

## Timber Pile Repair Project Description

Complete the timber pile repairs as per the enclosed plans and the associated work as described below.

Selection will be based on the overall cost to repair all structures.

Bid shall include a breakdown of cost per structure so funding can be allocated to the responsible bridge owner.

### Structure 066-3041 (Mercer County)

CH 16 over Snake Creek approximately ¼ mile west of the Village of Seaton. Road is currently posted with a 5-ton load posting.

This structure is a priority for repairs.

#### 3 Timber Piles

To expedite repairs CH 16 can be closed for up to 8 hours during work activities. If the contractor decides to utilize the road closure Type 3 Barricades with road closed ahead signs shall be placed across CH 16 at 140<sup>th</sup> Street and 150<sup>th</sup> Street to divert traffic during the short-term road closures. The road shall be open at the end of the 8-hour period and the one lane road closure reinstalled.

The cost of this traffic control is incidental to the timber pile repairs.

### Structure 066-4215 (Suez Township)

TR226 over Toms Creek in Suez Township. This road is currently closed.

#### 8 Timber Piles

Due to space limitation under the structure one alternative is to complete the repairs by excavating behind the abutments on the road side of the structure.

If the Contractor uses this alternative the cost shall include

Excavation and backfilling behind the backwall as per the attached drawing

Removal and replacement of backwall timber planks

Regrading disturbed riprap around the timber piles

CA 7 Aggregate backfill will be provided by the Township Road District

Excess excavation will be hauled off the ROW by the contractor

After the timber pile repairs are completed and prior to backfilling the contractor shall contact the Suez Township Road District Commissioner Lynn Pease (309) 255-5987 to determine the repairs needed to the timber backwall.

Additional timber backwall planks needed will be an addition to the contract.

#### Structure 066-4413 (Abbington Township)

TR253 over Snake Creek in Abbington Township. This road is currently posted at 17 tons.

##### 9 Timber Piles

Due to space limitation under the structure one alternative is to complete the repairs by excavating behind the abutments on the road side of the structure.

If the Contractor uses this alternative the cost shall include

Excavation and backfilling behind the backwall as per the attached drawing

Removal and replacement of timber backwall planks

Regrading disturbed riprap around the timber piles

CA 7 Aggregate backfill will be provided by the Township Road District

Excess excavation will be hauled off the ROW by the contractor

Road Closure Traffic Control will be provided by the Township Road District but maintained by the Contractor

After the timber pile repairs are completed and prior to backfilling the contractor shall contact the Abbington Township Road District Commissioner Harvey DeKeyrel (309) 221-5538 to determine the repairs needed to the timber backwall.

Additional timber backwall planks needed will be an addition to the contract.

#### Structure 066-4108 (North Henderson Township)

TR 284 over North Henderson Creek in North Henderson Township. This road is currently posted at 22 tons.

##### 9 Timber Piles Repairs.

This roadway is to remain open to one lane of traffic at all times.