

ROAD COMMISSION FOR OAKLAND COUNTY

SPECIAL PROVISION  
FOR  
**RECONSTRUCTING SPRINKLER SYSTEMS**

RCOC/DESIGN:AP/JO

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RCOC20SP850A  
ORG:04-05-21

**a. Description**

To repair existing lawn irrigation systems in conflict with proposed construction. This work shall be done in accordance with the *Michigan Department of Transportation 2020 Standard Specifications for Construction*, except as herein provided.

**b. Materials**

The materials used to reconstruct the sprinkler system(s) shall be of equal or greater quality as originally installed.

**c. Construction**

Existing lawn sprinklers shall be relocated to accommodate the proposed construction. Additional sprinklers not shown on the plans may be encountered in the line of the work.

The Contractor shall exercise care in preserving and protecting existing lawn irrigation systems.

All necessary work associated with the relocation, replacement and reconnection of sprinkler systems shall be as directed by the Engineer.

Where replacement of portions of existing systems is necessary, the various components used for replacement shall match and duplicate the existing materials as closely as practicable. If the existing type of sprinkler head is no longer suitable for the proposed location and its surroundings, the appropriate type shall be used.

Sprinkler heads and underground piping shall be relocated, restored and reconnected immediately following disruption by construction and grading operations.

Any and all sprinkler systems within the project limits, or impacted by the work of this contract, shall be repaired with at least equal quality materials and workmanship, to a functioning condition at least as good as existed prior to work beginning. For the contractor to be reimbursed for such repairs, before any contract work begins, contractor shall arrange a walk-through with the property owner or designated representative, accompanied by the project engineer or inspector, of each and every adjacent property, for the purpose of determining and evaluating the existing sprinkler system design (location and types of lines, heads, valves, controllers) and its functionality and integrity. This information will be documented with sketches, drawings, and narrative, by the contractor, to be submitted to and used by the project engineer to verify need and approve any payment for repairs to the system. No payment shall be made for repairs not deemed necessary and approved by the project engineer as a result of this walk-through and evaluation process. Failure of the contractor to fulfill these requirements shall cause the

project engineer to make the repairs and charge the full cost to the contractor as a contract adjustment

**d. Measurement and Payment.**

<b>Pay Item</b>	<b>Pay Unit</b>
Sprinkler Head, Relocate .....	Each
Sprinkler Head, Replace .....	Each
Sprinkler Line .....	Foot
Irrigation Control Box, Relocate .....	Each
Irrigation Control Box, Replace .....	Each

Payment for Sprinkler items includes equipment, labor and materials to complete this item as specified above. Relocating and replacing sprinkler heads will be measured as units, regardless of type (mist, rotary, impact, etc.). Sprinkler line, regardless of size, will be measured in linear feet.

Payment for Irrigation Control Box items includes equipment, labor, wiring and materials to complete this item as specified above.

Costs for connecting, testing and adjusting the completed work will be included in the Contract unit prices for the above items. Contract unit prices for the above sprinkler items shall also include cost of furnishing all necessary materials, and fittings, and for all necessary excavation, backfilling and disposal of surplus material. All necessary components shall be provided by the Contractor, but those not a designated contract pay item will not be paid for separately.

If Contractor chooses to install conduit under sidewalks, driveways, etc. to facilitate project related sprinkler installation in the future, the conduit will not be paid for separately.