

O:\Public\OH\TrumbullCo\2017\109.00\TRU\99804\Design\Structures\Sheets\046\_0363C\_SNO01.dgn Sheet 1 9/17/2025 11:30:18 AM dcastironova

SCOPE OF WORK

THIS PROJECT CONSISTS OF RETROFITTING THE TWO EXISTING, ABANDONED RAILROAD BRIDGES FOR USE AS PEDESTRIAN HIKE AND BIKE TRAIL STRUCTURES CROSSING OVER ROBBINS AVENUE (S.R. 46/S.R. 169) AND MAIN STREET (S.R. 169) IN TRUMBULL COUNTY. THE WORK IS TO BE CONSTRUCTED IN CONJUNCTION WITH THE ADJACENT ON-GRADE HIKE AND BIKE TRAIL PROJECT. THE SCOPE OF WORK ON THE BRIDGES SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING AS SHOWN AND/OR NOTED ON THE DRAWINGS:

1. CLEAR ALL BRUSH AND VEGETATION ADJACENT TO OR GROWING WITHIN THE STRUCTURE. LIMITS INCLUDE 15’ ON EACH SIDE OF THE CENTERLINE OF CONSTRUCTION OF THE BRIDGE AS WELL AS 15’ BEYOND EACH ABUTMENT END.
2. REMOVE WOODEN RAILROAD TIES ON THE BRIDGE.
3. CONSTRUCT THE NEW SHARED-USE PATH ACCORDING TO THE TYPICAL SECTIONS.
4. INSTALL NEW VANDAL PROTECTION FENCE, MOUNTED TO THE EXISTING CONCRETE PEDESTALS ON BOTH BRIDGES, AS SHOWN IN THE PLANS.
5. INSTALL NEW TIMBER RAILING, MOUNTED TO THE EXISTING CONCRETE PEDESTALS ON BOTH BRIDGES AND ON THE BRIDGE APPROACHES, AS SHOWN IN THE PLANS.

NOTE: THE CLEARING OF ALL BRUSH AND VEGETATION, AS WELL AS THE REMOVAL OF THE WOODEN RAILROAD TIES ON EACH BRIDGE, SHALL BE INCLUDED FOR PAYMENT WITH ITEM 201 - CLEARING AND GRUBBING.

DESIGN DATA

DESIGN LOADING: 90 PSF PEDESTRIAN LOADING OR H15-44  
MAINTENANCE/EMERGENCY VEHICLE

VERIFICATION OF THE EXISTING STRUCTURES

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM FIELD OBSERVATIONS, FIELD SURVEY, AND APPROXIMATE MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO ODOT CMS SECTIONS 102.05, 105.02 AND 513.04. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE.

ITEM 607 – VANDAL PROTECTION FENCE, 10’ CURVED, COATED FABRIC, AS PER PLAN

THIS WORK SHALL CONSIST OF THE INSTALLATION OF NEW 10’ CURVED VANDAL PROTECTION FENCE, MOUNTED ON THE EXISTING CONCRETE PEDESTALS ON EACH BRIDGE AS SHOWN IN THE PLANS. ALL MATERIALS, LABOR, AND INCIDENTALS SHALL BE BASED ON THE REQUIREMENTS OF ODOT STANDARD DRAWING VPF-1-24, EXCEPT THAT THE FENCE FABRIC SHALL BE PLACED ON THE INSIDE (TRAIL SIDE) OF THE FENCE POSTS AND RAILS, AND A RECTANGULAR BP-1 BASE PLATE ACCORDING TO ARCHIVED ODOT STANDARD DRAWING VPF-1-90 SHALL BE USED. THE COLOR OF THE FENCE COMPONENTS SHALL BE BLACK. FENCE POST SPACINGS MAY BE SHIFTED AS NEEDED FROM THE PLAN SPECIFIED LOCATIONS TO AVOID INTERFERENCE WITH THE EXISTING DIAGONAL STIFFENERS OF THE RIVETED STEEL GIRDERS. FENCE POST SPACINGS SHALL BE HELD TO A MAXIMUM OF 9’-0” AS SPECIFIED IN THE STANDARD DRAWING.

ITEM 517 – RAILING, TIMBER, AS PER PLAN

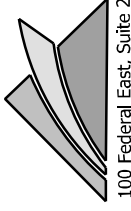
THIS WORK SHALL CONSIST OF THE INSTALLATION OF NEW TREATED TIMBER RAILINGS MOUNTED TO THE EXISTING CONCRETE PEDESTALS ON THE BRIDGE AND ON-GRADE AT THE BRIDGE APPROACHES, AS SHOWN IN THE PLANS. LUMBER MATERIAL SHALL BE NO. 1 SOUTHERN PINE. RAIL POST SPACINGS MAY BE SHIFTED AS NEEDED FROM THE PLAN SPECIFIED LOCATIONS TO AVOID INTERFERENCE WITH THE EXISTING DIAGONAL STIFFENERS OF THE RIVETED STEEL GIRDERS. LIMIT THE TIMBER RAIL POST SPACING TO 7’-0” MAXIMUM.

PRESERVATIVE TREATMENT SHALL CONSIST OF EITHER COPPER AZOLE - TYPE B (CA-B) WITH 0.10 PCF MINIMUM RETENTION OR COPPER QUAT (ACQ) WITH 0.25 PCF MINIMUM RETENTION. ALL BOLTS SHALL BE HOT-DIPPED GALVANIZED.

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID PER FOOT OF COMPLETED RAILING AND SHALL INCLUDE ALL LABOR, MATERIALS AND INCIDENTALS TO COMPLETE THE WORK.

ESTIMATED QUANTITIES								
ITEM	EXTENSION	TOTAL	PARTICIPATION	UNITS	DESCRIPTION	BRIDGE NO.		A.P.P. REF. SHEET NO.
			01/CMO			TRU-46-0363	TRU-169-0416	
517	74001	447	447	FT	RAILING, TIMBER, AS PER PLAN	195	252	1
607	39921	363	363	FT	VANDAL PROTECTION FENCE, 10’ CURVED, COATED FABRIC, AS PER PLAN	164	199	1

BRIDGE QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY

DESIGN AGENCY  
  
GPD GROUP  
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REVIEWED  
TJW  
DATE  
4-11-24  
STRUCTURE FILE NUMBER  
7802498/7806124

DRAWN  
DJC  
REVISED

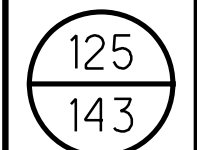
DESIGNED  
DJC  
CHECKED  
RHC

GENERAL NOTES & ESTIMATED QUANTITIES  
BRIDGE NOS. TRU-46-0363 / TRU-169-0416  
WESTERN RESERVE GREENWAY OVER S.R. 46 & S.R. 169 / OVER S.R. 169

TRU-WESTERN  
RESERVE GREENWAY  
PID No. 99804

1 / 4

122  
143



## NOTES:

1. THE 10' CURVED VANDAL PROTECTION FENCE SHALL BE MOUNTED TO THE TOPS OF THE EXISTING CONCRETE PEDESTALS UTILIZING A BP-1 BASE PLATE FROM ARCHIVED ODOT STD. DWG. VPF-1-90. THE FENCE FABRIC SHALL BE PLACED ON THE INSIDE (TRAIL SIDE) FACE OF THE FENCE POSTS AND RAILS. FOR ADDITIONAL FENCE DETAILS AND NOTES NOT SHOWN, SEE ODOT STD. DWG. VPF-1-24 AND ARCHIVED ODOT STD. DWG. VPF-1-90.
2. FENCE POSTS AND TIMBER RAILING POSTS MAY BE SHIFTED ALONG THE LENGTH OF EACH BRIDGE TO AVOID INTERFERENCE WITH THE EXISTING DIAGONAL GIRDER STIFFENERS. FOR FENCE POST AND TIMBER RAIL POST LAYOUT, SEE SHT. NOS.  $\boxed{2/4}$  &  $\boxed{3/4}$ .
3. FOR GENERAL NOTES, SEE SHT. NO.  $\boxed{1/4}$ .