December 8, 2014

City of Dublin

City of Dublin

Riverside Drive Realignment and SR 161 Roundabout Update

Maintenance of Traffic & Schedule

GPD GROUP

Hill International

Where did we leave off September 8?

- Plans developed to 40%
- Construction anticipated to require full closure of the SR 161 & Riverside Drive intersection
- City Council requested staff evaluate:
  - Alternatives to closing the intersection
  - Opportunities for expediting construction

Where are we now?

- 60% plans reviewed
- 90% plans due mid-December
- Maintenance of traffic sequencing and phasing options are better defined
- Staff evaluated:
  - Maintenance of traffic alternatives
  - Opportunities to expedite construction
  - Safety considerations

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Bridge Street District Network

MKSK

RIVERSIDE DRIVE IMPROVEMENTS
CITY OF DUBLIN

Date December 08, 2014

WHAT IT LOOKS LIKE NOW

- Riverside Drive is close to Scioto River
- Signal controlled intersection
- Left turns from 161 restricted since 1993

WHAT WE WILL BUILD

- Riverside Drive shifted and opens parkland
- Roundabout controlled intersection
- All movements permitted
- Accommodates traffic well into the future

AMERICAN STRUCTUREPOINT INC.

How are we going to build it?

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What options were reviewed?

OPTION 1 (ACCELERATED)	OPTION 2
Maintains one lane SR 161 east and west to restricted traffic throughout*	**Closes SR 161 to east and west traffic for approximately 10 weeks**
Maintains one lane north and south traffic on Riverside Drive bypass lanes	Maintains one lane north and south traffic on Riverside Drive bypass lanes
All lanes except bypass lane opens to traffic in June 2016	**All lanes except bypass lane open to traffic in April 2016**
Overall project completed in October 2016	Overall project completed in October 2016

*Short Term , Intermittent Closures will Occur

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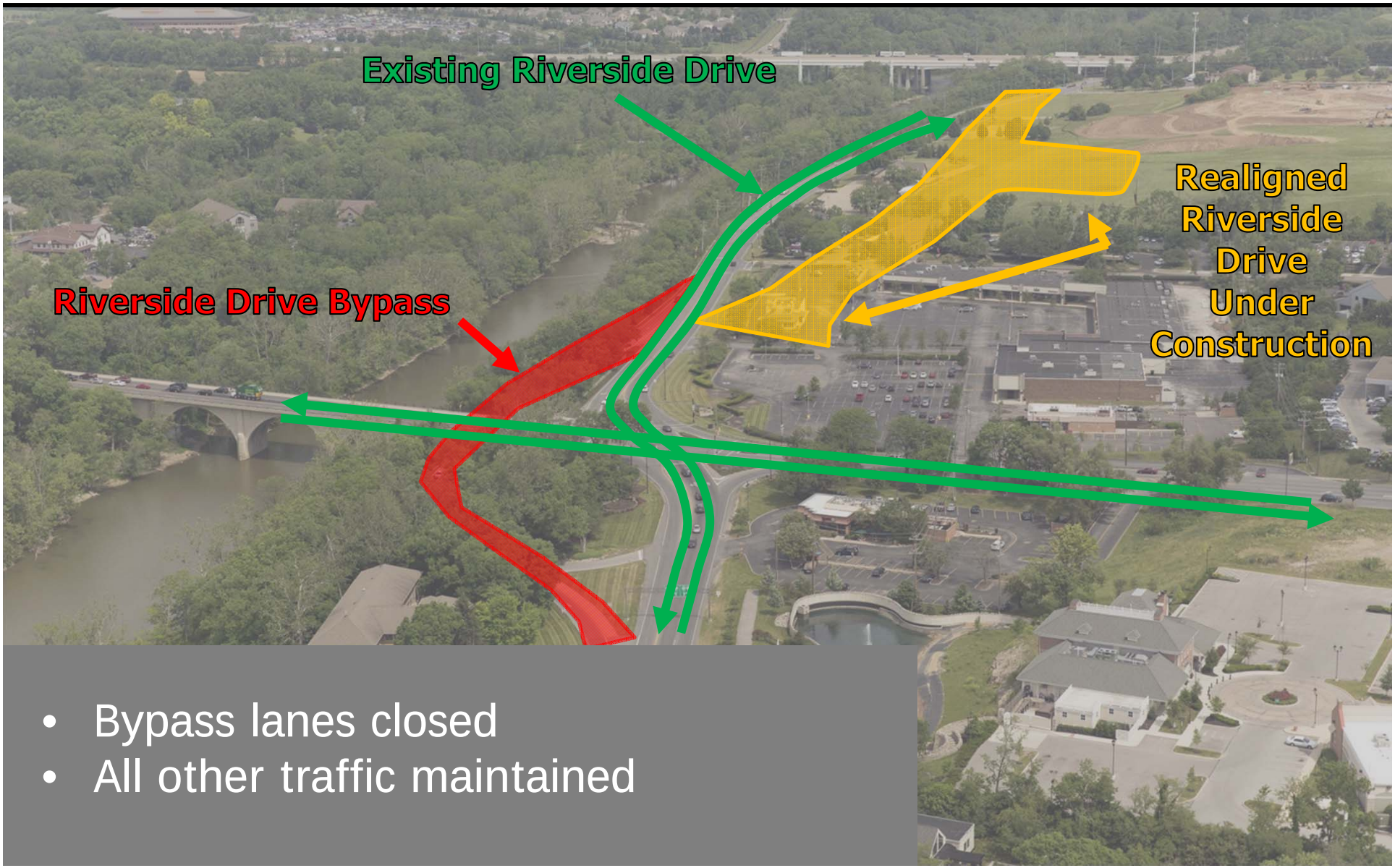
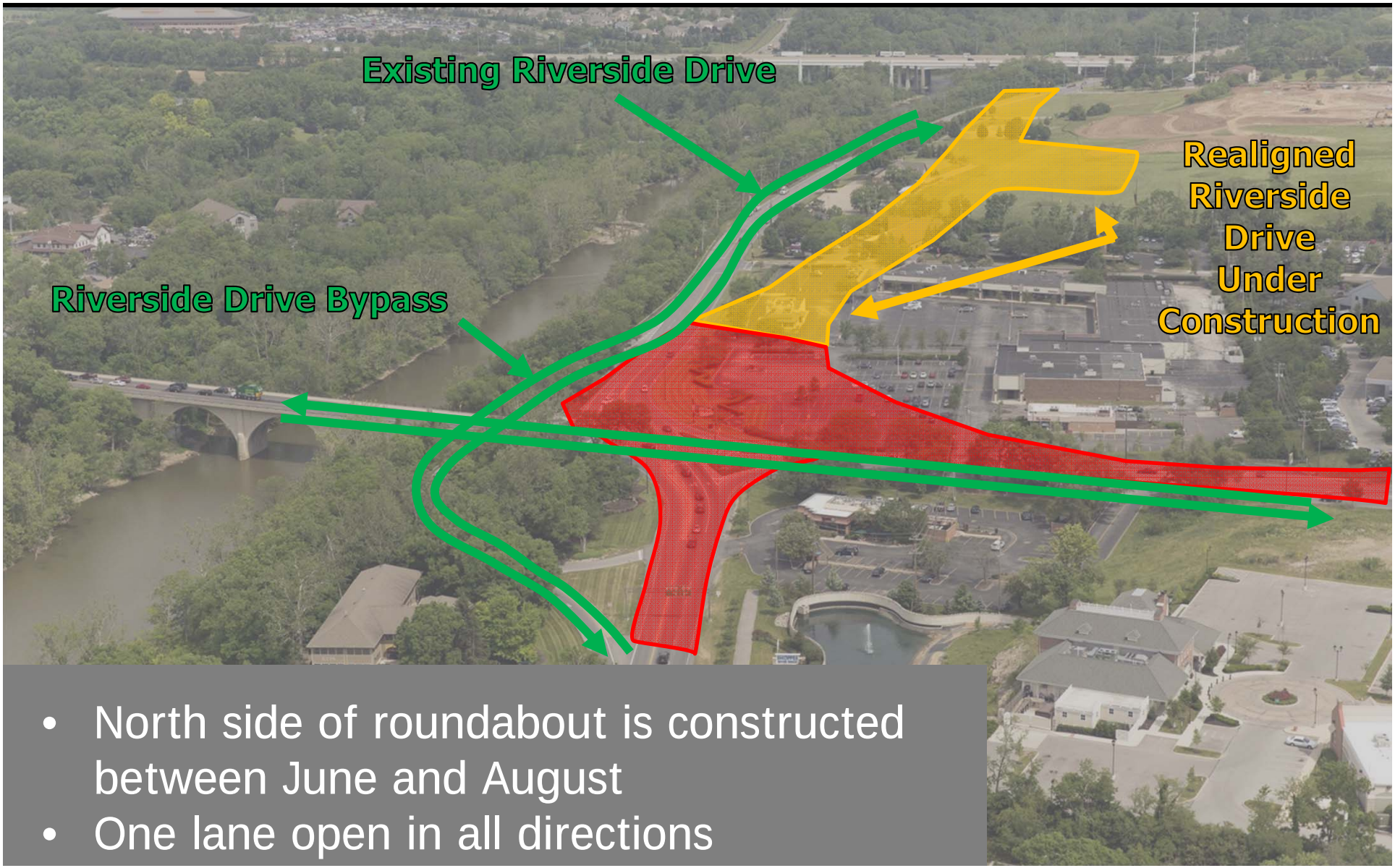
Recommended Option Sequencing
March thru June 2015



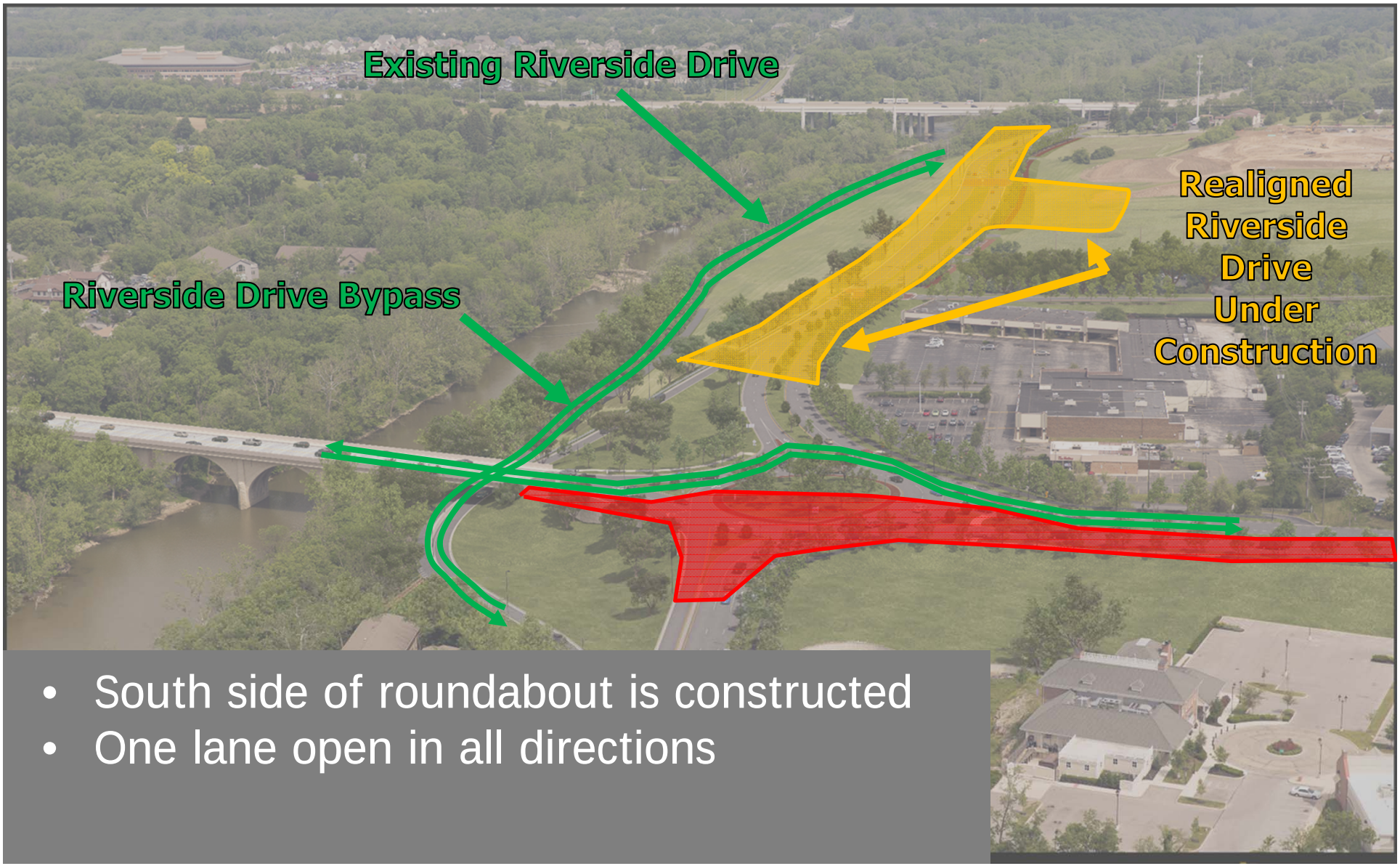
- Bypass lanes closed
- All other traffic maintained

Recommended Option Sequencing
June thru August 2015



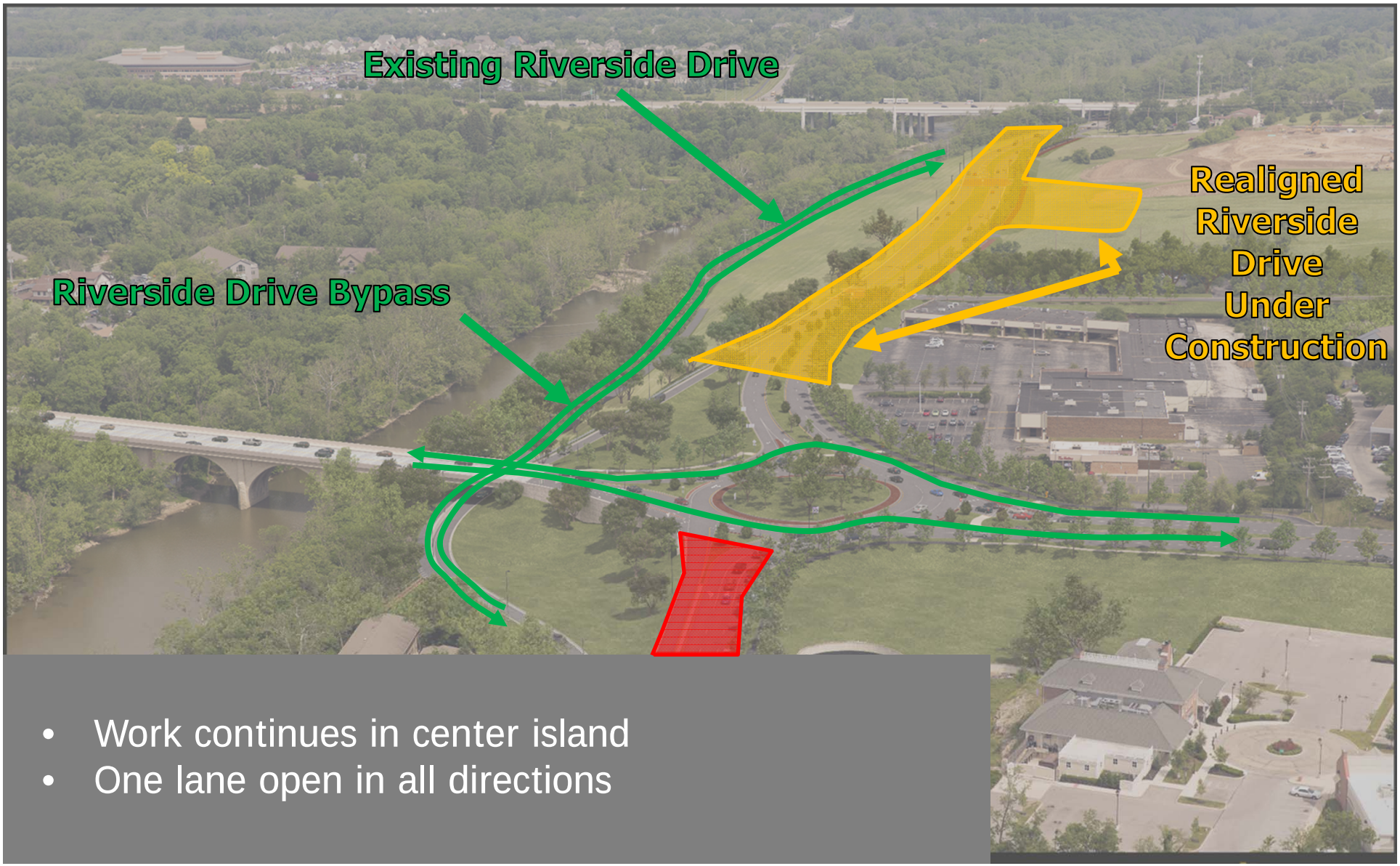
- North side of roundabout is constructed between June and August
- One lane open in all directions

Recommended Option Sequencing
August thru September 2015



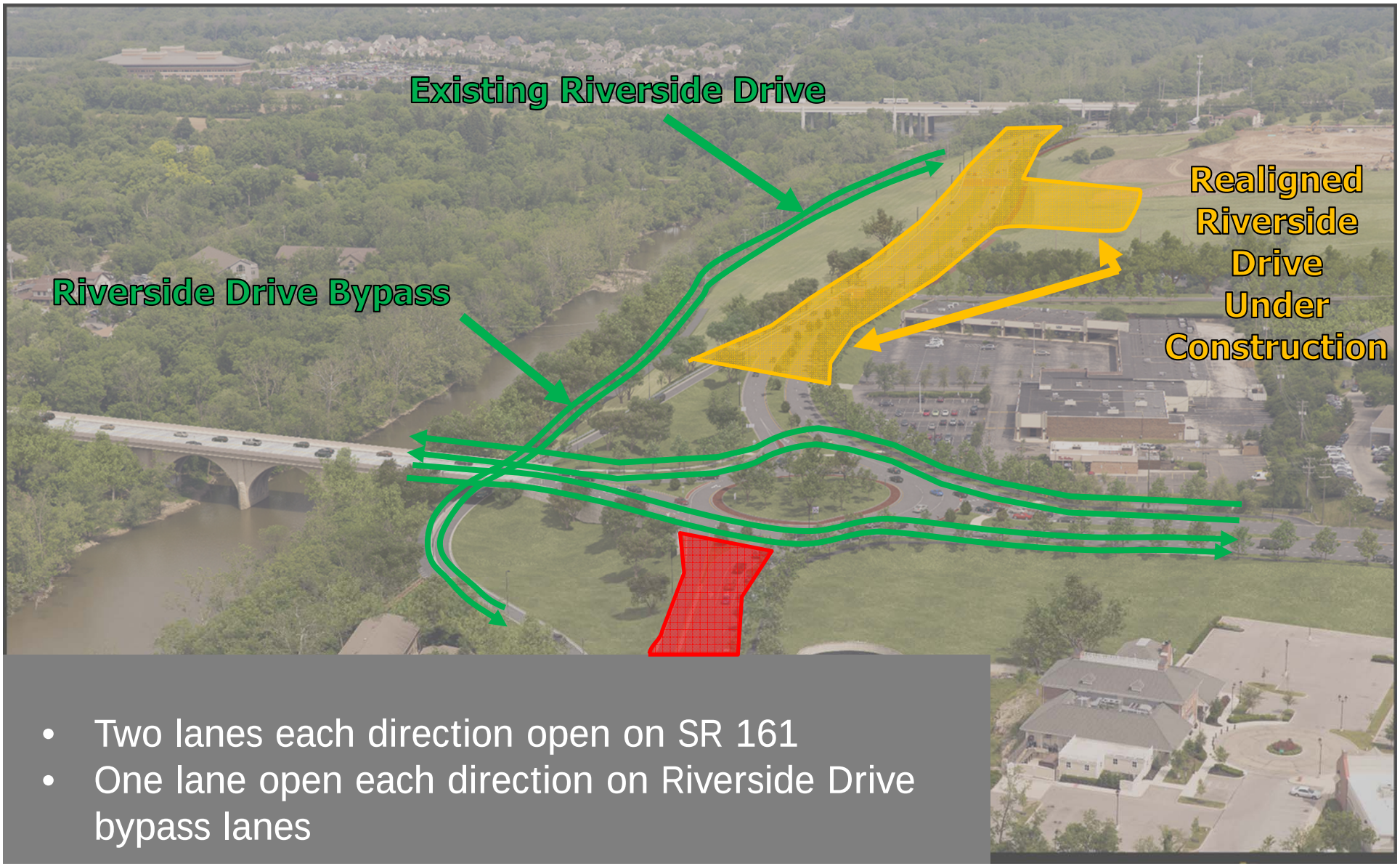
- South side of roundabout is constructed
- One lane open in all directions

Recommended Option Sequencing
September to October 2015



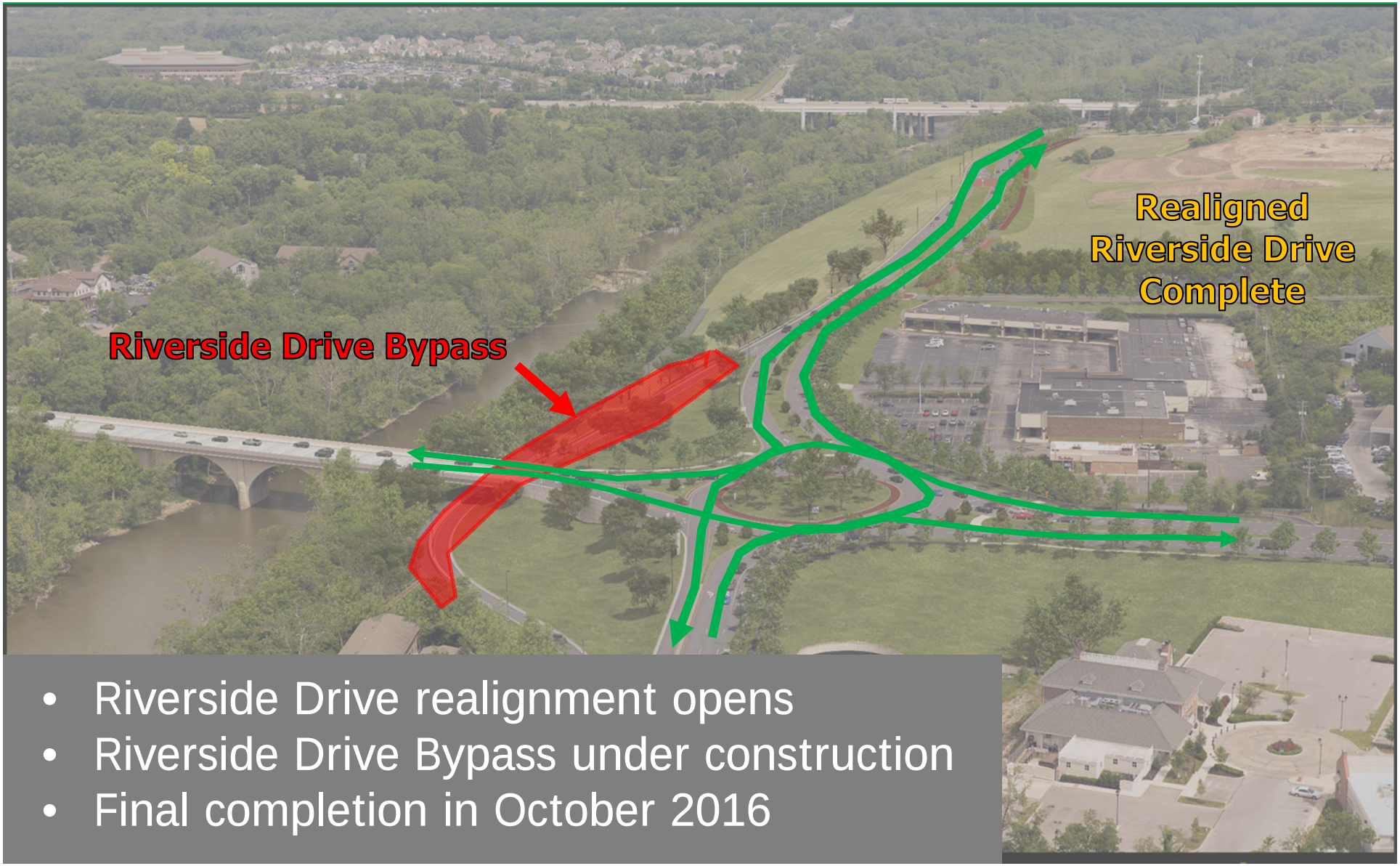
- Work continues in center island
- One lane open in all directions

Recommended Option Sequencing
October 2015 to June 2016



- Two lanes each direction open on SR 161
- One lane open each direction on Riverside Drive bypass lanes

Recommended Option Sequencing
June thru October 2016



- Riverside Drive realignment opens
- Riverside Drive Bypass under construction
- Final completion in October 2016

Option 1 (Accelerated) Summary

- **Maintains 1 lane east-west traffic on SR 161**
- **Maintains 1 lane north-south on the bypass**
- **All movements <u>open to traffic in June 2016 except bypass lanes</u>**
- **Final completion October 2016**

Questions?