

**DETAILED SPECIFICATIONS
FOR
PARKS MISCELLANEOUS IMPROVEMENTS
PROJECT PR03-1275**

1. SCOPE

This project consists of removing various portions of the concrete bicycle path between Jackson Boulevard and Memorial Park, as well as some minor drainage improvements, and sidewalk repair at College Park.

2. STANDARD SPECIFICATIONS

Standard Specifications for this project shall be the City of Rapid City Standard Specifications for Public Works Construction, 2002 Edition, hereinafter referred to as the Standard Specifications.

3. REMOVALS

The Contractor shall remove and dispose of all concrete bicycle path and sidewalk marked for removal by the Engineer. Any bicycle path or sidewalk broken by the Contractor outside of the removal limits shall be replaced by the Contractor at his own expense. If the Contractor should break a section of bicycle path or sidewalk outside of the removal limits the entire section must be replaced.

Payment will be made under the unit price bid for "Remove Concrete Bicycle Path or Sidewalk".

4. CONCRETE BICYCLE PATH AND SIDEWALK

The bicycle path and sidewalk shall be replaced with four-inch (4") thick concrete with a two-inch (2") thick gravel cushion base unless otherwise noted. There are some locations identified on the drawings noting that the bicycle path shall have a six-inch (6") thick gravel cushion. A thickened edge sidewalk shall be constructed in the location noted on the College Park drawing.

Payment will be made under the unit price bid for the appropriate bicycle path or sidewalk item.

5. 3" ROCK AND RIP RAP

The soil is eroding along the edge of the bicycle path going under the West Main Street Bridge and shall be stabilized using three-inch (3") clean rock and class 3 rip rap. The 3" clean rock shall be placed along the east edge of the bicycle path. The area to be stabilized with 3" rock is approximately 75'x5'x1' deep. The rip rap shall

be placed immediately south of the existing storm sewer outlet. The area to be rip rapped is approximately 7'x10'x2' deep.

6. GRADING SOUTH OF RAILROAD TRACK

There is some minor grading needed immediately south of the railroad tracks and east of the bicycle path. The area to be graded is approximately 10' wide by 20' long. The area is being graded to keep water from being trapped on the bicycle path.

The area shall be excavated and graded to drain. All material shall be removed from the site and properly disposed of by the Contractor.

The area shall be seeded with Road Ditch Mix.

This work will be paid for under the lump sum price bid for "Grade Area South of Railroad Track".

7. HANDICAP PARKING SIGN

The Contractor shall furnish and install a handicap parking sign, MUTCD R7-8, at the location shown on the College Park drawing. The sign posts shall conform to Section 93.2D of the Standard Specifications.

The sign will be paid for under the unit price bid for "Handicap Parking Sign".

8. WORK ZONE ACCESS

The Contractor shall use the shortest possible route to access the work zones. All damaged areas shall be repaired by the Contractor. The West Main Street work zone is adjacent to Hardees and McDonalds. Both businesses have very well kept lawns, which shall not be disturbed. Access to this work zone shall be as noted on the drawing. Care shall be taken not to break the bicycle path as it will need to be used as a portion of the access route.

9. TRAFFIC CONTROL

The Contractor shall protect his work during the removal and construction phases by blocking the repair areas with Type III barricades on the ends of the work zones. Yellow ribbon tied to fence posts may be used to protect the individual removals.