



US 31W Nashville Road



**PRESENTED BY:
DISTRICT 3: Ben Hunt, PE**



Project History

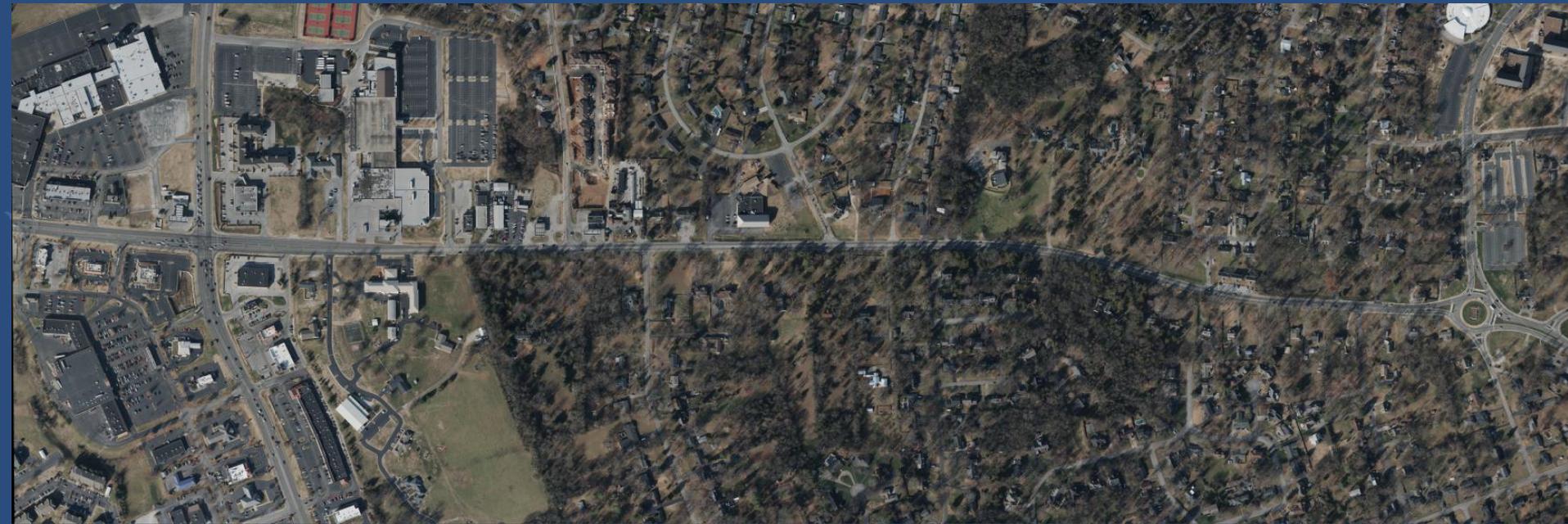
- Preliminary design was initiated in Fall of 2017
- Stakeholder meeting held tonight will assist the Cabinet in selecting a typical section



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Project Overview



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Project Funding

From Enacted 2018 Highway Plan

- **Right of Way (2019)** **\$1,750,000**
- **Utilities (2019)** **\$2,000,000**
- **Construction (2022)** **\$4,250,000**



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Project Purpose and Need

- **Increased Capacity/Eased Congestion**
- **Safer and more efficient roadway**
- **Accommodation of future traffic as well as pedestrians and cyclists**

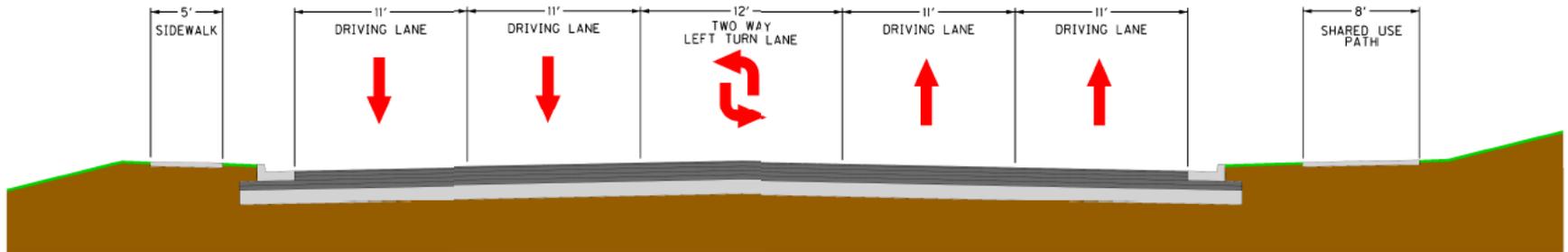


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Typical Section Alternates

- Typical Section - A typical section refers to the configuration of the roadway such as lane width, median type, ditch geometry, curbing, sidewalks, etc.)
- Starting at approximately Potter Children's Home to near Newman Way:
5-lane typical section including a center turn lane



5 LANE URBAN TYPICAL CROSS SECTION
FROM POTTER CHILDREN'S HOME TO NEWMAN WAY



Typical Section Alternates

- From Newman Way to 300' South of Oaklawn Way two options are presented tonight
- Option A includes a raised median
- Option B has no median and turn lanes will be installed at Newman Way and Lansdale Avenue
- Both options are designed to help control speeds that are anticipated to increase with more travel lanes



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Typical Section Alternates

- **Option A with Raised Median**
- **Width can vary from 8'-20'**
- **A narrower median will widen out at turn lane areas**
- **Landscaping is possible in the raised median**
- **Left turns out of driveways will be restricted in the median area and will require U-Turns at Newman Way and Lansdale Avenue to go North or South respectively**

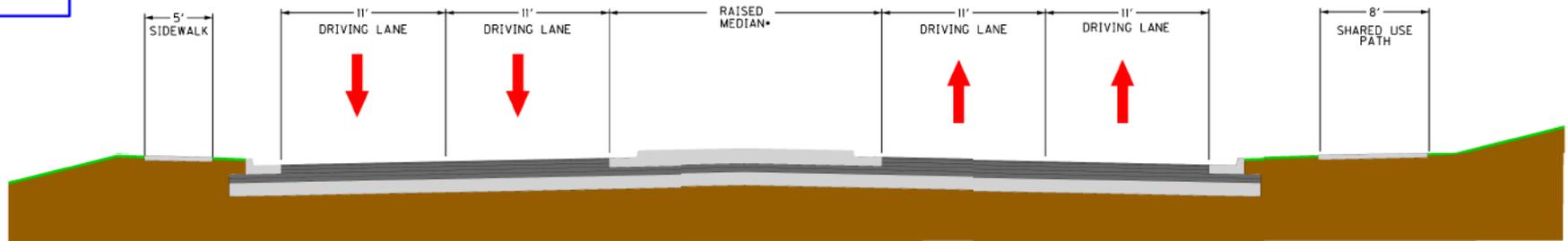


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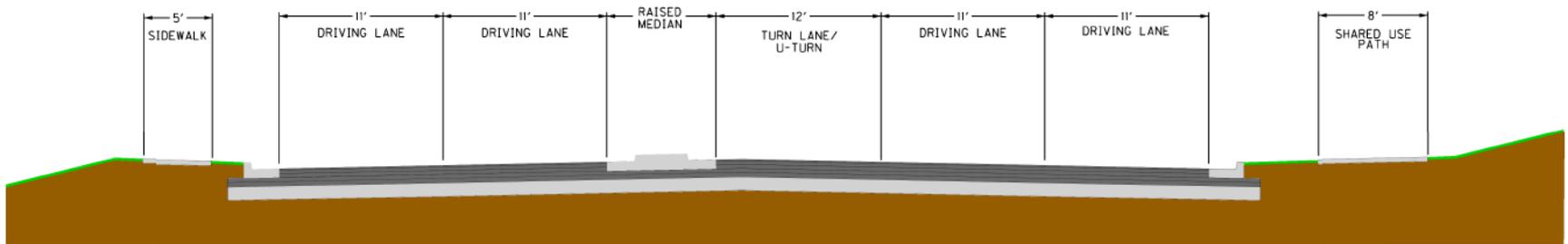
Typical Section Alternates

OPTION A



**4 LANE URBAN TYPICAL CROSS SECTION WITH RAISED MEDIAN
FROM NEWMAN WAY TO APPROX 300' SOUTH OF OAKLAWN WAY**
***NOTE: MEDIAN WIDTH CAN VARY FROM 8'-20' AND WILL POSSIBLY CONTAIN LANDSCAPING.
A LEFT TURN LANE/U-TURN WILL BE INSTALLED AT NEWMAN WAY AND LANSDALE AVENUE**

OPTION A WITH TURN LANE



**4 LANE URBAN TYPICAL CROSS SECTION WITH RAISED MEDIAN
FROM NEWMAN WAY TO APPROX 300' SOUTH OF OAKLAWN WAY**
***NOTE: A LEFT TURN LANE/U-TURN WILL BE INSTALLED AT NEWMAN WAY AND LANSDALE AVENUE**



Raised Landscaped Median Example



Typical Section Alternates

- **Option B without Raised Median**
- **Turn lanes will be developed at Newman Way and Lansdale Avenue**
- **Lack of separation between traffic directions will help to reduce speeds**

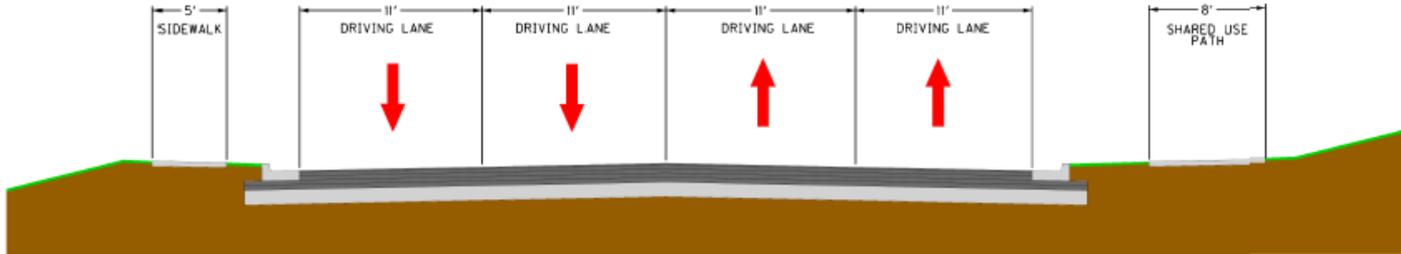


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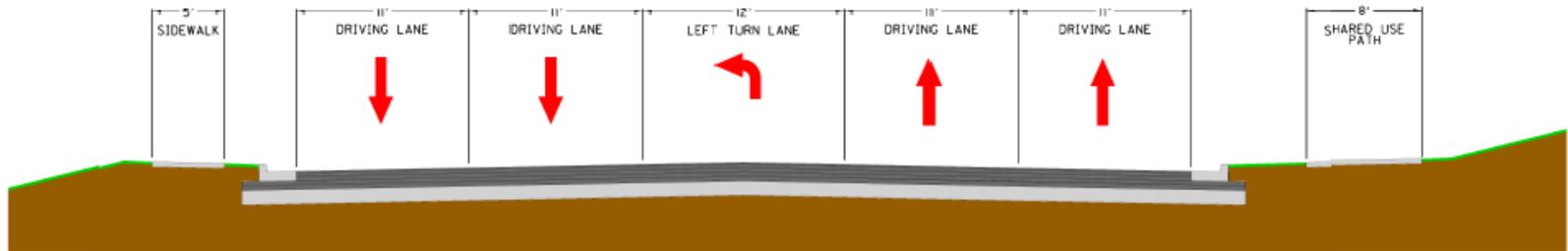
Typical Section Alternates

OPTION B



4 LANE URBAN TYPICAL CROSS SECTION
FROM NEWMAN WAY TO APPROX 300' SOUTH OF OAKLAWN WAY
*NOTE: LEFT TURN LANES WILL BE INSTALLED AT NEWMAN WAY AND LANSDALE AVENUE

OPTION B WITH TURN LANES



4 LANE URBAN TYPICAL CROSS SECTION
FROM NEWMAN WAY TO APPROX 300' SOUTH OF OAKLAWN WAY
*NOTE: LEFT TURN LANES WILL BE INSTALLED AT NEWMAN WAY AND LANSDALE AVENUE

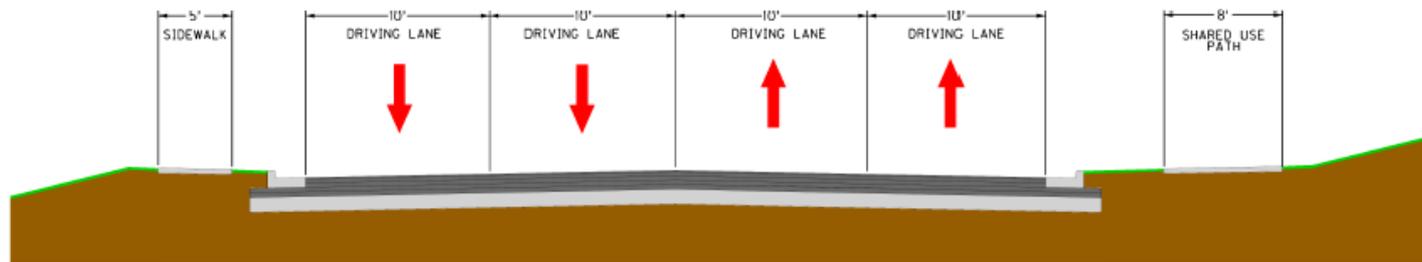


4 Lane Urban Roadway Example



Typical Section Alternates

- From approximately 300' South of Oaklawn Way to Oaklawn Way the typical section will tie in to the section completed with the Roundabout Project



4 LANE URBAN TYPICAL CROSS SECTION
FROM 300' SOUTH OF OAKLAWN WAY TO OAKLAWN WAY
NOTE: THIS SECTION WILL TIE INTO THE EXISTING 4 LANES COMPLETED WITH THE ROUNDABOUT PROJECT



Next Steps

- **Analyze stakeholder feedback/complete Preliminary Design: 2018/2019**
- **Final Design: 2019.**
- **Right of Way Acquisition: 2019**
- **Utility relocation follows Right of Way Acquisition**
- **Construction: 2022**



Natcher Parkway Interchange at Elrod Road





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Questions???