



ADDENDUM NO. 2

Date: January 6, 2022

To: All Plan Holders

From: Jill McPeek, Capital Improvement Project Manager

Subject: **Retrofit of Swinging Bridge Over Arroyo Grande Creek, PW 2021-06**

Receipt of this Addendum must be acknowledged by writing “Addendum No. 2” on the outside of the bid envelope.

This addendum forms a part of the Contract Documents and modifies the original drawings and/or Special Provisions dated December 14, 2021, as noted herein. This addendum contains the following information:

1. Changes to Notice to Bidders, Special Provisions and Bid Book
2. Changes to Project Plans

1. CHANGES TO NOTICE TO BIDDERS, SPECIAL PROVISIONS, AND BID BOOK:

Add. Item	Page	Description of Change
1.01	iii (Notice to Bidders)	<p>PROJECT INFORMATION</p> <p>Add: Additive Alternate No. 1 includes the removal of existing wood members and replacing each component with new wood members. Additive Alternate No. 2 includes the removal of existing wood members and replacing each component with new wood members. The decking shall be composite material. Additive Alternate No. 3 includes painting new wood members.</p>
1.02	iii (Notice to Bidders)	<p>PROJECT INFORMATION</p> <p>Change: Contract time is established as 165 workingdays.</p> <p>To: Contract time is established as 165 working days <u>for the base bid. If awarded, either Additive Alternate No. 1 or No. 2 will add an additional 45 working days to the contract time. Additive Alternate No. 3 will add an additional 5 working days.</u></p>
1.03	iv (Notice to Bidders)	<p>AWARD</p> <p>Change: This is a Lump Sum bid award. The lowest bidder will be determined using the BID TOTAL. The schedule of values must be completed at the time of bid or the bid will be considered "non-responsive".</p>

Add. Item	Page	Description of Change
		<p>To: This is a Lump Sum bid award. The lowest bidder will be determined using the <u>BASE BID. The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on additive or deductive items. However, the Bidders shall include prices for Bid Alternates No. 1, No. 2 and No. 3 as part of their bid.</u> The schedule of values must be completed at the time of bid or the bid will be considered "non-responsive".</p>
1.04	v (Notice to Bidders)	<p>AWARD</p> <p>Add: The City intends to award Additive Alternate Bid items in any order or quantity based on available funding and may reject all Additive Alternate Bid items.</p>
1.05	A thru B (Bid Book)	<p>BID ITEM LIST A revised Bid Item List has been prepared incorporating changes from this Addendum. Submit this version as your bid.</p> <p>Replace entire:</p> <p style="text-align: center;">BID ITEM LIST FOR THE RETROFIT OF SWINGING BRIDGE OVER ARROYO GRANDE CREEK SPECIFICATION NO. PW 2021-06</p> <p>With: Revised Bid Item List, attached to this Addendum.</p>
1.06	H thru J (Bid Book)	<p>QUALIFICATIONS</p> <p>Clarification: Descriptions can be expanded below/outside of the "Describe the services provided and how this project is similar to that which is being bid:" box if additional room is needed.</p>
1.07	10 (Appendices)	<p>ARTICLE VI. Time for Completion</p> <p>Change: The entire Project shall be completed within 165 working days.</p> <p>To: The entire Project shall be completed within 165 working days <u>for the base bid. If awarded, either Additive Alternate No. 1 or No. 2 will add an additional 45 working days to the contract time. Additive Alternate No. 3 will add an additional 5 working days.</u></p>

2. CHANGES TO PROJECT PLANS:

Add. Item	Sheet	Description of Change
2.01	S8/15	<p>CABLE LAYOUT Dimension in SW quadrant should be 47'-1" to be consistent with Sheet S5.</p> <p>Change: 41'-1"±</p> <p>To: 47'-1"±</p>
2.02	Various	<p>ADDITIVE ALTERNATE NO. 1 Add the following to the Project Plans for Additive Alternative No. 1:</p> <p>Add:</p> <ol style="list-style-type: none"> Scope of work to include the removal of existing wood members and replacing each component with new wood members. New lumber shall be pressure treated Douglas Fir No. 1. Treatment shall comply with American Wood Protection Association (AWPA) Standard U1, and Use Category UC3B. Refer to Drawing X1 attached to this Addendum. Existing South Ramp, posts and rails shall be replaced in kind. Refer to As-Built Plans prepared by Fred H. Schott and Associates for wood details, connection details and material specifications. Remove and reinstall steel plates, bolts, angles, channels, stringer splice, and chain link fabric as required for the installation of the new wood members. Provide new wood screws for screwed wood connections. Remove and replace cable hangers at each floor beam concurrently with the installation of each floor beam. Wood removed from structure is treated wood waste. Comply with 2018 Caltrans Standard Specifications Section 14-11.14A. Contractor must submit a demolition and erection plan for approval which includes provision for maintaining the existing cable profile when the floor beam is removed.

Add. Item	Sheet	Description of Change
2.03	Various	<p>ADDITIVE ALTERNATE NO. 2 Add the following to the Project Plans for Additive Alternative No. 2:</p> <p>Add:</p> <ol style="list-style-type: none"> 1. Scope of work to include the removal of existing wood members and replacing each component with new wood members. New lumber shall be pressure treated Douglas Fir No. 1. Treatment shall comply with American Wood Protection Association (AWPA) Standard U1, and Use Category UC3B. The decking shall be TimberTech AZEK Harvest Collection Max Deck Boards (1.5" x 5.5") or approved equal. Refer to Drawings X2 and X3 attached to this Addendum. 2. Existing South Ramp, posts and rails shall be replaced in kind. 3. Refer to As-Built Plans prepared by Fred H. Schott and Associates for wood details, connection details and material specifications. 4. Remove and reinstall steel plates, bolts, angles, channels, stringer splice, and chain link fabric as required for the installation of the new wood members. 5. Provide new wood screws for screwed wood connections. 6. Remove and replace cable hangers at each floor beam concurrently with the installation of each floor beam. 7. Wood removed from structure is treated wood waste. Comply with 2018 Caltrans Standard Specifications Section 14-11.14A. 8. Contractor must submit a demolition and erection plan for approval which includes provision for maintaining the existing cable profile when the floor beam is removed.
2.04	Various	<p>ADDITIVE ALTERNATE NO. 3 Add the following to the Project Plans for Additive Alternative No. 3:</p> <p>Add:</p> <ol style="list-style-type: none"> 1. Paint new wood members. Refer to Exterior Painting specification attached to this Addendum.

Please contact Jill McPeek at (805) 473-5444, jmcpeek@arroyogrande.org, if you have any questions.

BID BOOK – ADDENDUM NO. 2

BID ITEM LIST FOR
 RETROFIT OF SWINGING BRIDGE OVER ARROYO GRANDE CREEK
 SPECIFICATION NO. PW 2021-06

Item No.	Item Description	Unit of Measure	Estimated Quantity	Item Price (in figures)	Total (in figures)
BASE BID					
1	Bridge Retrofit	LS	1		
Base Bid Total				\$	
The Bidder shall break down the lump sum price per the following Schedule of Values for the Base Bid : Prices listed below shall total the lump sum price above.					
1.	Mobilization			\$ _____	
2.	Remove existing wind cables and helical anchors and install new wind cables and helical anchors			\$ _____	
3.	Install new CIDH piles and pile cap to reinforce existing abutments			\$ _____	
4.	Remove existing rod hangers and replace with new cable/chain hangers, remove 2x4 braces and adjust bridge profile			\$ _____	
5.	Clean and paint existing and new steel at towers and dispose of lead paint			\$ _____	
6.	Install new backspan cables at each tower at each abutment and install new helical anchors at ends			\$ _____	
7.	Remove and replace existing planters to permit installation of new backspan cables and helical anchors at Abutment 1			\$ _____	
8.	Remove and replace existing landscaping, decorative hardscape, curb and gutter, and AC paving to permit installation of new backspan cables and helical anchors at Abutment 2			\$ _____	
9.	Install missing bolts at existing wood connections of suspension bridge, trim posts, reinforce posts, provide new 2x4 braces and tighten all existing bolts. Install deck screws at existing wood deck. Guardrail modifications.			\$ _____	
10.	Miscellaneous work such as: pedestrian detour signing, temporary construction fencing for work area, Temporary silt fence, permit compliance			INCLUDED	
11.	All other work shown on the plans, and other work required to complete the work listed in the schedule of values			INCLUDED	

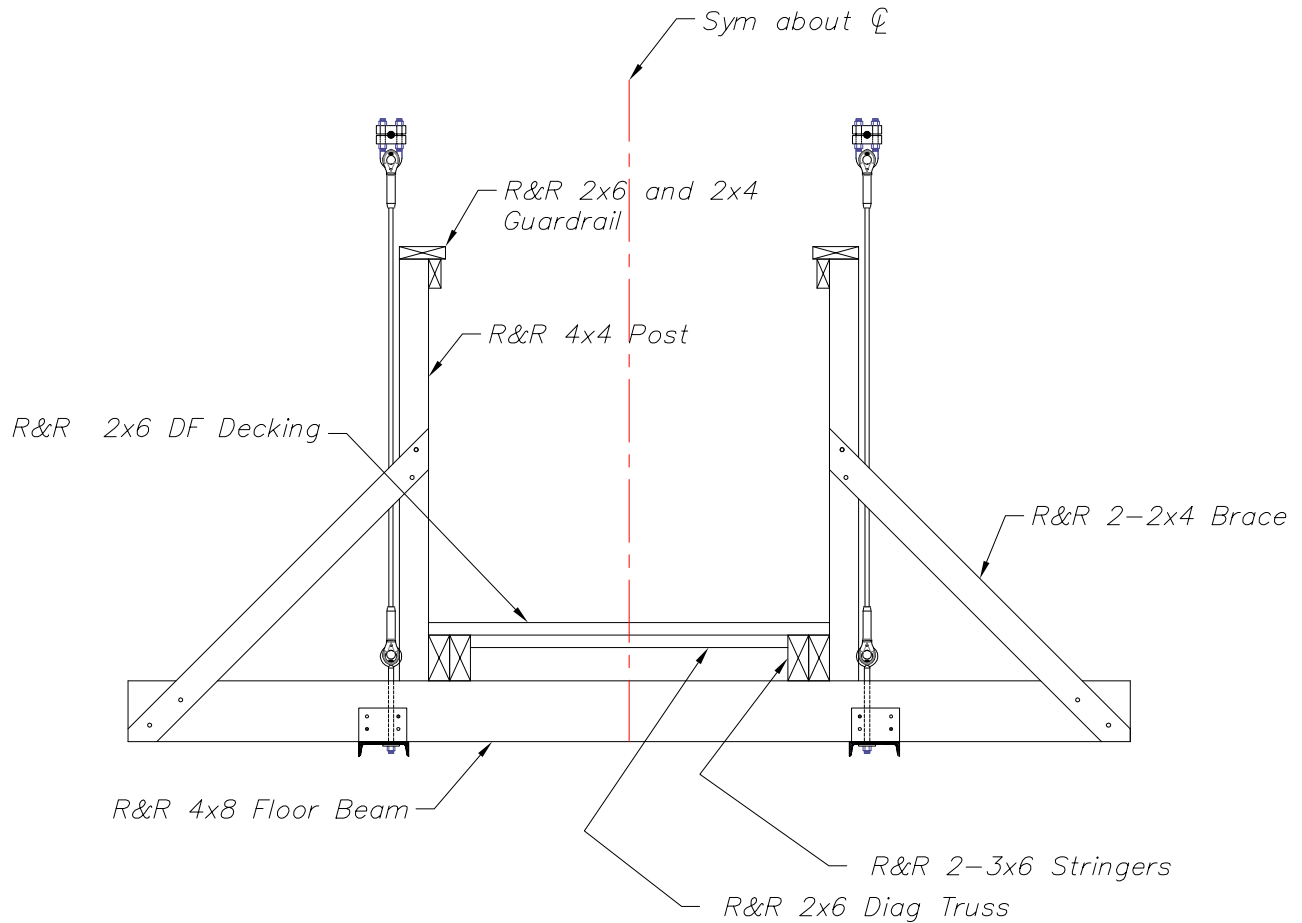
Item No.	Item Description	Unit of Measure	Estimated Quantity	Item Price (in figures)	Total (in figures)
ADDITIVE ALTERNATE NO. 1					
ADD-1	Removal of Existing Wood Members and Replacing Each Component With New Wood Members	LS	1		
Additive Alternate No. 1 Bid Total				\$	

ADDITIVE ALTERNATE NO. 2					
ADD-2	Removal of Existing Wood Members and Replacing Each Component With New Wood Members. The decking shall be composite material.	LS	1		
Additive Alternate No. 2 Bid Total				\$	

ADDITIVE ALTERNATE NO. 3					
ADD-3	Paint New Wood Members	LS	1		
Additive Alternate No. 3 Bid Total				\$	

BID SUMMARY

BASE BID	\$
ADDITIVE ALTERNATE NO. 1	\$
ADDITIVE ALTERNATE NO. 2	\$
ADDITIVE ALTERNATE NO. 3	\$
TOTAL PROJECT BID = (Base Bid + Alternate Bids)	\$
TOTAL PROJECT BID IN WORDS	
Company Name:	

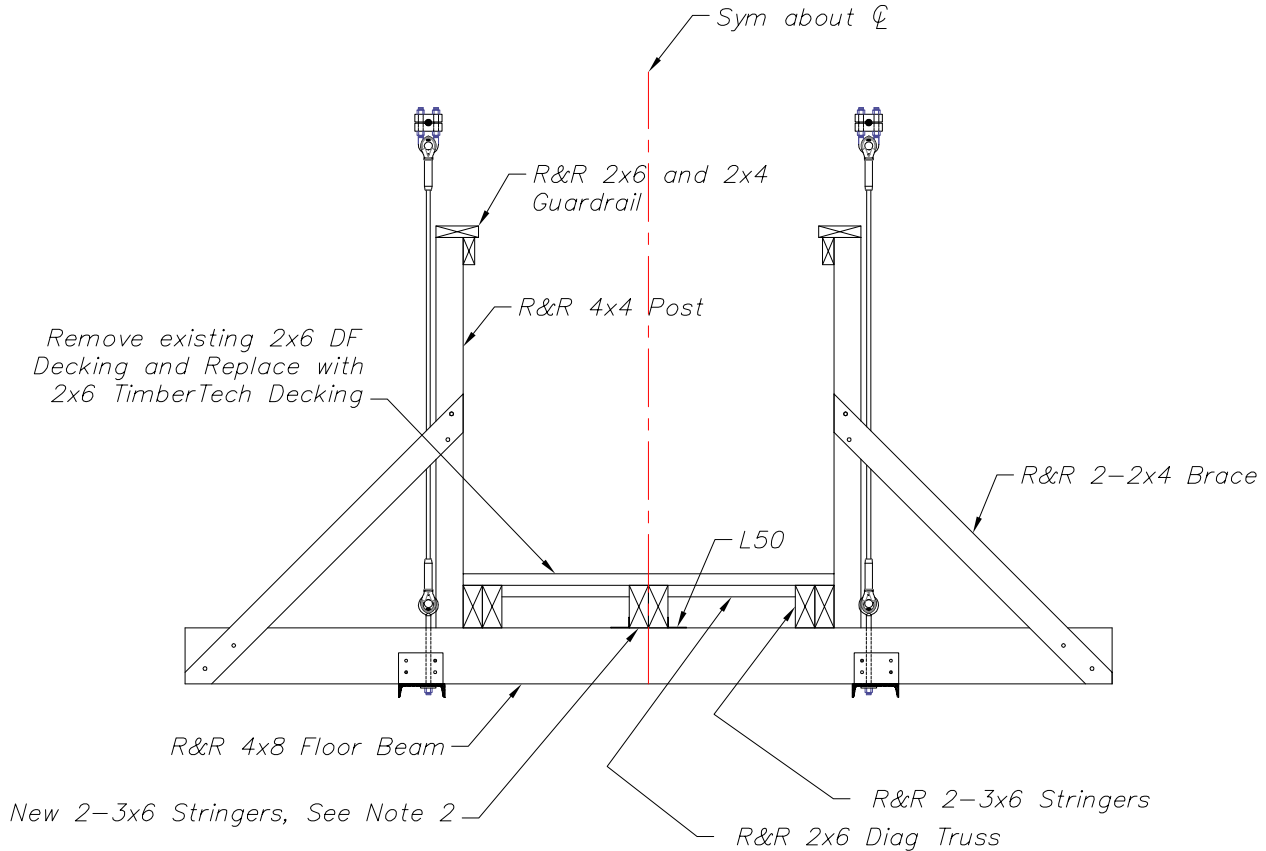


1
 X1

 Typical Section
Additive Alternative No. 1

Notes:

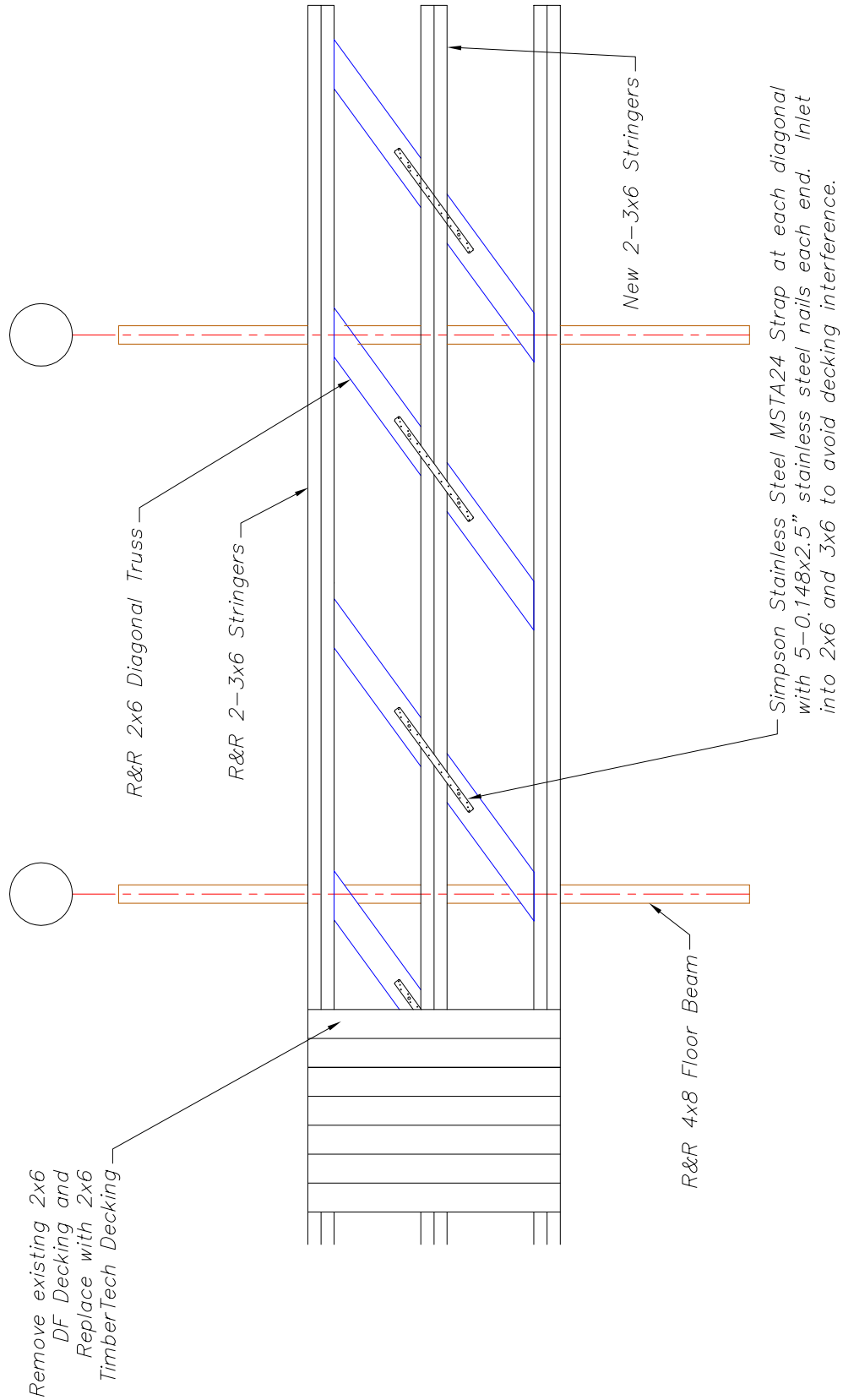
1. *R&R = Remove Existing Member and Replace with New Wood Member*
2. *New lumber shall be pressure treated DF No. 1. Treatment shall comply with AWP A U1, Use Category UC3B.*



1 **Typical Section**
X2 Additive Alternative No. 2

Notes:

1. R&R = Remove Existing Member and Replace with New Wood Member
2. New Center Stringer Installation:
 - a. Refer to As-Built Plans Details C/S2 and G/S2.
 - b. Connect stringer to abutments per As-Built Detail H/S2 as modified by Project Plan Detail 2/S7.
 - c. Provide Simpson L30 or approved equal to connect each 3x6 to 4x8 Floor Beam using 4-0.148x1.50" stainless steel nails.
3. TimberTech decking shall be Azek Harvest Collection Max Deck Boards (1.5"x5.5") or approved equal. Provide #10x3" stainless steel deck screws to each 3x6. In addition provide fasteners as noted in As-Built Details C & D/S2.
4. New lumber shall be pressure treated DF No. 1. Treatment shall comply with AWP A U1, Use Category UC3B.



1 Typ Horiz Truss Layout

X3

EXTERIOR PAINTING

PART 1 - GENERAL

1.1 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

- 1. Paint: 2 gallons of each material and color applied.

1.2 QUALITY ASSURANCE

- A. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

- 1. Engineer will select one surface to represent surfaces and conditions for application of each paint system specified in Part 3.

- a. Provide samples of at least 4 sq. ft

- 2. Final approval of color selections will be based on mockups.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Sherwin-Williams Company (The); or comparable product.

2.2 PAINT, GENERAL

- A. Material Compatibility:

- 1. Provide materials for use within each paint system that are compatible with one another, and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 - 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

- B. VOC Content: For field applications, provide paints and coatings that complies with VOC content limits of authorities having jurisdiction.

- C. Colors: Match existing painted wood.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers. Where acceptability of substrate conditions is in question, apply samples and perform in-situ testing to verify compatibility, adhesion, and film integrity of new paint application.
 - 1. Report, in writing, conditions that may affect application, appearance, or performance of paint.
- B. Substrate Conditions:
 - 1. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 - a. Wood: 15 percent.
- C. Proceed with coating application only after unsatisfactory conditions have been corrected; application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates and paint systems indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.
- C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, and grease.
- D. Wood Substrates:
 - 1. Scrape and clean knots. Before applying primer, apply coat of knot sealer recommended in writing by topcoat manufacturer for exterior use in paint system indicated.
 - 2. Sand surfaces that will be exposed to view, and dust off.
 - 3. Prime edges, ends, faces, undersides, and backsides of wood.
 - 4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.

3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions and recommendations in "MPI Manual."
 - 1. Use applicators and techniques suited for paint and substrate indicated.
- B. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- C. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.
- D. Apply paint to new wood members except the wood or plastic decking.

3.4 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Engineer, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.5 EXTERIOR PAINTING SCHEDULE

- A. Wood Substrates: Apply to all surfaces of new wood surfaces except the decking as noted below.
 - 1. Latex System:
 - a. Prime Coat: Primer, latex for exterior wood.
 - 1) S-W Exterior Latex Primer, B42, at 4.0 mils (0.102 mm) wet, 1.4 mils (0.036 mm) dry, per coat.
 - b. Intermediate Coat: Latex, exterior, matching topcoat.
 - c. Topcoat: Latex, exterior, flat:
 - 1) S-W A-100 Exterior Latex Flat, A6 Series, at 4.0 mils (0.102 mm) wet, 1.2 mils (0.030 mm) dry, per coat. Apply only to exposed surfaces.