

WYOMING DEPARTMENT OF TRANSPORTATION RURAL INTERSECTION LIGHTING CRITERIA

Major Roadway: _____

Minor Roadway: _____

CRITERIA 1 - ROADWAY SYSTEM DESIGNATION

POINTS

Primary: 10 points
 Secondary: 5 points
 County: 2 points
 Local or driveway: 0 points

Major: _____
 Minor: _____

CRITERIA 2 - GEOMETRIC CONDITIONS

Intersection Type
 Four-leg: 5 points
 Three-leg: 2 points

Type: _____

Roadside Development
 Two or more quadrants: 5 points
 One quadrant: 2 points
 No development: 0 points

Quadrants: _____

Major Roadway Turn Lanes
 No: 5 points
 Yes: 0 points

Turn Lanes: _____

Major Roadway Posted Speed
 Over 45 mph: 5 points
 45 mph or less: 0 points

Speed: _____

Major Roadway Stopping Sight Distance
 Inadequate for operating speed: 5 points
 Adequate for operating speed: 0 points

Adequate: _____

CRITERIA 3 - TRAFFIC VOLUME

Major Road Daily Volume (Highest two-way volume)
 5,000 vpd or more: 10 points
 1,000 vpd or more: 5 points
 Less than 1,000 vpd: 0 points

Major: _____

Minor Road Daily Volume (Highest two-way volume)
 1,000 vpd or more: 10 points
 500 vpd or more: 5 points
 Less than 500 vpd: 0 points

Minor: _____

Night Minor Road Hourly Volume (5:00 pm to 6:00 am)
 250 vph or more: 10 points
 Less than 250 vph: 0 points

Minor: _____

CRITERIA 4 - CRASH EXPERIENCE

Number of night crashes in past five years.
 Ratio of night to day crashes.
 2.0 or more: 10 points
 1.0 or more: 5 points
 Less than 1.0: 0 points

Number: _____ X 5 _____

Ratio: _____

TOTAL POINTS

Minimum of 50 points required for consideration of intersection lighting.
