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ENGINEERING INSTRUCTION

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

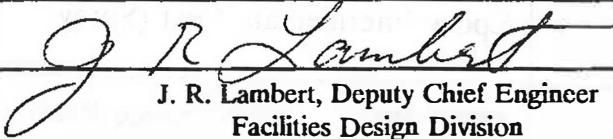
SUBJECT: BRIDGE PAINTING SPECIFICATIONS

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APPROVED:


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Attached are addenda to the Standard Specifications and new specifications for painting existing bridge structures. The major changes include:

- updating the visual reference to the current SSPC pictorial standard, SSPC-VIS 1-89, "Visual Standard for Abrasive Blast Cleaning".
- defining the acceptance of Category I surfaces, cleaned by commercial blast methods (SSPC-SP6), on a project prepared standard. The project standard will be developed on-site from the SSPC-Vis 1-89 visual standards, and will more accurately define cleaned surfaces that appear differently from the photographic standards due to variations in initial surface conditions, abrasive being used, etc.
- deleting reference to the SSPC-Vis 1-89 visual standards for the acceptance of surfaces cleaned by brush-off blasting (SSPC-SP7). The cleaning work performed under SSPC-SP7 normally consists of removing dirt and debris from intact paint (Category II surface) and the pictorial standards do not apply.

The new specifications for painting include a requirement for the contractor to protect the surrounding areas from damage due to paint spills, drift, and spatter during paint application work. Also, the requirement for dry film magnetic gages has been revised to eliminate reference to the proprietary gage, "Positector".

The attached addenda and specifications are effective immediately and will be included with the letting of December 2, 1993. These requirements may be substituted for on-going work at no change in cost.

The new specification items replace the following listed items:

NEW ITEM	REPLACES ITEM
18570.8611 Maintenance Cleaning and Epoxy Priming	18570.8601 Maintenance Cleaning and Epoxy Priming

NEW ITEM	REPLACES ITEM
18570.8612 Maintenance Cleaning and Epoxy Priming (Spray Prohibited)	18570.8602 Maintenance Cleaning and Epoxy Priming (Spray Prohibited)
18570.8613 Maintenance Painting Epoxy Intermediate Coat	18570.8603 Maintenance Painting Epoxy Intermediate Coat
18570.8614 Maintenance Painting Epoxy Intermediate Coat (Spray Prohibited).	18570.8604 Maintenance Painting Epoxy Intermediate Coat (Spray Prohibited).
18570.8615 Maintenance Painting Urethane Finish Coat	18570.8605 Maintenance Painting Urethane Finish Coat
18570.8616 Maintenance Painting Urethane Finish Coat (Spray Prohibited)	18570.8606 Maintenance Painting Urethane Finish Coat (Spray Prohibited)

Designers should note that there are two items for each phase of the bridge painting work; cleaning and priming, the application of the intermediate paint, and the application of the finish paint. The two items are identical, except that one item allows spray painting and the other disallows spray paint application.

Designers are responsible for determining the permissibility of spray painting and incorporating the appropriate items in the contract. For painting any single bridge, specifications that allow spray painting may not be combined with specifications that prohibit spray painting.

ADDENDUM TO STANDARD SPECIFICATIONS

Page 5-89

Under §570-3.02 Maintenance Cleaning and Priming of Structural Steel, **revise** the last paragraph under sub-section B. to read as follows:

"To remain in place paint must be tightly adhered to Category II (brush-blasted) surfaces after cleaning operations are completed. Tightly adhered paint is defined as paint which cannot be removed by lifting with a dull putty knife. If the Engineer determines that paint remaining on the steel surface after cleaning is not tightly adhered, then that paint shall be removed in accordance with the cleaning requirements for Category I surfaces, until tight paint is reached."

Page 7-213

Under Surface Preparation, A. General, **revise** the first paragraph to read as follows:

"**A. General.** All metal surfaces and welds to be painted shall be thoroughly cleaned of rust, millscale, slag, dirt, oil or grease and other foreign substances to the degree specified. All cleaned steel surfaces shall be inspected by and approved by the Engineer prior to the application of paint. Surfaces which do not meet these specification requirements shall be cleaned again at the Contractor's expense."

Page 7-213

Under Surface Preparation, E. Brush-Off Blast Cleaning, **delete** the third paragraph in its entirety. **Substitute** the following paragraph:

"SSPC-Vis 1-89 or other visual pictorial standards of surface preparation will not be specified to supplement the SSPC-SP7 written definition of surface cleanliness"

Page 7-213

Under Surface Preparation, **delete** subsection F. Commercial Blast Cleaning in its entirety. **Substitute** the following subsection:

"**F. Commercial Blast Cleaning.** For the removal of all dirt, grease, rust scale, foreign material and mill scale, rust, old paint and slag to the extent that staining is limited to light shadows, slight steaks, or minor discolorations caused by stains of rust, stains of millscale, or stains of previously applied paint.

Commercial blast cleaning shall be performed in accordance with SSPC - SP6, No.6, Commercial Blast Cleaning. After blasting operations are completed, all surfaces shall be cleaned of blasting products and other residue by the use of compressed air or vacuumed.

The surface, after cleaning, shall be accepted by visual comparison to a project prepared standard. The contractor shall prepare the project standard by blast cleaning a representative area on the structure that is being prepared for painting. The prepared standard shall generally conform to SSPC-Vis 1-89, "Visual Standard for Abrasive Blast Cleaned Steel", Pictorial Standard B SP 6, C SP 6, and D SP 6, as applicable, and shall be approved by the Engineer before the start of general cleaning work.

At least one standard shall be prepared for each structure that is being specified for cleaning. More than one standard may be necessary if the cleaned steel differs significantly from the photographic standards due to surface conditions, abrasive being used, etc. Each standard shall be at least 2' x 2' in size, and shall be located on an area of the structure that is accessible to, and approved by the Engineer.

The contractor shall protect the project standard from corrosion and contamination throughout the duration of work. Protection shall be provided by applying a clear coat of polyurethane, or other means. At the completion of cleaning work the project standard shall be re-cleaned and painted accordance with the contract documents. If in the opinion of the Engineer the project standard becomes deteriorated, or otherwise ineffective, it shall be re-established in accordance with this specification, at no additional cost."

Page 7-213

Under Surface Preparation, G. Final Preparation, delete the second paragraph. Substitute the following paragraph:

"In the case of rolled or fabricated steel being prepared for installation on Department contracts, only surfaces which generally conform to pictorial standards B SP 6 and C SP 6 will be acceptable."

Page 7-215

Under Painting, A. General, delete the last sentence that reads:

"Payment for this service will be made under the item Environmental Ground Protection, Environmental Water Protection or Basic Maintenance and Protection of Traffic as applicable."

Page 7-218

Under C. Brush-Off (SSPC-SP7) and Commercial Blast Cleaning (SSPC-SP6), revise the second paragraph to read as follows:

"On surfaces cleaned to bare metal (Category I) the perimeter(s) or edge(s) of adjoining intact paint shall be feathered back and the adjoining paint must be tightly adhered. Ragged edges on adjoining paint will not be allowed. Adherence will only be considered satisfactory if the adjoining remaining paint is smoothly feathered back and cannot be removed by lifting with a dull putty knife."

ITEM 18570.8611
ITEM 18570.8612

MAINTENANCE CLEANING AND EPOXY PRIMING
MAINTENANCE CLEANING AND EPOXY PRIMING (SPRAY PROHIBITED)

DESCRIPTION

This work shall consist of cleaning and priming in-service structural steel surfaces where indicated by the Contract documents or where ordered by the Engineer.

MATERIAL

1. Primer and Thinner. Paint and thinner shall be selected from the Department's Approved List, "PAINTS FOR STRUCTURAL STEEL, A. PRIMER PAINT AND THINNERS." No substitutions will be allowed.

All primer and other coats of paint used on any one structure shall be produced by the same manufacturer. Each single paint coat shall be a color different from the others.

2. Abrasive for Blast Cleaning. Abrasive material for blast cleaning shall be selected by the contractor. Silica sand and other types of non-metallic abrasive containing more than 1.0% free silica, by weight, will not be allowed.

3. Basis of Acceptance.

Acceptance of primer paint and thinner materials will be based on the appearance of the manufacturer's name, and the product name, on the Department's Approved List.

Abrasive material for blast cleaning will be approved by the Engineer.

Only primer and thinner arriving at the work site in new, unopened containers shall be used.

Containers of paint shall be labeled with the manufacturer's name, product name, component part, batch number, date of manufacture and shelf life date. Paint in containers having expired shelf life dates shall be immediately removed from the work site and not used.

Containers of thinner shall be labeled with the manufacturer's name and the product name. If an approved generic thinner is supplied it shall be clearly identified as reagent grade.

ITEM 18570.8611
ITEM 18570.8612

MAINTENANCE CLEANING AND EPOXY PRIMING
MAINTENANCE CLEANING AND EPOXY PRIMING (SPRAY PROHIBITED)

CONSTRUCTION DETAILS

The requirements of Standard Specification §570-3.02 shall apply with the following modifications:

1. Manufacturers Instructions. At least 5 working days prior to the start of work the Contractor shall provide the Engineer with one copy of the paint manufacturer's current technical data sheets for the primer furnished. Instructions, suggestions and precautions contained in the data sheets shall be followed to the extent that they do not contradict the provisions of this specification.
2. Atmospheric Conditions. No work, surface preparation (cleaning) or paint application shall be performed unless all the following conditions are met:
 - a. The receiving surface shall be clean and absolutely dry.
 - b. The receiving surface temperature and ambient air temperature shall be as recommended by the paint manufacturer, except that in no case shall cleaning or painting work be performed when surface and ambient temperatures are less than 40°F or greater than 100°F.
 - c. The temperature of the paint shall be as recommended by the paint manufacturer, except that in no case shall paint be applied when the paint material temperature is less than 40°F.
 - d. The receiving surface temperature shall be at least 5°F above the dew point.
 - e. The relative humidity shall be less than 85%.
3. Mixing. Paint shall be proportioned and thoroughly mixed with mechanical mixers in accordance with the paint manufacturer's recommendations.
4. Thinning. Primer may be thinned only if recommended by the manufacturer, done in strict compliance with the manufacturer's instructions, approved by the Engineer and mixed in the presence of the Engineer.

ITEM 18570.8611
ITEM 18570.8612

MAINTENANCE CLEANING AND EPOXY PRIMING
MAINTENANCE CLEANING AND EPOXY PRIMING (SPRAY PROHIBITED)

5. Paint Application. Paint may be applied using brush, roller or spray methods, unless spray painting is prohibited by the Contract Documents.

When spray painting is prohibited paint shall be applied using brushes or rollers only.

Complete protection from paint spatter, spillage, overspray, wind blown paint, or similar releases of paint shall be provided. Covers, tarps, mesh, and similar materials shall be placed around the work area to protect public and private property, pedestrian, vehicular, marine or other traffic, all portions of the bridge, highway appurtenances, waterways, and similar surrounding areas and property, upon, beneath, or adjacent to the structure.

6. Film Thickness. Primer shall be applied in sufficient quantity so as to produce a minimum dry film thickness of 4.0 mils.

The dry film thickness shall be determined in accordance with SSPC-PA2, Paint Application Specification No. 2 - Measurement of Dry Film Thickness with Magnetic Gages, using Type 2 fixed probe magnetic gages, equipped with a digital readout display. The Contractor shall supply all the equipment required by Standard Specification §740-01 as well as two fixed probe magnetic gages. No work shall be done until the required equipment is supplied.

7. Recoating and Overcoating. Areas failing to meet the specified minimum dry film thickness shall be overcoated with the same type of primer to produce at least the total dry film thickness required. Primer applied containing unauthorized thinners, primer applied to contaminated surfaces, and primer applied contrary to this specification shall result in the recleaning and repriming of the surface. The work of recleaning, repainting or over-coating, if required, shall be done by the Contractor to the satisfaction of the Engineer at no additional cost to the State. Primer used for recoating and overcoating shall be tinted to slightly color contrast with the underlying coating.

8. Schedule. Primer shall be applied within the same day as the cleaning operations and before flash rusting occurs to the cleaned surface. Failure to apply primer in accordance with this schedule shall result in recleaning the surface in accordance with this specification, at no additional cost to the State.

ITEM 18570.8611 MAINTENANCE CLEANING AND EPOXY PRIMING
 ITEM 18570.8612 MAINTENANCE CLEANING AND EPOXY PRIMING (SPRAY PROHIBITED)

9. Material Storage. Primer in storage shall be protected from damage and maintained between 40°F and 90°F. Primer not used before the expiration date shown on the containers shall be immediately removed from the project site.

METHOD OF MEASUREMENT

Payment shall be made at the lump sum price bid.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of all labor, materials and equipment necessary to complete the work. The cost of providing protection against damage during paint application shall be included in the price bid. Payment for the containment of dust and paint waste generated by blast cleaning work will be paid for under other items. Progress payments will be made based on the percentage of the structure cleaned and primed in accordance with this specification. The percentage shall be computed as the ratio of the length of structure cleaned and primed to the total length of structure.

Payment will be made under:

<u>Item No</u>	<u>Item</u>	<u>Pay Unit</u>
18570.8611nn	Maintenance Cleaning and Epoxy Priming	Lump Sum (for each Structure)
18570.8612nn	Maintenance Cleaning and Epoxy Priming (Spray Prohibited)	Lump Sum (for each Structure)

Note: nn denotes serialized pay item. See §101-53.

ITEM 18570.8613 - MAINTENANCE PAINTING EPOXY INTERMEDIATE COAT
ITEM 18570.8614 - MAINTENANCE PAINTING EPOXY INTERMEDIATE COAT (SPRAY PROHIBITED)

DESCRIPTION

This work shall consist of painting one full coat of intermediate paint to all in-service steel where indicated by the Contract documents and which has been previously cleaned and painted the primer coat.

MATERIAL

1. Paint and Thinner. Intermediate paint and thinner shall be selected from the Department's Approved List, "PAINTS FOR STRUCTURAL STEEL, B. INTERMEDIATE PAINT AND THINNERS." No substitutions will be allowed.

All intermediate and other coats of paint used on any one structure shall be produced by the same manufacturer. Each single paint coat shall be a color different from the others.

2. Basis of Acceptance.

Acceptance of intermediate paint and thinner material will be based on the appearance of the manufacturer's name, and the product name, on the Department's Approved List.

Only intermediate paint and thinner arriving at the work site in new, unopened containers shall be used.

Containers of paint shall be labeled with the manufacturer's name, product name, component part, batch number, date of manufacture and shelf life date. Paint in containers having expired shelf life dates shall be immediately removed from the work site and not used.

Containers of thinner shall be labeled with the manufacturer's name and the product name. If an approved generic thinner is supplied it shall be clearly identified as reagent grade.

CONSTRUCTION DETAILS

The requirements of Standard Specification §570-3.03 shall apply with the following modifications:

1. Manufacturer's Instructions. At least 5 working days prior to the start of work,

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the Contractor shall provide the Engineer with one copy of the paint manufacturer's current technical data sheets for the paint furnished. Instructions, suggestions and precautions contained in the data sheets shall be followed to the extent that they do not contradict the provisions of this specification.

2. Atmospheric Conditions. No painting work shall be performed unless all the following conditions are met:
 - a. The receiving surface shall be clean and absolutely dry.
 - b. The receiving surface temperature and ambient air temperature shall be as recommended by the paint manufacturer, except that in no case shall cleaning or painting work be performed when surface and ambient temperatures are less than 40°F or greater than 100°F.
 - c. The temperature of the paint shall be as recommended by the paint manufacturer, except that in no case shall paint be applied when the paint material temperature is less than 40°F.
 - d. The receiving surface temperature shall be at least 5°F above the dew point.
 - e. The relative humidity shall be less than 85%.
3. Cleaning. At the time of paint application the receiving surface shall be free of all contaminants such as petroleum products, abrasive blasting aggregates and other debris generated by the cleaning operations, dirt, dust, bird excrements and moisture. Should an exudate haze form on the receiving surface it shall be washed off with mineral spirits or detergent and water. All cleaning required on the receiving surface to remove these or other contaminants shall be done to the satisfaction of the Engineer.
4. Mixing. Paint shall be proportioned and thoroughly mixed with mechanical mixers in accordance with the paint manufacturer's recommendations.
5. Thinning. Paint may be thinned only if recommended by the manufacturer, done in strict compliance with the manufacturer's instructions, approved by the Engineer and mixed in the presence of the Engineer.
6. Paint Application. Paint may be applied using roller, brush, or spray methods, unless spray painting is prohibited by the Contract Documents.

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ITEM 18570.8614 - MAINTENANCE PAINTING EPOXY INTERMEDIATE COAT (SPRAY PROHIBITED)

When spray painting is prohibited paint shall be applied using brushes or rollers only.

Complete protection from paint spatter, spillage, overspray, wind blown paint, or similar releases of paint shall be provided. Covers, tarps, mesh, and similar materials shall be placed around the work area to protect public and private property, pedestrian, vehicle, marine or other traffic, all portions of the bridge, highway appurtenances, waterways, and similar surrounding areas and property, upon, beneath, or adjacent to the structure.

7. Film Thickness. Intermediate paint shall be applied in sufficient quantity so as to produce a minimum dry film thickness of 4.0 mils.

The dry film thickness shall be determined in accordance with SSPC-PA2, Paint Application Specification No. 2 - Measurement of Dry Film Thickness with Magnetic Gages, using Type 2 fixed probe magnetic gages, equipped with a digital readout display. The Contractor shall supply all the equipment required by Standard Specification §740-01, as well as two fixed probe magnetic gages. No work shall be done until the required equipment is supplied.

8. Recoating and Overcoating. Areas failing to meet the specified minimum dry film thickness shall be overcoated with the same type of intermediate paint to produce at least the total dry film thickness required. Paint applied containing unauthorized thinners, paint applied to contaminated surfaces, and paint applied contrary to this specification shall result in the recleaning and repainting the surface. The work of recleaning, repainting or overcoating, if required, shall be done by the Contractor to the satisfaction of the Engineer at no additional cost to the State.
9. Schedule. The intermediate paint shall be applied to the receiving surface within 30 days of the application of the previous coating (primer), or within the manufacturer's recommended schedule for recoating, whichever is less.
10. Material Storage. Paint in storage shall be protected from damage and maintained between 40°F and 90°F. Paint not used before the expiration date shown on the containers shall be immediately removed from the project site.

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ITEM 18570.8614 - MAINTENANCE PAINTING EPOXY INTERMEDIATE COAT (SPRAY PROHIBITED)

METHOD OF MEASUREMENT

Payment shall be made at the lump sum price bid.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of all labor, materials and equipment necessary to complete the work. The cost of providing protection against damage during paint application shall be included in the bid price. Progress payments will be made based on the percent of the structure painted the intermediate coat in accordance with this specification. The percentage will be computed as the ratio of the length of the structure to the total length of the structure painted under this item.

Payment will be made under:

<u>Item No</u>	<u>Item</u>	<u>Pay Unit</u>
1570.8613nn	Maintenance Painting Epoxy Intermediate Coat	Lump Sum (for each Structure)
18570.8614nn	Maintenance Painting Epoxy Intermediate Coat (Spray Prohibited)	Lump Sum (for each Structure)

Note: nn denotes serialized pay item. See §101-53

ITEM 18570.8615 - MAINTENANCE PAINTING URETHANE FINISH COAT
ITEM 18570.8616 - MAINTENANCE PAINTING URETHANE FINISH COAT (SPRAY PROHIBITED)

DESCRIPTION

This work shall consist of painting one full coat of finish paint to all in-service steel where indicated by the Contract documents, and which has been previously painted the intermediate coat.

MATERIAL

1. Paint and Thinner. Finish paint and thinner shall be selected from the Department's Approved List, "PAINTS FOR STRUCTURAL STEEL, C. FINISH PAINT AND THINNERS." No substitutions will be allowed.

All coats of paint used on any one structure shall be produced by the same manufacturer.

The color of the finish paint shall be as specified in the Contract Documents. If no color is specified the Regional Director shall designate the finish color.

2. Basis of Acceptance. Acceptance of finish paint and thinner material will be based on the appearance of the manufacturer's name, and the product name, on the Department's Approved List.

Only finish paint and thinner arriving at the work site in new, unopened containers shall be used.

Containers of paint shall be labeled with the manufacturer's name, product name, component part, batch number, date of manufacture and shelf life date. Paint in containers having expired shelf life dates shall be immediately removed from the work site and not used.

Containers of thinner shall be labeled with the manufacturer's name and the product name. If an approved generic thinner is supplied it shall be clearly identified as reagent grade.

CONSTRUCTION DETAILS

The requirements of Standard Specification Section 570-3.03 shall apply with the following modifications:

ITEM 18570.8615 - MAINTENANCE PAINTING URETHANE FINISH COAT
ITEM 18570.8616 - MAINTENANCE PAINTING URETHANE FINISH COAT (SPRAY PROHIBITED)

1. Manufacturer's Instructions. At least 5 working days prior to the start of work the Contractor shall provide the Engineer with one copy of the paint manufacturer's current technical data sheets for the paint furnished. Instructions, suggestions and precautions contained in the data sheets shall be followed to the extent that they do not contradict the provisions of this specification.
2. Atmospheric Conditions. No paint application shall be performed unless all the following conditions are met:
 - a. The receiving surface shall be clean and absolutely dry.
 - b. The receiving surface temperature and ambient air temperature shall be as recommended by the paint manufacturer, except that in no case shall painting work be performed when surface and ambient temperatures are less than 40°F or greater than 100°F.
 - c. The temperature of the paint shall be as recommended by the paint manufacturer, except that in no case shall paint be applied when the paint material temperature is less than 40°F.
 - d. The receiving surface temperature shall be at least 5°F above the dew point.
 - e. The relative humidity shall be less than 85%.
3. Cleaning. At the time of paint application the receiving surface shall be free of all contaminants such as petroleum products, abrasive blasting aggregates and other debris generated by the cleaning operations, dirt, dust, bird excrements and moisture. Should an exudate haze form on the receiving surface it shall be washed off with mineral spirits or detergent and water. All cleaning required on the receiving surface to remove these or other contaminants shall be done to the satisfaction of the Engineer.
4. Mixing. Paint shall be proportioned and thoroughly mixed with mechanical mixers in accordance with the paint manufacturer's recommendations.
5. Thinning. Paint may be thinned only if recommended by the manufacturer, done in strict compliance with the manufacturer's instructions, approved by the Engineer and mixed in the presence of the Engineer.

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ITEM 18570.8616 - MAINTENANCE PAINTING URETHANE FINISH COAT (SPRAY PROHIBITED)

6. Paint Application. Paint may be applied using brush, roller or spray methods, unless spray painting is prohibited by the Contract Documents.

When spray painting is prohibited paint shall be applied using brushes or rollers only.

Complete protection from paint spatter, spillage, overspray, wind blown paint, or similar releases of paint shall be provided. Covers, tarps, mesh, and similar materials shall be placed around the work area to protect public and private property, pedestrian, vehicle, marine or other traffic, all portions of the bridge, highway appurtenances, waterways, and similar surrounding areas and property, upon, beneath, or adjacent to the structure.

7. Film Thickness. Finish paint shall be applied in sufficient quantity so as to produce a minimum dry film thickness of 3.0 mils.

The dry film thickness shall be determined in accordance with SSPC-PA2, Paint Application Specification No. 2 - Measurement of Dry Film Thickness with Magnetic Gages, using Type 2 fixed probe magnetic gages, equipped with a digital readout display. Dry film thickness shall be measured by fixed probe magnetic gages. The Contractor shall supply all the equipment required by Standard Specification §740-01, as well as two fixed probe magnetic gages. No work shall be done until the required equipment is supplied.

8. Recoating and Overcoating. Areas failing to meet the specified minimum dry film thickness shall be overcoated with the same type of finish paint to produce at least the total dry film thickness required. Paint applied containing unauthorized thinners, paint applied to contaminated surfaces, and paint applied contrary to this specification shall result in the recleaning and repainting the surface. The work of recleaning, repainting or overcoating, if required, shall be done by the Contractor to the satisfaction of the Engineer at no additional cost to the State.
9. Schedule. The finish paint shall be applied to the receiving surface within 30 days of application of the previous coating or within the manufacturers recoat or topcoat schedule recommendation whichever is less.

10. Material Storage. Paint in storage shall be protected from damage and maintained between 40°F and 90°F. Paint not used before the expiration date shown on the containers shall be immediately removed from the project site.

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ITEM 18570.8616 - MAINTENANCE PAINTING URETHANE FINISH COAT (SPRAY PROHIBITED)

METHOD OF MEASUREMENT

Payment shall be made at the lump sum price bid.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of all labor, materials and equipment necessary to complete the work. The cost of providing protection against damage during paint application shall be included in the bid price. Progress payments will be made based on the percent of the structure painted the finish coat in accordance with this specification. The percentage will be computed as the ratio of the length of the structure to the total length of the structure painted under this item.

Payment will be made under:

<u>Item No</u>	<u>Item</u>	<u>Pay Unit</u>
18570.8615nn	Maintenance Painting Urethane Finish Coat	Lump Sum (for each Structure)
18570.8616nn	Maintenance Painting Urethane Finish Coat (Spray Prohibited)	Lump Sum (for each Structure)

Note: nn denotes serialized pay item. See §101-53.