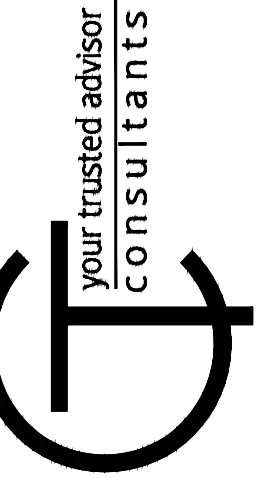


BID SET

your trusted advisor
**engineers
architects
planners**

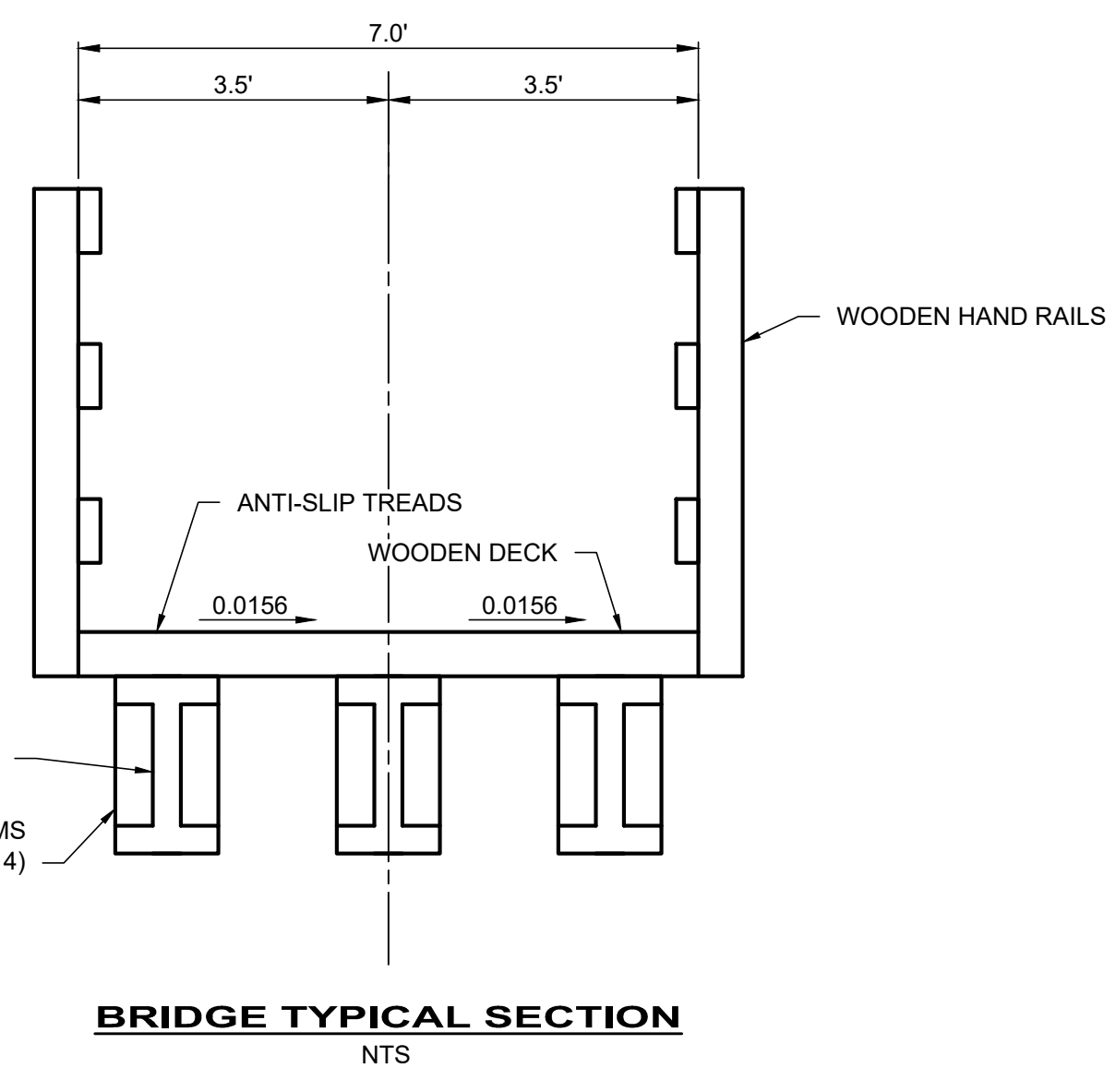


ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	8/6/24			
SCALE:	AS SHOWN			
DESIGNED BY:	EJT			
DRAWN BY:	BKU			
CHECKED BY:	EH			

**MIDDLE RIDGE ROAD
SIDEWALK IMPROVEMENTS
VILLAGE OF MADISON, LAKE COUNTY, OHIO**

BRIDGE DETAILS

PROJECT NO.	241 143
DISCIPLINE	CIVIL
SHEET NAME	BRDG-DET1
SHEET	OF
23A	25



BRIDGE GENERAL NOTES:

1. THE CONTRACTOR SHALL DESIGN AND CONSTRUCT A PEDESTRIAN BRIDGE AT THE TWO LOCATIONS SHOWN IN THE PLANS. THE BRIDGE SHALL CLEAR THE CREEK. NO PIERS ARE ALLOWED. THE LOW STEEL OR LOW WOOD OF THE PEDESTRIAN BRIDGE SHALL BE AT OR ABOVE THE LOW STEEL OF THE EXISTING DOWNSTREAM BRIDGE. THE DISTANCE BETWEEN THE TOP OF DECK AND THE LOW STEEL (OR BEAM) ELEVATION OF THE BRIDGE SHALL BE DETERMINED WHEN THE BRIDGE IS DESIGNED. THE SIDEWALK AND BRIDGE DECK PROFILE CAN BE RAISED TO ACCOMMODATE THIS DESIGN.
2. THE CONTRACTOR SHALL DESIGN AND CONSTRUCT THE ABUTMENTS FOR EACH PEDESTRIAN BRIDGE. THE ABUTMENTS SHALL BE MADE OF REINFORCED CONCRETE AND SHALL BE 9 FEET WIDE.
3. THE CONTRACTOR SHALL OBTAIN SOIL BORINGS AT EACH ABUTMENT LOCATION AND BASE THE ABUTMENT DESIGN ON THE GEOTECHNICAL PARAMETERS OF THE SOIL.
4. THE PEDESTRIAN BRIDGES SHALL HAVE A STEEL OR WOODEN SUPERSTRUCTURE, A WOODEN DECK AND WOODEN RAILS. ALTHOUGH STEEL I-BEAMS ARE PREFERRED, THE CONTRACTOR IS TO DETERMINE THE COMPOSITION OF THE SUPERSTRUCTURE BASED ON AVAILABILITY OF MATERIALS.
5. THE WOODEN DECK SHALL HAVE ANTI-SLIP TREADS.
6. CROSS SLOPE DIRECTION OF BRIDGE DECK SHALL MATCH CROSS SLOPE DIRECTION OF ADJACENT SIDEWALK.
7. SHOP DRAWINGS FOR THE PEDESTRIAN BRIDGES AND THE ABUTMENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
8. AASHTO SHALL GOVERN THE DESIGN OF THESE BRIDGES.
9. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 530 SPECIAL - STRUCTURE, MISC.: PEDESTRIAN BRIDGE DESIGN AND CONSTRUCTION, COMPLETE.