

THE RAILS AND UPRIGHTS SHALL BE EITHER METAL OR WOOD. IF PIPE RAILING IS USED, THE RAILING SHALL HAVE A NOMINAL DIAMETER OF NO LESS THAN 1-1/2 INCHES. IF STRUCTURAL STEEL RAILING IS USED, THE RAILS SHALL BE 2 X 2 X 3/8 INCH STEEL ANGLES OR OTHER METAL SHAPES OF EQUAL OR GREATER STRENGTH. IF WOOD RAILING IS USED, THE RAILING SHALL BE 2 X 4 INCH (NOMINAL) STOCK. ALL UPRIGHTS SHALL BE SPACED AT NO MORE THAN 8 FEET ON CENTER. IF WOOD UPRIGHTS ARE USED, THE UPRIGHTS SHALL BE 2 X 4 INCHES (NOMINAL) STOCK.

WHEN THE SURFACE TO BE INSPECTED IS MORE THAN 15 FEET ABOVE THE GROUND OR WATER AND THE SCAFFOLDING IS SUPPORTED FROM THE STRUCTURE BEING PAINTED, THE CONTRACTOR SHALL PROVIDE THE INSPECTOR WITH A SAFETY BELT AND LIFELINE. THE LIFELINE SHALL NOT ALLOW A FALL GREATER THAN SIX FEET. THE CONTRACTOR SHALL PROVIDE A METHOD OF ATTACHING THE LIFELINE TO THE STRUCTURE INDEPENDENT OF THE SCAFFOLDING, CABLES, OR BRACKETS SUPPORTING THE SCAFFOLDING.

WHEN SCAFFOLDING IS MORE THAN 2-1/2 FEET ABOVE THE GROUND, THE CONTRACTOR SHALL PROVIDE A LADDER FOR ACCESS ONTO THE SCAFFOLDING. THE LADDER AND ANY EQUIPMENT USED TO ATTACH THE LADDER TO THE STRUCTURE SHALL BE CAPABLE OF SUPPORTING 250 POUNDS WITH A SAFETY FACTOR OF AT LEAST FOUR (4). ALL RUNGS, STEPS, CLEATS, OR TREADS SHALL HAVE UNIFORM SPACING AND SHALL NOT EXCEED 12 INCHES ON CENTER. AT LEAST ONE SIDE RAIL SHALL EXTEND AT LEAST 36 INCHES ABOVE THE LANDING NEAR THE TOP OF THE LADDER.

AN ADDITIONAL LANDING SHALL BE REQUIRED WHEN THE DISTANCE FROM THE LADDER TO THE POINT WHERE THE SCAFFOLDING MAY BE ACCESSED EXCEEDS 12 INCHES. THE LANDING SHALL BE A MINIMUM OF AT LEAST 24 INCHES WIDE AND 24 INCHES LONG. IT SHALL ALSO BE OF ADEQUATE SIZE AND SHAPE SO THAT THE DISTANCE FROM THE LANDING TO THE POINT WHERE THE SCAFFOLDING IS ACCESSED DOES NOT EXCEED 12 INCHES. THE LANDING SHALL BE RIGID AND FIRMLY ATTACHED TO THE LADDER; HOWEVER, IT SHALL NOT BE SUPPORTED BY THE LADDER. THE SCAFFOLDING SHALL BE CAPABLE OF SUPPORTING A MINIMUM OF 1,000 POUNDS.

IN ADDITION TO THE AFOREMENTIONED REQUIREMENTS, THE CONTRACTOR IS STILL RESPONSIBLE TO OBSERVE AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAW, ORDINANCES, REGULATIONS, ORDERS, AND DECREES.

THE CONTRACTORS SHALL FURNISH ALL NECESSARY TRAFFIC CONTROL TO PERMIT INSPECTION DURING AND AFTER ALL PHASES OF THE PROJECT.

PROTECTION OF PERSONS AND PROPERTY

THE CONTRACTOR SHALL COLLECT, REMOVE, AND DISPOSE OF ALL BUCKETS, RAGS, OR OTHER DISCARDED MATERIALS AND SHALL LEAVE THE JOB SITE IN A CLEAN CONDITION.

THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE STRUCTURE WHICH ARE NOT TO BE PAINTED AGAINST DAMAGE OR DISFIGUREMENT BY SPLASHES, SPATTERS, AND SMIRCHES OF PAINT.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN SUITABLE SHIELDS OR ENCLOSURES TO PREVENT DAMAGE TO ADJACENT BUILDINGS, PARKED CARS, TRUCKS, BOATS, OR VEHICLES TRAVELING ON, OVER, OR UNDER STRUCTURES BEING PAINTED. THEY SHALL BE SUITABLY ANCHORED AND REINFORCED TO PREVENT INTERFERING WITH NORMAL TRAFFIC OPERATIONS IN THE OPEN LANES. PAYMENT FOR THE SHIELDS SHALL BE INCLUDED AS INCIDENTAL TO THE APPLICABLE FIELD COATING OPERATION. WORK SHALL BE SUSPENDED WHEN DAMAGE TO ADJACENT BUILDINGS, MOTOR VEHICLES, BOATS, OR OTHER PROPERTY IS OCCURRING.

WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY IS DONE TO PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL RESTORE AT HIS OWN EXPENSE SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE.

POLLUTION CONTROL

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO COMPLY WITH POLLUTION CONTROL LAWS, RULES, OR REGULATIONS OF FEDERAL, STATE, OR LOCAL AGENCIES.

WORK LIMITATIONS

ABRASIVE BLASTING AND PAINTING DONE IN THE FIELD SHALL BE PERFORMED BETWEEN APRIL 15 AND OCTOBER 15. EVEN THOUGH THE CONTRACTOR IS PERMITTED TO WORK PRIOR TO MAY 1, APRIL IS CONSIDERED A WINTER MONTH AND NO EXTENSION DUE TO ADVERSE WEATHER CONDITIONS WILL BE GRANTED FOR THIS PERIOD. ADDITIONAL WORK LIMITATIONS ON SPECIFIC BRIDGES/PROJECTS MAY BE REQUIRED BY PLAN NOTE.

METHOD OF MEASUREMENT

THE METHOD OF MEASUREMENT SHALL BE ACCORDING TO THE PERTINENT OF 513, 514, AND 516 OF THE CURRENT CONSTRUCTIONS AND MATERIALS SPECIFICATIONS.

COLOR OF FINISH COAT

FINISH COAT SHALL MATCH FEDERAL COLOR STANDARD NO. 595B-15180 GLOSS (BLUE).

METHOD OF PAYMENT

THE AREA OF THE TOP OF THE TOP FLANGE WHICH SHALL RECEIVE THE PRIME COAT ONLY SHALL NOT BE INCLUDED IN THE MEASUREMENT FOR THE PAY ITEM.

THE COST OF THE ABOVE INCLUDING LABOR, MATERIAL, EQUIPMENT, AND INCIDENTALS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EACH ITEM AS LISTED BELOW.

PAYMENT FOR THIS ITEM SHALL INCLUDE ALL LABOR, SURFACE PREPARATION, MATERIALS, INSPECTION, AND EQUIPMENT TO SHOP APPLY A PRIME, INTERMEDIATE, AND FINISH PAINT COAT AT THE ITEM 863 STRUCTURAL STEEL FABRICATOR'S SHOP FACILITIES. ALSO INCLUDED IN THIS ITEM ARE ALL REQUIRED FIELD SITE SURFACE PREPARATION, CLEANING, PAINTING, AND/OR REPAIR OF DAMAGED SHOP PAINT CAUSED DURING SHIPPING, ERECTION OR CONSTRUCTION PROCEDURES.

THE COST OF THE SURFACE PREPARATION AND PRIME COAT TO THE TOP OF THE TOP FLANGE SHALL BE INCLUDED AS INCIDENTAL FOR PAYMENT UNDER SHOP PAINTING AND FIELD TOUCH-UP OF STRUCTURAL STEEL.

SHOP PAINTING PER 513.222 SHALL NOT BE INCLUDED WITH THE PRICE BID FOR STRUCTURAL STEEL BUT SHALL BE INCLUDED WITH ITEM SPECIAL, SHOP PAINTING AND FIELD TOUCH-UP OF STRUCTURAL STEEL FOR PAYMENT.

ITEM	UNIT	DESCRIPTION
SPECIAL	LB.	FIELD PAINTING, MISC.: SHOP PAINTING AND FIELD TOUCH-UP OF STRUCTURAL STEEL