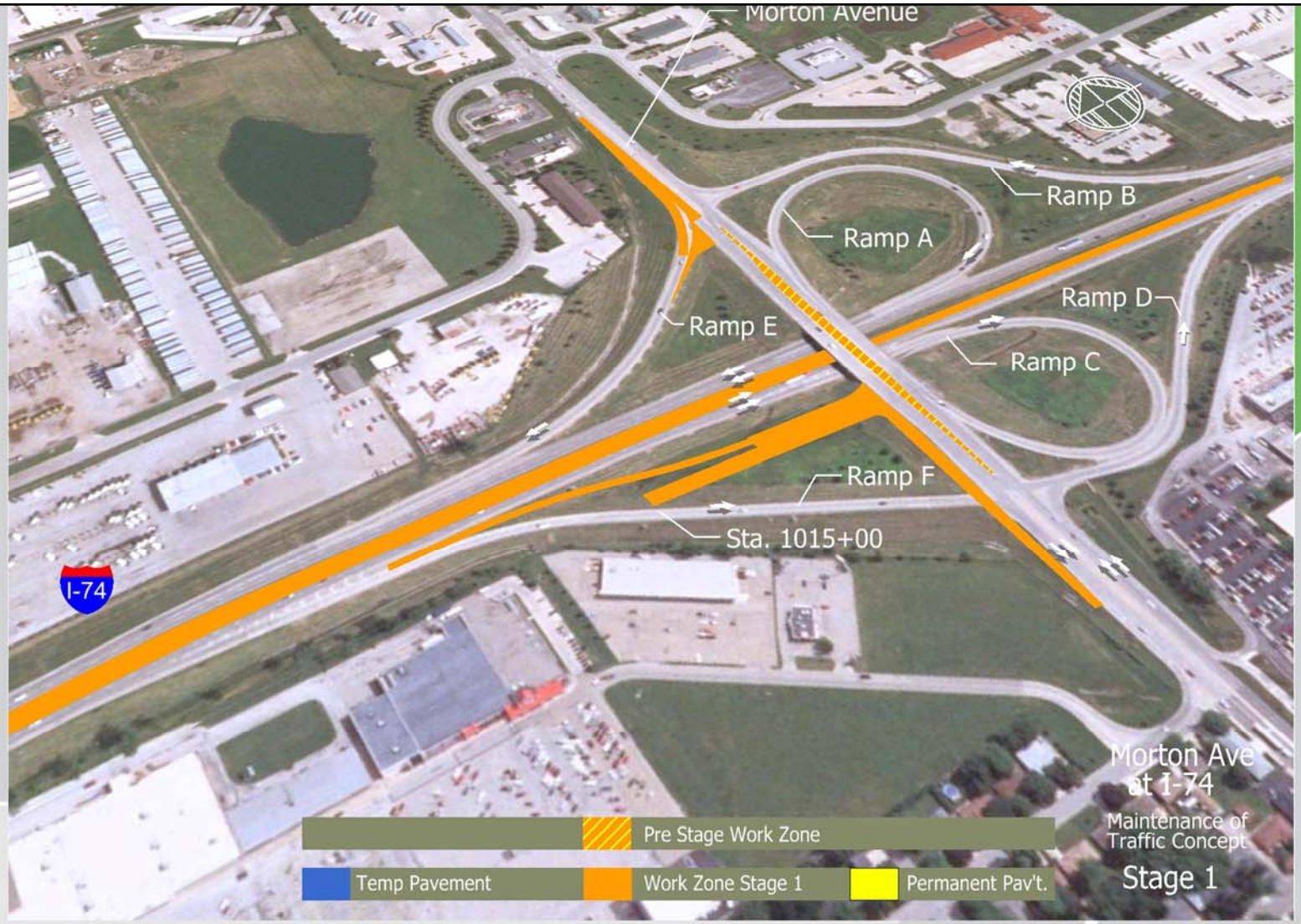
BORROW SITE & STAGING AREA

2013 Construction Detours

Jefferson Street will be closed from April thru November, 2013

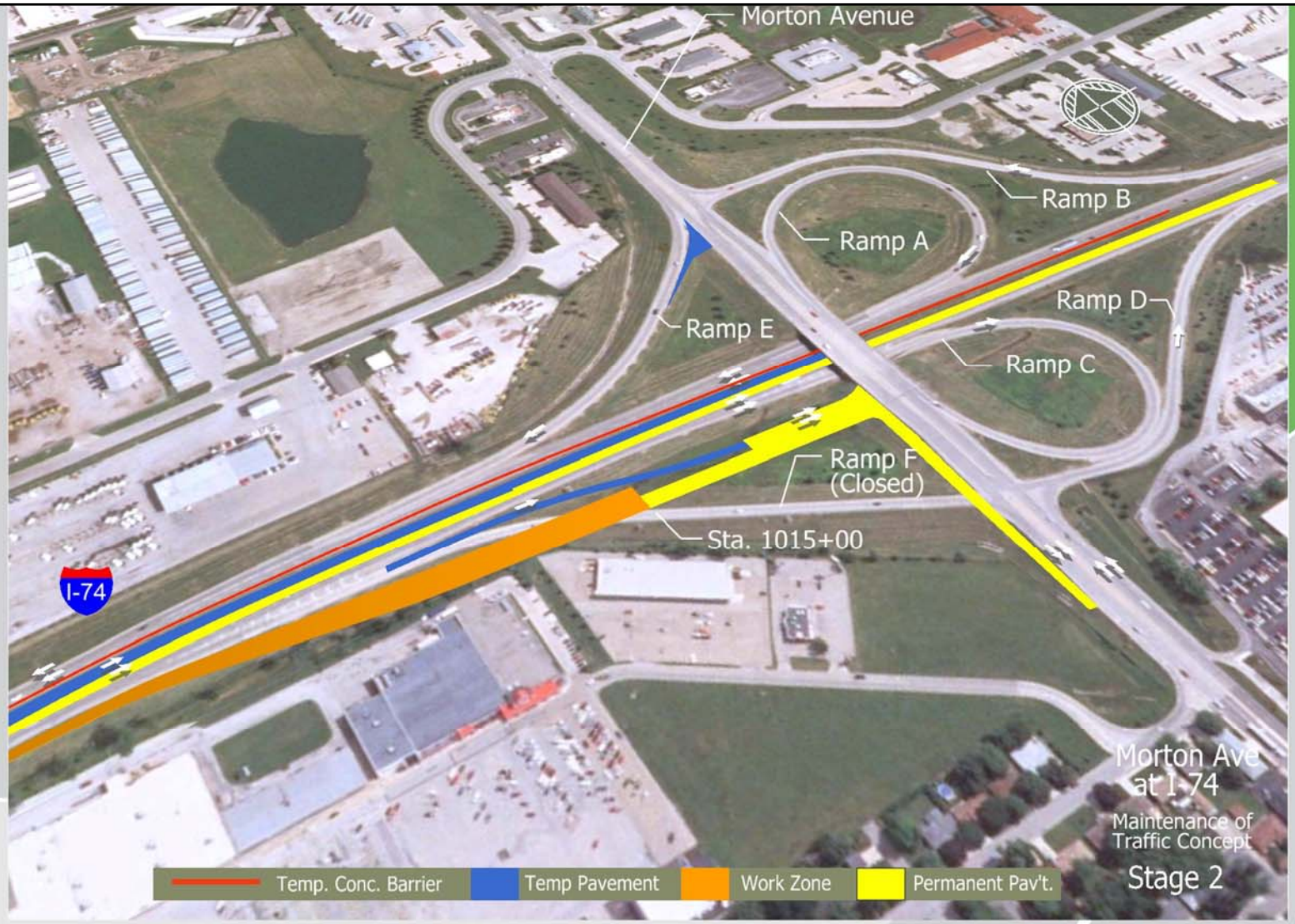


April thru June, 2013: I-74 traffic will be shifted to the outside
No changes to other traffic patterns

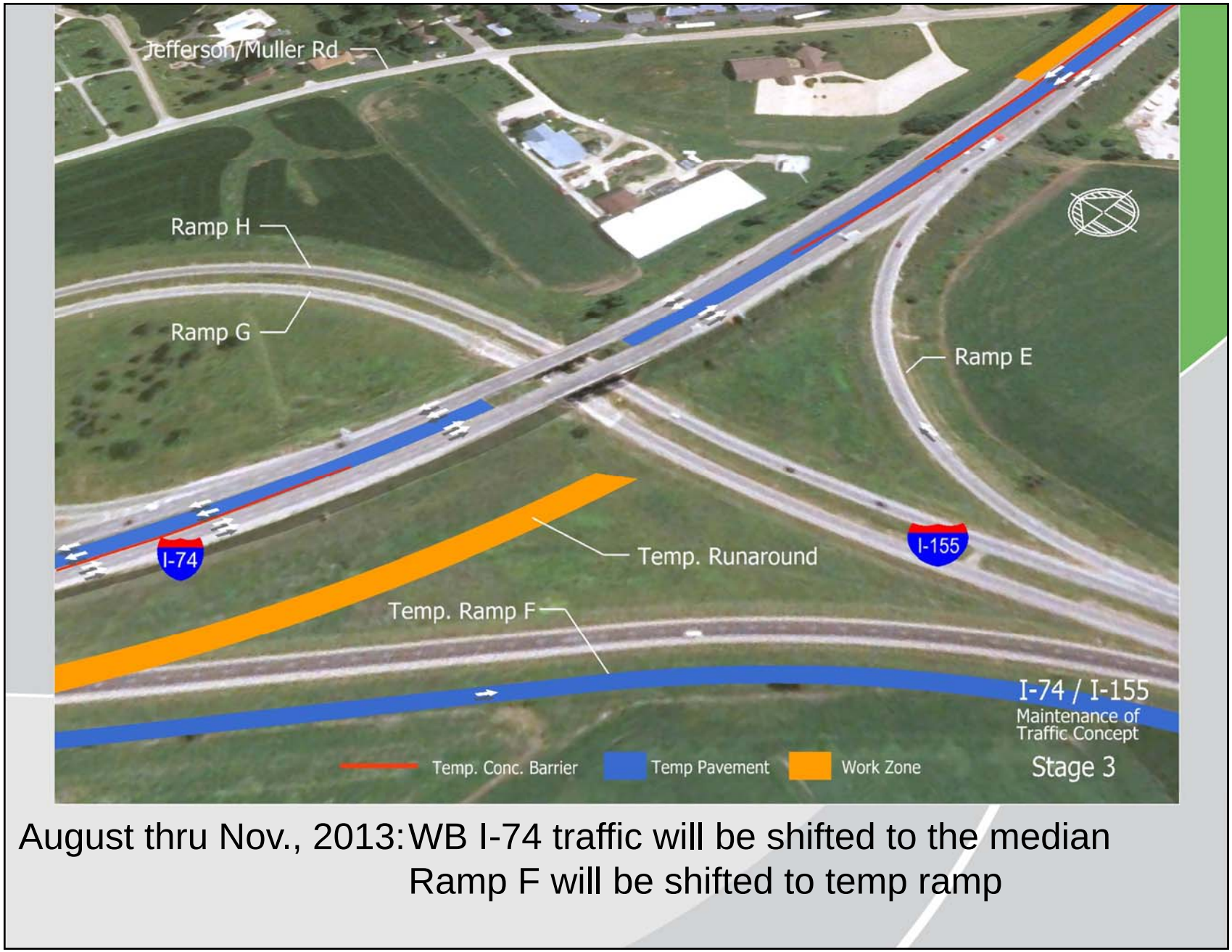


April thru June, 2013: I-74 traffic will be shifted to the outside
No changes to other traffic patterns

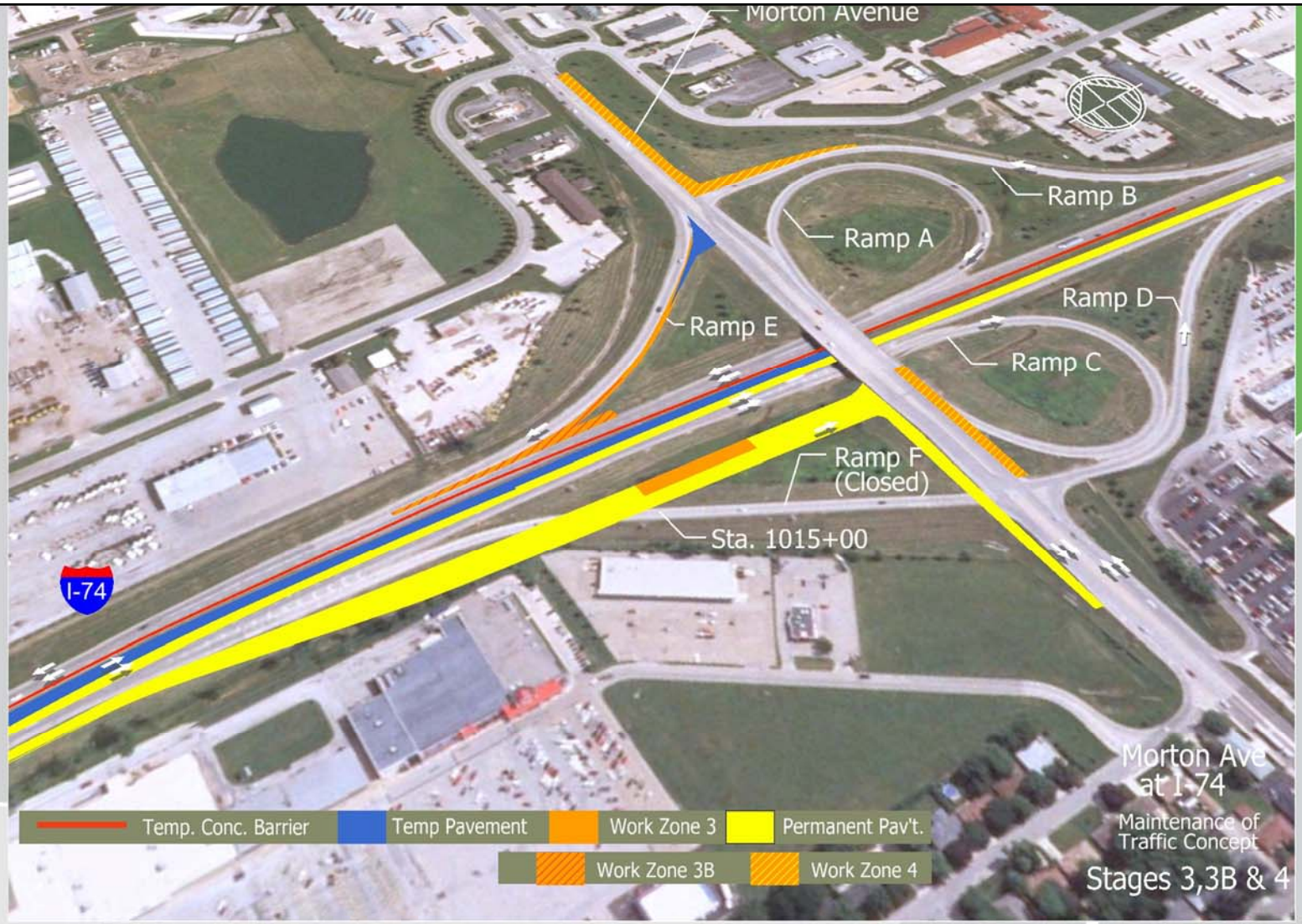
June thru August, 2013: EB I-74 traffic will be shifted to the median
No changes to other traffic patterns



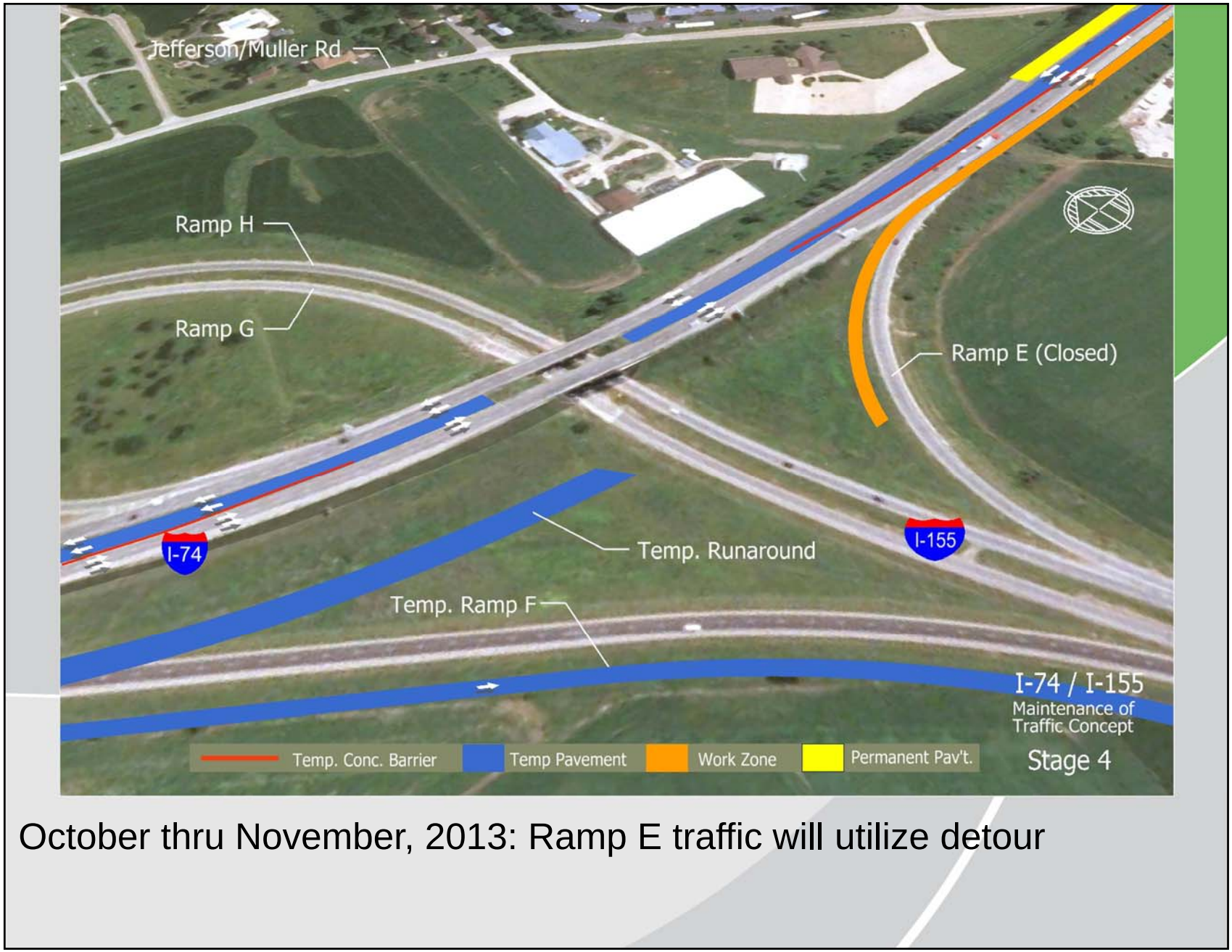
June thru August, 2013: Morton Ramp F traffic will be shifted to temporary ramp



August thru Nov., 2013: WB I-74 traffic will be shifted to the median
Ramp F will be shifted to temp ramp



August thru Nov., 2013 : Morton Ramp F traffic will be on new ramp



October thru November, 2013: Ramp E traffic will utilize detour

2013 Construction Detours

Interchange Ramp E

Duration: October & November, 2013

Detour Length: 3 miles

FIRST WINTER SHUT DOWN

- November 21, 2013 through March 31, 2014
- I-74 Traffic
  - 2 Lanes of Traffic Each Direction with Shoulders
- I-155 Traffic
  - 2 Lanes of Traffic Each Direction with Shoulders
- Jefferson – All Lanes Open
- Jackson – All Lanes Open
- Morton – All Lanes Open

2014 Construction

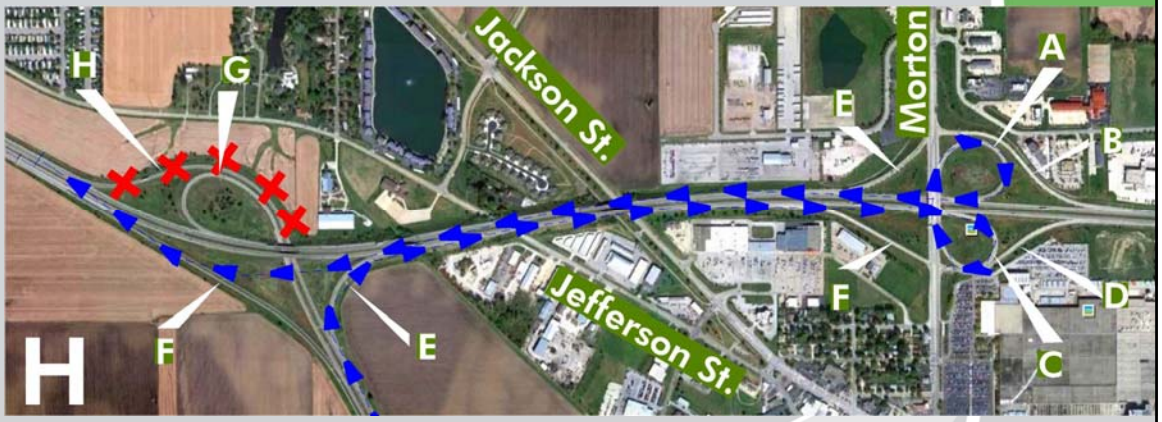
- Construction of north ramps at I-155
- Construction of I-155 bridges over I-74
- I-74 traffic detoured to temporary I-74 pavement
- Northbound I-155 traffic detoured to Morton Ave.
- Southbound I-155 traffic detoured to Pinecrest Dr.

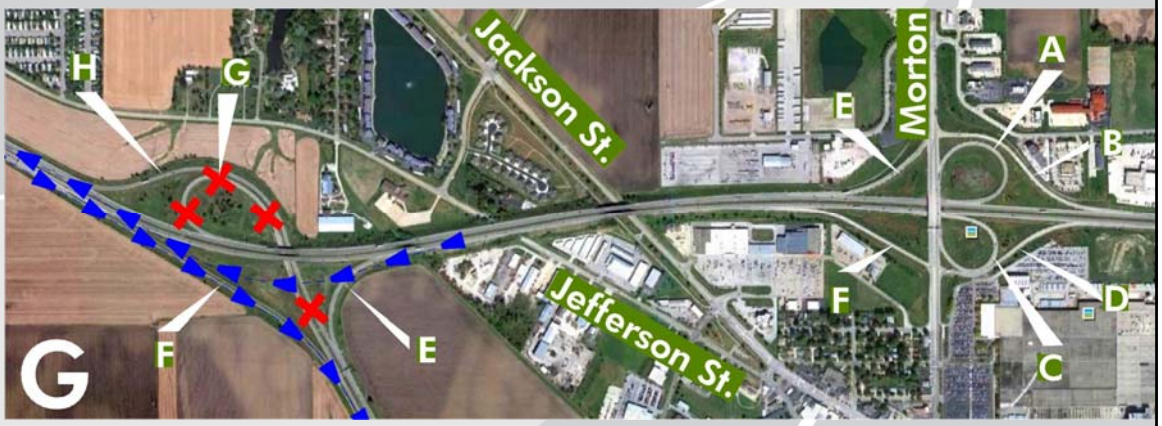
2014 Construction Detours

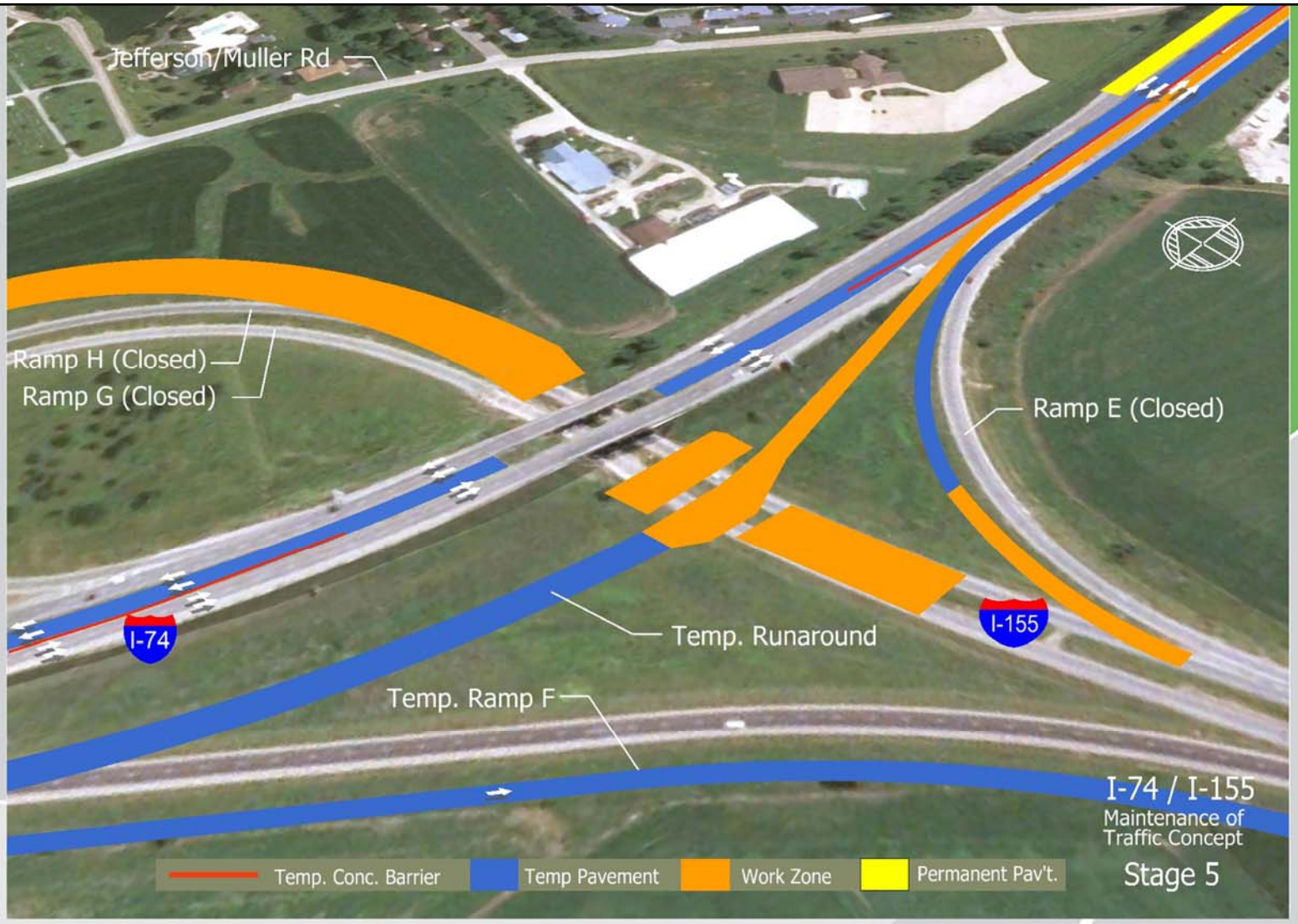
Duration:
April thru Nov., 2014

<u>Detour Length</u>

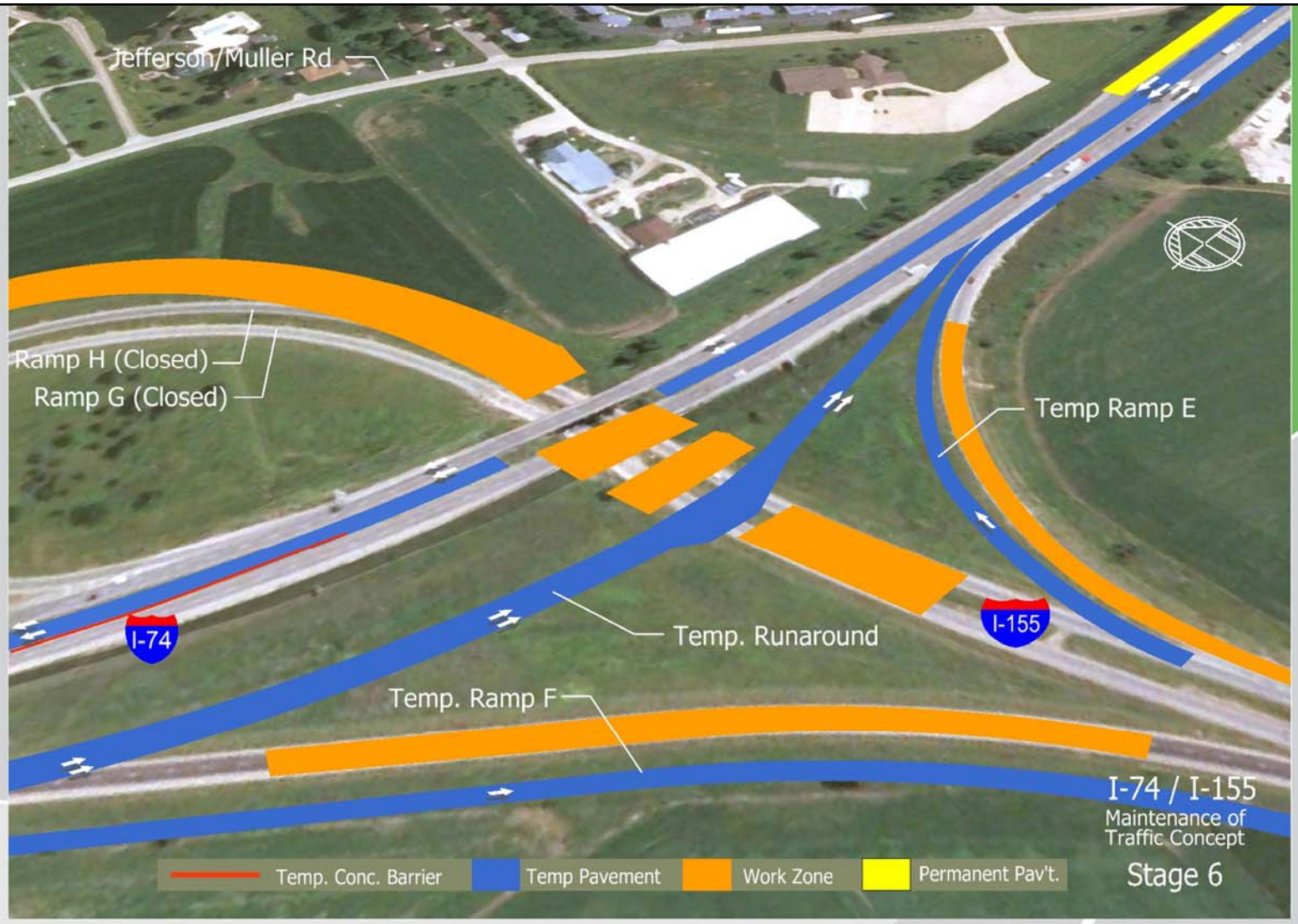
- Ramp H: 3 miles
- Ramp G: 7 miles



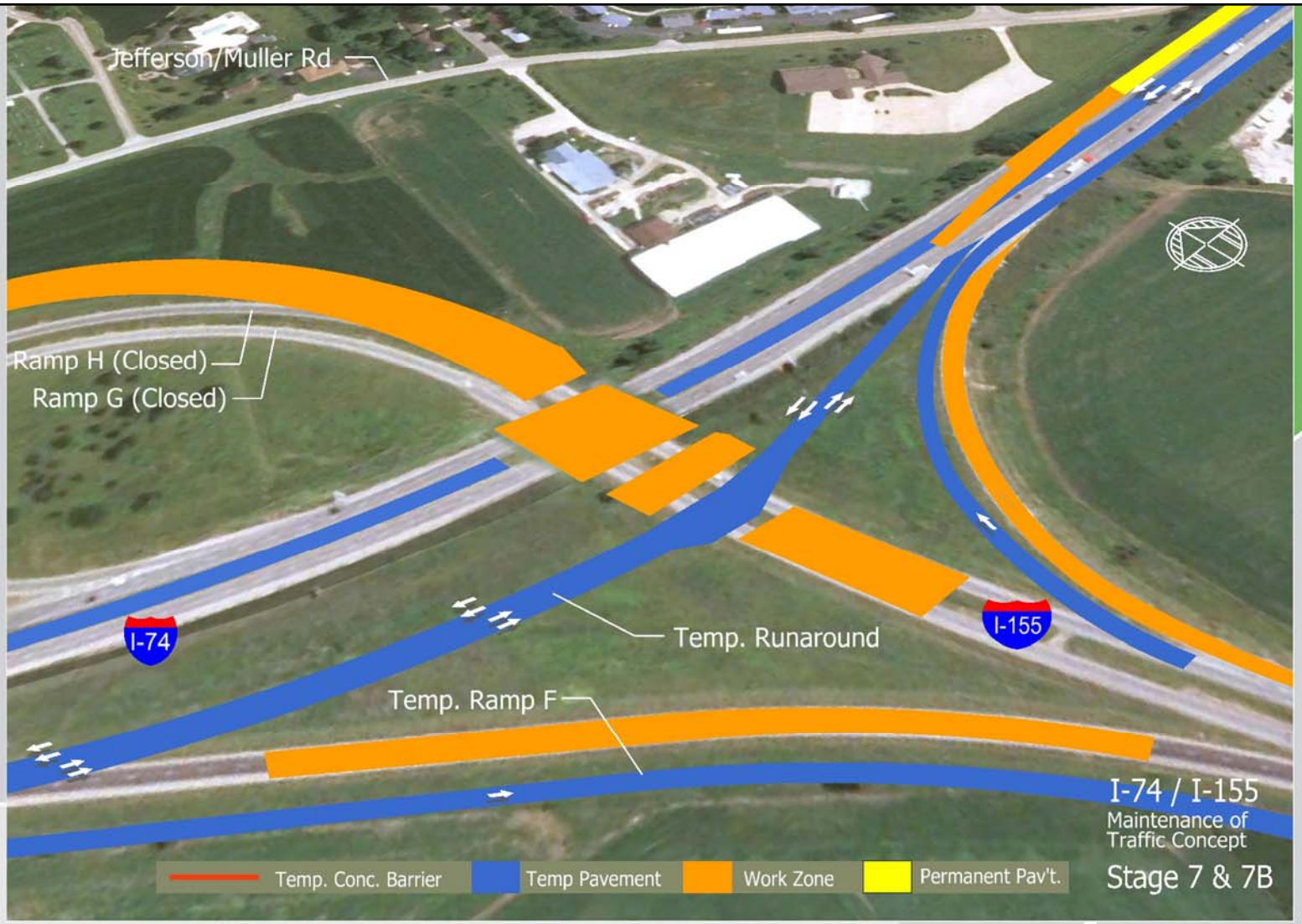




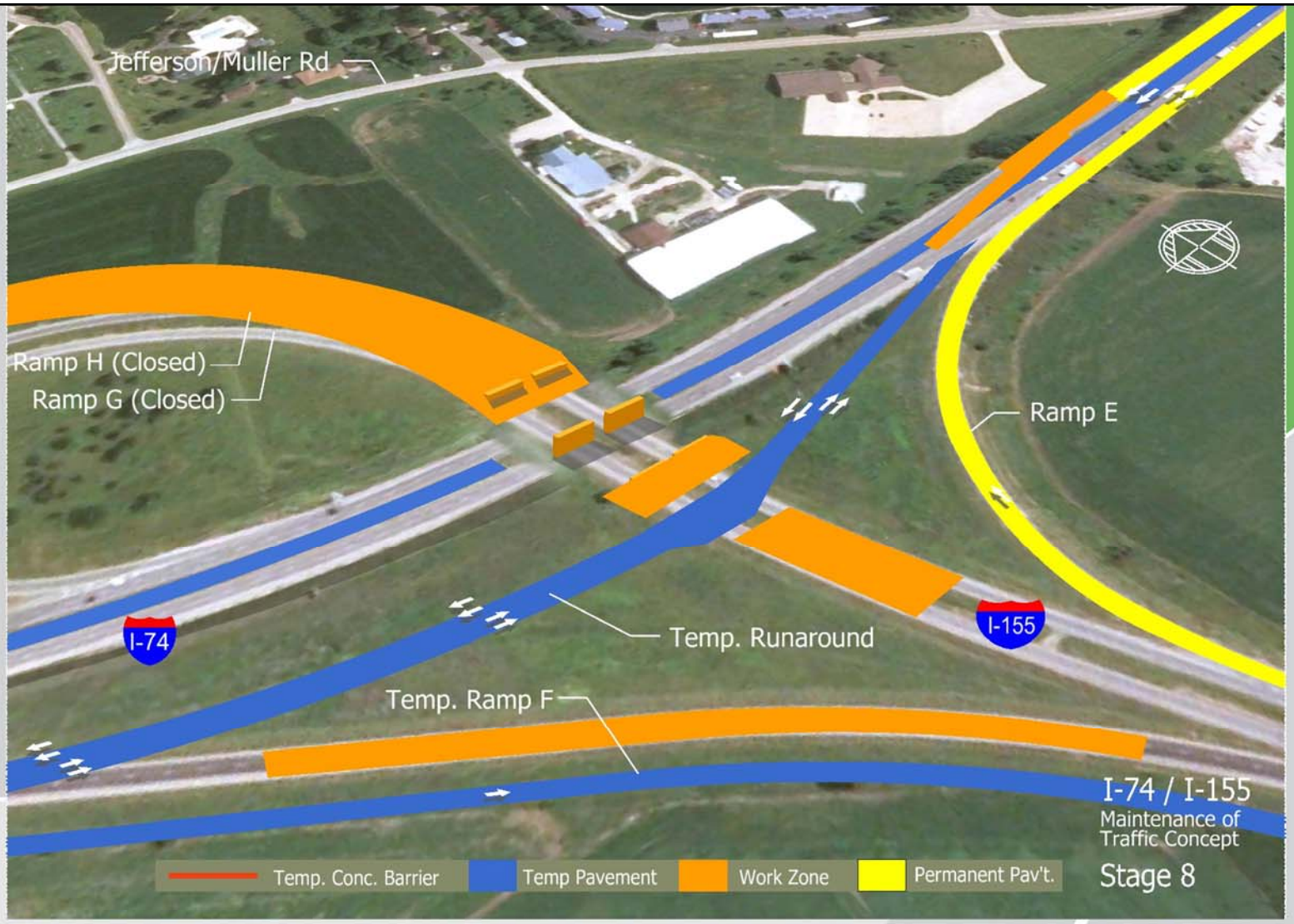
March & April, 2014: I-155 traffic will utilize detour
Ramp F traffic still on temp ramp
Ramp E traffic will be shifted to temp ramp



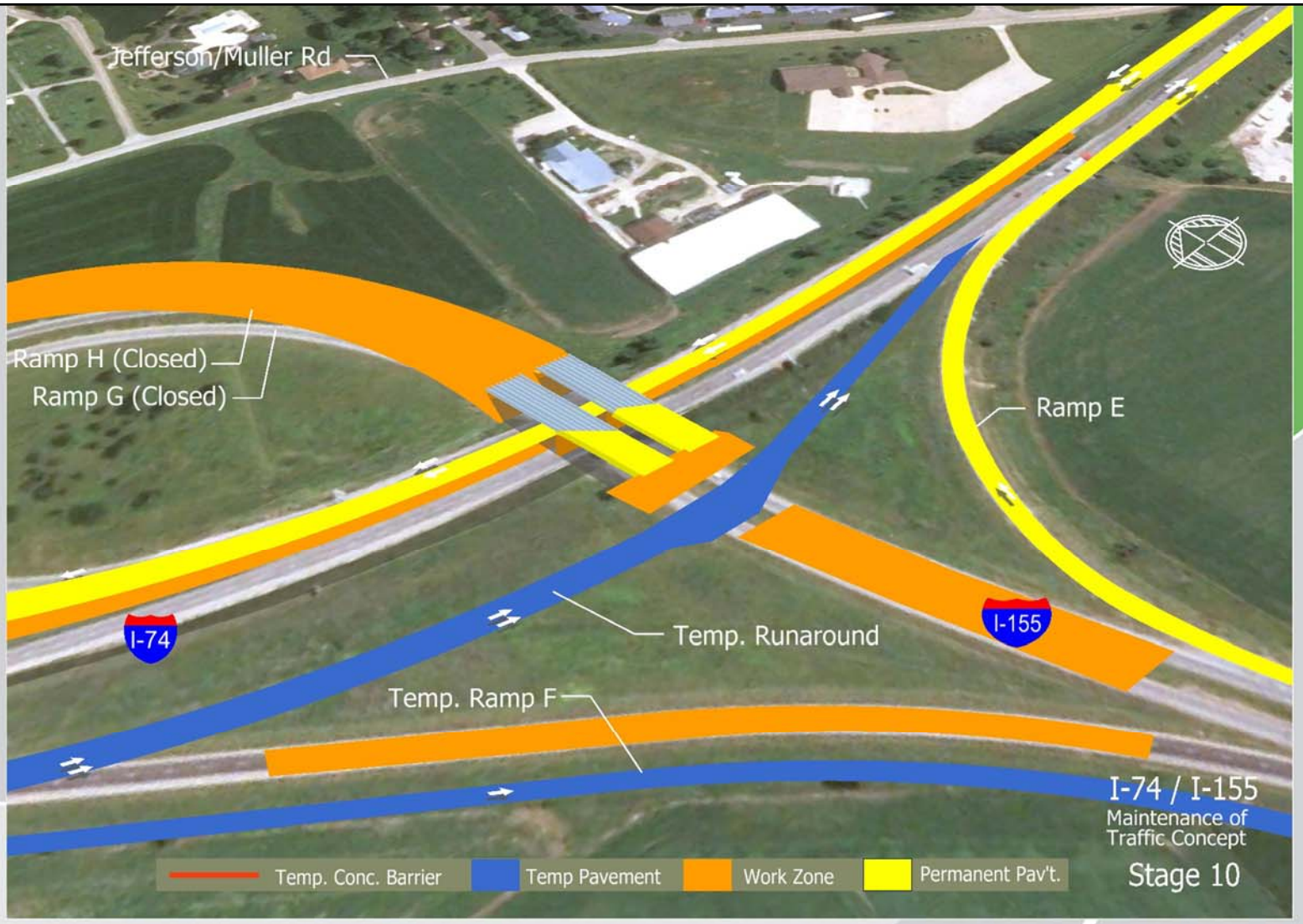
April & May, 2014: I-155 traffic still utilize detour
EB I-74 will be shifted to temp run-around
Ramp E & F traffic still on temp ramps



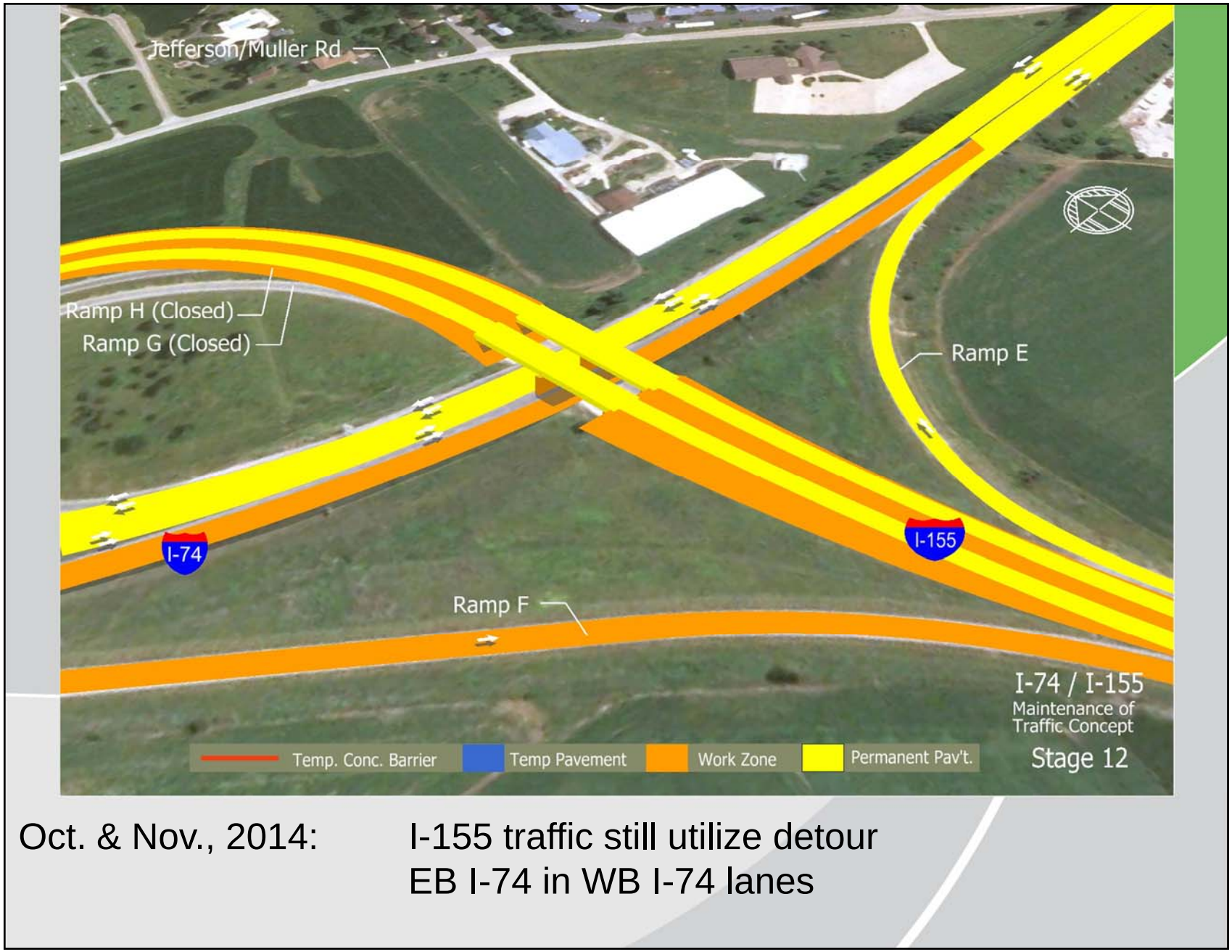
May & June, 2014: I-155 traffic still utilize detour
EB and WB I-74 will be on temp run-around
Ramp E & F traffic still on temp ramps



June thru Aug., 2014: I-155 traffic still utilize detour
EB and WB I-74 still on temp run-around
Ramp F traffic still on temp ramp



Aug. thru Oct., 2014: I-155 traffic still utilize detour
EB I-74 still on temp run-around
Ramp F traffic still on temp ramp



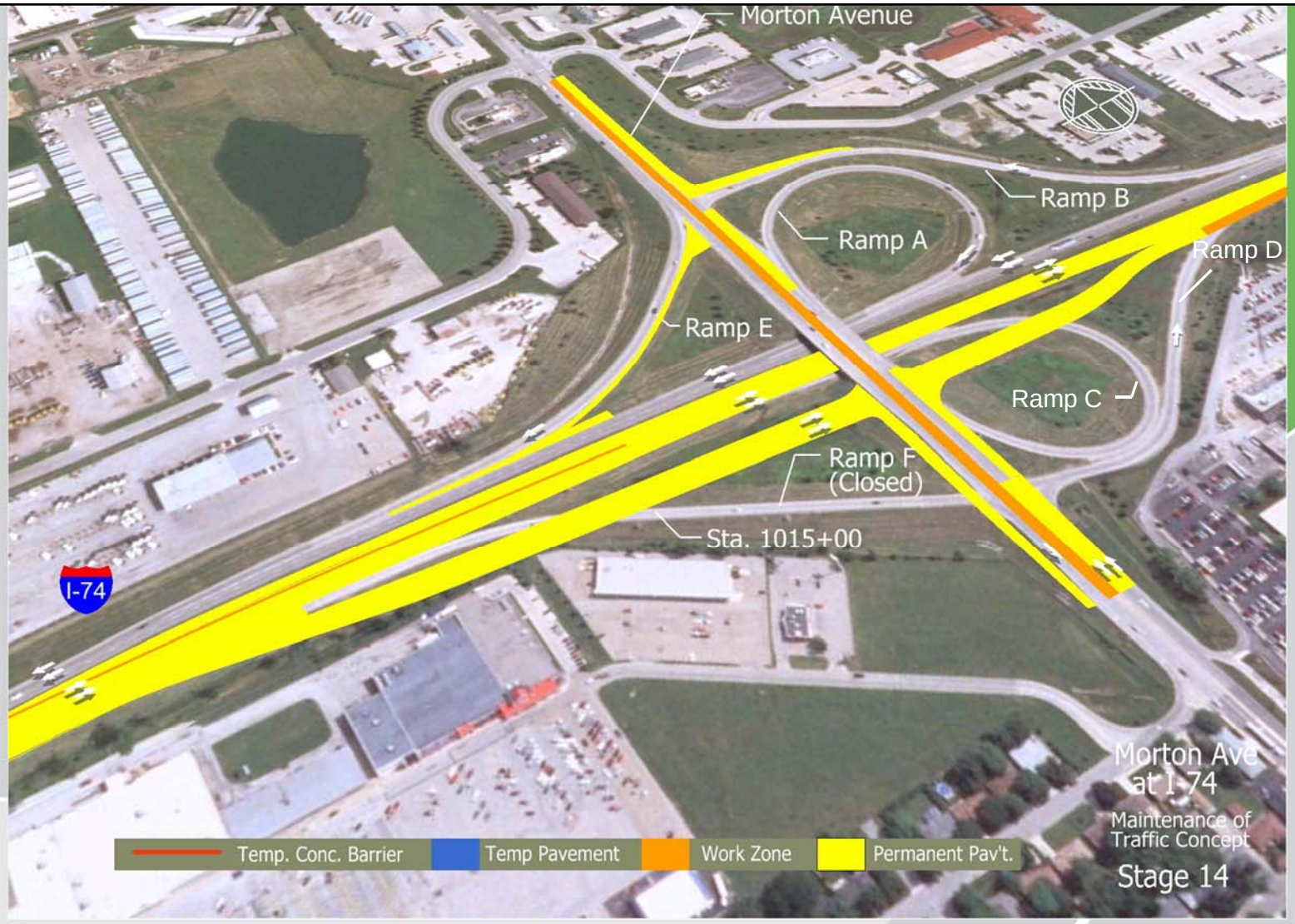
Oct. & Nov., 2014: I-155 traffic still utilize detour EB I-74 in WB I-74 lanes

SECOND WINTER SHUT DOWN

- November 21, 2014 through March 31, 2015
- I-74 Traffic
  - 2 Lanes of Traffic Each Direction with Shoulders
- I-155 Traffic
  - 2 Lanes of Traffic Each Direction with Shoulders
- Jefferson – All Lanes Open
- Jackson – All Lanes Open
- Morton – All Lanes Open

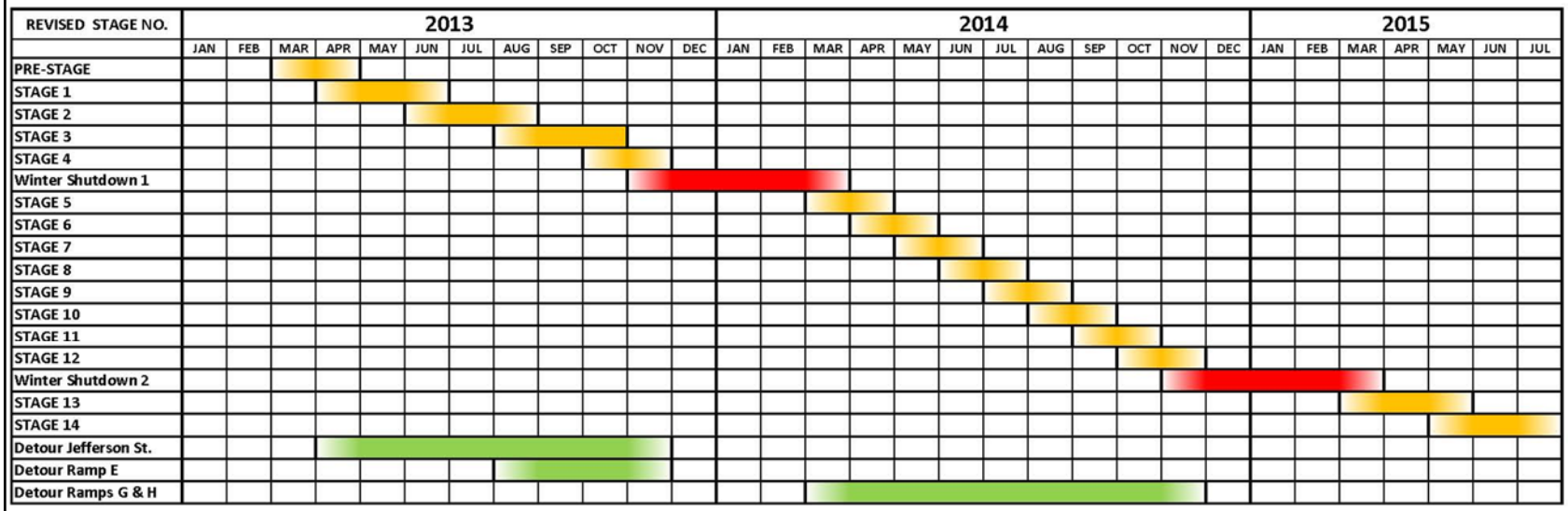
2015 Construction Season

- Complete pavement construction on I-74 and I-155
- Complete ramp construction at Morton Ave.
- Traffic will utilize new I-74 and I-155 pavement
- Traffic will utilize ramps at Morton Ave.
- Construction scheduled to be completed mid-summer



April thru June, 2015: Morton Ramp C traffic to use New Ramp F
Morton Ramp D traffic to use New Ramp D
Lane shifts on Morton Ave to construct median

Schedule



Contractor may change proposed staging as long as he meets working restrictions

Improving
INTERSTATE
74
INTERSTATE
155
An upgrade for the future
Home
Project Overview
FAQ
Photos
Contact Us
Project Website:
www.dot.il.gov/improvingI74I155/index.html