Old Lynchburg Road and Fifth Street Extended Intersection Improvements

ZONING MAP AMENDMENT
ZMA201900003

ALBEMARLE BUSINESS
CAMPUS
SINGLE-LANE
ROUNDABOUT EXHIBIT
Sheet 1 of 1

This exhibit is shown for roundabout feasibility purposes. This exhibit shows a roundabout with a 150' inscribed diameter, slip lane, and pedestrian improvements.

Approximately 0.05 AC (2350 SF) ROW dedication from the eastern portion of the project property may be required for a single-lane roundabout with a 150' inscribed diameter.

Key
- Area on project property that may be required for roundabout improvements
- Parcel boundary

TMP(s) 76-46A, 76-54, Portion of 76-46F

Submitted 18 March 2019
Revised 17 June 2019
Revised 29 July 2019
Revised 13 September 2019
Revised 16 December 2019
REVISED 16 MARCH 2020

project: 18.004

SHIMP ENGINEERING, P.C.
Old Lynchburg Road and Fifth Street Extended Intersection Improvements

Project Description
This project will convert the existing un-signalized intersection to an alternative intersection (roundabout). This will help reduce conflict points and increase pedestrian and bicyclist access at the intersection. A traffic study is currently underway and is expected to be complete in the Spring of 2020.

Cost Estimate

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Engineering</td>
<td>$1.0 million</td>
</tr>
<tr>
<td>Right of Way Acquisition</td>
<td>$1.5 million</td>
</tr>
<tr>
<td>Construction</td>
<td>$6.0 million</td>
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</tbody>
</table>

Needs Addressed

Safety  Pedestrian Access  Bicycle Access  Transit Access

Project Concerns
No known concerns at this time

Entity Submitting
Albemarle County