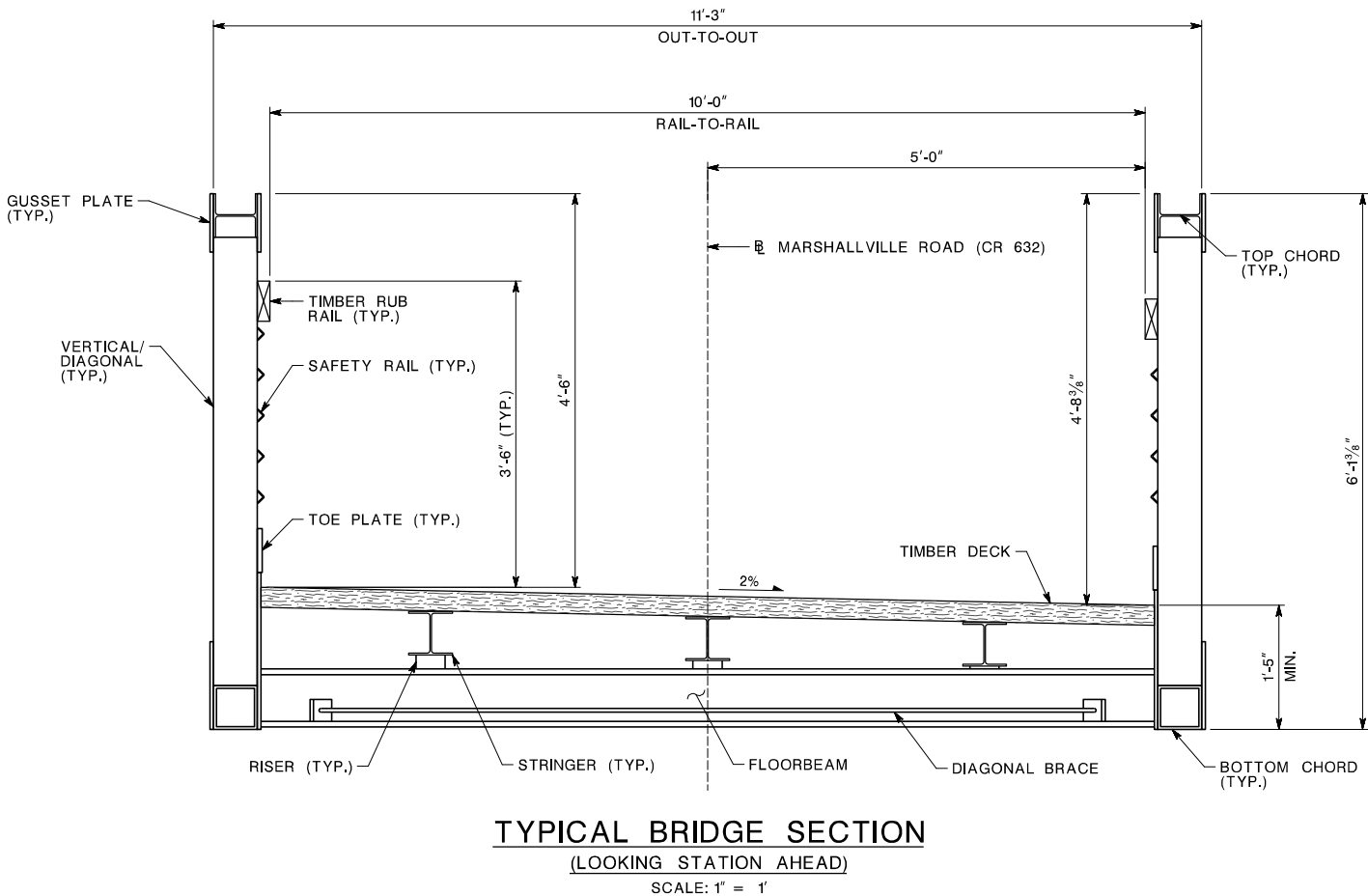


GENERAL NOTES:

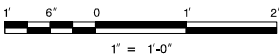
1. DESIGN SPECIFICATIONS:
(A) 2020 (9TH EDITION) AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, AS MODIFIED BY SECTION 3 OF THE 2016 (6TH EDITION) NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
(B) AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION, WITH 2015 INTERIM REVISIONS.
2. CONSTRUCTION SPECIFICATIONS:
2019 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WITH CURRENT SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY THE SPECIAL PROVISIONS.
3. LIVE LOAD:
(A) AASHTO LRFD H-5 LIVE LOADING (STRENGTH I LOAD COMBINATION)
(B) 90 PSF PEDESTRIAN LOADING
4. CONCRETE DESIGN STRESSES:
(A) DESIGN COMPRESSIVE STRENGTH (f'c):
CLASS B..... 3,000 PSI

(B) CLASS MIX DESIGN STRENGTH (f'c):
CLASS B..... 3,700 PSI

(C) THE FOLLOWING NJDOT CONCRETE CLASS SHALL BE PROVIDED:
CONCRETE ABUTMENT AND FOOTING (CLASS B)
5. REINFORCEMENT STEEL:
(A) ASTM A615 (GRADE 60) (Fs = 24,000 PSI) (GALVANIZED)
(B) PROVIDE 2" CONCRETE COVER, UNLESS OTHERWISE NOTED.
(C) ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.
6. SUPERSTRUCTURE:
(A) STRUCTURAL STEEL: AASHTO M270, GRADE 50 (ASTM A709, GRADE 50) WITH SUPPLEMENTARY REQUIREMENTS FOR NOTCH TOUGHNESS FOR ALL MEMBER COMPONENTS MARKED (T).
(B) APPLY HOT-DIP GALVANIZED COATING ACCORDING TO ASTM A123.
(C) COATING SYSTEM SHALL BE AS FOLLOWS:
COATING SYSTEM: GALVANIZED (ASTM A123) AND PAINTED
PRIMER: SYSTEM TBD
(1 MIL MIN. MORE THAN MEASURED ANCHOR PROFILE THICK)
INTERMEDIATE: SYSTEM TBD
(3.5 MILS MIN. THICK)
FINISH: SYSTEM TBD
(2 MILS MIN. THICK)
FINISH COLOR COAT: GRAY (AMS-STD 36463)
7. WOOD:
(A) REFER TO NJDOT STANDARD SPECIFICATION SECTION 915 FOR DIMENSION LUMBER FOR STRUCTURES.
(B) USE DIMENSION LUMBER THAT OCNFORMS TO AASHTO M168.
(C) FOR TIMBER PLANK FLOOR USE TIMBER THAT IS DRESSED SQUARE EDGED S4S.
(D) TREAT TIMBER AS SPECIFIED IN NJDOT STANDARD SPECIFICATION SECTION 915.05, EXCEPT DO NOT PRESERVE TIMBER RAILING SYSTEMS AND DECK USED BY PEDESTRIANS WITH CREOSOTE.
(E) TIMBER SHALL BE AS FOLLOWS:
TIMBER PLANK FLOOR: TREATED SOUTHERN PINE, NO. 2 DENSE, 2" BY 6"
TIMBER FENCE POSTS: TREATED SOUTHERN PINE, STANDARD, 4" BY 4"
TIMBER RAILING: TREATED SOUTHERN PINE, NO. 2, 2" BY 6"
8. SEISMIC DESIGN NOTES:
SEISMIC DESIGN CATEGORY = A
SITE CLASS DEFINITION = D
9. UTILITIES:
(A) UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
10. FOUNDATION DESIGN CRITERIA:
(A) TO BE DETERMINED.
11. DATUM:
ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.
12. THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL INFORMATION, CONDITIONS, AND DIMENSIONS OF THE EXISTING STRUCTURE. DIMENSIONS AND INFORMATION SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY AND HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION DRAWINGS AND CURRENT SURVEY DATA AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL SUCH FIELD MEASUREMENTS TO ASSURE PROPER FIT OF THE FINISHED WORK. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE THE FIELD DIMENSIONS AND MAKE THE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS, AS APPROVED BY THE ENGINEER. WHEN SHOP DRAWINGS ARE SUBMITTED FOR APPROVAL, THE FIELD MEASUREMENTS MADE SHALL BE INDICATED ON THE SHOP DRAWINGS FOR REFERENCE.



GENERAL NOTES
AND TYPICAL SECTION



REVISION	BY	CK'D	DATE

COUNTY OF CAPE MAY			
OFFICE OF THE COUNTY ENGINEER			
JOB: MARSHALLVILLE ROAD (CR 632) BRIDGE REPLACEMENT WITH A PEDESTRIAN BRIDGE Township of Upper, Cape May County, NJ			
PREPARED BY: URBAN ENGINEERS, INC.		220 LAKE DRIVE, EAST, SUITE 300 CHERRY HILL, NJ 08002-1165	
DRAWN: SWF	DATE: xx/xx/xxxx	SCALE: AS NOTED	SHEET OF X
PREPARED FOR: COUNTY OF CAPE MAY		DEPARTMENT OF PUBLIC WORKS, OFFICE OF THE COUNTY ENGINEER 4 MOORE ROAD, CAPE MAY COURT HOUSE, NJ 08210-1601	
APPROVED: STEVEN B. LOCKE, P.E. N.J. PROFESSIONAL ENGINEER No. 24GE04526300		XX/XX/XXXX DATE	