

**GUIDELINES FOR DETERMINING THE OPERATIONAL STATUS
OF EXISTING LIGHTING FACILITIES ON FREEWAY FACILITIES**

DATA COLLECTION - MAINLINE SECTIONS

GENERAL SITE INFORMATION

DATE:	ROADWAY:
COUNTY:	STUDY SITE LENGTH (miles):
DISTRICT:	
DATA COLLECTION PERSONNEL:	

MAINLINE SECTION - SPECIFIC INFORMATION

MAINLINE LOCATION:			
LIGHTING TYPE:	<input type="radio"/> MERCURY	<input type="radio"/> SODIUM	<input type="radio"/> OTHER
POLE CONFIGURATION:			
POLE SPACING (ft):			
WATTAGE:			
SECTION LENGTH (miles):			
DIRECTION OF TRAVEL:			

MAINLINE LIGHTING ANALYSIS

OPERATIONAL LEVEL CALCULATIONS:

COLUMN 1	COLUMN 2	COLUMN 3
TOTAL LUMINARY INSTALLATIONS ONE-WAY	NUMBER OF INOPERATIVE LUMINARIES IN GROUPS OF 3 OR MORE ONE DIRECTION	REMAINING INOPERATIVE LUMINARIES ONE DIRECTION
	X 2 =	

ACTUAL LIGHTING OPERATIONAL LEVEL = COLUMN 1 - (COLUMN 2 + COLUMN 3)

BASE LIGHTING OPERATIONAL LEVEL = COLUMN 1

OPERATIONAL RATIO CALCULATIONS:

$$\text{O.R.} = \frac{\text{A.L.O.L.}}{\text{B.L.O.L.}} \quad \text{_____} =$$

< 75% THEREFORE

NOTE: If the calculated percentage is greater than or equal to 75 percent, the lighting for the section is considered to be operating at an acceptable level. If acceptable, the section is assigned 10 points for use in either Form 750-020-16 or Form 750-020-17.

