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	RFB NUMBER: D7-11-033 LAWRENCE COUNTY, MO DATE PREPARED: 02-14-11
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Only the following items of the Special Provisions are authenticated by this seal: All Contents.	

ATTACHMENT A
SPECIAL PROVISIONS

A. REMOVAL DETAILS

1.0 Description. Removal of sidewalk and curb ramps shall be in accordance with applicable portions of Division 200 of the Standard Specifications, and specifically as follows.

2.0 Saw Cuts and Joints. Removal of sidewalk and curb ramp areas shall leave a straight vertical cut to the full depth of the concrete. An approved saw, such as a diamond saw, shall be used to make the perimeter cut. The full depth of the concrete shall be removed without disturbing adjacent pavement, sidewalk, curb, or ramp concrete or the subgrade adjacent to the removal. Disturbance of adjacent subgrade and concrete shall be repaired at the expense of the contractor to the satisfaction of the engineer. Removals shown on the plans adjacent to existing joints shall be extended to the existing joint.

3.0 Basis of Payment. No direct payment shall be made for removals. Payment for labor and materials to comply with the details of the specification shall be included in the lump sum, firm, fixed price as stated in the Request for Bid: D7-11-033.

B. SIDEWALK AND CURB RAMP DETAILS

1.0 Description. Sidewalk and curb ramp replacement shall be in accordance with applicable portions of Section 608 of the Standard Specifications, and specifically as follows.

2.0. Construction Requirements.

2.1 Tinted concrete shall not be used for full ramp concrete replacement. The final concrete coloration shall not have color from either tinting within the concrete or surface applied. Curing membranes shall be clear or transparent.

2.2 Truncated dome ADA tile coloring for curb ramps with new concrete shall be Brick Red or similar medium to dark red coloring. Truncated dome ADA tiles coloring for curb ramps with existing red tinted concrete shall Federal Yellow. Sample tile color shall be approved by the engineer, prior to installation.

2.3 Truncated dome ADA tiles placement on existing concrete may use a surface mount system. Changes in elevation caused by the surface mount system shall not exceed ¼ inch vertical or ½ inch total consisting of ¼ inch vertical plus ¼ inch sloped not steeper than 1:2. Placement of truncated dome ADA tiles in existing concrete meeting the requirements of Sec 608 and 1067 may use systems cast in place or fastened to milled concrete area upon approval of the system by the engineer. Concrete removal and replacement must be performed to neat lines and any replacement of concrete must match adjacent concrete.

2.4 Painted curbs replaced with the project shall be repainted with a blue color closely matching the existing as approved by the engineer. The existing paint is Sherwin-Williams Royal/Handicap Blue.

3.0 Basis of Payment. No direct payment shall be made for sidewalk and curb ramp construction. Payment for labor and materials to comply with the details of the specification shall be included in the lump sum, firm, fixed price as stated in the Request for Bid: D7-11-033.

C. SUBGRADE PREPARATION AND COMPACTION

1.0 Description. This work shall consist of compacting the earth subgrade below the sidewalk or curb ramp. The contractor shall perform this work on the subgrade at all locations where sidewalk is placed.

2.0 Construction Requirements.

2.1 The subgrade for the full width of the sidewalk shall be scarified to a depth of at least 6 inches (150 mm), and the scarified material shall be brought to a uniform moisture content either by drying or by adding water and manipulating. At the contractor's option, the upper 6 inches (150 mm) of soil may be removed and replaced with satisfactory material, or removed and manipulated before replacing. All rocks greater than 2 inches in any dimension shall be removed and replaced with suitable materials. The material shall be compacted with a ramming type tamper or pad foot roller of a minimum 3000 lbs force until further consolidation of the material is not evident. Suitable material may include type 1 aggregate base as per Sec 1007. Consolidation of aggregate material may be performed by a vibratory plate compactor until further consolidation of the material is not evident.

2.2 If it is determined that the material cannot be consolidated to a stable level of compaction of the upper 6 inches (150 mm), the unsuitable material shall be excavated to a maximum depth of 18 inches (450 mm), and replaced with satisfactory material compacted in layers not to exceed 6 inches (150 mm), except as otherwise permitted by the engineer. Each 6-inch (150 mm) layer shall be processed, wetted or dried as necessary, and compacted until no further consolidation is evident.

2.3 If the contractor's operations cause an unsatisfactory subgrade, the contractor shall restore the subgrade to a satisfactory condition at the contractor's expense.

3.0 Basis of Payment. No direct payment shall be made for subgrade preparation and compaction. Payment for labor and materials to comply with the details of the specification shall be included in the lump sum, firm, fixed price as stated in the Request for Bid: D7-11-033.

D. SEED AND MULCH

1.0 Description. All disturbed erodible surfaces shall be seeded and mulched in accordance with Sec 806.50 of the Missouri Standard Specifications for Highway Construction. In accordance with Section 805, the following mixture shall be applied at the rate specified:

Cool Season Seeding Mixture	Rate
Tall Fescue	80 lbs pure live seed/Ac.
Annual Ryegrass	10 lbs pure live seed/Ac.
Perennial Ryegrass	5 lbs pure live seed/Ac.
White Clover	5 lbs pure live seed/Ac.
Oats	10 lbs pure live seed/Ac.

In accordance with Section 801, the following shall be applied at the rates specified:

Item	Rate
Effective Neutralizing material	2000 lbs/acre
Nitrogen (N)	80 lbs/acre
Phosphorous Acid (P2O5)	320 lbs/acre
Potash(K2O)	80 lbs/acre

Use vegetative mulch with overspray.

2.0 Commercial Mixtures. Commercial prebagged seed and fertilizer mixes may be substituted for the cool season seeding mixture and fertilizer application as stated above at the discretion of the engineer. The seed mixture should be a mixture of tall fescue and annuals similar to the mix above. Fertilizer may be included in the mix or separate from the seed mixture. The engineer may require overseeding of the commercial mixture as substitution for vegetative mulch with overspray.

3.0 Basis of Payment. No direct payment shall be made for seed and mulch. Payment for labor and materials to comply with the details of this specification shall be included in the lump sum, firm, fixed price as stated in the Request for Bid: D7-11-033.

E. AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE AND FINAL ACCEPTANCE OF CONSTRUCTED FACILITIES

1.0 Description. The contractor shall comply with all laws pertaining to the Americans with Disabilities Act during construction of pedestrian facilities on public rights of way for this project. An ADA Post Construction Checklist is provided herein to be utilized by the contractor for verifying compliance with the ADA law. The contractor is expected to familiarize himself with the plans involving pedestrian facilities and the ADA Post Construction Checklist prior to performing the work.

2.0 ADA Post Construction Checklist. The contractor can locate the ADA Inspection Checklist form on the Missouri Department of Transportation website:

http://www.modot.mo.gov/business/contractor_resources/forms.htm

2.1 The checklist is intended to be a helpful tool for the contractor to use during the construction of the pedestrian facilities and a basis for the commission's acceptance of work. Prior to work being performed, the contractor shall bring to the engineer's attention any planned work that is in conflict with the design or with the requirement shown in the checklist. Situations may arise where the checklist may not fully address all requirements needed to construct a facility to the full requirements of current ADA law. In those situations, the contractor shall propose a solution to the engineer that is compliant with current ADA law using the following hierarchy of resources: Americans with Disabilities Act Accessibility Guidelines (ADAAG), Draft Public Rights of Way Accessibility Guidelines (PROWAG), MoDOT's Engineering Policy Guidelines (EPG), or a solution approved by the Access Board.

2.2 It is encouraged that the contractor monitor the completed sections of the newly constructed pedestrian facilities in attempts to minimize impacts that his equipment, subcontractors or general public may have on the tolerances as established in the checklist.

3.0 Coordination of Construction.

3.1 Prior to construction and/or closure on an existing pedestrian path of travel, the contractor shall submit a schedule of work to be constructed, which includes location of work performed, the duration of time the contractor expects to impact the facility and an accessible signed pedestrian detour during each stage of construction. This plan shall be submitted to the engineer for review and approval at or prior to the pre-construction conference.

3.2 When consultant survey is included in the contract, the contractor shall use their survey crews to verify that the intended design can be constructed to the full requirements as established in the ADAAG. When ADAAG does not give sufficient information to construct the contract work, the contractor shall refer to the Draft PROWAG.

3.3 When consultant survey is not included in the contract, the contractor shall coordinate with the engineer, prior to construction, to determine if additional survey will be required to confirm the designs constructability.

4.0 Final Acceptance of Work. The contractor shall provide the completed ADA Post Construction Checklist to the engineer at the semi-final inspection. ADA improvements require final inspection and compliance with the ADA Post Construction Checklist. Each item listed in the checklist must receive either a "YES" or an "N/A" score. Any item receiving a "NO" will be deemed non-compliant and shall be corrected at the contractor's expense unless deemed otherwise by the engineer.

5.0 Basis of Payment. Payment for labor and materials to comply with the details of the specification shall be included in the lump sum, firm, fixed price as stated in the Request for Bid: D7-11-033 as approved by the engineer. The contractor shall complete any necessary adjustments deemed non-compliant as directed by the engineer, based upon completion of the ADA Post Construction Checklist.

5.1 No direct payment will be made to the contractor to recover the cost of equipment, labor, materials, or time required to fulfill the above provisions, unless specified elsewhere in the contract documents.

5.2 No direct payment will be made to the contractor to recover the cost of the equipment, labor, materials, or time required to provide an accessible signed detour during the various stages and locations of construction.