

DATE: Friday, June 10, 2016
 CONTRACT: NJTA Contract T100.275
 STRUCTURE: I-78 N7.13 to N7.52 NJTA
 WORK AREA: South Structure (Eastbound) Pier 20-16, Girder(s) 1/2G9, G10, G11, G12

COATING REMOVAL OPERATIONS
 Abrasive Blasting Power-tool Cleaning
 Prime Stripe Coat Vacuuming/Recovery
 Prime Full Coat Containment Breakdown



SURFACE PREPARATION & PRIME COAT APPLICATION

DAILY CONTAINMENT INSPECTION DURING OPERATIONS

Time Measured	8:00 AM	NOON	4:00 PM	8:00 PM
Dry Bulb Measurements	63.4 °F	70.1 °F	75.4 °F	70.3 °F
Relative Humidity %RH	40 %RH	31 %RH	26 %RH	34 %RH
Dew Point Measurements	38 °F	38 °F	38 °F	40 °F
Ave. Surface Temperature	70.1 °F	70.9 °F	71 °F	71 °F
Sustained Winds < 20 MPH	YES	YES	YES	YES
Conditions Acceptable	YES	YES	YES	YES

Note: Only complete this section if abrasive blasting, power-tool or breaking down containment
 Observation of Negative Pressure: **From:** 9:00 AM **To:** 4:00 PM
 Airflow measurement device: Alnor Model RV Bacharach FloRite 500
 Dust collection equipment utilized: ECS P-40, Unit #001 ECS P-40, Unit #002

OBSERVED SURFACE CONDITIONS

CONTAINMENT & EQUIPMENT INSPECTION

Chlor*Test (C*S*N Salts) Performed: Yes, results below specified limits
 Pack rust present Yes No
 Moisture visible on steel Yes No
 Crevices, sharp edges or fins (if yes, will grind smooth pre-blast) Yes No
 Mill scale present Yes No
 Visible oil, grease or other surface contaminants (if yes, will perform SP 1) Yes No
 Weld splatter or burning slag (if yes, will grind smooth) Yes No
 Visual SSPC-SP 10: Condition B, Mill Scale and Rust, B SP 10

Rips or tears in the containment tarpaulins Yes No
 Overlap between two tarpaulins Yes No
 Make-up air louvers or baffles in good working order Yes No
 Cigarettes left at the hand wash station during the work day Yes No
 Whip checks/safety cables on all high pressure hoses/couplings Yes No
 Towels, warm water and soap available at the hand wash/decon Yes No
 Workers washing their face/hands before eating, smoking and/or drinking Yes No
 Dust collector in place and operational during painting removal activities Yes No
 Dust collector hoses in good working condition Yes No
 Visual emissions monitored daily per SSPC Method A Yes No
 Visual emissions/debris observed during blasting/cleanup operations Yes No
 If emissions/debris observed, what corrective action was taken? N/A Yes N/A
 Engineer notified of the emissions or debris coming out of the containment? Yes N/A

ABRASIVE CLEANLINESS

CONTAINMENT & VENTILATION COMPONENTS

Abrasive Utilized: Recycled Ferrous Metallic, Grit 40/50 Specification: SSPC AB-2

Specified containment guide SSPC Guide 6
 Specified containment classification SSPC Class 1A
 SSPC Guide 6 - 5.3.1, Containment materials A1 - Rigid
 SSPC Guide 6 - 5.3.2, Penetrability B1 - Air Impenetrable
 SSPC Guide 6 - 5.3.3, Support structure C1 - Rigid
 SSPC Guide 6 - 5.3.4, Joints D1 - Full Seal
 SSPC Guide 6 - 5.3.5, Entryway E1 - Airlock
 SSPC Guide 6 - 5.4.1, Air make-up F1 - Controlled
 SSPC Guide 6 - 5.4.2, Input air-flow G1 - Forced
 SSPC Guide 6 - 5.4.3, Air pressure H1 - Instrument Verification
 SSPC Guide 6 - 5.4.4, Air movement 60FPM Down/100FPM Cross
 SSPC Guide 6 - 5.4.5, Exhaust Dust Filtration J1 - Air Filtration

REQUIREMENTS FOR ABRASIVE CLEANLINESS

Complete Each Blast Shift: Is non-abrasive residue <1% by weight work mix? Yes No
 Complete Each Blast Shift: Is oil content present on surface or emulsion? Yes No
 Complete Each Blast Shift: (Water soluble contaminants) conductivity <1,000µS? Yes No
 Completed Weekly: Lead content < 0.1% by weight of mix? Yes No

SURFACE PREPARATION PERFORMED

TIME (START/FINISH): 9:00 AM 4:00 PM
 Low Pressure Water Cleaning/Spot Power-tool Cleaning SSPC SP-2/3
 Dry Abrasive Blasting to SSPC SP-10.NACE No. 2 (Near-White Metal Blast)
 Completed Compressed Air Cleanliness per ASTM D-4285 (for abrasive blasting only)
 Nozzle Pressure (Abrasive Blasting Only) 100 PSI to 105 PSI

PRIME COAT APPLICATION

TIME (START/FINISH): ***** Avg. Surface Profile 3.6
 Spot Application Only
 Stripe Prime Coat utilizing spray and brush before full coat Full Prime Coat Application
 Blowdown Complete Induction Time Complete Reduced
 Power-mixed Screened Gallons Mixed: ***** °F Coating
 Application: Airless Spray 0.017" Tip Size Color: Reddish Gray
BATCH MANUFACTURED EXPIRES
 Surface pH: Neutral, ok! A: *****
 Avg. WFT ***** B: *****
 Thinner Batch: ***** C: *****

VENTILATION VERIFICATION

Is the duct work plugged or clogged Yes No
 Worn or deteriorated duct work or fittings Yes No
 Excessive bending or angle in duct work Yes No
 Is the containment leaking Yes No
 Exhaust fan belt in poor condition Yes No
 Exhaust system filters in poor condition Yes No
 Joints poorly sealed Yes No

HOLD POINT INSPECTION PERFORMED

CARBON MONOXIDE (CO) MONITORING

1. Weather and site conditions
2. Pre-surface preparation, conditions and cleanliness
3. Monitoring surface preparation operation
4. Post surface preparation and cleanliness condition
5. Monitoring coating mixing and thinning activities
6. Monitoring coating application and WFT confirmation
7. Post coating application inspection and defect check
8. Post-cure/DFT measurements

In use when utilizing supplied air system? Yes, CO monitoring

Model: BBG-80	Serial No.: 11630	Reading(s):	#1 0	#2 0	#3 0
Model: BBG-50	Serial No.: 16630	Reading(s):	#1 0	#2 0	#3 0

See calibration and inspection records for additional information regarding monitors

Slawomir Slaby, Quality Control Technician
 Inspection Date: Jun 10, 2016

John P. Parianos, PCS, Quality Control Manager
 Review Date: Jun 10, 2016

DATE: Saturday, June 11, 2016

CONTRACT: NJTA Contract T100.275

STRUCTURE: I-78 N7.13 to N7.52 NJTA

WORK AREA: South Structure (Eastbound) Pier 20-16, Girder(s) 1/2G9, G10, G11, G12

COATING REMOVAL OPERATIONS

- Abasive Blasting, Prime Stripe Coat, Prime Full Coat, Power-tool Cleaning, Vacuuming/Recovery, Containment Breakdown



SURFACE PREPARATION & PRIME COAT APPLICATION

Table with 5 columns: Time Measured (8:00 AM, NOON, 4:00 PM, 8:00 PM) and rows for Dry Bulb Measurements, Relative Humidity %RH, Dew Point Measurements, Ave. Surface Temperature, Sustained Winds < 20 MPH, Conditions Acceptable.

OBSERVED SURFACE CONDITIONS

- Chlor*Test (C*S*N Salts) Performed: Yes, results below specified limits
Pack rust present: No
Moisture visible on steel: No
Crevices, sharp edges or fins (if yes, will grind smooth pre-blast): No
Mill scale present: No
Visible oil, grease or other surface contaminants (if yes, will perform SP 1): No
Weld splatter or burning slag (if yes, will grind smooth): No
Visual: SSPC-SP 10: Condition B, Mill Scale and Rust, B SP 10

ABRASIVE CLEANLINESS

Abrasive Utilized: Recycled Ferrous Metallic, Grit 40/50 Specification: SSPC AB-2

REQUIREMENTS FOR ABRASIVE CLEANLINESS

- Complete Each Blast Shift: Is non-abrasive residue <1% by weight work mix? Yes
Complete Each Blast Shift: Is oil content present on surface or emulsion? No
Complete Each Blast Shift: (Water soluble contaminants) conductivity <1,000µS? Yes
Completed Weekly: Lead content < 0.1% by weight of mix? Yes

SURFACE PREPARATION PERFORMED

- TIME (START/FINISH): 9:00 AM 4:00 PM
Low Pressure Water Cleaning/Spot Power-tool Cleaning SSPC SP-2/3: No
Dry Abrasive Blasting to SSPC SP-10.NACE No. 2 (Near-White Metal Blast): Yes
Completed Compressed Air Cleanliness per ASTM D-4285 (for abrasive blasting only): Yes
Nozzle Pressure (Abrasive Blasting Only) 100 PSI to 105 PSI

PRIME COAT APPLICATION

- TIME (START/FINISH): 4:00 PM 5:30 PM Avg. Surface Profile 3.6
Spot Application Only: No
Stripe Prime Coat utilizing spray and brush before full coat: Yes
Full Prime Coat Application: PPG Amercoat 68HS Organic Zinc-Rich Epoxy
Blowdown Complete: Yes
Induction Time Complete: Yes
Reduced: 2.5 pints/kit Amercoat 65
Power-mixed: Yes
Screened: Yes
Gallons Mixed: 60 75.2 °F Coating
Application: Airless Spray 0.017" Tip Size Color: Reddish Gray
BATCH MANUFACTURED EXPIRES
Surface pH: Neutral, ok! A: 9415590826 04/10/2014 04/10/2017
Avg. WFT 10.0 mils B: 9343527487 12/02/2013 12/02/2016
Thinner Batch: S603013 C: Z508009 08/11/2015 08/10/2017

HOLD POINT INSPECTION PERFORMED

- 1. Weather and site conditions
2. Pre-surface preparation, conditions and cleanliness
3. Monitoring surface preparation operation
4. Post surface preparation and cleanliness condition
5. Monitoring coating mixing and thinning activities
6. Monitoring coating application and WFT confirmation
7. Post coating application inspection and defect check
8. Post-cure/DFT measurements

DAILY CONTAINMENT INSPECTION DURING OPERATIONS

Note: Only complete this section if abrasive blasting, power-tool or breaking down containment

- Observation of Negative Pressure: From: 9:00 AM To: 4:00 PM
Airflow measurement device: Alnor Model RV
Dust collection equipment utilized: ECS P-40, Unit #001

CONTAINMENT & EQUIPMENT INSPECTION

- Rips or tears in the containment tarpaulins: No
Overlap between two tarpaulins: Yes
Make-up air louvers or baffles in good working order: Yes
Cigarettes left at the hand wash station during the work day: Yes
Whip checks/safety cables on all high pressure hoses/couplings: Yes
Towels, warm water and soap available at the hand wash/decon: Yes
Workers washing their face/hands before eating, smoking and/or drinking: Yes
Dust collector in place and operational during painting removal activities: Yes
Dust collector hoses in good working condition: Yes
Visual emissions monitored daily per SSPC Method A: Yes
Visual emissions/debris observed during blasting/cleanup operations: No
If emissions/debris observed, what corrective action was taken? N/A
Engineer notified of the emissions or debris coming out of the containment? Yes

CONTAINMENT & VENTILATION COMPONENTS

- Specified containment guide: SSPC Guide 6
Specified containment classification: SSPC Class 1A
SSPC Guide 6 - 5.3.1, Containment materials: A1 - Rigid
SSPC Guide 6 - 5.3.2, Penetrability: B1 - Air Impenetrable
SSPC Guide 6 - 5.3.3, Support structure: C1 - Rigid
SSPC Guide 6 - 5.3.4, Joints: D1 - Full Seal
SSPC Guide 6 - 5.3.5, Entryway: E1 - Airlock
SSPC Guide 6 - 5.4.1, Air make-up: F1 - Controlled
SSPC Guide 6 - 5.4.2, Input air-flow: G1 - Forced
SSPC Guide 6 - 5.4.3, Air pressure: H1 - Intrument Verification
SSPC Guide 6 - 5.4.4, Air movement: 60FPM Down/100FPM Cross
SSPC Guide 6 - 5.4.5, Exhaust Dust Filtration: J1 - Air Filtration

VENTILATION VERIFICATION

- Is the duct work plugged or clogged: No
Worn or deteriorated duct work or fittings: No
Excessive bending or angle in duct work: No
Is the containment leaking: No
Exhaust fan belt belt in poor condition: No
Exhaust system filters in poor condition: No
Joints poorly sealed: No

CARBON MONOXIDE (CO) MONITORING

In use when utilizing supplied air system? Yes, CO monitoring

Table with 2 rows: Model: BBG-80, Serial No.: 11630, Reading(s): #1 0 #2 0 #3 0; Model: BBG-50, Serial No.: 16630, Reading(s): #1 0 #2 0 #3 0

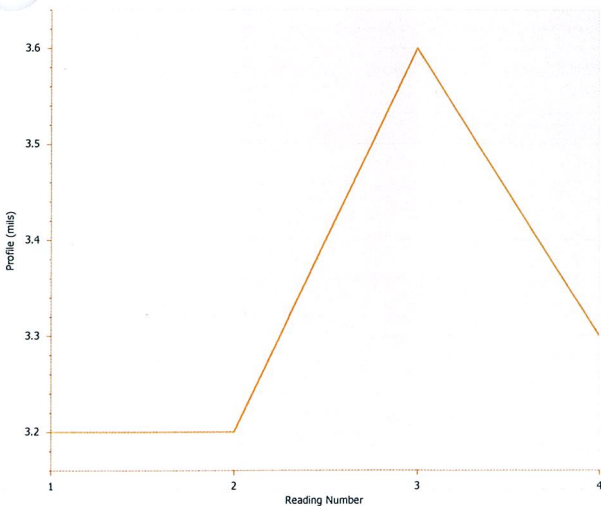
See calibration and inspection records for additional information regarding monitors

Slawomir Slaby, Inspection Date: Jun 11, 2016, Quality Control Technician

John P. Parianos, Review Date: Jun 11, 2016, Quality Control Manager

SURFACE PROFILE REPORT

Individuals / Run Chart



Project: NJ Turnpike Contract T100.275

Owner: NJ Turnpike Authority

Structure: N7.13-N7.52 (I-78) Hudson County Turnpike Ext

Inspection Date: June 11th, 2016

Gauge Details:

Gauge Type	Elcometer 224/2
Gauge Serial #	NH03890
Calibration Method	Zero

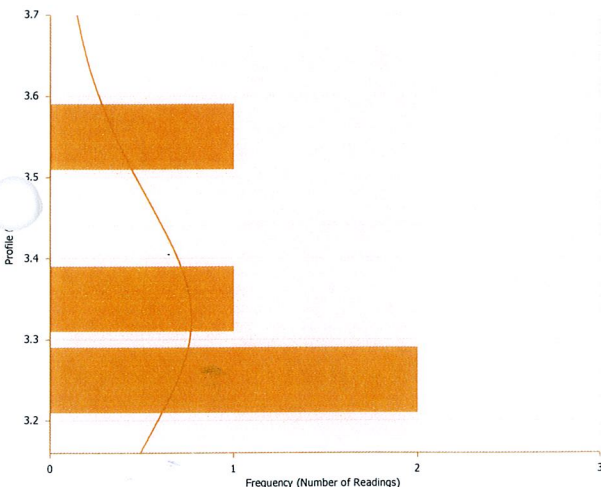
Measurement Details:

# Readings	4
Mean	3.325 mils
Minimum	3.20 mils
Maximum	3.60 mils
Standard Deviation (σ)	0.189 mils
Mean + 3 σ	3.893 mils
Mean - 3 σ	2.757 mils

Limit Details:

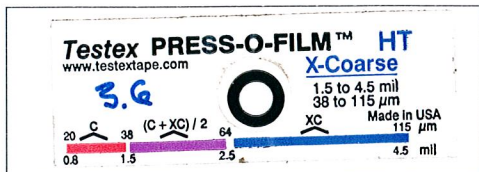
High Limit	4.50 mils
Low Limit	2.00 mils
Nominal	-
# Readings > High Limit	0 (0.0%)
# Readings < Low Limit	0 (0.0%)

Histogram

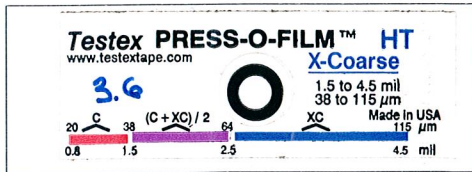


Verification:

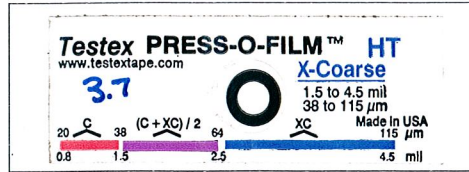
- Testex Replica Tape and Micrometer Utilized
- Coarse Replica Tape Range: 0.8 - 2.5 mils
- X-Coarse Replica Tape Range: 1.5 - 4.5 mils
- X-Coarse Plus Replica Tape Range: 4.0 - 5.0 mils



Testex Tape Measurement: 3.6



Testex Tape Measurement: 3.6



Testex Tape Measurement: 3.7

Slawomir Slaby
Quality Control Technician

John P. Psarfanos, PCS
Quality Control Manager

DATE: Monday, June 13, 2016

CONTRACT: NJTA Contract T100.275

STRUCTURE: I-78 N7.13 to N7.52 NJTA

WORK AREA: South Structure (Eastbound) Pier 20-16, Girder(s) 1/2G9, G8, G7

COATING REMOVAL OPERATIONS

- Abasive Blasting, Prime Stripe Coat, Prime Full Coat, Power-tool Cleaning, Vacuuming/Recovery, Containment Breakdown



SURFACE PREPARATION & PRIME COAT APPLICATION

Table with 5 columns: Time Measured (8:00 AM, NOON, 4:00 PM, 8:00 PM) and rows for Dry Bulb Measurements, Relative Humidity %RH, Dew Point Measurements, Ave. Surface Temperature, Sustained Winds < 20 MPH, Conditions Acceptable.

OBSERVED SURFACE CONDITIONS

- Chlor*Test (C*S*N Salts) Performed: Yes, results below specified limits
Pack rust present
Moisture visible on steel
Crevices, sharp edges or fins (if yes, will grind smooth pre-blast)
Mill scale present
Visible oil, grease or other surface contaminants (if yes, will perform SP 1)
Weld splatter or burning slag (if yes, will grind smooth)
Visual SSPC-SP 10: Condition B, Mill Scale and Rust, B SP 10

ABRASIVE CLEANLINESS

Abrasive Utilized: Recycled Ferrous Metallic, Grit 40/50 Specification: SSPC AB-2

REQUIREMENTS FOR ABRASIVE CLEANLINESS

- Complete Each Blast Shift: Is non-abrasive residue <1% by weight work mix?
Complete Each Blast Shift: Is oil content present on surface or emulsion?
Complete Each Blast Shift: (Water soluble contaminants) conductivity <1,000µS?
Completed Weekly: Lead content < 0.1% by weight of mix?

SURFACE PREPARATION PERFORMED

- TIME (START/FINISH): 9:00 AM 4:00 PM
Low Pressure Water Cleaning/Spot Power-tool Cleaning SSPC SP-2/3
Dry Abrasive Blasting to SSPC SP-10.NACE No. 2 (Near-White Metal Blast)
Completed Compressed Air Cleanliness per ASTM D-4285 (for abrasive blasting only)
Nozzle Pressure (Abrasive Blasting Only) 100 PSI to 105 PSI

PRIME COAT APPLICATION

- TIME (START/FINISH): Avg. Surface Profile 3.6
Spot Application Only
Stripe Prime Coat utilizing spray and brush before full coat
Blowdown Complete
Power-mixed
Application: Airless Spray 0.017" Tip Size Color: Reddish Gray
BATCH MANUFACTURED EXPIRES
Surface pH: Neutral, ok!
Avg. WFT
Thinner Batch:

HOLD POINT INSPECTION PERFORMED

- 1. Weather and site conditions
2. Pre-surface preparation, conditions and cleanliness
3. Monitoring surface preparation operation
4. Post surface preparation and cleanliness condition
5. Monitoring coating mixing and thinning activities
6. Monitoring coating application and WFT confirmation
7. Post coating application inspection and defect check
8. Post-cure/DFT measurements

DAILY CONTAINMENT INSPECTION DURING OPERATIONS

Note: Only complete this section if abrasive blasting, power-tool or breaking down containment

- Observation of Negative Pressure: From: 9:00 AM To: 4:00 PM
Airflow measurement device: Alnor Model RV
Dust collection equipment utilized: ECS P-40, Unit #002

CONTAINMENT & EQUIPMENT INSPECTION

- Rips or tears in the containment tarpaulins
Overlap between two tarpaulins
Make-up air louvers or baffles in good working order
Cigarettes left at the hand wash station during the work day
Whip checks/safety cables on all high pressure hoses/couplings
Towels, warm water and soap available at the hand wash/decon
Workers washing their face/hands before eating, smoking and/or drinking
Dust collector in place and operational during painting removal activities
Dust collector hoses in good working condition
Visual emissions monitored daily per SSPC Method A
Visual emissions/debris observed during blasting/cleanup operations
If emissions/debris observed, what corrective action was taken?
Engineer notified of the emissions or debris coming out of the containment?

CONTAINMENT & VENTILATION COMPONENTS

- Specified containment guide: SSPC Guide 6
Specified containment classification: SSPC Class 1A
SSPC Guide 6 - 5.3.1, Containment materials: A1 - Rigid
SSPC Guide 6 - 5.3.2, Penetrability: B1 - Air Impenetrable
SSPC Guide 6 - 5.3.3, Support structure: C1 - Rigid
SSPC Guide 6 - 5.3.4, Joints: D1 - Full Seal
SSPC Guide 6 - 5.3.5, Entryway: E1 - Airlock
SSPC Guide 6 - 5.4.1, Air make-up: F1 - Controlled
SSPC Guide 6 - 5.4.2, Input air-flow: G1 - Forced
SSPC Guide 6 - 5.4.3, Air pressure: H1 - Instrument Verification
SSPC Guide 6 - 5.4.4, Air movement: 60FPM Down/100FPM Cross
SSPC Guide 6 - 5.4.5, Exhaust Dust Filtration: J1 - Air Filtration

VENTILATION VERIFICATION

- Is the duct work plugged or clogged
Worn or deteriorated duct work or fittings
Excessive bending or angle in duct work
Is the containment leaking
Exhaust fan belt belt in poor condition
Exhaust system filters in poor condition
Joints poorly sealed

CARBON MONOXIDE (CO) MONITORING

In use when utilizing supplied air system? Yes, CO monitoring

Table with 2 rows of Model, Serial No., and Reading(s) for CO monitors.

See calibration and inspection records for additional information regarding monitors

Slawomir Slaby, Quality Control Technician

John P. Parianos, PCS, Quality Control Manager

DATE: Tuesday, June 14, 2016
 CONTRACT: NJTA Contract T100.275
 STRUCTURE: I-78 N7.13 to N7.52 NJTA
 WORK AREA: South Structure (Eastbound) Pier 20-16, Girder(s) 1/2G9, G10, G11, G12

COATING REMOVAL OPERATIONS



- Abrasive Blasting
- Power-tool Cleaning
- Prime Stripe Coat
- Vacuuming/Recovery
- Prime Full Coat
- Containment Breakdown

SURFACE PREPARATION & PRIME COAT APPLICATION

Time Measured	8:00 AM	NOON	4:00 PM	8:00 PM
Dry Bulb Measurements	67 °F	73 °F	80 °F	75 °F
Relative Humidity %RH	38 %RH	27 %RH	26 %RH	35 %RH
Dew Point Measurements	41 °F	37 °F	41 °F	46 °F
Ave. Surface Temperature	72 °F	72 °F	73 °F	73 °F
Sustained Winds < 20 MPH	YES	YES	YES	YES
Conditions Acceptable	YES	YES	YES	YES

DAILY CONTAINMENT INSPECTION DURING OPERATIONS

Note: Only complete this section if abrasive blasting, power-tool or breaking down containment
 Observation of Negative Pressure: **From:** 9:00 AM **To:** 4:00 PM
 Airflow measurement device: Alnor Model RV Bacharach FloRite 500
 Dust collection equipment utilized: ECS P-40, Unit #001 ECS P-40, Unit #002

OBSERVED SURFACE CONDITIONS

- Chlor*Test (C*S*N Salts) Performed: Yes, results below specified limits
- Pack rust present Yes No
 - Moisture visible on steel Yes No
 - Crevices, sharp edges or fins (if yes, will grind smooth pre-blast) Yes No
 - Mill scale present Yes No
 - Visible oil, grease or other surface contaminants (if yes, will perform SP 1) Yes No
 - Weld splatter or burning slag (if yes, will grind smooth) Yes No
 - Visual SSPC-SP 10: Condition B, Mill Scale and Rust, B SP 10

CONTAINMENT & EQUIPMENT INSPECTION

- Rips or tears in the containment tarpaulins Yes No
- Overlap between two tarpaulins Yes No
- Make-up air louvers or baffles in good working order Yes No
- Cigarettes left at the hand wash station during the work day Yes No
- Whip checks/safety cables on all high pressure hoses/couplings Yes No
- Towels, warm water and soap available at the hand wash/decon Yes No
- Workers washing their face/hands before eating, smoking and/or drinking Yes No
- Dust collector in place and operational during painting removal activities Yes No
- Dust collector hoses in good working condition Yes No
- Visual emissions monitored daily per SSPC Method A Yes No
- Visual emissions/debris observed during blasting/cleanup operations Yes No
- If emissions/debris observed, what corrective action was taken? N/A Yes N/A
- Engineer notified of the emissions or debris coming out of the containment? Yes N/A

ABRASIVE CLEANLINESS

Abrasive Utilized: Recycled Ferrous Metallic, Grit 40/50 Specification: SSPC AB-2

REQUIREMENTS FOR ABRASIVE CLEANLINESS

- Complete Each Blast Shift: Is non-abrasive residue <1% by weight work mix? Yes No
- Complete Each Blast Shift: Is oil content present on surface or emulsion? Yes No
- Complete Each Blast Shift: (Water soluble contaminants) conductivity <1,000µS? Yes No
- Completed Weekly: Lead content < 0.1% by weight of mix? Yes No

CONTAINMENT & VENTILATION COMPONENTS

Specified containment guide	<u>SSPC Guide 6</u>
Specified containment classification	<u>SSPC Class 1A</u>
SSPC Guide 6 - 5.3.1, Containment materials	<u>A1 - Rigid</u>
SSPC Guide 6 - 5.3.2, Penetrability	<u>B1 - Air Impenetrable</u>
SSPC Guide 6 - 5.3.3, Support structure	<u>C1 - Rigid</u>
SSPC Guide 6 - 5.3.4, Joints	<u>D1 - Full Seal</u>
SSPC Guide 6 - 5.3.5, Entryway	<u>E1 - Airlock</u>
SSPC Guide 6 - 5.4.1, Air make-up	<u>F1 - Controlled</u>
SSPC Guide 6 - 5.4.2, Input air-flow	<u>G1 - Forced</u>
SSPC Guide 6 - 5.4.3, Air pressure	<u>H1 - Intrument Verification</u>
SSPC Guide 6 - 5.4.4, Air movement	<u>60FPM Down/100FPM Cross</u>
SSPC Guide 6 - 5.4.5, Exhaust Dust Filtration	<u>J1 - Air Filtration</u>

SURFACE PREPARATION PERFORMED

- TIME (START/FINISH): 9:00 AM 4:00 PM
- Low Pressure Water Cleaning/Spot Power-tool Cleaning SSPC SP-2/3
 - Dry Abrasive Blasting to SSPC SP-10.NACE No. 2 (Near-White Metal Blast)
 - Completed Compressed Air Cleanliness per ASTM D-4285 (for abrasive blasting only)
- Nozzle Pressure (Abrasive Blasting Only) 100 PSI to 105 PSI

PRIME COAT APPLICATION

TIME (START/FINISH): 9:00 AM 10:30 AM Avg. Surface Profile 3.8

- Spot Application Only
- Stripe Prime Coat utilizing spray and brush before full coat Full Prime Coat Application PPG Amercoat 68HS Organic Zinc-Rich Epoxy
- Blowdown Complete Induction Time Complete Reduced 2.5 pints/kit Amercoat 65
- Power-mixed Screened Gallons Mixed: 40 75.2 °F Coating

Application: Airless Spray Tip Size 0.017" Color: Reddish Gray

	BATCH	MANUFACTURED	EXPIRES
Surface pH: <u>Neutral, ok!</u>	A: <u>9415590826</u>	<u>04/10/2014</u>	<u>04/10/2017</u>
Avg. WFT <u>10.0 mils</u>	B: <u>9343527487</u>	<u>12/02/2013</u>	<u>12/02/2016</u>
Thinner Batch: <u>S603013</u>	C: <u>Z508009</u>	<u>08/11/2015</u>	<u>08/10/2017</u>

VENTILATION VERIFICATION

- Is the duct work plugged or clogged Yes No
- Worn or deteriorated duct work or fittings Yes No
- Excessive bending or angle in duct work Yes No
- Is the containment leaking Yes No
- Exhaust fan belt in poor condition Yes No
- Exhaust system filters in poor condition Yes No
- Joints poorly sealed Yes No

CARBON MONOXIDE (CO) MONITORING

In use when utilizing supplied air system? Yes, CO monitoring

Model: <u>BBG-80</u>	Serial No.: <u>11630</u>	Reading(s):	<u>#1 0</u>	<u>#2 0</u>	<u>#3 0</u>
Model: <u>BBG-50</u>	Serial No.: <u>16630</u>	Reading(s):	<u>#1 0</u>	<u>#2 0</u>	<u>#3 0</u>

See calibration and inspection records for additional information regarding monitors

HOLD POINT INSPECTION PERFORMED

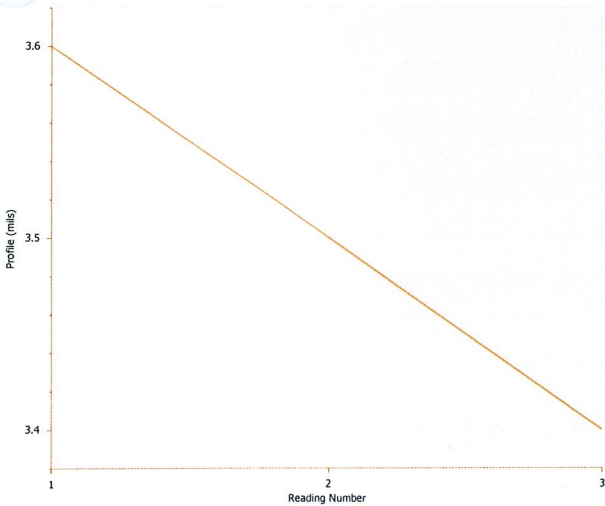
- 1. Weather and site conditions
- 2. Pre-surface preparation, conditions and cleanliness
- 3. Monitoring surface preparation operation
- 4. Post surface preparation and cleanliness condition
- 5. Monitoring coating mixing and thinning activities
- 6. Monitoring coating application and WFT confirmation
- 7. Post coating application inspection and defect check
- 8. Post-cure/DFT measurements

Slawomir Slaby Inspection Date: Jun 14, 2016
 Slawomir Slaby, Quality Control Technician

John P. Parianos Review Date: Jun 14, 2016
 John P. Parianos, PCS, Quality Control Manager

SURFACE PROFILE REPORT

Individuals / Run Chart



Project: NJ Turnpike Contract T100.275

Owner: NJ Turnpike Authority

Structure: N7.13-N7.52 (I-78) Hudson County Turnpike Ext

Inspection Date: June 14th, 2016

Gauge Details:

Gauge Type	Elcometer 224/2
Gauge Serial #	NH03890
Calibration Method	Zero

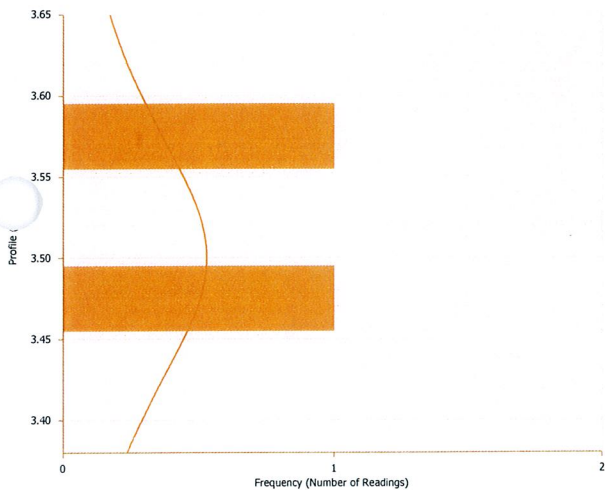
Measurement Details:

# Readings	3
Mean	3.500 mils
Minimum	3.40 mils
Maximum	3.60 mils
Standard Deviation (σ)	0.100 mils
Mean + 3σ	3.800 mils
Mean - 3σ	3.200 mils

Limit Details:

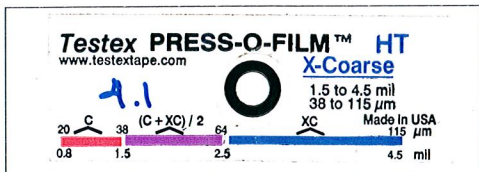
High Limit	4.50 mils
Low Limit	2.00 mils
Nominal	3.50 mils
# Readings > High Limit	0 (0.0%)
# Readings < Low Limit	0 (0.0%)

Histogram

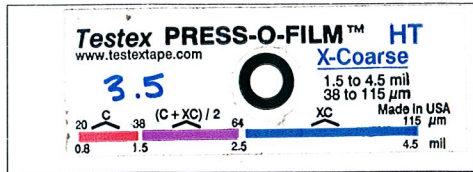


Verification:

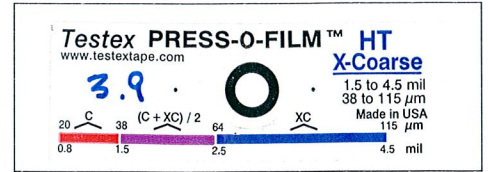
- Testex Replica Tape and Micrometer Utilized
- Coarse Replica Tape Range: 0.8 - 2.5 mils
- X-Coarse Replica Tape Range: 1.5 - 4.5 mils
- X-Coarse Plus Replica Tape Range: 4.0 - 5.0 mils



Testex Tape Measurement: 4.1



Testex Tape Measurement: 3.5



Testex Tape Measurement: 3.9

Slawomir Slaby
Quality Control Technician

John P. Psarianos, PCS
Quality Control Manager

DFT Measurement Inspection Report



Project: NJ Turnpike Contract T100.275
Owner: NJ Turnpike Authority
Structure: (I-78) N7.13 to N7.52, Pier 20 to Pier 11
Approximate Inspection Area: 52,200 ft²

Date of Inspection: Friday, June 24, 2016
Adjustment of Type 2 Gauge? Yes, per Appendix 8
Inspector: HAKS Engineers **Rev:** 0
#Measurements for Conformance to Spec.: 55

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.0	6.5	6.0	18.6	6.2
B	6.2	6.1	6.9	19.1	6.4
C	6.5	6.6	7.0	20.0	6.7
D	6.2	6.8	7.0	20.0	6.7
E	6.8	7.0	6.5	20.2	6.7
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	7.0	6.1	6.1	19.2	6.4
B	6.1	6.7	6.1	18.9	6.3
C	6.6	6.1	6.9	19.6	6.5
D	6.6	6.4	6.2	19.2	6.4
E	6.7	6.4	6.2	19.3	6.4
Specified Range:			3.0	5.0	mils
Average Location:			6.4	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.9	6.3	6.5	19.7	6.6
B	6.3	6.9	6.6	19.8	6.6
C	6.9	6.5	6.7	20.2	6.7
D	7.0	6.2	6.6	19.8	6.6
E	6.8	6.9	6.7	20.5	6.8
Specified Range:			3.0	5.0	mils
Average Location:			6.7	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.1	6.7	6.3	19.0	6.3
B	6.6	6.7	6.4	19.8	6.6
C	6.7	6.9	6.1	19.7	6.6
D	6.8	6.7	6.0	19.5	6.5
E	6.6	6.6	6.8	20.0	6.7
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.9	6.4	6.7	20.0	6.7
B	6.9	6.7	6.1	19.7	6.6
C	7.0	6.9	6.4	20.3	6.8
D	6.5	6.5	7.0	20.0	6.7
E	6.8	6.5	6.9	20.2	6.7
Specified Range:			3.0	5.0	mils
Average Location:			6.7	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.4	6.2	6.2	18.8	6.3
B	6.9	6.5	6.8	20.2	6.7
C	6.8	6.1	7.0	19.9	6.6
D	6.4	6.3	6.1	18.8	6.3
E	6.2	6.6	6.9	19.7	6.6
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.4	6.5	6.1	19.0	6.3
B	6.6	6.1	6.6	19.3	6.4
C	6.6	6.9	6.0	19.5	6.5
D	6.3	6.2	7.0	19.5	6.5
E	6.3	6.2	6.6	19.0	6.3
Specified Range:			3.0	5.0	mils
Average Location:			6.4	mils	

Location: Pier 20 to Pier 19, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.6	6.1	6.1	18.8	6.3
B	6.7	6.5	6.6	19.8	6.6
C	6.9	6.1	6.6	19.5	6.5
D	6.8	6.2	6.9	19.9	6.6
E	6.6	6.6	6.9	20.1	6.7
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Gauge	Model#	Serial#	Spec.	Lab Calib.
Elcometer	456T	NG25023	SSPC PA-2	4/19/2016
Coating	PPG Amercoat 68 HS	Color		

QC Inspector: Slawomir Slaby 6/24/16
QCS: John R. Psarianos 6/24/16

DFT Measurement Inspection Report



Project: NJ Turnpike Contract T100.275
Owner: NJ Turnpike Authority
Structure: (I-78) N7.13 to N7.52, Pier 20 to Pier 11
Approximate Inspection Area: 52,200 ft²

Date of Inspection: Friday, June 24, 2016
Adjustment of Type 2 Gauge? Yes, per Appendix 8
Inspector: HAKS Engineers **Rev:** 0
#Measurements for Conformance to Spec.: 55

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.7	7.1	6.3	20.1	6.7
B	7.1	6.3	6.7	20.1	6.7
C	6.3	6.3	6.3	19.0	6.3
D	6.6	7.1	6.8	20.5	6.8
E	6.6	6.6	7.0	20.1	6.7
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.7	<i>mils</i>	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	7.1	6.8	6.8	20.7	6.9
B	7.1	6.6	6.8	20.4	6.8
C	7.1	6.2	7.2	20.6	6.9
D	6.6	6.9	6.7	20.2	6.7
E	6.7	6.6	6.4	19.6	6.5
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.8	<i>mils</i>	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.5	6.4	6.8	19.6	6.5
B	6.8	6.9	6.9	20.6	6.9
C	6.9	7.0	6.5	20.4	6.8
D	6.5	6.4	6.8	19.7	6.6
E	6.8	7.1	7.1	21.1	7.0
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.8	<i>mils</i>	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.2	6.6	7.1	20.0	6.7
B	6.9	6.8	6.9	20.6	6.9
C	6.4	7.1	7.2	20.7	6.9
D	6.7	7.2	6.9	20.7	6.9
E	6.7	6.6	6.7	20.0	6.7
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.8	<i>mils</i>	

Gauge	Model#	Serial#	Spec.	Lab Calib.
Elcometer	456T	NG25023	SSPC PA-2	4/19/2016
Coating	PPG Amercoat 68 HS		Color	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.9	7.0	6.6	20.4	6.8
B	6.7	6.2	6.7	19.6	6.5
C	7.1	7.1	6.4	20.6	6.9
D	6.9	6.6	6.4	19.9	6.6
E	7.0	6.6	6.4	20.0	6.7
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.7	<i>mils</i>	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.7	6.9	6.7	20.3	6.8
B	6.9	7.1	7.1	21.1	7.0
C	6.4	7.0	6.6	20.0	6.7
D	6.8	6.3	6.4	19.5	6.5
E	6.5	6.6	7.0	20.1	6.7
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.7	<i>mils</i>	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.9	6.6	7.1	20.6	6.9
B	7.0	7.2	6.3	20.5	6.8
C	7.0	6.4	6.6	20.0	6.7
D	6.8	6.3	7.0	20.1	6.7
E	6.3	7.1	6.9	20.3	6.8
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.8	<i>mils</i>	

Location: Pier 19 to Pier 18, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.7	6.6	6.7	20.0	6.7
B	7.2	7.1	6.6	20.9	7.0
C	7.0	6.7	6.3	20.0	6.7
D	6.4	6.4	6.7	19.5	6.5
E	7.0	7.0	7.1	21.0	7.0
Specified Range:			3.0	5.0	<i>mils</i>
Average Location:			6.8	<i>mils</i>	

QC Inspector: Slawomir Slaby 6/24/16
QCS: John P. Psarianos 6/24/16

DFT Measurement Inspection Report



Project: NJ Turnpike Contract T100.275
Owner: NJ Turnpike Authority
Structure: (I-78) N7.13 to N7.52, Pier 20 to Pier 11
Approximate Inspection Area: 52,200 ft²

Date of Inspection: Friday, June 24, 2016
Adjustment of Type 2 Gauge? Yes, per Appendix 8
Inspector: HAKS Engineers **Rev:** 0
#Measurements for Conformance to Spec.: 55

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.1	6.1	6.1	18.3	6.1	
B	6.5	6.4	7.0	19.9	6.6	
C	6.9	6.7	6.2	19.8	6.6	
D	6.5	6.8	6.7	20.0	6.7	
E	6.7	6.1	6.9	19.7	6.6	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.5	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.5	6.2	6.5	19.1	6.4	
B	6.2	6.4	6.4	19.1	6.4	
C	6.7	6.3	6.2	19.2	6.4	
D	6.0	6.8	6.6	19.4	6.5	
E	6.3	6.4	6.7	19.4	6.5	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.4	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.2	6.4	6.7	19.3	6.4	
B	6.2	6.2	6.5	18.9	6.3	
C	6.8	6.5	6.2	19.6	6.5	
D	7.0	6.3	6.2	19.4	6.5	
E	6.3	6.3	6.5	19.1	6.4	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.4	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.1	6.6	6.2	18.9	6.3	
B	6.2	6.1	6.6	18.8	6.3	
C	6.7	6.1	6.2	19.1	6.4	
D	6.8	6.5	6.7	20.0	6.7	
E	6.4	6.9	6.2	19.5	6.5	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.4	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.3	6.9	6.1	19.3	6.4	
B	6.5	6.1	6.1	18.7	6.2	
C	6.2	6.7	6.7	19.6	6.5	
D	6.8	6.9	6.2	20.0	6.7	
E	7.0	6.8	6.8	20.6	6.9	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.5	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.9	6.2	6.8	19.9	6.6	
B	6.7	6.9	6.2	19.8	6.6	
C	6.1	6.4	6.9	19.4	6.5	
D	6.7	6.8	6.2	19.7	6.6	
E	6.7	6.9	6.7	20.4	6.8	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.6	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.4	6.0	6.8	19.2	6.4	
B	6.8	6.2	6.7	19.8	6.6	
C	6.8	6.1	6.7	19.6	6.5	
D	6.0	6.9	6.5	19.4	6.5	
E	6.2	6.0	6.1	18.3	6.1	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.4	<i>mils</i>	

Location: Pier 18 to Pier 17, Eastbound Bridge						
AREA	Spot Readings					
	1	2	3	Total	Avg	
A	6.2	6.6	6.4	19.2	6.4	
B	6.8	6.1	6.9	19.8	6.6	
C	6.5	6.3	6.4	19.3	6.4	
D	6.3	6.9	6.6	19.7	6.6	
E	6.1	6.2	6.6	18.9	6.3	
Specified Range:				3.0	5.0	<i>mils</i>
Average Location:				6.5	<i>mils</i>	

Gauge	Model#	Serial#	Spec.	Lab Calib.
Elcometer	456T	NG25023	SSPC PA-2	4/19/2016
Coating	PPG Amercoat 68 HS		Color	

QC Inspector: Slawomir Slaby 6/24/16
QCS: John P. Psarianos 6/24/16

DFT Measurement Inspection Report



Project: NJ Turnpike Contract T100.275
Owner: NJ Turnpike Authority
Structure: (I-78) N7.13 to N7.52, Pier 20 to Pier 11
Approximate Inspection Area: 52,200 ft²

Date of Inspection: Friday, June 24, 2016
Adjustment of Type 2 Gauge? Yes, per Appendix 8
Inspector: HAKS Engineers **Rev:** 0
#Measurements for Conformance to Spec.: 55

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.7	7.0	6.3	20.0	6.7
B	6.1	6.1	6.4	18.6	6.2
C	6.8	6.3	7.0	20.1	6.7
D	6.9	6.1	6.2	19.2	6.4
E	6.9	6.2	6.4	19.6	6.5
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.7	6.9	6.3	19.8	6.6
B	6.5	6.3	6.8	19.6	6.5
C	6.5	6.5	6.1	19.1	6.4
D	7.0	6.9	7.0	20.9	7.0
E	6.8	6.2	6.4	19.5	6.5
Specified Range:			3.0	5.0	mils
Average Location:			6.6	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.4	6.9	6.9	20.2	6.7
B	6.4	6.9	6.9	20.3	6.8
C	6.9	7.0	6.8	20.7	6.9
D	6.3	7.0	6.9	20.2	6.7
E	6.7	6.1	6.8	19.5	6.5
Specified Range:			3.0	5.0	mils
Average Location:			6.7	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.4	6.2	6.9	19.5	6.5
B	6.9	6.2	6.4	19.5	6.5
C	6.2	6.0	6.8	19.0	6.3
D	6.5	6.9	6.4	19.8	6.6
E	7.0	6.2	6.3	19.5	6.5
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.6	6.7	6.3	19.6	6.5
B	6.5	6.5	7.0	19.9	6.6
C	6.1	6.2	6.6	18.9	6.3
D	6.9	6.9	6.5	20.3	6.8
E	6.3	6.5	6.7	19.5	6.5
Specified Range:			3.0	5.0	mils
Average Location:			6.5	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.1	6.7	6.7	19.5	6.5
B	6.3	6.6	6.2	19.1	6.4
C	6.2	6.4	6.3	18.9	6.3
D	6.7	6.2	6.7	19.6	6.5
E	6.3	6.3	6.3	18.9	6.3
Specified Range:			3.0	5.0	mils
Average Location:			6.4	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.7	6.8	6.4	19.8	6.6
B	6.0	6.2	6.3	18.5	6.2
C	6.4	6.1	6.6	19.1	6.4
D	7.0	6.3	6.2	19.5	6.5
E	6.4	6.7	6.5	19.5	6.5
Specified Range:			3.0	5.0	mils
Average Location:			6.4	mils	

Location: Pier 17 to Pier 16, Eastbound Bridge					
AREA	Spot Readings				
	1	2	3	Total	Avg
A	6.9	6.3	6.1	19.4	6.5
B	6.2	6.8	6.7	19.7	6.6
C	6.1	6.6	6.3	19.0	6.3
D	6.2	6.0	6.5	18.7	6.2
E	6.2	6.4	6.6	19.2	6.4
Specified Range:			3.0	5.0	mils
Average Location:			6.4	mils	

Gauge	Model#	Serial#	Spec.	Lab Calib.
Elcometer	456T	NG25023	SSPC PA-2	4/19/2016
Coating	PPG Amercoat 68 HS		Color	

QC Inspector: Slawomir Slaby 6/24/16
 PQCS: John P. Esarianos 6/24/16