Paint Creek Trail 31.7 Bridge Replacement Project
Paint Creek Trail - Northwest of Ludlow Road and Woodward Avenue

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174 of 2013 shall not be paid for separately.

Iron pin, Sta 1777+14.63, 5.72 Rt.  EL 807.38
Iron pin, Sta 1777+22.76, 26.97 Lt.  EL 800.63

No cereal rye seeding shall be used on this project.

BRIDGE

BENCHMARKS

UTILITIES

MISS DIG/UNDERGROUND UTILITY NOTIFICATION

This notification is to advise property owners of the location of underground utilities. This information does not relieve any person or organization of the responsibility for locating all utilities for which the property owner or organization is financially responsible. It is the responsibility of each property owner or organization to familiarize themselves with the location of utilities on their property. *The Contractor is not responsible for damages to utilities.*

Temporary Excavations - A minimum of 3 business days prior to excavating, excluding weekends.

OUT OF SERVICE UTILITIES

The work covered by these plans include clearing, grubbing, tree removal, restoration, modified.

SOIL BORINGS

Water level is subject to change. The Contractor is responsible for making a determination of water levels that may exist during construction. The Contractor shall maintain such records as may be required to determine the state of the waterway bottom may be harmful as the debris itself, the determination of water levels that may exist during construction.

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Bridge plans were referred to in the design of this project.

TEMPORARY (CONSTRUCTION) TRAFFIC CONTROL

This agreement with property owners adjacent to the project. Work may be allowed when allowed by the Engineer. This shall be included in the cost of the project.

CONSTRUCTION STAGING NOTES

Any permanent signs requiring relocation due to Contractor operations shall be new signs and posts. The cost of this work shall be borne by the Contractor.

The following items of work shall be done as they apply throughout the project or as directed by the Engineer. These items are not to include installation or demolition of electrical or gas pharmacy.

GENERAL

GENERAL NOTES

The Contractor shall conduct his operations in such a manner that local traffic and emergency vehicles shall have access within the project at all times in a manner approved by the Engineer. The Contractor shall be responsible for making a determination of water levels that may exist during construction. The Contractor shall maintain such records as may be required to determine the state of the waterway bottom may be harmful as the debris itself, the determination of water levels that may exist during construction.

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PAINT CREEK TRAIL

31.7 BRIDGE REPLACEMENT

TOPOGRAPHIC SURVEY AND REMOVAL PLAN

EXISTING BRIDGE

NOTE:
BRIDGE DECKING, PILE, WINGWALL AND STAIRS ARE TO BE REMOVED AS PART OF THIS PROJECT
PAID FOR AS: Structure, Rem (PCTC 31.7)

REMOVE EXISTING WOOD STAIRS
PAID FOR AS: Structure, Rem (PCTC 31.7)

BRIDGE DECKING, PILE, WINGWALL AND STAIRS ARE TO BE REMOVED AS PART OF THIS PROJECT
PAID FOR AS: Structure, Rem (PCTC 31.7)

EXISTING 100 YEAR FLOODPLAIN LIMITS (PER FEMA)

EXISTING 500 YEAR FLOODPLAIN LIMITS (PER FEMA)

EXISTING FLOODWAY (PER FEMA)

NOTE:
EXISTING PILE CAP & PLAIN TEMP LEFT IN PLACE - REMOVE AT COMPLETION OF CONSTRUCTION

BRIDGE WSN 34-05-2022

PROFILE VIEW

Scale 1"=4'

PLAN VIEW
**NOTES:**

- The design of the structure is based on current AASHTO LRFD Bridge Design Specification. Pedestrian loading of 90 PSF and a maintenance vehicle H2o loading, not acting concurrently. Live load deflection does not exceed 1/360 of span length.
- The drainage area contributing to this crossing is 63.0 square miles.
- The existing structure provides a waterway area of 483.54 square feet to underclearance elevation 803.16.
- Without the preventive measures shown on these plans, there is a possibility that stream bed scour may occur. The estimated total scour depth is calculated to be 1.51 feet at Abut A and 1.77 feet at Abut B. These depths are based only on a 100-year runoff event.
- Cobble, gravel, and sand mix shall be placed on all slopes prior to placing riprap.
- For details of slope protection, see standard plan B-102-SERIES.
- The riprap quantity is based on the lateral dimensions of the area to be protected. Regardless of the number of layers required, the estimated result of riprap used shall be submitted to the engineer for approval.
PLAN OF STRUCTURE

SCALE: 1/4"=1'-0"

BOFF OF FOOTING ELEV = 767.8

WALK / BRIDGE ELEV = 771.3

LIMITS OF GEOSYNTHETIC REINFORCED SOIL GRANULAR FILL

14'-0" CLEAR WIDTH

1'-1" REF LINE A

1'-1" REF LINE B

BOFF OF FOOTING ELEV = 767.8

APPROX OHWM = 761.46

APPROX SB-2 LOCATION

APPROX SB-1 LOCATION

PAINT CREEK TRAIL
31.7 BRIDGE REPLACEMENT

CITY OF ROCHESTER

PROJECT NAME:

CONSTRUCTION RECORD

DATE:

SUBMITTALS/REVISIONS

M:\0270\0270-0177\DWG\CIVIL\05-07_BRIDGE PLANS.DWG

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51301 Schoenherr Road
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**Anchor Rod Assembly**

**Anchor Rod Plate and Template**

**Reinforcement Schedule**

<table>
<thead>
<tr>
<th>Bar</th>
<th>Length</th>
<th>Quantity</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
<td>EA010908</td>
<td>12' 6&quot;</td>
<td>45</td>
<td>632</td>
</tr>
<tr>
<td>EL061006</td>
<td>11' 6&quot;</td>
<td>40</td>
<td>330</td>
</tr>
<tr>
<td>EK061109</td>
<td>12' 6&quot;</td>
<td>40</td>
<td>632</td>
</tr>
</tbody>
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**Notes:**

1. All steel reinforcement shall be epoxy coated, unless noted otherwise.

**Epoxy Coated**

**Bar Shape**

**Bar Size**

**Bar Legend**

**Abutment Details**

**Paint Creek Trail**

**31.7 Bridge Replacement**

**City of Rochester**

**Scale:** 1" = 1'-0"
TIMBER APPROACH RAILING

TIMBER RAILING FOUNDATION

TIMBER RAILING SECTION

TYPICAL PATH APPROACH SECTION

PLANTS CREEK TRAIL
31.7 BRIDGE REPLACEMENT

APPROACH SECTIONS AND DETAILS
MAINTENANCE OF TRAFFIC PLAN
PEDESTRIAN DETOUR

CAD MTL MARCH 2023

1" = 100'

PAINT CREEK TRAIL
31.7 BRIDGE REPLACEMENT
CITY OF ROCHESTER

SHEET TITLE:
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SUBMITTALS/REVISIONS

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WOODWARD AVENUE
LUDLOW AVENUE

PAINT CREEK TRAIL
OAK STREET
N HILL CIRCLE
AXFORD PLACE
DINOSAUR HILL
NATURE PRESERVE/TRAIL

PLASTIC DRUM
42" CHANNELIZING DEVICE
TYPE III BARRICADE, LIGHTED
TYPE III BARRICADE, LIGHTED
W/SUPPLEMENTAL SIGNAGE
TEMPORARY SIGN

TRAFFIC FLOW, THIS STAGE WORK ZONE

LEGEND

TEMPORARY PEDESTRIAN
TYPE II BARRICADE
LIGHTED ARROW BOARD

QUANTITY LIST (THIS SHEET)
1. Sign, Type B, Temp, Prismatic, Furn 58 Sft
2. Sign, Type B, Temp, Prismatic, Oper 58 Sft
3. Sign, Type B, Temp, Prismatic, Spec, Furn 32 Sft
4. Sign, Type B, Temp, Prismatic, Spec, Oper 32 Sft
5. Pedestrian, Type B, Barricade, Temp 6 Ea

(2) TYPE III BARRICADES W/ONE (1) R9-9 (MOD.) & R11-2 (MOD.)
TRAIL CLOSED
R9-9 (MOD.)
BRIDGE OUT
R11-2 (MOD.)

CONTRACTOR ACCESS TO SITE WORK ROAD W20-1 AHEAD ROADWAY EXITING ENTERING AND TRUCKS W20-16 WORK ROAD W20-1 AHEAD ROADWAY EXITING ENTERING AND TRUCKS W20-16

PAINT CREEK TRAIL CLOSED W20-8 (MOD.)

M4-9gL M4-9gR M4-9gL M4-9gL
INSTALL SILT FENCE AS INDICATED ON THE PLANS AND AT ADDITIONAL AREAS AS NECESSARY.

A.

If silt fence fabric decomposes or becomes ineffective prior to the end of expected usable life and the barrier is still required, the fabric shall be replaced promptly.

B.

Silt fence shall be installed per detail.

C.

Silt fence shall be inspected weekly under normal conditions, with inspection frequency increased to daily during the rainy season or during periods of heavy precipitation.

D.

Instantaneous velocities in excess of 3 feet per second shall be reduced to 2 feet per second or less to prevent significant erosion of財政 benches.

Select a suitable erosion control measure from the following: 1. dissipaters 2. rock bags 3. blankets

E.

Sinkholes and other deterioration shall be filled with a suitable material and be cut back to the original grade.

F.

The pump must discharge at a non-erosive velocity. If necessary, an approved energy dissipater may be used.

G.

No dewatering is anticipated for this project. If needed, it shall be discharged through a filter bag over a well-vegetated area. The pump must discharge at a non-erosive velocity. If necessary, an approved energy dissipater may be used.

H.

The soil erosion and sedimentation control notes and maintenance notes shall be implemented and established before a certificate of compliance is issued.

I.

All permanent soil erosion control measures for all slopes, channels, ditches, or any disturbed land area shall be maintained until permanent soil erosion control measures are implemented. All permanent soil erosion control measures shall be implemented immediately. All temporary soil erosion control shall be removed when the sediment accumulates to 1/3 to 1/2 of the barrier is still required, the fabric shall be replaced promptly.

J.

Silt fence shall be maintained unti permanent soil erosion control measures are implemented. All permanent soil erosion control measures for all slopes, channels, ditches, or any disturbed land area shall be maintained until permanent soil erosion control measures are implemented. All permanent soil erosion control measures shall be implemented immediately. All temporary soil erosion control shall be removed when the sediment accumulates to 1/3 to 1/2 of the barrier is still required, the fabric shall be replaced promptly.

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