



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H140785

**Mode:** Highway

**Status:** Submitted

## SR-1005 (Landsford Road)

**From/Cross Street:** Landsford Rd and Old Pageland Marshville Rd

**Specific Improvement Type:** 10 - Improve Intersection

**To:**

**Project Category:** Division Needs

**Length:** 0.5

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$233,000

### Description:

Construct left turn lanes on Landsford Rd

**Division(s):** Division 10

**County(s):** UNION

**MPOS(s)/RPO(s):** Rocky River RPO

### Project Location



**Statewide Mobility Total Score: 0**

| Quantitative Score                          | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
|   | N/A                                  | N/A                        |
| <b>Totals: Weight: 0% Weighted Score: 0</b> |                                      |                            |

**Regional Impact Total Score: 0**

| Quantitative Score                          | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
|   | Percent: 15% Points:                 | Percent: 15% Points:       |
| <b>Totals: Weight: 0% Weighted Score: 0</b> |                                      |                            |

**Division Needs Total Score: 0**

| Quantitative Score                              | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
| Congestion (V/C) (20%) 5.29                     | Percent: 25% Points:                 | Percent: 25% Points:       |
| Safety (10%) 16.65                              |                                      |                            |
| [Travel Time] Benefit/Cost (20%) 0.00           |                                      |                            |
| <b>Totals: Weight: 50% Weighted Score: 2.72</b> |                                      |                            |

**Project Data \*****Existing Conditions**

|   |                  |
|---|------------------|
| Existing Cross-Section:                     |                  |
| Speed Limit:                                | 53               |
| Length (miles);                             | 0.5              |
| Facility Type:                              | Two Lane Highway |
| Access Control:                             | None             |
| Functional Classification:                  | Local            |
| Terrain Type:                               | Rolling          |
| Lane Width:                                 | 10               |
| Paved Shoulder Width:                       | 0                |
| Roadway has Curb & Gutter?                  | No               |
| Volume (AADT):                              | 2273.34          |
| Capacity:                                   | 31145.53         |
| Volume/Capacity Ratio:                      | 0.07             |
| % Autos:                                    | 100%             |
| % Trucks:                                   | 0%               |
| Truck Volume:                               | 0                |
| Crash Density:                              | 0                |
| Crash Severity:                             | 0                |
| Critical Crash Rate:                        | 0                |
| Crash Frequency:                            | 0                |
| Severity Index:                             | 33.3             |
| County Tier Designation:                    | 3                |
| Non-Interstate STRAHNET Route?              | No               |
| Average Commuting Time:                     | 28               |
| Existing Median Type (for Cost Estimation): | Undivided        |
| Pavement Condition Rating:                  | 77               |
| Actual Congested Speed:                     | 0                |
| Travel Time Index:                          |                  |

**Project Benefits**

|  |                  |
|--|------------------|
| Project Cross-Section:                                 |                  |
| Speed Limit:   | 55               |
| Length (miles):  | 0.5              |
| Facility Type:   | Two Lane Highway |
| Access Control:  | None             |
| Functional Classification:                             | Local            |
| TerrainType:   | Rolling          |
| DOT Design Lane Width:                                 | 12               |
| DOT Design Paved Shoulder Width:                       | 0                |
| Travel Time Savings for 30 Years (Total):              | 0                |
| Travel Time Savings for 30 Years (Autos):              | 0                |
| Travel Time Savings for 30 Years (Trucks):             | 0                |
| Long-Term Employment:                                  |                  |
| % Change in Economy:                                   |                  |
| Provides Direct Connection to Transportation Terminal? | No               |
| Does project upgrade how the roadway functions?        | No               |
| In CTP or LRTP?  | No               |
| CTP/LRTP Name:   |                  |
| CTP/LRTP Completion Year:                              |                  |
| Submitted by:  | Rocky River RPO  |

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

**Project Ownership****Division**

| <b>Division</b>              | <b>Percent</b> | <b>Regional Impact</b> | <b>Division Needs</b> |
|------------------------------|----------------|------------------------|-----------------------|
| Division 10                  | 100%           | 0                      | 0                     |
|                              | 0%             | 0                      | 0                     |
|                              | 0%             | 0                      | 0                     |
| <b>TOTAL Division Points</b> |                | <b>0</b>               | <b>0</b>              |

**MPO/RPO**

| <b>MPO/RPO</b>              | <b>Percent</b> | <b>Regional Impact</b> | <b>Division Needs</b> |
|-----------------------------|----------------|------------------------|-----------------------|
| Rocky River RPO             | 100%           | 0                      | 0                     |
|                             | 0%             | 0                      | 0                     |
|                             | 0%             | 0                      | 0                     |
| <b>TOTAL MPO/RPO Points</b> |                | <b>0</b>               | <b>0</b>              |

**Project Cost and Source**

|                        |                  |                      |
|------------------------|------------------|----------------------|
| Construction Cost:     | \$188,000        | Cost Estimation Tool |
| Right-of-Way Cost:     | \$45,000         | Cost Estimation Tool |
| Utilities Cost:        | \$0              | Cost Estimation Tool |
| Total Project Cost:    | \$233,000        |                      |
| Other Funding:         | \$0              | None                 |
| <b>Cost to NCDOT :</b> | <b>\$233,000</b> |                      |