# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090343 **Mode:** Highway **Status:** Submitted

## SR-2188 (Charles Street)

**From/Cross Street:** SR 2181 (Sunset Drive)

**To:** SR 2100 (Franklin Street)

**Length:** 0.58

**Specific Improvement Type:** 1 - Widen Existing Roadway

**Project Category:** Division Needs

**TIP#:** U-2547

**Fully Funded in Draft STIP? No**

**Cost to NCDOT:** $6,915,000

**Description:**

SR 2181 (Sunset Drive) to SR 2100 (Franklin Street). Widen to Multi-Lanes.

**Division(s):** Division 10

**County(s):** UNION

**MPOS(s)/RPO(s):** Charlotte Regional Transportation Planning Organization

## Project Location

**Statewide Mobility Total Score: 0**

| Quanitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---|
| **Totals: Weight: 0% Weighted Score: 0** | N/A | N/A |

**Regional Impact Total Score: 0**

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

**Division Needs Total Score: 0**

| Quantitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---|---|
| [Travel Time] Benefit/Cost (20%)<br>Congestion (V/C) (20%)<br>Safety (10%)<br><br>**Totals: Weight: 50% Weighted Score: 13.34** | 1.07<br>15.75<br>99.82 | Percent: 25%<br>Points: | Percent: 25%<br>Points: |

# Project Data *

**Existing Conditions**

| | |
|---|---|
| Existing Cross-Section: | |
| Speed Limit: | 25 |
| Length (miles); | 0.58 |
| Facility Type: | Arterial |
| Access Control: | None |
| Functional Classification: | Major Collector |
| Terrain Type: | Rolling |
| Lane Width: | 10 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 3768.86 |
| Capacity: | 15882.23 |
| Volume/Capacity Ratio: | 0.24 |
| % Autos: | 100% |
| % Trucks: | 0% |
| Truck Volume: | 0 |
| Crash Density: | 99.83 |
| Crash Severity: | 99.83 |
| Critical Crash Rate: | 99.83 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 3 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 23 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 85 |
| Actual Congested Speed: | 6.5 |
| Travel Time Index: | 1.04 |

**Project Benefits**

| | |
|---|---|
| Project Cross-Section: | 4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks |
| Speed Limit: | 35 |
| Length (miles): | 0.58 |
| Facility Type: | Arterial |
| Access Control: | Partial |
| Functional Classification: | Major Collector |
| TerrainType: | Rolling |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 0 |
| Travel Time Savings for 30 Years (Total): | 336452.12 |
| Travel Time Savings for 30 Years (Autos): | 336452.12 |
| 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: | Division 10 |

***** 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**

| Division | Percent | Regional Impact | Division Needs |
|---|---|---|---|
| Division 10 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| **TOTAL Division Points** | | **0** | **0** |

**MPO/RPO**

| MPO/RPO | Percent | Regional Impact | Division Needs |
|---|---|---|---|
| Charlotte Regional Transportation Planning Organization | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| **TOTAL MPO/RPO Points** | | **0** | **0** |

## Project Cost and Source

| | | |
|---|---|---|
| Construction Cost: | $3,845,000 | TIP Unit |
| Right-of-Way Cost: | $2,454,000 | TIP Unit |
| Utilities Cost: | $616,000 | TIP Unit |
| Total Project Cost: | $6,915,000 | |
| Other Funding: | $0 | None |
| **Cost to NCDOT :** | **$6,915,000** | |