APPENDIX

H

AREA A – NORTH/SOUTH STREETS
EXISTING LIGHT LEVELS VERSUS
PROPOSED CRITERIA
9th St NE - Average Illuminance from Existing Lighting

9th St NE
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Minor Arterial Pedestrian
Activity: High, Medium, Low

Note:
1. Where no bar is shown, average value of 0.00 fc was recorded.
**9th St NE - Horizontal Uniformity from Existing Lighting**

<table>
<thead>
<tr>
<th>Location</th>
<th>Uniformity (Average/Minimum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E High St. - E Jefferson St.</td>
<td>0.00/2.00</td>
</tr>
<tr>
<td>E Jefferson St. - E Market St.</td>
<td>4.00</td>
</tr>
<tr>
<td>E Market St. - Water St.</td>
<td>6.00</td>
</tr>
<tr>
<td>Water St. - Graves St.</td>
<td>4.00/2.00</td>
</tr>
<tr>
<td>Beginning of S/W - Graves St.</td>
<td>2.00</td>
</tr>
<tr>
<td>Graves St. - Levy Ave</td>
<td>6.00/2.00</td>
</tr>
</tbody>
</table>

**Criteria (Not to Exceed)**

- Sidewalk Width: 6ft
- Adjacent Land Use: Residential
- Functional Classification: Minor Arterial
- Pedestrian Activity: High, Medium, Low

**Note:**
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
9th St NE - Northbound Min. Vertical Illuminance from Existing Lighting

Criteria

9th St NE
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Minor Arterial
Pedestrian Activity: High, Medium, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
9th St NE - Southbound Min. Vertical Illuminance from Existing Lighting

9th St NE
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Minor Arterial
Pedestrian Activity: High, Medium, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
8th St NE - Average Illuminance from Existing Lighting

8th St NE - Horizontal Uniformity from Existing Lighting

8th St NE
Sidewalk Width: 5ft
Adjacent Land Use: Commercial
Functional Classification: Local
Pedestrian Activity: Medium

Note:
1. Where no bar is shown, average value of 0.00 fc was recorded.
2. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
8th St NE - Northbound Min. Vertical Illuminance from Existing Lighting

8th St NE - Southbound Min. Vertical Illuminance from Existing Lighting

8th St NE
Sidewalk Width: 5ft
Adjacent Land Use: Commercial
Functional Classification: Local
Pedestrian Activity: Medium

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
7th St NE - Average Illuminance from Existing Lighting

7th St NE - Horizontal Uniformity from Existing Lighting

7th St NE
Sidewalk Width: 5ft
Adjacent Land Use: Resedential, Commercial
Functional Classification: Major Collector
Pedestrian Activity: High, Medium

Note:
1. Where no bar is shown, average value of 0.00 fc was recorded.
2. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
7th St NE - Northbound Min. Vertical Illuminance from Existing Lighting

7th St NE - Southbound Min. Vertical Illuminance from Existing Lighting

7th St NE
Sidewalk Width: 5ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Major Collector
Pedestrian Activity: High, Medium

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
6th St NE/SE - Average Illuminance from Existing Lighting

6th St NE/SE
Sidewalk Width: 6ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Local
Pedestrian Activity: High, Low

Foot-Candles (fc)
**6th St NE/SE - Horizontal Uniformity from Existing Lighting**

- **Criteria (Not to Exceed)**
  - 6th St NE/SE
  - Sidewalk Width: 6ft
  - Adjacent Land Use: Residential, Commercial
  - Functional Classification: Local
  - Pedestrian Activity: High, Low

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**Graph Details**
- **X-axis**: Streets
- **Y-axis**: Uniformity (Average/Minimum)
- **Legend**:
  - East side of S/W
  - West Side of S/W
6th St NE/SE - Northbound Min. Vertical Illuminance from Existing Lighting

6th St NE/SE
Sidewalk Width: 6ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Local
Pedestrian Activity: High, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
6th St NE/SE - Southbound Min. Vertical Illuminance from Existing Lighting

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
5th St NE - Average Illuminance from Existing Lighting

5th St NE - Horizontal Uniformity from Existing Lighting

5th St NE
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: High
5th St NE - Northbound Min. Vertical Illuminance from Existing Lighting

5th St NE - Southbound Min. Vertical Illuminance from Existing Lighting

5th St NE
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: High

East side of S/W
West Side of S/W
4th St NE/SE - Average Illuminance from Existing Lighting

**4th St NE/SE**
- Sidewalk Width: 6ft
- Adjacent Land Use: Residential
- Functional Classification: Local
- Pedestrian Activity: High, Medium, Low

**Graph Details**
- Foot-Candles (fc)
- Criteria
- East side of S/W
- West Side of S/W
Note:
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
Foot-Candles (fc)

4th St NE/SE - Northbound Min. Vertical Illuminance from Existing Lighting

- Sidewalk Width: 6ft
- Adjacent Land Use: Residential
- Functional Classification: Local
- Pedestrian Activity: High, Medium, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
**4th St NE/SE - Southbound Min. Vertical Illuminance from Existing Lighting**

- **Sidewalk Width:** 6ft
- **Adjacent Land Use:** Residential
- **Functional Classification:** Local
- **Pedestrian Activity:** High, Medium, Low

**Note:**
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
3rd St NE/SE - Average Illuminance from Existing Lighting

Criteria

3rd St NE/SE

Sidewalk Width: 6ft
Adjacent Land Use: Commercial
Functional Classification: Local
Pedestrian Activity: High, Medium
3rd St NE/SE - Horizontal Uniformity from Existing Lighting

<table>
<thead>
<tr>
<th>Location</th>
<th>Uniformity (Average/Minimum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E High St - E Jefferson St</td>
<td></td>
</tr>
<tr>
<td>E High St - E Jefferson St</td>
<td></td>
</tr>
<tr>
<td>E Jefferson St - E Market St</td>
<td></td>
</tr>
<tr>
<td>E Jefferson St - E Market St</td>
<td></td>
</tr>
<tr>
<td>E Market St - E Main St</td>
<td></td>
</tr>
<tr>
<td>E Main St - E Water St</td>
<td></td>
</tr>
<tr>
<td>E Main St - E Water St</td>
<td></td>
</tr>
</tbody>
</table>

**Criteria (Not to Exceed)**
- sidewalk width: 6ft
- adjacent land use: commercial
- functional classification: local
- pedestrian activity: high, medium

Note:
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
3rd St NE/SE - 3rd St NE/SE Southbound Min. Vertical Illuminance from Existing Lighting

- **Criteria**
  - Sidewalk Width: 6ft
  - Adjacent Land Use: Commercial
  - Functional Classification: Local
  - Pedestrian Activity: High, Medium

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.

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**Foot-Candles (fc)**
3rd St NE/SE - Southbound Min. Vertical Illuminance from Existing Lighting

Criteria
3rd St NE
Sidewalk Width: 6ft
Adjacent Land Use: Commercial
Functional Classification: Local
Pedestrian Activity: High, Medium

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
2nd St NE/SE - Average Illuminance from Existing Lighting

2nd St NE/SE
Sidewalk Width: 5ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Major Collector, Local
Pedestrian Activity: High, Medium, Low
2nd St NE/SE - Horizontal Uniformity from Existing Lighting

**Note:**
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
2nd St NE/SE - Northbound Min. Vertical Illuminance from Existing Lighting

- **Foot-Candles (fc)**

### Criteria
- **2nd St NE/SE**
  - Sidewalk Width: 5ft
  - Adjacent Land Use: Residential, Commercial
  - Functional Classification: Major Collector, Local
  - Pedestrian Activity: High, Medium, Low

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### Graph Details
- **East side of S/W**
- **West Side of S/W**

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2nd St NE/SE - Southbound Min. Vertical Illuminance from Existing Lighting

Criteria

2nd St NE/SE
Sidewalk Width: 5ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Major Collector, Local
Pedestrian Activity: High, Medium, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
2nd St NW/SW - Average Illuminance from Existing Lighting

Sidewalk Width: 6ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Local
Pedestrian Activity: High, Medium
2nd St NW/SW - Horizontal Uniformity from Existing Lighting

Criteria (Not to Exceed)

2nd St NW/SW

Sidewalk Width: 6ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Local
Pedestrian Activity: High, Medium

Note:
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
2nd St NW/SW - Northbound Min. Vertical Illuminance from Existing Lighting

Criteria

2nd St NW/SW
Sidewalk Width: 6ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Local
Pedestrian Activity: High, Medium

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
2nd St NW/SW - Southbound Min. Vertical Illuminance from Existing Lighting

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Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
1st St N/S - Average Illuminance from Existing Lighting

1st St N/S
- Sidewalk Width: 6ft
- Adjacent Land Use: Residential, Commercial
- Functional Classification: Local
- Pedestrian Activity: High, Medium, Low

- Criteria

Foot-Candles (fc)
1st St N/S - Horizontal Uniformity from Existing Lighting

**Criteria (Not to Exceed)**
- **1st St N/S**
  - Sidewalk Width: 6ft
  - Adjacent Land Use: Residential, Commercial
  - Functional Classification: Local
  - Pedestrian Activity: High, Medium, Low

<table>
<thead>
<tr>
<th>Location</th>
<th>Uniformity (Average/Minimum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E High St - E Jefferson St</td>
<td>8.00/6.00</td>
</tr>
<tr>
<td>W High St - W Jefferson St</td>
<td>8.00/6.00</td>
</tr>
<tr>
<td>E Jefferson St - E Market St</td>
<td>8.00/6.00</td>
</tr>
<tr>
<td>W Jefferson St - W Market St</td>
<td>8.00/6.00</td>
</tr>
<tr>
<td>E Market St - W Main St</td>
<td>10.00/8.00</td>
</tr>
<tr>
<td>W Market St - W Main St</td>
<td>10.00/8.00</td>
</tr>
<tr>
<td>E Water St - E South St</td>
<td>4.00/2.00</td>
</tr>
<tr>
<td>W Water St - W South St</td>
<td>4.00/2.00</td>
</tr>
<tr>
<td>E South St - Garrett St</td>
<td>2.00/1.00</td>
</tr>
<tr>
<td>W South St - Garrett St</td>
<td>2.00/1.00</td>
</tr>
</tbody>
</table>

**Legend:**
- Light blue: East side of S/W
- Orange: West Side of S/W
1st St N/S - Northbound Min. Vertical Illuminance from Existing Lighting

Foot-Candles (fc)

1st St N/S
Sidewalk Width: 6ft
Adjacent Land Use: Residential, Commercial
Functional Classification: Local
Pedestrian Activity: High, Medium, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
1st St N/S - Southbound Min. Vertical Illuminance from Existing Lighting

**Criteria**
- 1st St N/S
- Sidewalk Width: 6ft
- Adjacent Land Use: Residential, Commercial
- Functional Classification: Local
- Pedestrian Activity: High, Medium, Low

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
### Park St - Average Illuminance from Existing Lighting

- **Foot-Candles (fc)**
- **Criteria**

<table>
<thead>
<tr>
<th>E High St - E Jefferson St</th>
<th>E High St - E Jefferson St</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Park St - Horizontal Uniformity from Existing Lighting

- **Uniformity (Average/Minimum)**
- **Criteria (Not to Exceed)**

<table>
<thead>
<tr>
<th>E High St - E Jefferson St</th>
<th>E High St - E Jefferson St</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Park St**

- Sidewalk Width: 6ft
- Adjacent Land Use: Commercial
- Functional Classification: Local
- Pedestrian Activity: Medium
Park St - Northbound Min. Vertical Illuminance from Existing Lighting

Park St - Southbound Min. Vertical Illuminance from Existing Lighting

**Park St**
- Sidewalk Width: 6ft
- Adjacent Land Use: Commercial
- Functional Classification: Local
- Pedestrian Activity: Medium
Avon St - Average Illuminance from Existing Lighting

Avon St
Sidewalk Width: 5ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: Low

Foot-Candles (fc)

Garrett St - Hilton St
Garrett St - Hilton St
Garrett St - South St
Garrett St - Belmont Ave
Belmont Ave - Monticello Ave
Belmont Ave - Monticello Ave

Criteria

East side of S/W
West Side of S/W
Avon St - Horizontal Uniformity from Existing Lighting

Criteria (Not to Exceed)

Avon St
Sidewalk Width: 5ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: Low
Avon St - Northbound Min. Vertical Illuminance from Existing Lighting

Avon St
Sidewalk Width: 5ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: Low

Foot-Candles (fc)

Criteria

Garrett St - Hilton St
Hilton St - Belmont Ave
Belmont Ave - Monticello Ave

East side of S/W
West Side of S/W
Avon St - Southbound Min. Vertical Illuminance from Existing Lighting

- **Avon St**
  - Sidewalk Width: 5ft
  - Adjacent Land Use: Residential
  - Functional Classification: Local
  - Pedestrian Activity: Low

- **Foot-Candles (fc):**
  - East side of S/W
  - West Side of S/W

- **Criteria:**
  - H40 of 46
Monticello Ave - Garrett St Monticello Ave - Garrett St Monticello Ave - Garrett St

Foot-Candles (fc)

Monticello Ave - Garrett St Monticello Ave - Garrett St

Gleason St
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: Low

Gleason St - Average Illuminance from Existing Lighting

Criteria

Gleason St - Horizontal Uniformity from Existing Lighting

Criteria (Not to Exceed)
Gleason St - Northbound Min. Vertical Illuminance from Existing Lighting

Gleason St - Southbound Min. Vertical Illuminance from Existing Lighting

**Gleason St**
Sidewalk Width: 6ft
Adjacent Land Use: Residential
Functional Classification: Local
Pedestrian Activity: Low
Note:
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
**US 250/Ridge-McIntire Rd - Northbound Min. Vertical Illuminance from Existing Lighting**

- **Preston Ave - Driveway**
- **Preston Ave - Driveway**
- **Driveway - Main St**
- **Driveway - Main St**

**US 250/Ridge-McIntire Rd - Southbound Min. Vertical Illuminance from Existing Lighting**

- **Preston Ave - Driveway**
- **Preston Ave - Driveway**
- **Driveway - Main St**
- **Driveway - Main St**

**US 250/Ridge-McIntire Rd**
- Sidewalk Width: 6ft
- Adjacent Land Use: Commercial
- Functional Classification: Other Principal Arterial
- Pedestrian Activity: High

Note:
1. Where no bar is shown, minimum vertical value of 0.00 fc was recorded.
Ridge St - Average Illuminance from Existing Lighting

![Average Illuminance Graph]

Ridge St - Horizontal Uniformity from Existing Lighting

![Horizontal Uniformity Graph]

**Ridge St**
- Sidewalk Width: 6ft
- Adjacent Land Use: Commercial
- Functional Classification: Other Principal Arterial
- Pedestrian Activity: Medium

**Note:**
1. Where no bar is shown, uniformity (average/minimum) is not within proposed criteria and cannot be calculated due to 0.00 fc minimum.
Ridge St - Northbound Min. Vertical Illuminance from Existing Lighting

Ridge St - Southbound Min. Vertical Illuminance from Existing Lighting

**Ridge St**
- Sidewalk Width: 6ft
- Adjacent Land Use: Commercial
- Functional Classification: Other Principal Arterial
- Pedestrian Activity: Medium