**Typical Bracket Arm Lengths**

**Typical Bracket Arm Lengths (HPS)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Guardrail Offset**  **Feet** | **Pole Offset**  **Feet** | **Bracket Arm Length**  **Feet** |
| **Mainline** | 10 | 16.5 | 18 |
| 12 | 18.5 | 20 |
| **Ramps** | 4 | 10.5 | 12\* |
| 6 | 12.5 | 15\* |
| 8 | 14.5 | 15\* |

\*Shorter lengths should be considered on the inside of sharp curves, as discussed above.

**Typical Bracket Arm Lengths (LED at 40-ft. Mounting Height)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Guardrail Offset**  **Feet** | **Pole Offset**  **Feet (Note 1)** | **Bracket Arm Length Feet** |
| **Mainline** | 10 | 31 | 22 |
| 12 | 31 | 22 |
| **Ramps** | 4 | 10.5 | 8-12 |
| 6 | 12.5 | 8-15 |
| 8 | 14.5 | 8-15 |

**Note 1:** To promote safety by reducing the likelihood of vehicle strikes, designers shall place all light poles outside the Clear Zone if possible.