



Style
F164

Engineer: Huseman & Associates

Bridge Roadway Approach

Plan: 4 lanes with center median, approx. 24' wide travel zone each side

Mounting: 4' above grade, supported above median on rigid conduit, by others

Lighting: F164-T255-H-07-2-VX-0 (8'), F164-T155 (4') and F164-T139 (3') units, modified with internal cross-baffles, mounted in continuous runs using through wired HOC07000 mounting hubs

Estimated illuminance on pavement: 22 fc/ai (66 fc initial max.; 1.7 fc initial min.)

Estimated power density: 15.5 W/lineal foot of median (each side)

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Located at the northern end of the Industrial Canal, the Seabrook Bridge is one of eight linking New Orleans East to the heart of the city. This four lane roadway bridge is sited adjacent to Lakefront Airport, which serves the general aviation needs of the city.

The bridge is illuminated using low level roadway lighting solutions that do not interfere with or create confusion for planes using the nearby airport. The approaches to the bridge are illuminated by **Style F164** T5HO luminaires mounted end-to-end on each side of the concrete barriers separating the opposing lanes of traffic. Mounted 4 ft. above the roadway, the **Style F164s** are equipped with shielding visors and internal cross-baffles to direct the light onto the travel lanes without casting spill light into the night sky. The result is a glare free solution for directing movement from the approaches onto the bridge. This lighting solution also enhances the safety of those traveling at night during the storms and heavy downpours common to the semi tropical New Orleans area.



The **Style F164** reflector and visor are made of extruded aluminum. All other components are non-corrosive stainless steel or aluminum. The polyester powder coat finish exceeds ASTM's B117-90 1000 hour salt spray test. The snap-on, UV stabilized acrylic lens is impact resistant. The fixtures are sealed with silicone gasketing. Aluminum mounting hubs were supplied by The Lighting Quotient; rigid conduit support bases were provided by others.



Use of an internal cross-baffle (visible in left-hand fixture, prior to final aiming) enhances lateral shielding.



Use of shared HOC mounting hubs at most conduit supports allows continuous runs to be through wired.