

Request for Sealed Bid

Project To Pave The Public Access Road To Clifford Community Center

This is a Request for a bid for Labor, Trucking, and Machinery only.

Materials to be purchased by Clifford Township.

20,000 Sq. Feet of New Asphalt pavement

Work to be completed in two sections to allow access to the building and park during construction

Work to be completed by September 30th 2019

PA Prevailing wage does not apply

Clifford Township reserves the right to accept or reject any or all bids and to waive technical defects if in its judgement the interests of the Township shall so require.

SUMMARY OF WORK

Remove old asphalt pavement in front of the Community Center along Cemetery Street and in the entrance road. Cut along the connection with Cemetery Street. Remove old concrete road on the west side of building.

Excavate existing road material to enable finished new pavement to be even with concrete pads at entrances to the building and to the cinder shed. Drainage slopes must be maintained. Removed material to be stockpiled.

Add sub base stone (#3s) where needed and cover with 2RC modified or suitable stockpiled material. Compact completely and rework any soft areas.

Install 4 inch base asphalt.

Install 1 1/2 inch top coat asphalt.

* All materials will be charged to the township account with New Enterprise Stone and Lime Co., Inc. (about 1.5 miles away from project)

DETAILED SPECIFICATIONS

GENERAL

The Asphalt Concrete Paving equipment, weather limitations, jobmix formula, mixing, construction methods, compaction, finishing, tolerance, and protection shall conform to the requirements of the appropriate sections of the State Highway Specifications for the type of material specified.

MIXING ASPHALTIC CONCRETE MATERIALS

- A. Provide hot plant-mixed asphaltic concrete paving materials.
 - 1. Temperature leaving the plant: 143 degrees C(290 degrees F) minimum, 160 degrees C(320 degrees F) maximum.
 - 2. Temperature at time of placing: 138 degrees C(280 degrees F) minimum.

SUBGRADE

- A. Shape to line and grade and compact with self-propelled rollers.
- B. All depressions that develop under rolling shall be filled with acceptable material and the area re-rolled.
- C. Soft areas shall be removed and filled with acceptable materials and the area re-rolled.
- D. Should the subgrade become rutted or displaced prior to the placing of the subbase, it shall be reworked to bring to line and grade.

BASE COURSES

- A. Subbase (when required)
 - 1. Spread and compact to a thickness necessary to create stable base.
 - 2. Rolling shall begin at the sides and continue toward the center and shall continue until there is no movement ahead of the roller.
 - 3. After completion of the subbase rolling there shall be no hauling over the subbase other than the delivery of material for the top course.
- B. Base
 - 1. Spread where needed and compact.
 - 2. Rolling shall begin at the sides and continue toward the center and shall continue until there is no movement ahead of the roller.
 - 3. After completion of the base rolling there shall be no hauling over the base other than the delivery of material for the top course.
- C. Smoothness tolerance: Provide the lines and grades shown on the Drawings within a tolerance of 5mm in 3m (3/16 inch in ten feet).
- D. Moisture content: Use only the amount of moisture needed to achieve the specified compaction.

PLACEMENT OF ASPHALTIC CONCRETE PAVING

- A. Remove all loose materials from the compacted base.
- B. Apply the specified prime coat, and tack coat where required, and allow to dry in accordance with the manufacturer's recommendations as approved by the Architect or Engineer.
- C. Receipt of asphaltic concrete materials:
 - 1. Do not accept material unless it is covered with a tarpaulin until unloaded, and unless the material has a temperature of not less than 130 degrees C(280 degrees F).
 - 2. Do not commence placement of asphaltic concrete materials when the atmospheric temperature is below 10 degrees C (50 degrees F), not during fog, rain, or other unsuitable conditions.
- D. Spreading:
 - 1. Spread material in a manner that requires the least handling.
 - 2. Where thickness of finished paving will be 76mm (3") or less, spread in one layer.
- E. Rolling:
 - 1. After the material has been spread to the proper depth, roll until the surface is hard, smooth, unyielding, and true to the thickness specified.
 - 2. Roll in at least two directions until no roller marks are visible.
 - 3. Finished paving smoothness tolerance:
 - a. No depressions which will retain standing water.
 - b. No deviation greater than 3mm in 1.8m (1/8" in six feet).