

CTH R Roadway Costs
 4-Lane with 10' Shared Use Path
 Custer Street to Bridge

ADDITIONAL COST FOR 45 MPH
 Concrete Pavement

| Description | Unit | Quantity | Unit Cost | Total Cost |
|--------------------------------|------|----------|--------------|----------------|
| Clearing | Sta | 5 | \$300.00 | \$1,500.00 |
| Grubbing | Sta | 5 | \$300.00 | \$1,500.00 |
| Removing C & G | L.F. | 0 | \$3.00 | \$0.00 |
| Removing Sidewalk | S.Y. | 0 | \$3.00 | \$0.00 |
| Removing Pavement | S.Y. | 0 | \$3.00 | \$0.00 |
| Excavation | C.Y. | 10,000 | \$4.00 | \$40,000.00 |
| Borrow | C.Y. | 85,000 | \$5.00 | \$425,000.00 |
| Storm Sewer, Inlet Leads | L.F. | 1100 | \$30.00 | \$33,000.00 |
| Storm Sewer, Mainline | L.F. | 0 | \$50.00 | \$0.00 |
| Manholes and covers | Each | 0 | \$2,000.00 | \$0.00 |
| Inlets and covers | Each | 24 | \$1,500.00 | \$36,000.00 |
| Storm Sewer, Endwalls | Each | 0 | \$400.00 | \$0.00 |
| Extend Box Culvert | Each | 1 | \$50,000.00 | \$50,000.00 |
| Riprap | C.Y. | 0 | \$30.00 | \$0.00 |
| Mobilization | L.S. | 0 | \$50,000.00 | \$0.00 |
| Concrete Pavement | S.Y. | 7,200 | \$35.00 | \$252,000.00 |
| Concrete Curb & Gutter, 30-lr | L.F. | 8,000 | \$10.00 | \$80,000.00 |
| Concrete Sidewalk, 6-Inch | S.F. | 0 | \$5.00 | \$0.00 |
| Concrete Driveway, 6-Inch | S.F. | 0 | \$6.00 | \$0.00 |
| Asphaltic Pavement | Ton | 0 | \$60.00 | \$0.00 |
| Crushed Aggregate Base Cour | Ton | 7,500 | \$12.00 | \$90,000.00 |
| Beam Guard/Railing | L.F. | 0 | \$25.00 | \$0.00 |
| Landscaping (topsoil, seed, fe | S.Y. | 7,600 | \$3.00 | \$22,800.00 |
| Erosion Control | L.S. | 0 | \$5,000.00 | \$0.00 |
| Traffic Control | L.S. | 0 | \$20,000.00 | \$0.00 |
| Staking Control | L.S. | 0 | \$2,000.00 | \$0.00 |
| Staking Slope | L.F. | 0 | \$1.00 | \$0.00 |
| Staking Storm Sewer | Each | 24 | \$25.00 | \$600.00 |
| Staking Curb | L.F. | 8,000 | \$1.00 | \$8,000.00 |
| Staking subgrade | L.F. | 0 | \$1.00 | \$0.00 |
| Pedestrian Railing | L.F. | 0 | \$20.00 | \$0.00 |
| RR X-ing Improvements | L.S. | 0 | \$250,000.00 | \$0.00 |
| Temp Connection @ Custer L | L.S. | 0 | \$10,000.00 | \$0.00 |
| Sawing Existing Pavement | L.F. | 0 | \$2.00 | \$0.00 |
| Incidentals (10%) | L.S. | 1 | \$104,040.00 | \$104,040.00 |
| SubTotal Construction Cost | | | | \$1,144,440.00 |
| 15% E & C (Construction) | | | | \$171,666.00 |
| Total Construction Cost | | | | \$1,316,106.00 |

CTH R (Rapids Road)
Manitowoc County

45 MPH Additional Costs

| | | |
|--------------------------|--------------------|--|
| Roadway Redesign | \$30,000 | Redesign roadway & RR Xing, R/W plat |
| Bridge Redesign | \$65,000 | Redesign curve & Super, Envion Doc Amend |
| RailRoad Crossing | \$50,000 | Wider crossing |
| Right of Way | \$32,000 | 1.6 acres x \$20,000/acre |
| Right of Way Acquisition | \$30,000 | 15 parcels x \$2,000/parcel |
| Wetland Mitigation | \$65,000 | \$65,000/ acre |
| Construction Cost | <u>\$1,300,000</u> | See attached |
| TOTAL | \$1,572,000 | |