

BREAKAWAY COUPLINGS REPLACEMENT SCHEDULE

POLE	STA.	FOUND. TY.	BREAKAWAY BOLT (ACTION TO BE TAKEN)
1	292+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
2	295+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
3	298+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
4	301+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
5	30+05	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
6	27+05	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
7	24+05	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
8	21+15	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
9	18+75	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
10	15+75	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
11	12+75	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
12	9+75	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
13	6+75	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
14	4+00	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
15	1+00	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
16	318+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
17	304+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
18	308+00	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
19	2+50	CONCRETE	NO ACTION TO BE TAKEN
20	5+35	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
21	8+50	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
22	11+35	CONCRETE	NO ACTION TO BE TAKEN
23	14+10	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
24	17+10	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
25	317+00	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
26	314+00	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN
27	311+00	CONCRETE	NO ATCTION TO BE TAKEN
28	320+00	CONCRETE	REMOVE AND REINSTALL LIGHT POLE, COUPLINGS AND STAINLESS STEEL SCREEN

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE
I-55 Carlinville Exit

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24 FT
	Number Of Lanes	2
	Median Width	94 FT
	IES Surface Classification	R3
	Q-Zero Value	.07
TOWER DATA:	Mounting Height	100 FT
	Luminaires on Ring	6 FT
	Tower Set-Back From Edge Of Pavmnt	See plansFT
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	50000
	IES Vertical Distribution	M
	IES Control Of Distribution	NC
	IES Lateral Distribution	3
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	N/A FT
	Configuration	See plans
	Luminaire Overhang Over Edge Of Pavement Lane	N/A FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, (E _{Ave})	0.9 Lux
	Uniformity Ratio, (E _{Ave} /E _{Min})	3.0
LUMINANCE:	Average Luminance: (L _{Ave})	0.6 Cd/m ²
	Uniformity Ratios: (L _{Ave} /L _{Min})	3.5
	(L _{Max} /L _{Min})	6.0
	Maximum Veiling Luminance Ratio: (L _v /L _{Ave})	0.3

NOTES:

1. STATIONS ARE APPROXIMATE.

SCHEDULES
FAI 55 (I-55)
SECTION D6 LIGHTING 2009
SANGAMON/MONTGOMERY COUNTY