GENERAL NOTES:

SPECIFICATIONS: MATERIALS AND CONSTRUCTION OF THIS STRUCTURE SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS (FT-03) AND STANDARD SPECIFICATIONS FOR CONSTRUCTION OF TRAILS AND TRAIL BRIDGES ON FEDERAL PROJECTS.

TIMBER & LUMBER: SAWN TIMBER TRAIL BRIDGE SHALL MEET THE REQUIREMENTS OF THE GRADE RATING AGENCY FOR THE SPECIES, TYPE, AND GRADE SPECIFIED BELOW.

DECK PLANKS, CURBS, SILLS, & BACKING PLANKS RUNNING PLANKS
- SOUTHERN PINE NO.2 GRADE RATING RULES AGENCY - SPRB
- SOUTHERN PINE NO.3 GRADE RATING RULES AGENCY - SPRB

RAILS & POSTS (SEE PROJECT CRITERIA)
- UNTREATED
- BALD CYPRESS, S4S, NO.1 GRADE RATING RULES AGENCY - SPRB
- WHITE OAK, S4S, SELECT STRUCTURAL GRADE RATING AGENCY - NELMA

TREATMENT: SEE PROJECT CRITERIA FOR MEMBERS IDENTIFIED TO BE TREATED AND FOR TREATMENT TYPE. PRESERVATIVE TREATMENT SHALL BE IN ACCORDANCE WITH THE CURRENT AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) SPECIFICATIONS USING THE TREATMENT MATERIALS LISTED BELOW. TREATMENT WILL COMPLIANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF WESTERN WOOD PRESERVERS INSTITUTE (WWPI) "BEST MANAGEMENT PRACTICES FOR THE USE OF TREATED WOOD IN AQUATIC ENVIRONMENTS".

STRUNGERS, DECKING, RUNNING PLANKS, & RAILING SYSTEM, IF TREATED
- AWPA USE CATEGORY SYSTEM (UI1) FOR USE CATEGORY 3B ABOVE GROUND EXPOSED (CUB)
- PENTACACHLOROPHENOL IN LIGHT OIL (TYPE C SOLVENT)
- COPPER NAPHTHALENE (CUB) IN LIGHT OIL (TYPE C SOLVENT)
- SILLS, BACKING PLANKS, CURBS, & TIMBER WALLE, IF TREATED
- AWPA USE CATEGORY SYSTEM (UI1) FOR USE CATEGORY 49 GROUND CONTACT HEAVY DUTY (CUB)
- PENTACACHLOROPHENOL IN HEAVY OIL (TYPE A SOLVENT)
- COPPER NAPHTHALENE (CUB) IN HEAVY OIL (TYPE A SOLVENT)

FIELD TREATMENT: COPPER NAPHTHALENE (2% SOLUTION) SHALL BE PURCHASED FOR FIELD TREATING OIL WOOD, ALL ABREVIATIONS AND FIELD CURBS, APPLIED TO THE CURB - SHALL BE CAREFULLY TRIMMED AND GIVEN THREE BRUSH COATS OF THE FIELD TREATMENT SOLUTION. WHERE APPROVED FIELD TREATING OF OIL OR NAIL HOLES AS REQUIRED, THE HOLES SHALL BE FILLED WITH PRESERVATIVE PRIOR TO INSERTING THE FASTENERS.

HARDWARE AND STRUCTURAL STEEL: SEE PROJECT DESIGN CRITERIA FOR STEEL HARDWARE. FIELD CONSTRUCTED OR SUPPLIED HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M270, GRADE 36, WITH NUTS AND BOLTS CONFORMING TO ASTM A327, GRADE A. STEEL AND HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M260, GRADE 50, WITH NUTS AND BOLTS CONFORMING TO ASTM A325S, TYPE 2. HANGING NAILABLE FOR WASHERS AGAINST WOOD UNLESS OTHERWISE NOTED.

WHEN STRUCTURAL STEEL IS TO BE WELDED, THE WELDING PROCEDE SHALL BE IN ACCORDANCE WITH AND 51.1.1 AND SHALL BE SUITABLE FOR THE GRADE OF STEEL AND INTENDED USE ON SERVICE.

FABRICATION: SUBMIT SHOP DRAWINGS FOR ALL BRIDGE COMPONENTS (EXCEPT TIMBER RUNNING PLANKS) SHOWING ALL DIMENSION AND FABRICATION DETAILS FOR ALL CUT OR BORED TIMBER. FIELD DRILLING OF HOLES SHALL NOT BE ALLOWED UNLESS OTHERWISE NOTED ON THE PLANS.