



City of Hudson, Ohio

Staff Report With Text

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Title: Discussion: The SR 91 North Turn Lane Improvements, Costs Estimates and Recommendations.
 Executive Summary: The SR 91 North Turn Lane Improvement project design includes the evaluation of the addition of left turn lanes at Valley View Road, Herrick Park Drive & Hines Hill Road, resurfacing of SR 91 from Brandywine Drive to Middleton Road, the installation of a sidewalk on one side of the road, and bike lanes on both sides of the road from Brandywine Drive to Middleton Road. The City of Hudson staff has completed a feasibility study and public open house for the project and would like to review the improvement options, cost estimates and recommendations with City Council.

Sponsors: David A. Basil

Indexes: Engineering

Code sections:

Attachments: 1. Alternates Matrix, 2. Design Maps, 3. Bike Lane Design

Date	Ver.	Action By	Action	Result
7/12/2016	1	City Council Workshop	discussed	

Discussion: The SR 91 North Turn Lane Improvements, Costs Estimates and Recommendations.

Executive Summary: The SR 91 North Turn Lane Improvement project design includes the evaluation of the addition of left turn lanes at Valley View Road, Herrick Park Drive & Hines Hill Road, resurfacing of SR 91 from Brandywine Drive to Middleton Road, the installation of a sidewalk on one side of the road, and bike lanes on both sides of the road from Brandywine Drive to Middleton Road. The City of Hudson staff has completed a feasibility study and public open house for the project and would like to review the improvement options, cost estimates and recommendations with City Council.

Legislative History

- 15-13: Authorization to Enter into Contract with ms Consultants for the First Phase of Engineering Design
- 14-113: Authorization to Amend LPA Agreement and Funding Commitment with ODOT
- 12-35: Authorization for City to enter into Lead Public Agency (LPA) with ODOT
- 11-111: Authorization to Apply for STP funds as Programmed by AMATS

Purpose & Explanation

The City Administration would like to discuss with City Council the SR 91 North Turn Lane Improvement project, project options, cost estimates and recommendations. (See the attached roadway typical section, widening alternates summary and plan sheets)

The study and design of the State Route 91 North Turn Lane Improvements was divided into two phases due

to a number of unknown design elements. The first phase of design included a feasibility study which focused on reviewing major project factors including the elimination of the heaving roadway shoulders, the need for turn lanes at Valley View Road, Herrick Park Drive and Hines Hill Road, providing bicycle/pedestrian facilities and providing storm water improvements. The initial phase of design included a traffic study that determined that turn lanes at Valley View Road, Herrick Park Drive and Hines Hill Road are warranted due to a high frequency of rear-end collisions. The study evaluated the potential environmental impacts and right-of-way takes involved with widening the road in these areas. Following the development of the feasibility study, a public meeting was held to gather comments from adjacent land owners on the overall project components and potential impacts.

A summary of the widening alternates, project impacts and cost estimates are also attached for further reference.

Timing Considerations

A consultant will be selected to begin the final phase of design after Council has provided input on the first phase of design. The anticipated schedule for the completion of the construction of the improvements is 2019.

Fiscal Impact

- Currently Budgeted
- Supplemental Appropriation Required
- Appropriation Not Required.

Suggested Action

The City Administration recommends City Council approve Alternate A1, with 11-foot turn lanes at Hines Hill Road, Herrick Park Drive & Valley View Road, 5' bike lanes on both sides of the roadway and an eight (8) foot sidewalk on the east side of the road.

Submitted by,

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