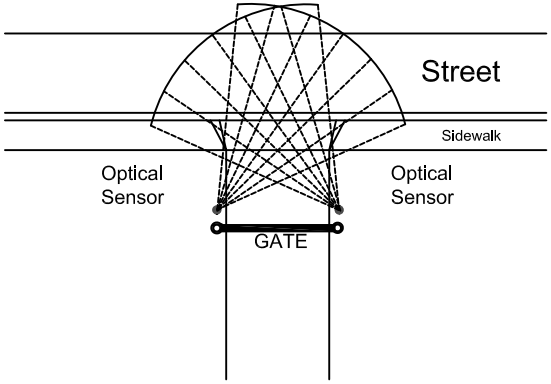
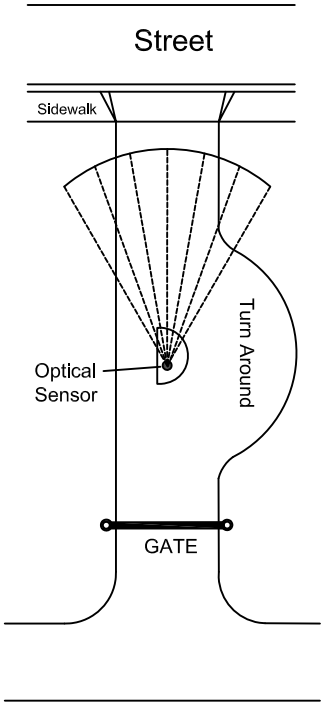
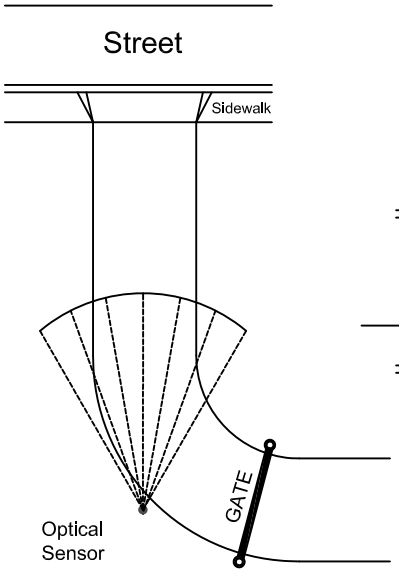
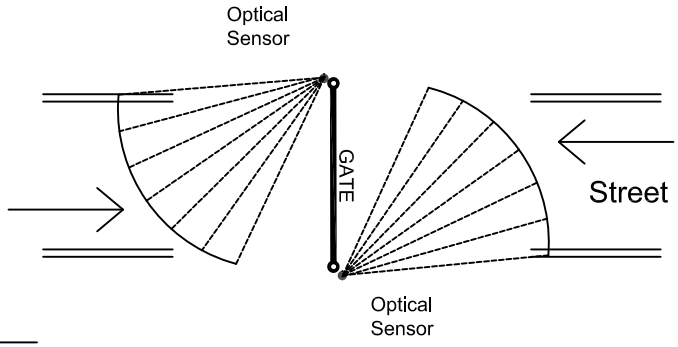
NOTES

- An approved optical sensor(s) shall be installed to initiate the opening of electric gates for the Mesa Fire & Medical Department optic emitters.
- Optical sensor(s) shall meet the requirements of the city of Mesa and shall be installed and maintained per the manufacturer and the city of Mesa fire code.
- Designed to operate on an industry standard high priority traffic preemption signal at 14 Hz
- Units shall have their frequency controlled by crystal controlled oscillator circuitry.
- There is no need for vehicle classification and identification overlay signal code capabilities.
- Other mounting criteria may be employed provided you can demonstrate the unit will function properly and when approved by the Fire Marshal.
- Optical sensor(s) are to be installed at a height of 6' to 8' above grade.
- No vegetation shall be plantd whose growth will obstruct the sensor devices.
- Optical sensor(s) shall be mounted so they will not detect other optical systems on public streets.
- Once a gate is activated by an optical sensor, it shall remain open for a time span of 15 minutes.
- When two gates are present, both must open upon receipt of a single signal.
- Vertical riser that holds opticom receiver must be made of metal or similar material. PVC pipe or other plastics are not allowed.









mesa·az	MESA FIRE AND MEDICAL DEPARTMENT DETAIL	OPTICAL SENSOR LOCATIONS FOR ELECTRIC GATES	Revised: 01/08/2026	**FPD 503.6** **PAGE 1 OF 1**