

MAJOR MOVES

THE NEW US 31 HAMILTON COUNTY

Public Open House Welcome!

March 29, 2012



Public Outreach Efforts

Ongoing Public Outreach

- E-newsletter distributed regularly
 - Subscribe via project website or at registration table
- Updates sent to businesses along the corridor
 - Recent mailing to nearly 400 businesses
- Presentations to groups upon request
 - More than 50 given to date
- “Construction/Closure” tab on the website
 - Home to latest construction updates
- Subscribe to text updates by **texting ROADS to 411247**
- Questions will be addressed individually after the presentation

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INDOT Announcement

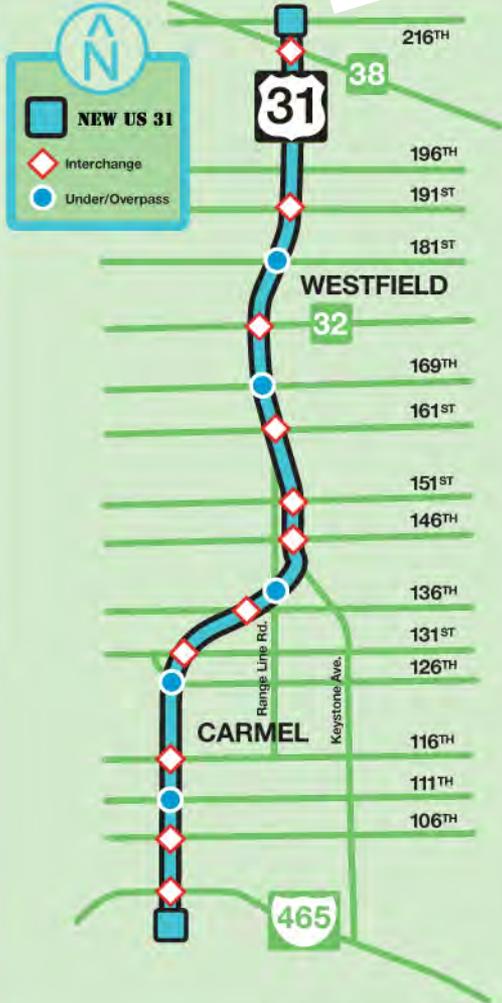


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ORIGINAL

Construction Sequencing Plan

DRAFT – Subject to change



2011	2012	2013	2014	2015	2016	2017
SR 38	SR 38			Local Route Improvements		
			SR 32 Off Line	181 st St. SR 32		191 st St. East St. Paddock Rd.
146 th St. Bridge	146 th St. / Keystone Ramps	151 st St. / Greyhound Pass.			169 th St. 161 st St.	
			136 th St. 131 st St. 126 th St.			
				106 th St. I-465	106 th St. I-465	
						116 th St. 111 th St.

Current Plan

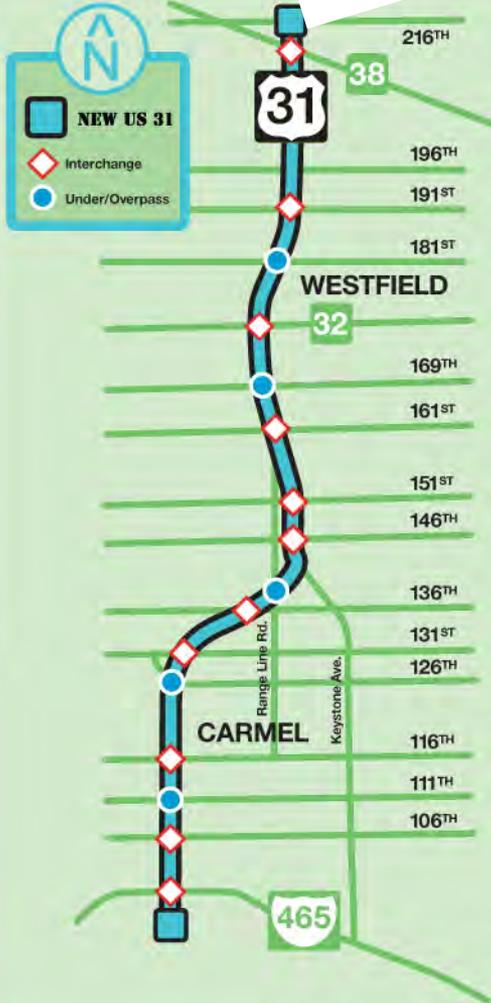


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REVISIED

Construction Sequencing Plan

DRAFT – Subject to change



2011	2012	2013	2014	2015	2016	2017
SR 38	SR 38 Demolition Contract		191 st St.			
		East St. Paddock Rd.	181 st St.			
	Local Route Improvements	SR 32 Offline*	SR 32 169 th St.			
		161 st St.				
146 th St. Bridge	146 th St. / Keystone Ramps	151 st St. / Greyhound Pass				
			136 th St.	136 th St.		
			131 st St. Offline*	131 st St.		
				126 th St.		
		Local Route Improvements	116 th St. Offline*	116 th St.		
				111 th St.		
			106 th St. I-465 Offline*	106 th St. I-465		

*Offline improvements are not on mainline US 31 but support the operation of the forthcoming freeway or interchange. Examples include building access to neighboring properties or intersection improvements near US 31.

Updated March 2012



Accelerated Planning Considerations/Impacts

- Plan development
- Geotech
- Right of way
- Permits
- Utilities
- Maintenance of traffic
- Pedestrian trails
- Road closures and restrictions

Benefits of Accelerated Schedule

- Obvious benefits of construction being completed earlier than scheduled
- Direct cost-savings from efficiencies
- Significant indirect cost savings – estimated to total more than \$178 million
 - crash reductions approx. \$149.7 million
 - emissions reductions approx. \$1.5 million
 - fuel savings approx. \$8.5 million
 - time savings approx. \$18.5 million

DRAFT - Future Construction Sequencing



**SR32/191st St.
Offline and
shoulder impacts**

**151st/161st streets
Full construction**

**I-465 to 136th St.
Minimal work**

***96th/Keystone
Full Construction**



**SR32/191st St.
Full construction**

**151st/161st streets
Complete**

**I-465 to 136th
Offline & Shoulder
Impacts**



**SR32/191st St.
Complete**

**I-465 to 136th St.
Full construction**

LEGEND

- Existing
- Under Construction
- Completed

What is Contractor Financing?

- Partnership with financing institution
- Interest rates would be built into bid
- INDOT will prequalify participants to assure competence

Why Use Contractor Financing?

- Even out payment amounts to allow for optimum highway program delivery
- Accelerate construction – minimize orange barrel time
- Beat inflation
- Quicker delivery means highway users get a better road (and less congestion) sooner

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Design & Construction Updates



SR 38 Construction



SR 38 Construction



SR 38 Interchange



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146th Street Bridge Construction



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146th Street Overpass

BEFORE



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146th Street Overpass

AFTER



Keystone Parkway and 146th Street Interchange

- Construction timing
 - Project awarded to contractor in September 2011
 - Utilities and clearing began last fall
 - Majority of road construction this spring/summer 2012
- Southbound Keystone closure on or after April 9, 2012; approximately 90 days
- Northbound Keystone closure on or after July 5, 2012; approximately 80 days

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Keystone / 146th Street Construction



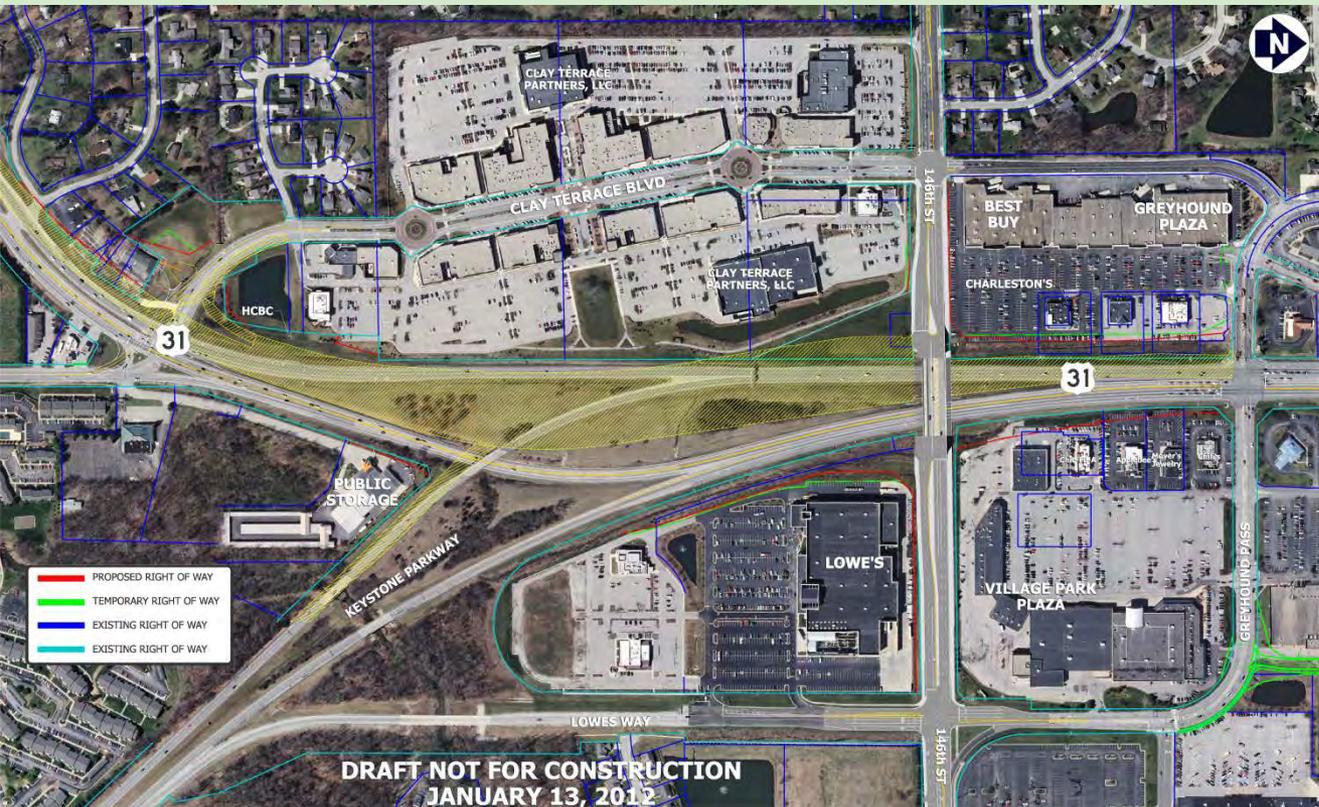
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Keystone / 146th Street Construction



Range Line Road: Spring/Summer 2012



- All US 31 traffic shifted to existing northbound lanes
- Temporary signal at US 31 and Range Line Road/Clay Terrace Blvd.

Range Line Road: Summer/Fall 2012

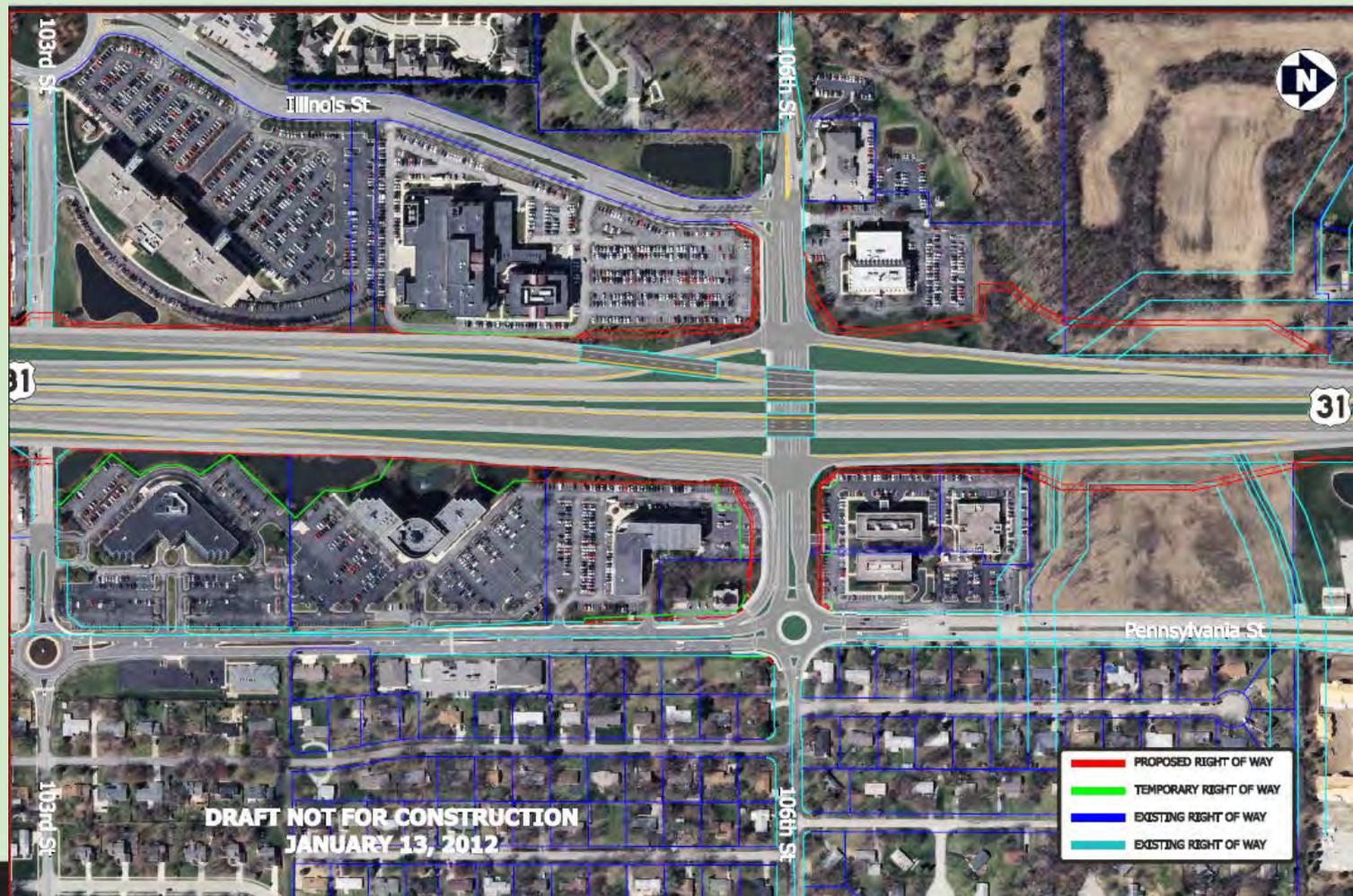


- Access to Range Line Road/Clay Terrace Blvd. will be via 146th St., not Greyhound Pass
- Northbound to Range Line Road/Clay Terrace Blvd. from US 31 will be via Greyhound Pass, July 2012 until Nov 2012
- Website shows various navigation routes

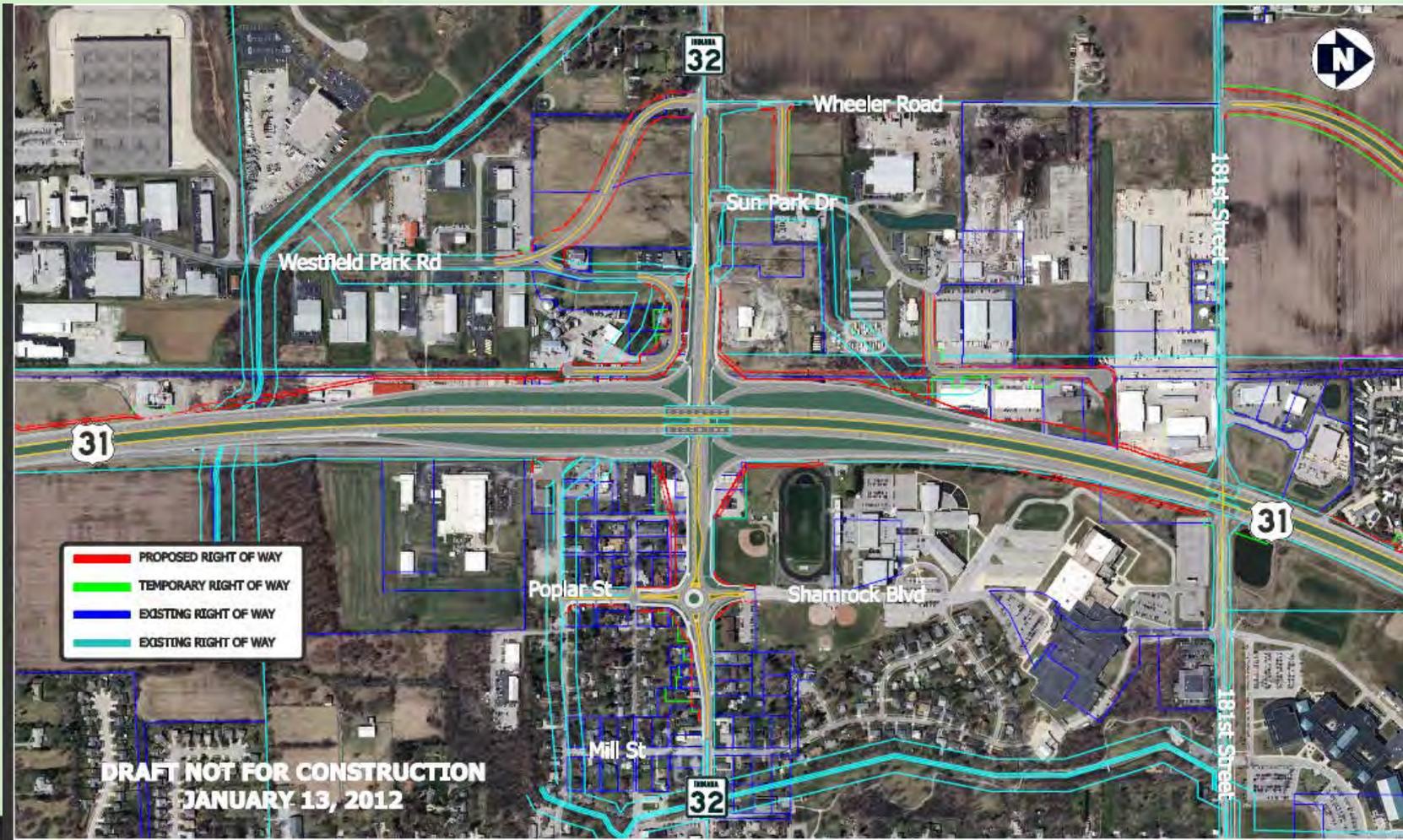
Other 2012 Support Contracts

- Building Demolition
 - working with local emergency responders for use in training exercises
- Utilities relocation
- Local road improvements
- Wetland mitigation

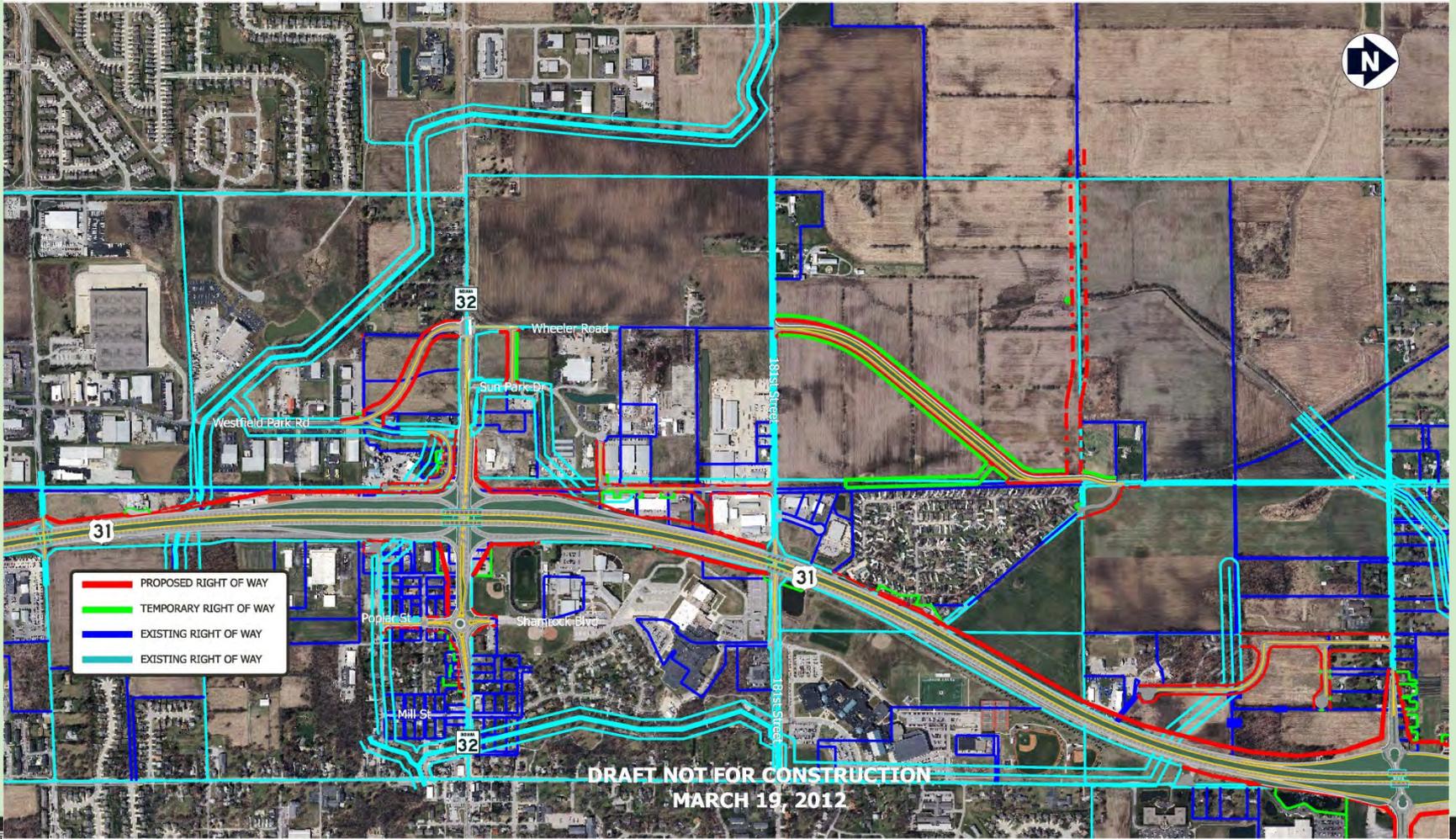
106th St. Interchange



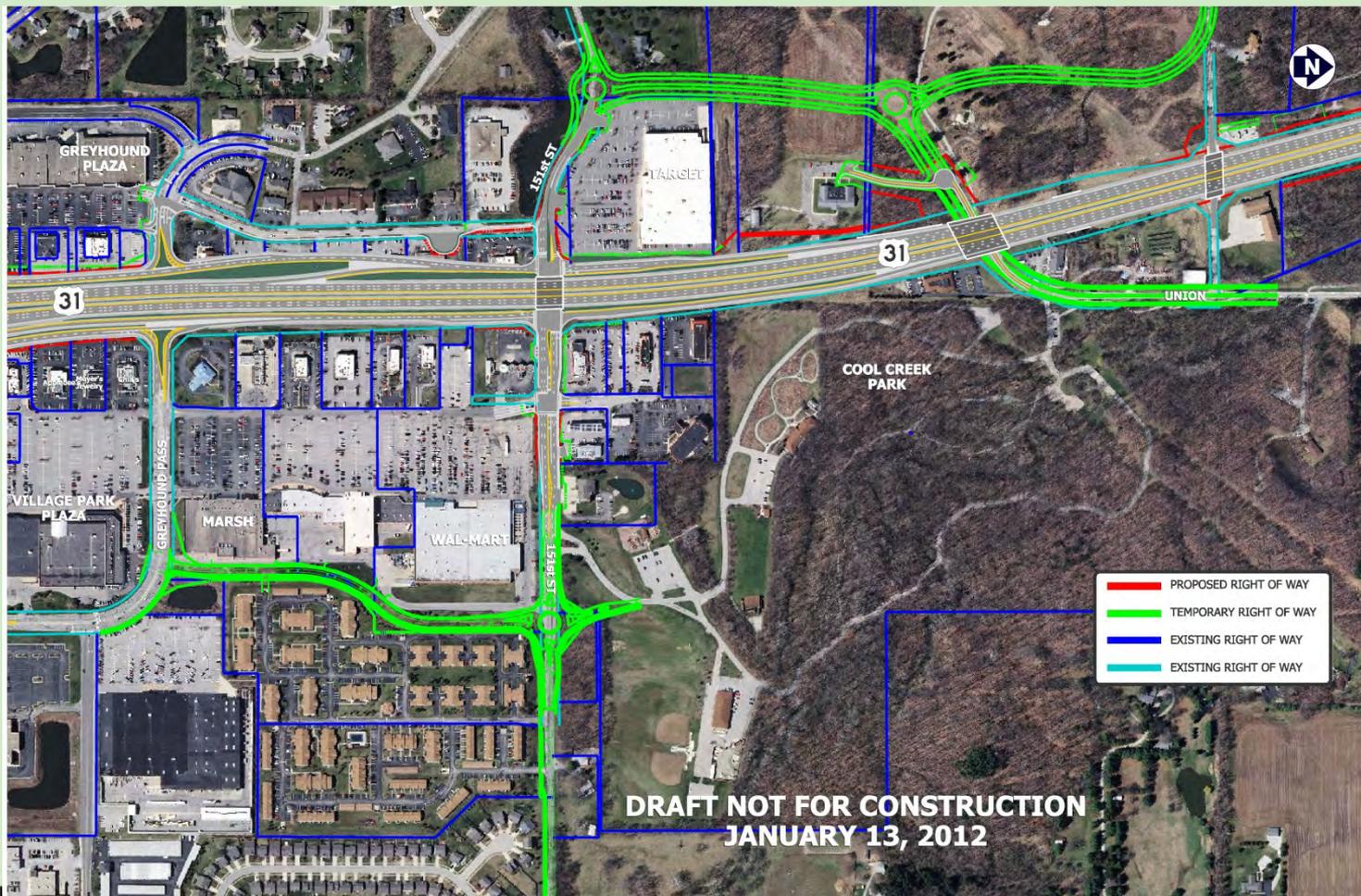
SR 32 Interchange



169th – 191st St. Area

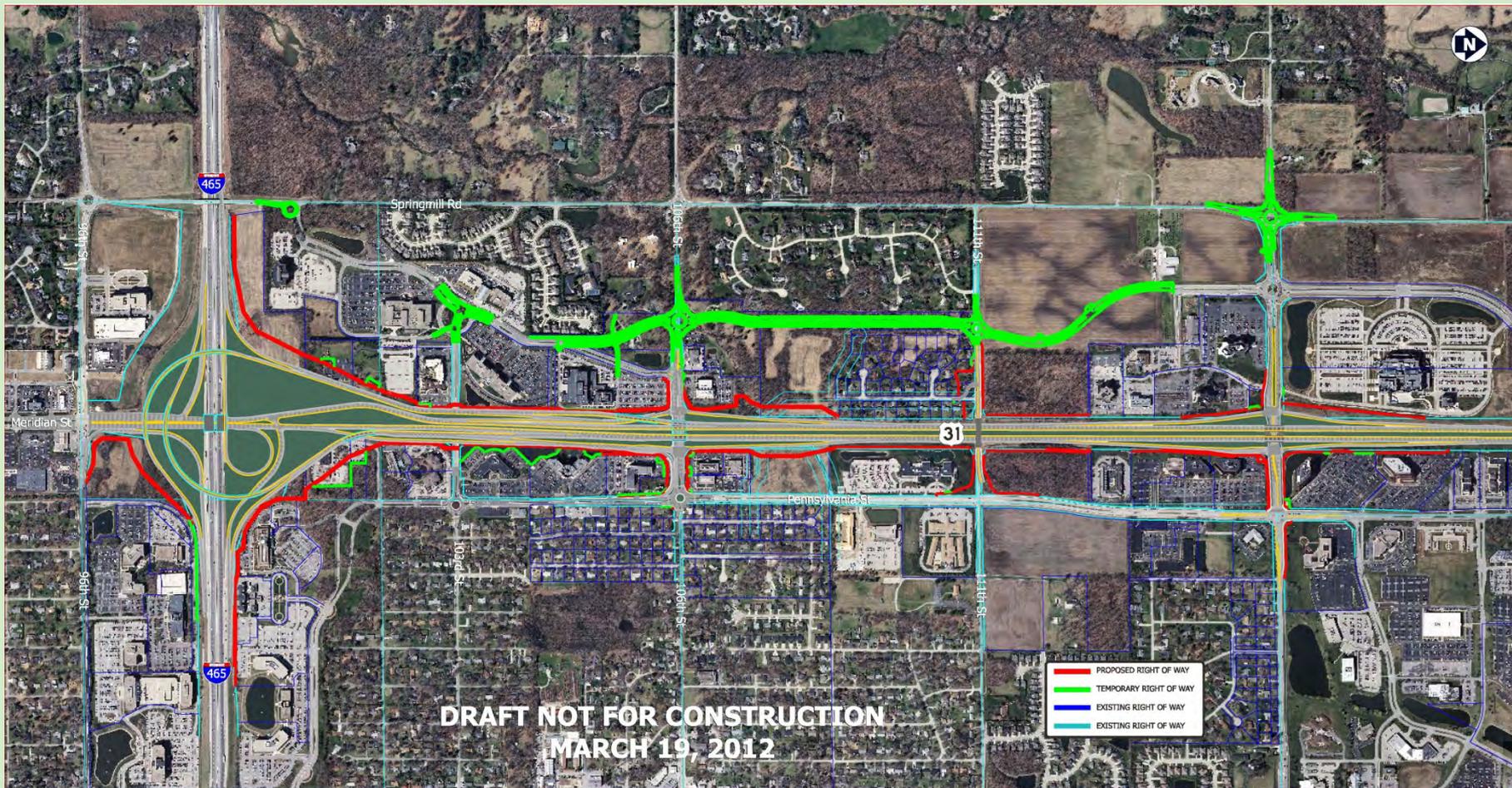


City of Westfield Local Improvements

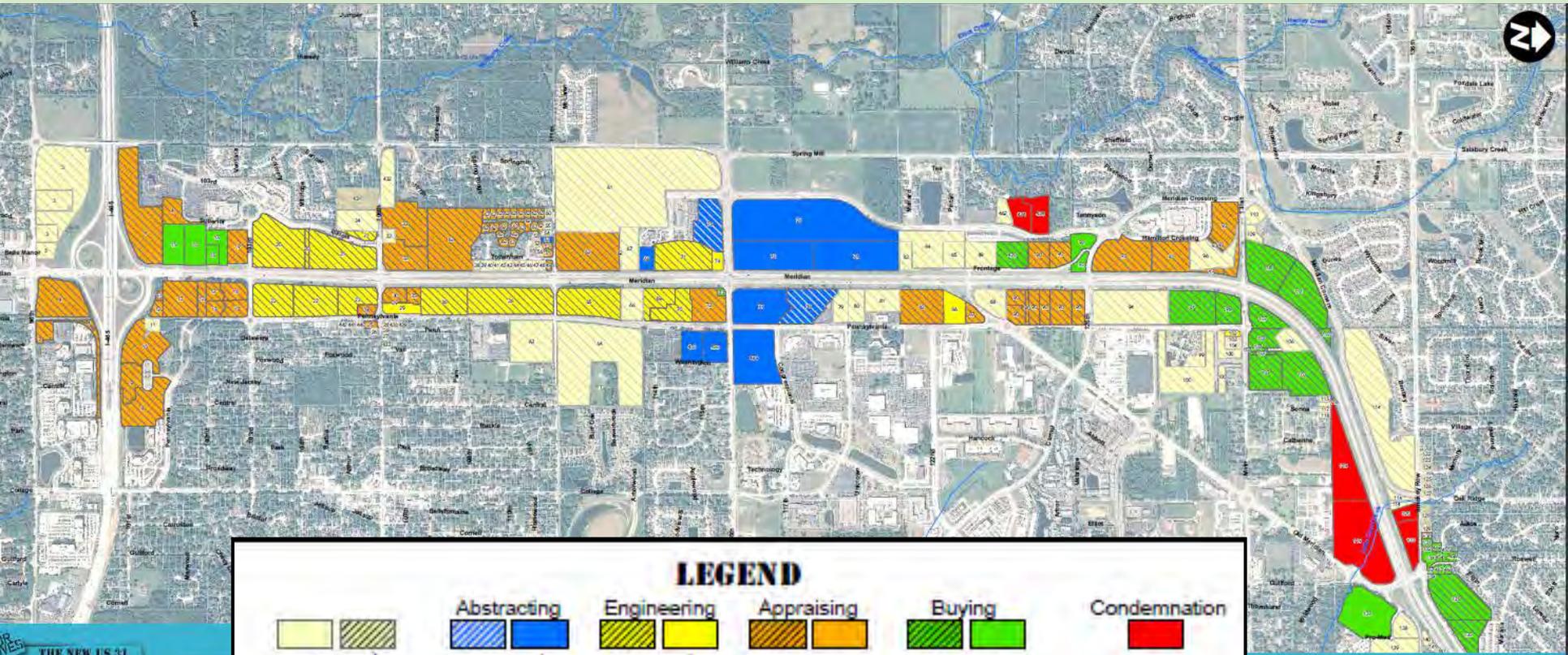


DRAFT NOT FOR CONSTRUCTION
JANUARY 13, 2012

City of Carmel Local Improvements



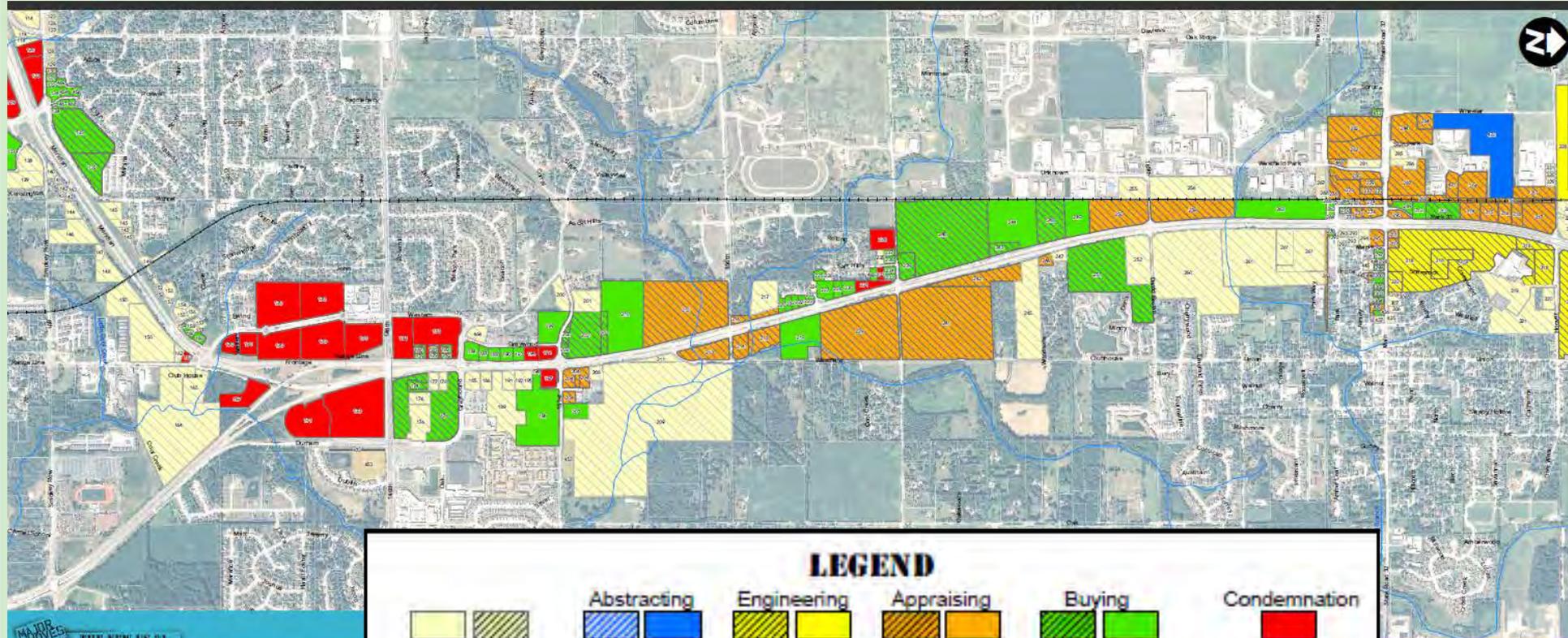
Land Acquisition Progress



LEGEND

No Action	Eliminated	Abstracting	Engineering	Appraising	Buying	Condemnation		
		Started	Finished	Started	Finished	Started	Finished	Condemnation

Land Acquisition Progress



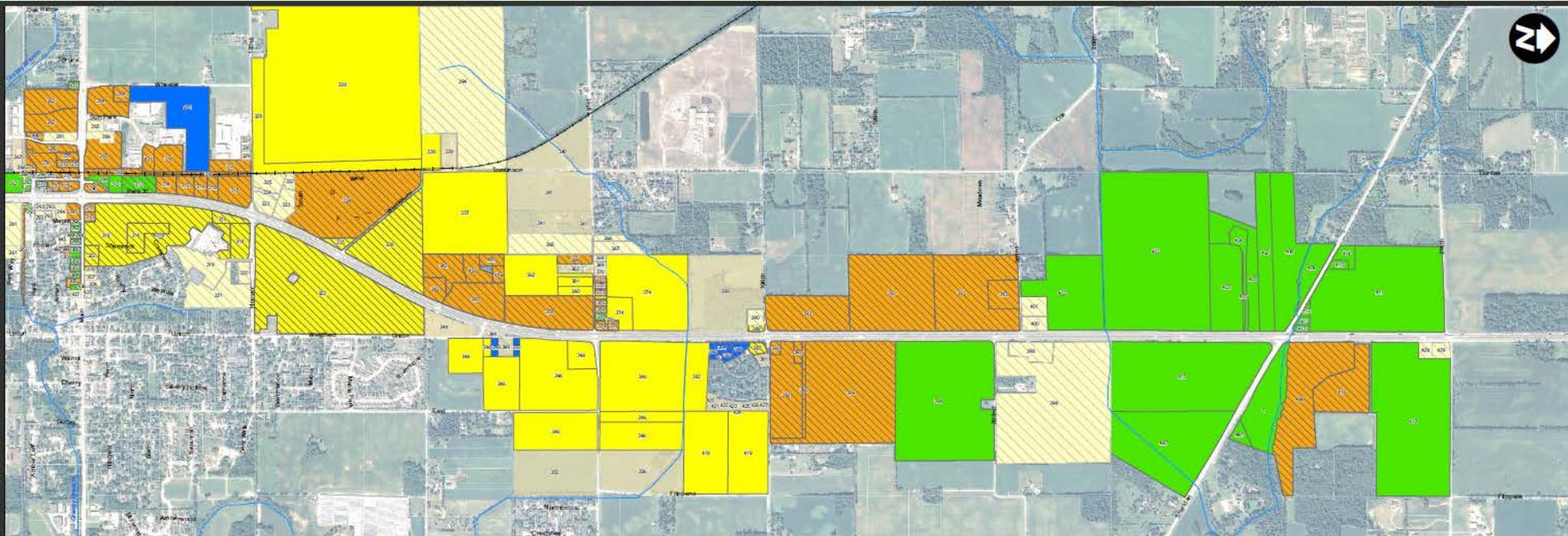
LEGEND

No Action		Abstracting		Engineering		Appraising		Buying		Condemnation	
White	Hatched	Blue (Started)	Blue (Finished)	Yellow (Started)	Yellow (Finished)	Orange (Started)	Orange (Finished)	Green (Started)	Green (Finished)	Red	

RIGHT-OF-WAY PR

MARCH 19, 2012

Land Acquisition Progress



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Maintenance of Traffic



Past & Current Construction Sequencing (Draft)

2011



SR 38
Construction

146th St
Construction &
Bridge Widening

2012



SR 38
Construction

Rangeline/146th
St & Keystone
Ramps Full
Construction

LEGEND

- Existing
- Under Construction
- Completed

Construction Sequencing

Overall Factors

- Keystone Avenue used as through detour during US 31 work between I-465 and Monon Trail
 - Trucks allowed on Keystone Ave
- 96th/Keystone Ave Interchange project – 2013/2014
 - US 31 used as through detour
- 151st/Greyhound Pass & 161st Segment –
- I-465 through Monon Trail – Work to be completed under same construction seasons



Future Construction Sequencing (Draft)

2013



SR32/191st
Offline &
Shoulder Impacts

151st/161st
Full Construction

I-465 to 136th
Minimal Work

*96th/Keystone
Full Construction

2014



SR32/191st
Full Construction

151st/161st
Complete

I-465 to 136th
Offline & Shoulder
Impacts

2015



SR32/191st
Complete

I-465 to 136th
Full Construction

LEGEND

- Existing
- Under Construction
- Completed

Future Construction Sequencing (Draft)

2013

LEGEND

-  Existing
-  Under Construction
-  Completed



SR32/191st
Offline &
Shoulder Impacts

151st/161st
Full Construction

I-465 to 136th
Minimal Work

*96th/Keystone
Full Construction

151st/Greyhound & 161st Interchanges & Mainline US 31

- US 31 Constructed under crossover traffic (two lanes each direction)
- 161st Closed during interchange construction - 169th Signal used as overflow
- Greyhound Pass or 151st Open



Future Construction Sequencing (Draft)



LEGEND

- Existing
- Under Construction
- Completed

SR32/191st
Offline &
Shoulder Impacts

151st/161st
Full Construction

I-465 to 136th
Minimal Work

*96th/Keystone
Full Construction

SR 32 and 191st St Interchanges – Offline Construction

- Offline Interchange work
- Minimal disruptions to US 31 Mainline
 - Shoulder Closures
 - Nighttime lane closures

Future Construction Sequencing (Draft)



LEGEND

- Existing
- Under Construction
- Completed

SR32/191st
Full Construction

151st/161st
Complete

I-465 to 136th
Offline & Shoulder
Impacts

SR 32 & 191st Interchanges & Mainline US 31

- US 31 Constructed under crossover traffic
 - Two lanes each direction south of SR 32
 - One lane each direction north of SR 32
- Full access provided at SR 32
- Limited Access at 191st St
 - US 31 traffic will utilize the SB On-Off Ramp at 191
 - 196th St Intersection Temporary Signal (potentially)

Future Construction Sequencing

(Draft)



LEGEND

- Existing
- Under Construction
- Completed

I-465 to Monon Trail

(I-465, 106th, 116th, 131st, & 136th)

- Offline Interchange work
- Minimal disruptions to US 31 Mainline
 - Shoulder Closures
 - Nighttime lane closures

SR32/191st
Full Construction

151st/161st
Complete

I-465 to 136th
Offline & Shoulder
Impacts

Future Construction Sequencing (Draft)



LEGEND

- Existing
- Under Construction
- Completed

I-465 to Monon Trail

(I-465, 106th, 116th, 131st, & 136th)

- US 31 Constructed under a combination of split phase traffic, crossover traffic & potential full closure.
 - Split Phase Traffic from I-465 to Old Meridian
 - Two lanes each direction from I-465 to 116th St
 - Utilizing exit/entrance ramps at 106th and 116th.
 - One lane each direction from 116th to Old Meridian
 - Crossover Traffic from 136th to Keystone Ramps
 - One lane each direction
 - Potential Full Closure of US 31 from Old Meridian to 136th St.

Potential Full Closure of US 31

Between Old Meridian & 136th St

Potential Full Closure of US 31 between Old Meridian & 136th

- Keystone Avenue – Official Detour
- Illinois/Pennsylvania/Old Meridian – Local Detour

Traffic Requirements of Full Closure

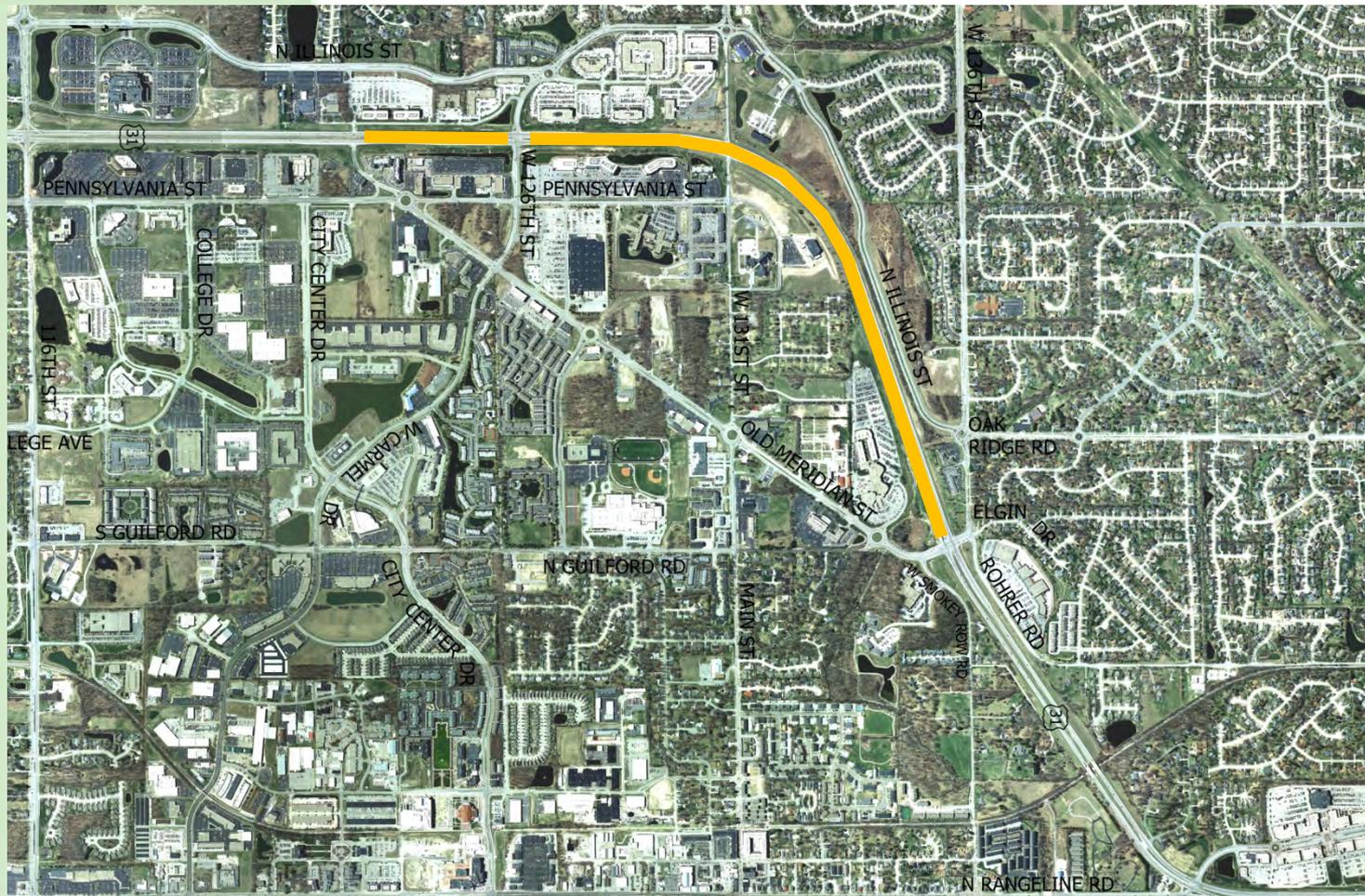
- No restrictions on Keystone (96th Interchange completed)
- Access to 136th from the north at all times – 136th open to cross traffic at all times
- Access to Old Meridian slip from the south at all times
- Either 126th or 131st open to cross traffic at all times
- Temporary median opening at Old Meridian during closure to relieve congestion at Old Meridian/Penn roundabout.

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Potential Full Closure of US 31

Between Old Meridian & 136th St



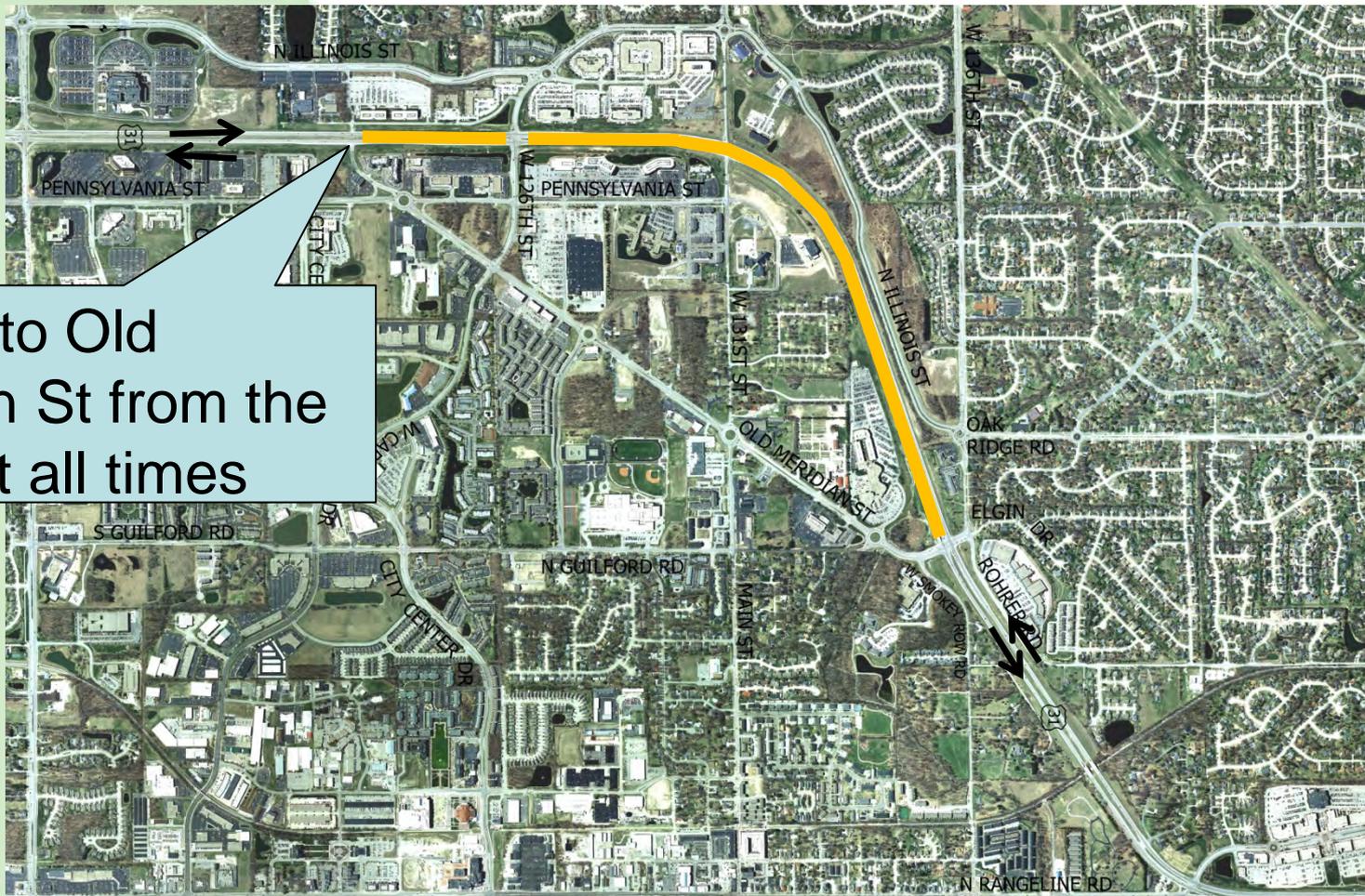
Potential Full Closure of US 31

Between Old Meridian & 136th St



Potential Full Closure of US 31

Between Old Meridian & 136th St



Access to Old Meridian St from the South at all times

Potential Full Closure of US 31

Between Old Meridian & 136th St



Temporary Median
Opening at Old
Meridian St

Potential Full Closure of US 31

Between Old Meridian & 136th St



Either Carmel Drive
or Main St open to
cross traffic at all
times

Thank you!

*Please see project team
members to answer
individual questions.*