



February 2020

Today's Presenters

- Robert Vane
- Cris Klika
- Jennifer Pyrz
- Jon LaTurner
- Haseeb Ghumman

Project Purpose and Need

A connection between Ameriplex Parkway and Southport Road has been identified in the Marion County Thoroughfare Plan since 1997



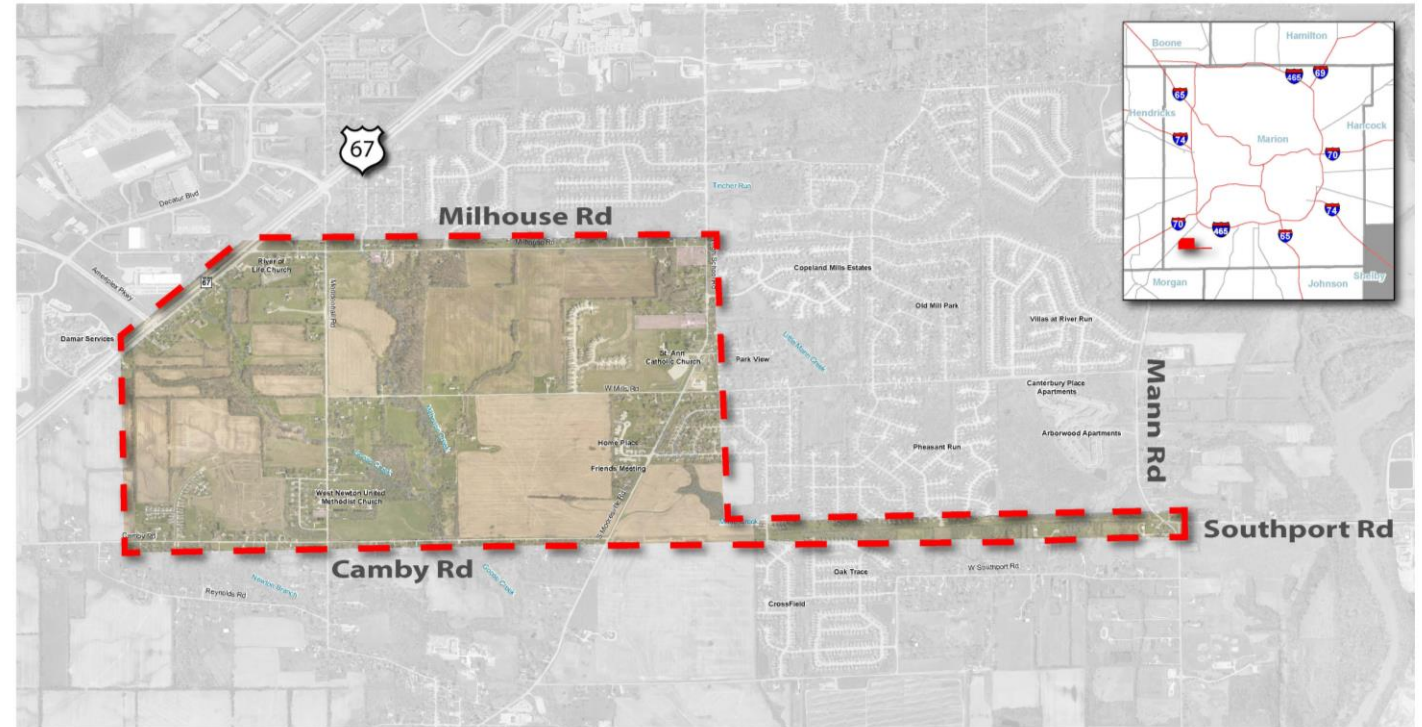
Purpose:

To improve east-west connectivity across the southern part of Marion County

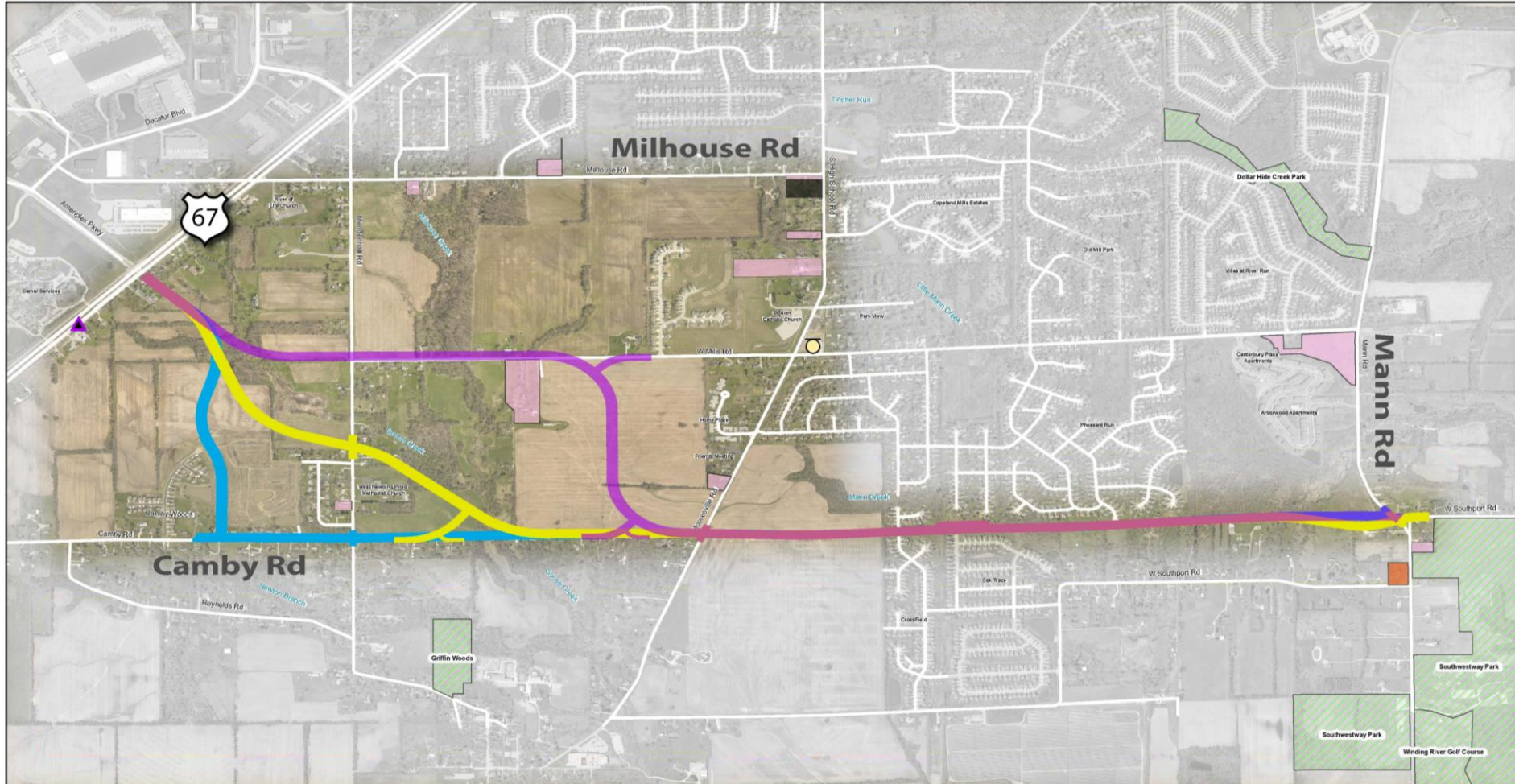
To support economic development within the southwest portion of Marion County

Original Alignment Study

- Original Alignment Study completed in November 2017
 - Evaluated multiple alignments to connect SR 67 to Mann Road
 - Conducted Public meeting in May 2017 to share data collected and seek input
 - Study was then put on hold

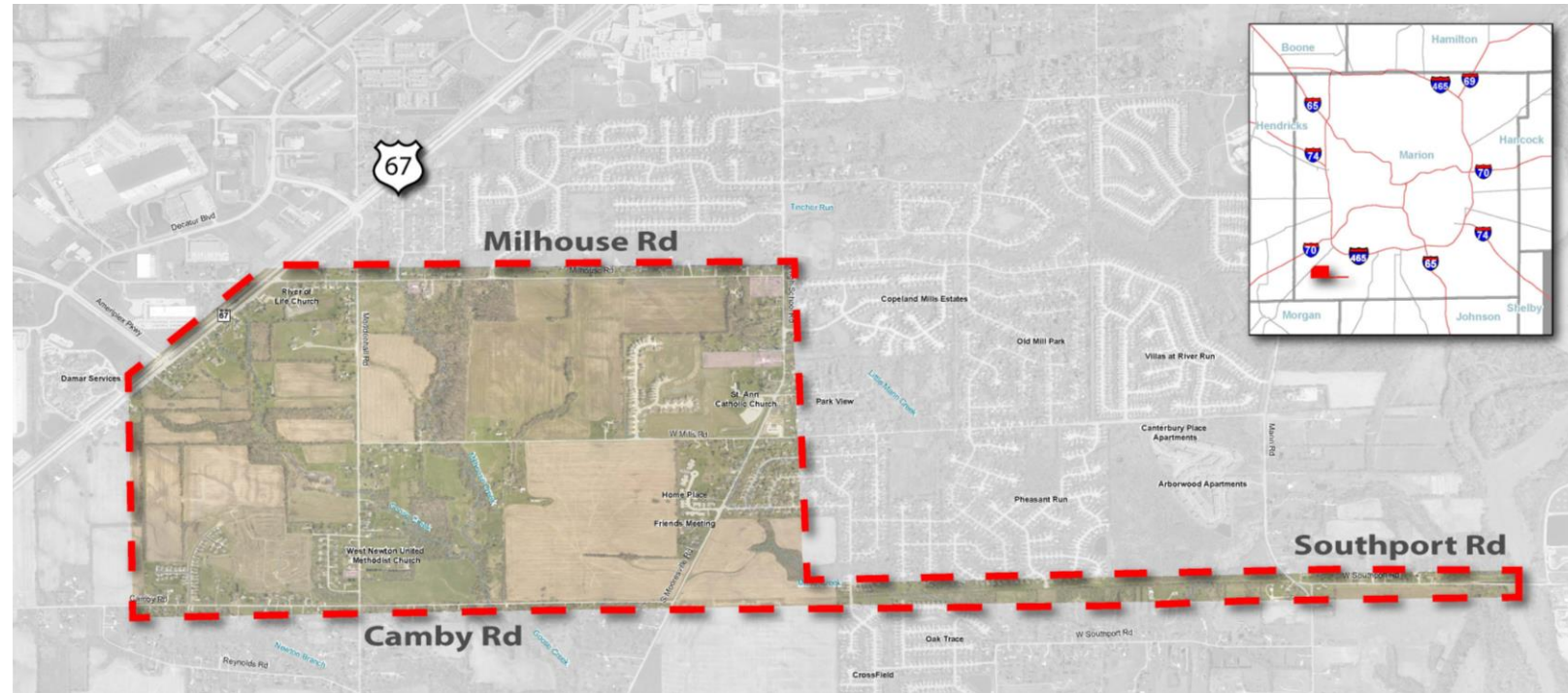


Analyzed 3 Alignments

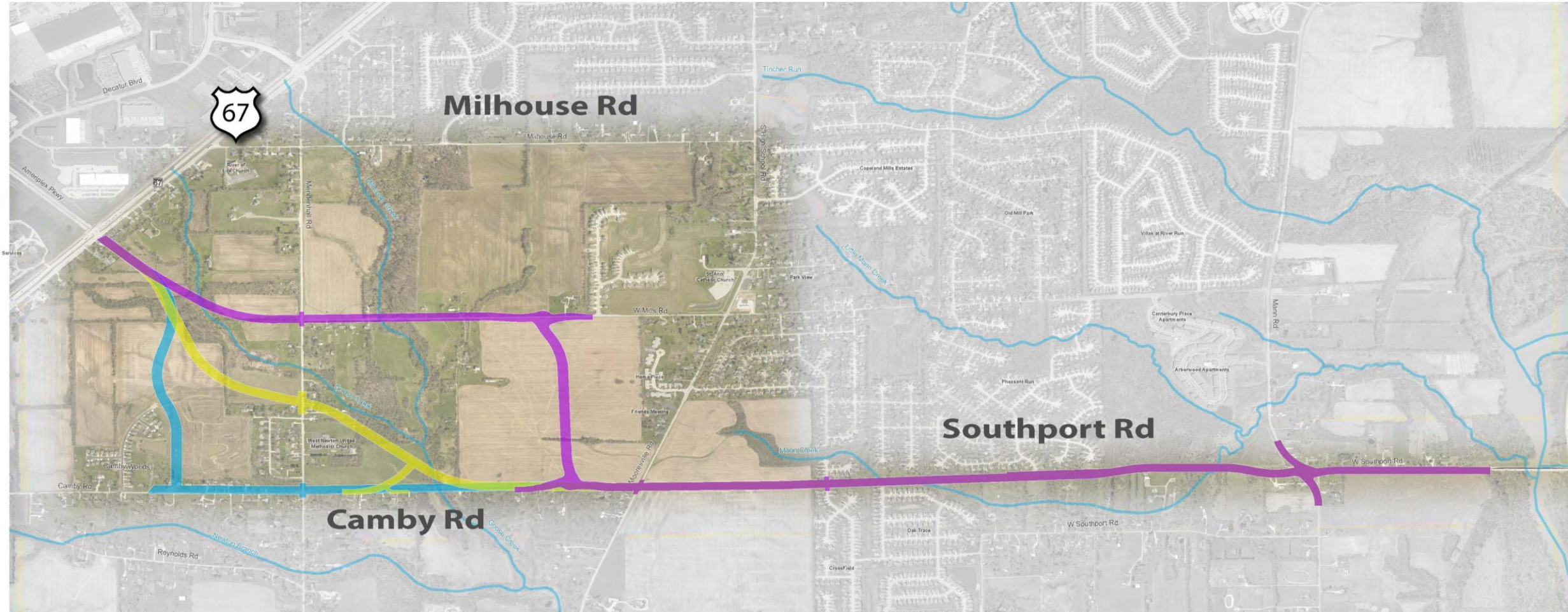


Updated Alignment Study Began in 2019

- Why now?
 - Funding for I-69 identified and construction beginning
- What was updated?
 - Extended project to White River
 - Environmental impacts
 - Traffic projections
 - Costs



Analyzed 3 Alignments



Legend

- Alternative 3 Right-of-Way Limits
- Alternative 2 Right-of-Way Limits
- Alternative 1 Right-of-Way Limits
- Streams
- Roads

Prepared Traffic Forecasts



Travel Demand
Model used to
project future
traffic demand

21,000 to 27,000 vehicles per
day in 2045 from Kentucky
Avenue and Mann Road
38,000 to 40,000 vehicles per
day on Southport Road east
of Mann Road



Stop control on lower volume streets that
intersect the new roadway..

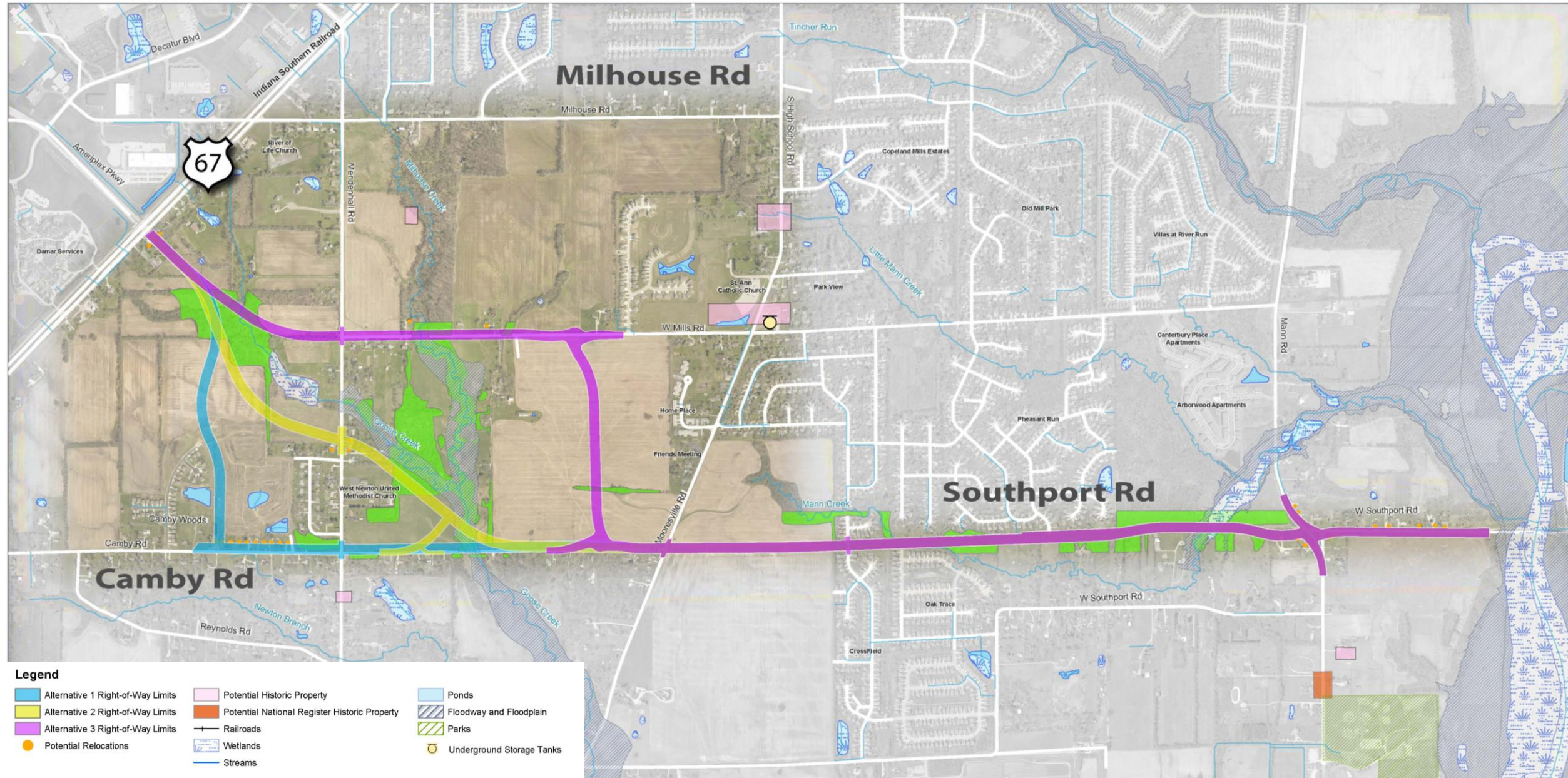


Traffic signals or roundabouts assumed at
higher volume intersections.



Detailed traffic forecasts and analysis would
be necessary during project design to select
the best intersection control and lane
configurations.

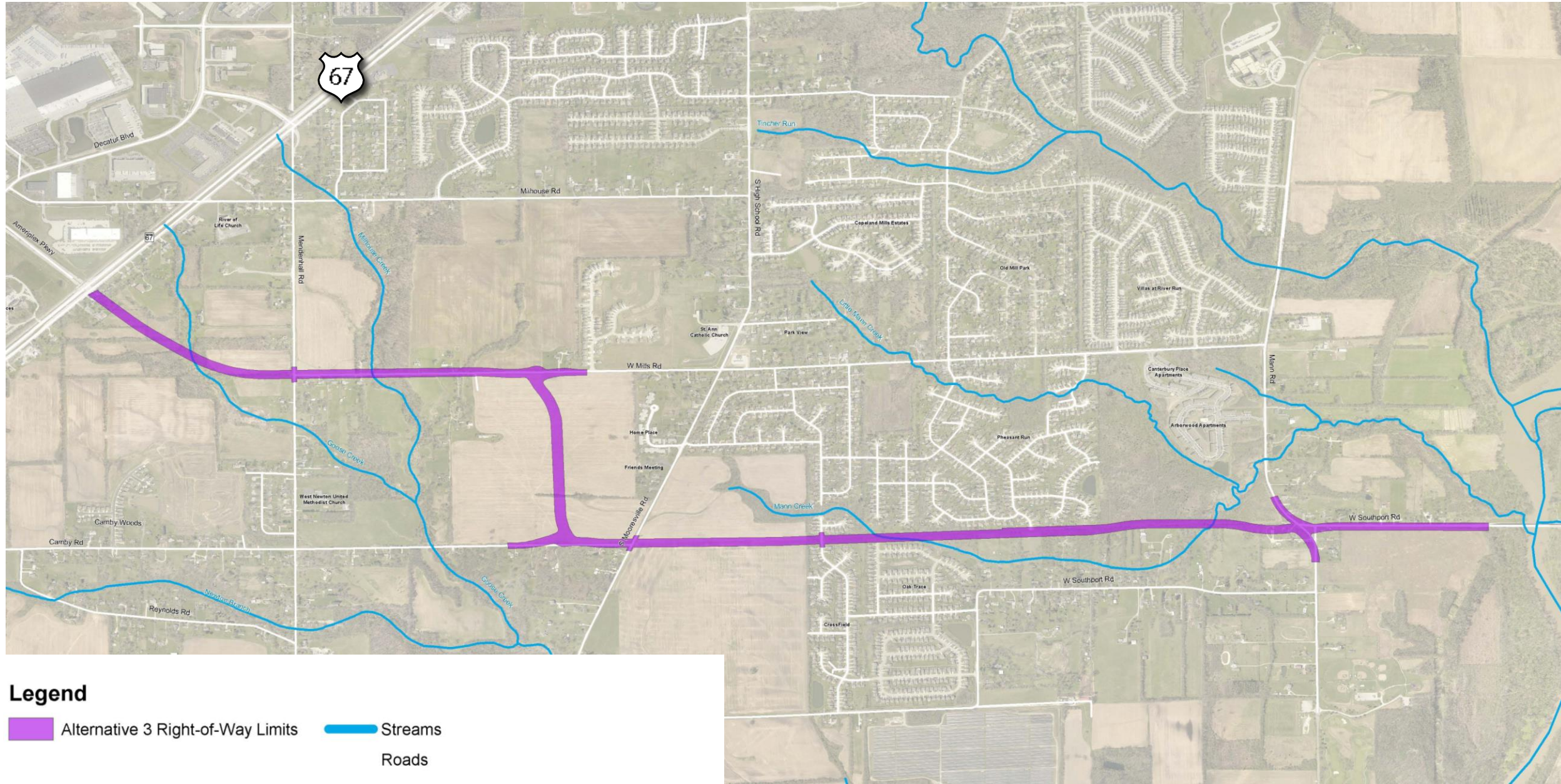
Identified Potential Impacts of Each Alignment

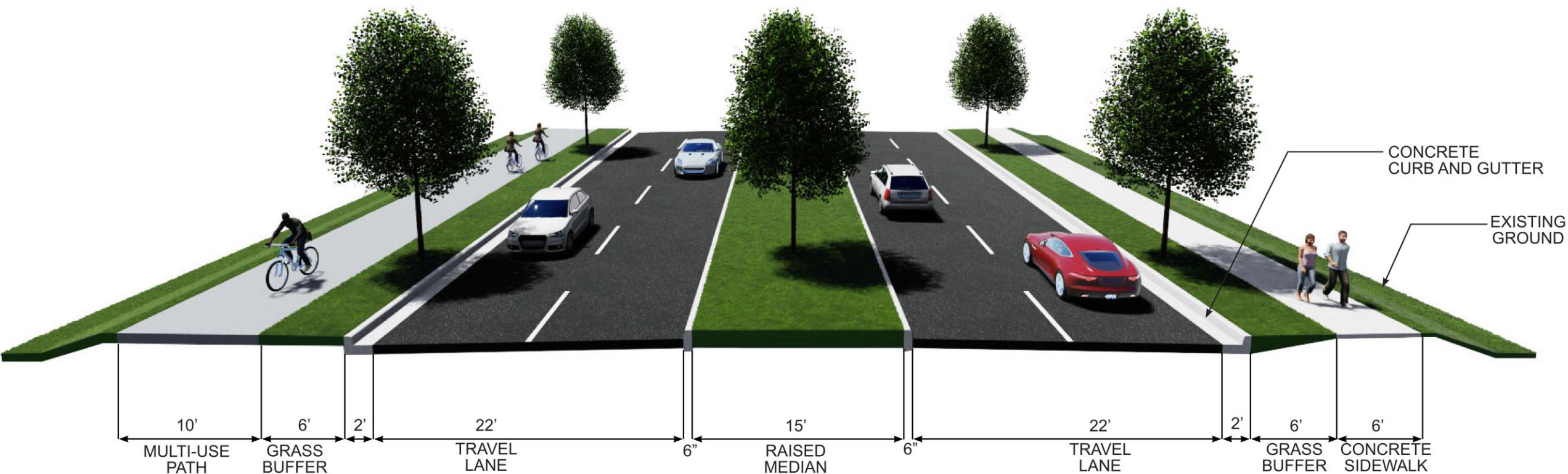


Comparison of Alternatives

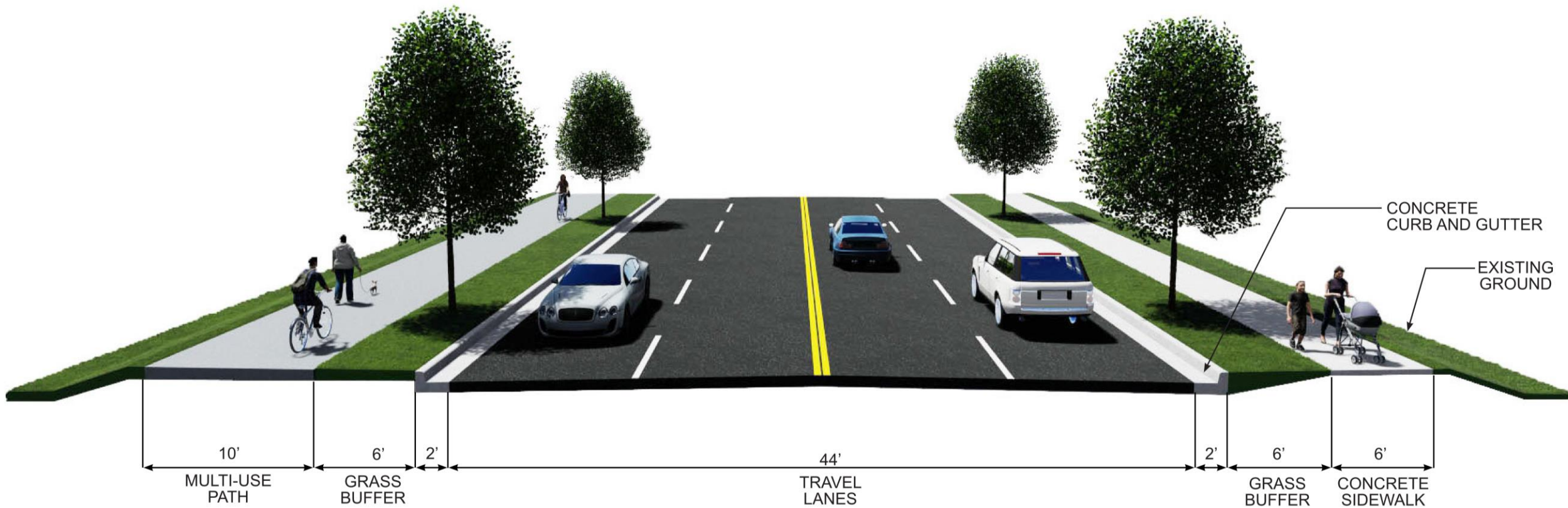
Impact		Alternative 1	Alternative 2	Alternative 3
Alternative Length		3.76 miles	3.44 miles	3.62 miles
Streams & Wetlands	Stream Crossings	4	4	5
	Stream Impacts	1,702 feet	1,752 feet	1,948 feet
	Floodplain/Floodway	1.8 acres	2.2 acres	2.4 acres
	Wetland Impacts	0.5 acres	0.5 acres	0.5 acres
Right-of-Way				
Potential Relocations				
Land Use	New Right of Way	103 acres	103 acres	102 acres
	Residential	16 homes	21 homes	6 homes
	Forest Impacts	10.7 acres	12.4 acres	11.0 acres
	Residential Impacts	24.4 acres	20.5 acres	18.4 acres
	Commercial Impacts	<0.1 acres	1.1 acres	<0.1 acres
	Agricultural Impacts	76.4 acres	78.4 acres	82.3 acres
Exempt / Park Impacts		2.2 acres	2.2 acres	2.2 acres
Costs		\$75-\$85 million	\$70-\$80 million	\$70-\$80 million

Alternative 3 is Recommended as Preferred Alignment



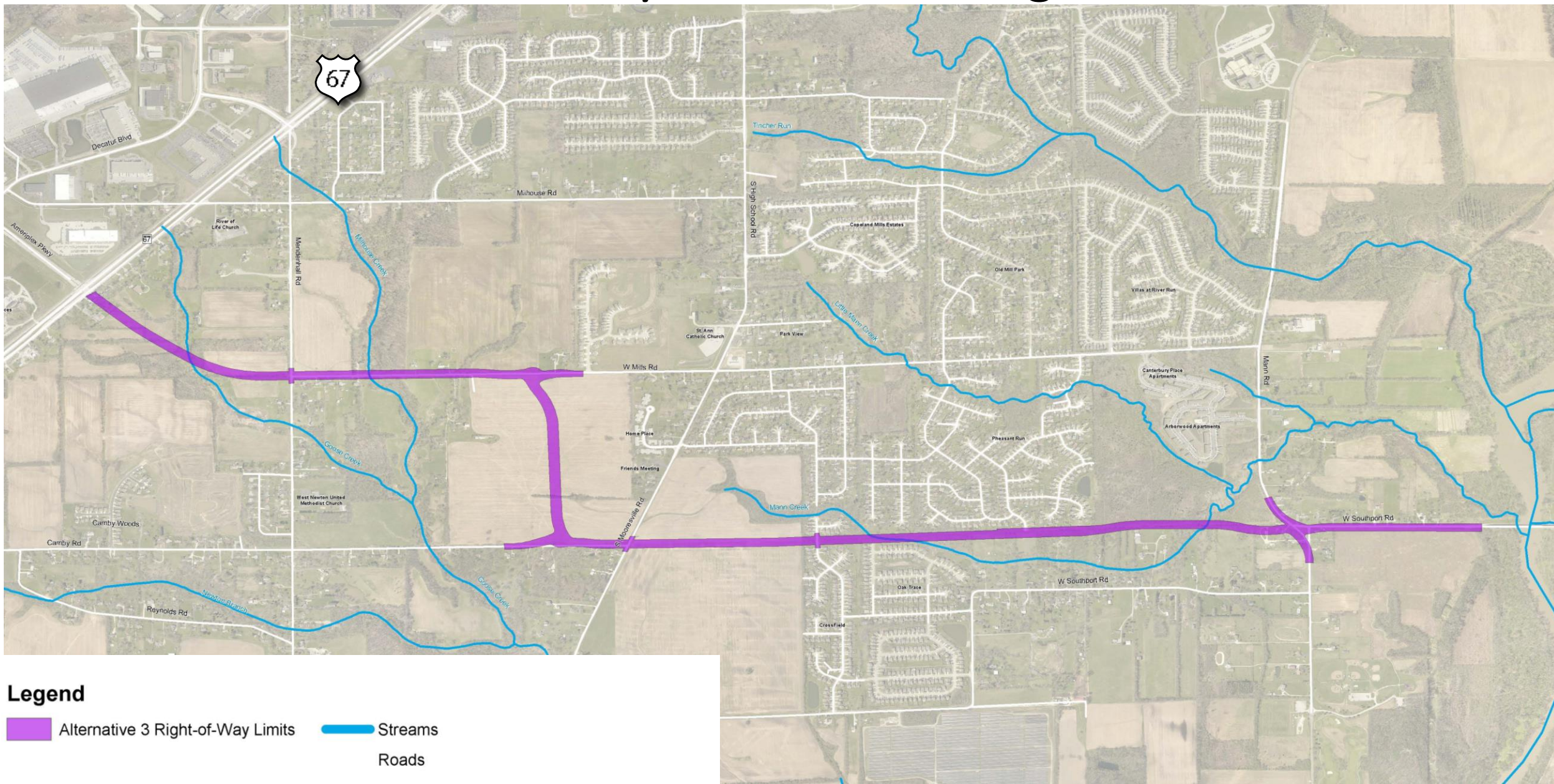


Typical Section



Typical Section

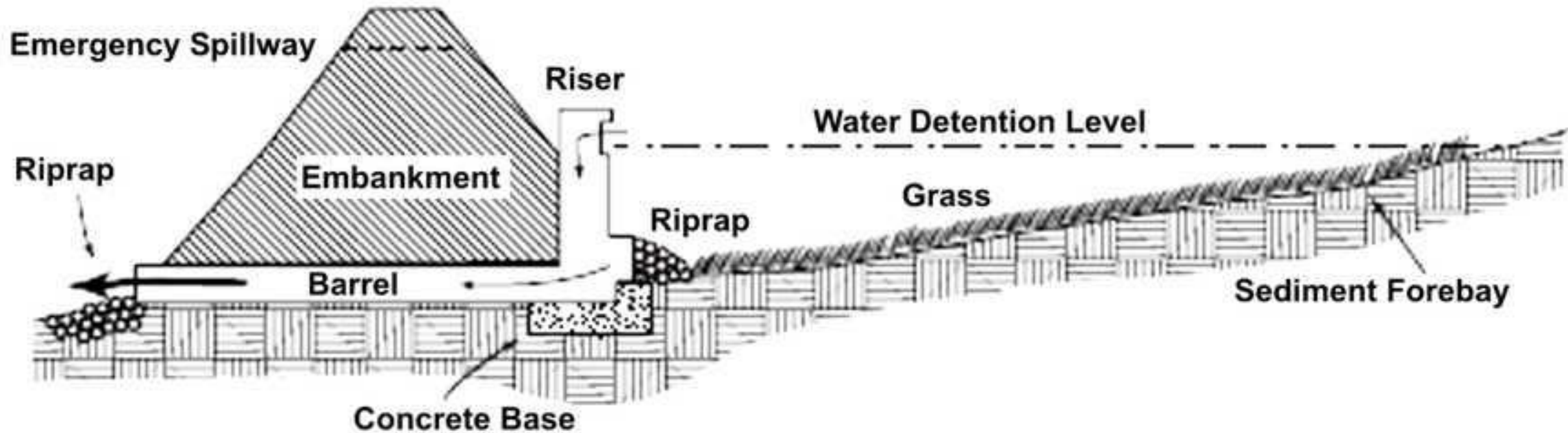
Primary Stream Crossings





- Detention ponds (dry basin and wet pond shown here) are meant to gather and slow down water from roadways and rooftops
- The capture of water slows down erosion in the receiving streams and generally reduces flood flows.
- Safety precautions such as curbs or guardrails must be taken to protect drivers exiting the road in the vicinity of a wet pond.

Detention Basins



Detention Basins

- The sediment forebay that provides a water quality improvement component
- The outlet structure through the barrel (which creates the reduction in flows exiting the basin)
- The emergency spillway for inflows greater than those that are in City standards.
- This depiction could be for either a dry basin or wet pond.

Amenities



PEDESTRIAN & BIKE
FRIENDLY DESIGN



ROUNABOUTS



LIGHTING



Pedestrian & Bike Friendly Design

- Sidewalks for Pedestrians
- Multiuse Path for Bikers
- ADA Compliant
- Optional Pedestrian Hybrid Beacon (HAWK Signal)





Roundabouts

- Improved Safety
- Improved Traffic Operations
- Promote Traffic Calming – reduced travel speed through corridor.



Lighting

- Intersection and Roundabout Lighting
- Pedestrian Safety at Crosswalks

Next Steps

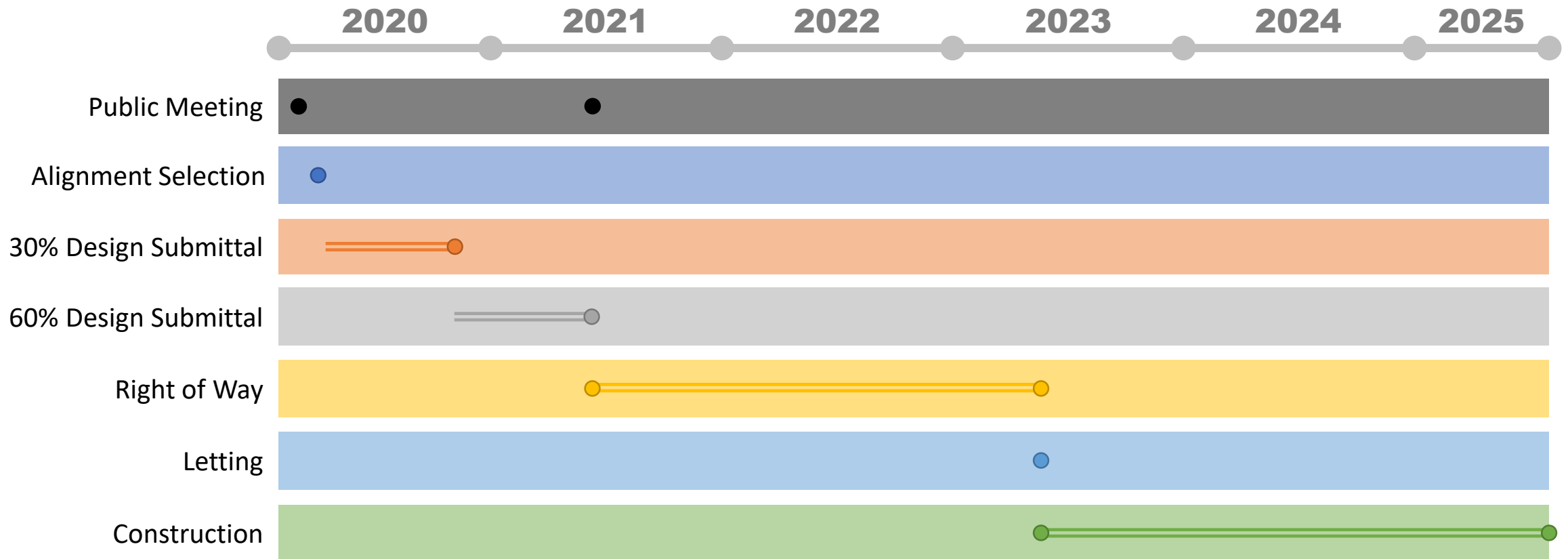


Input from Public and
Stakeholders by March 6



Alignment Selection and
Engineer's Report

Timeline



How to share your input



Information Stations

GOOGLE EARTH STATIONS

Zoom in on your area of
interest

ROLL PLOTS

Overall view of the
project

RIGHT OF WAY PROCESS

Find out how offers are
made

ALIGNMENT STUDY

Get more details about
the alignment study

PUBLIC COMMENT STATIONS

Please stop by to share
your thoughts

DRAINAGE

Get information about
roadway drainage

ENVIRONMENTAL IMPACTS

Get information on
environmental
considerations