

Light Structure System Turnkey Installation

Scope of Work

Copper Sky Ampitheater and Pool

Maricopa, AZ

City of Maricopa Responsibilities:

1. Total access to the site and pole locations for construction. Must be able to move from location to location on standard rubber tires.
2. Survey in or mark pole locations and aiming points for sighting in lighting cross-arms. Final grade elevations will also need marked if necessary.
3. Locate and mark existing irrigation systems prior to excavation as necessary.
4. Total cost of any required permits.
5. Extra costs associated with foundation excavation and construction in non-standard soils (rock, high water table, collapsing holes, alluvial soils, etc.). Standard soils are defined as Class 5 soils and can be excavated using standard earth auguring equipment and methods.
6. Costs for special inspections as required as well as soils or concrete testing as necessary.
7. Power company fees or charges.
8. Provide on site location for augured drilling spoils.
9. Provide dumpster for cardboard waste and packing materials.

Musco Responsibilities:

1. Provide required poles, fixtures, foundations, and associated designs.
2. Provide structural design for poles and foundations, certified by a professional engineer licensed in the State as required.
3. Provide layout of pole locations and aiming diagram.
4. Provide light test upon owner supplied electrical system.
5. Provide Project Management assistance as needed.
6. Provide sealed electrical designs as provided by Electrical Engineer.

Musco Subcontractor Responsibilities:

1. Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
2. Provide storage containers for material as necessary.
3. Provide materials and equipment to install all underground aluminum wiring, lockable pull boxes, (1) new 200 amp 277/480 volt, 3 phase distribution panel, (1) step down transformer as necessary, and terminate wiring as required per electrical design. New panel and transformer to be NEMA 3R rated.
4. Make appropriate contact to ensure utility locates have been done prior to excavation and trenching. Repair any such damage to existing utilities during construction.

5. Provide materials and equipment to install (6) Light Structure System foundations as specified on Layout. Musco supplied pre cast foundations to include integrated grounding system for lightning and surge protection.
6. Remove augured spoils to owner-designated location at jobsite.
7. Provide materials and equipment to install all necessary underground conduit and aluminum wiring to each pole location.
8. Install GFCI outlets and/or 50 amp receptacles per Owner's request at pole location(s).
9. Provide materials and equipment to assemble and install Light Structure Green™ LED type fixtures and terminate all necessary wiring.
10. Provide equipment and materials to assemble and erect (6) Light Structure System Poles.
11. Verify aiming points have been located and are correct before sighting in lighting cross-arms.
12. Provide equipment and materials to install the new Controls and Monitoring Cabinet and terminate all necessary wiring. Subcontractor to commission Control Link once system is energized.
13. Provide step down transformer for 120v control circuit if not available.
14. Removal, replacement, and repair of all fencing necessary for construction.
15. Saw cutting, removal of material and patching of concrete or asphalt, if needed.
16. Repairs to existing landscaping. Potential damages to be discussed prior to work commencing on site.
17. Provide as built drawings on completion of installation.
18. Provide payment of prevailing wages and certified payroll as required.