

Research Project # 2005-051 Accelerated Bridge Paint Test Program July 6, 2011

Introduction

The accelerated bridge paint (AB-Paint) program evaluated a new Sherwin-Williams two-coat, fast-curing paint system. The system is comprised of an organic zinc-rich primer (SW Corothane I Galvapac One-Pack Zinc-Rich Primer B65 G11) and a polyurea-modified high-build urethane finish coat (SW Fast Clad Urethane B65950 Series). The two-coat system would be a replacement or alternative for the current three-coat paint system (i.e., zinc-rich primer/epoxy intermediate/ urethane finish) approved in Bulletin 15. The accelerated bridge painting technology could provide a material cost benefit by applying only two coats instead of three. There was the potential that the blasting, primer and topcoat could be placed during a work shift, which would result in reduced labor cost. There would also be benefit to the traveling public with shorter traffic interruption and inconvenience with the accelerated technology.

Evaluation

Engineering District 11-0 provided a demonstration site on bridge structure 02-8043-0250-000, the California Avenue ramp bridge over SR 65 in Pittsburgh. The entire bridge was coated with the two-coat system except for Bay 3 of Span 3, which was designated for the application of the three-coat control system. The AB-Paint was evaluated from November 2006 to November 2009. The three year research plan required the following tests and inspection be performed every year on both the experimental and control area: visual inspection, coating thickness, coating adhesion, gloss, color retention, chalking, microscopic evaluation, and photographic documentation. The attached work plan provides a description of the tests and inspections performed on the experimental and control areas.

Sherwin-Williams contracted with KTA-Tator, Inc. (KTA) to provide inspection support during placement. KTA performed the testing and annual inspection for the research project. KTA developed the attached report documenting the construction inspection, the test results and the review's discussion.

Findings and Conclusions

The Accelerated Bridge Painting system had the potential to complete the construction process for a section of the bridge during one work shift. Unfortunately, the contractor had a learning curve with the new two-coat paint system. The rapid curing of the Corothane I Galvapac One-Pack Zinc-Rich Primer could permit the application of the topcoat under ideal application process. Issues with the stability of two-coat system did not permit accurate documentation of the time savings.

The data from the yearly test and inspections are provided in the final report from KTA. The two-coat system did perform the same or slightly better when compared to the three-coat system in adhesion, gloss and color retention. The adhesion for both the two-coat and three-coat system remained well adhered throughout the research period. There was a great shift in the gloss and

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Date: April 6, 2011

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color retention in both the two-coat and three-coat system over the three year research period, but the three-coat system performed slightly better. The annual field inspection documented the progression of pinpoint rusting of the two-coat system compared to the three-coat system that did not exhibit a rusting issue.

The contractor encountered a few construction problems, which may have contributed to the pinpoint rusting issues with the Accelerated Bridge Painting system.

- Contractor used a mesh size of Black Beauty abrasive that produced a surface profile slightly deeper than specified (up to 4.5 mils).
- The Corothane I Galvapac Zinc Primer is a moisture-cured urethane formulation, which is sensitive to package stability. Many containers of paint were rejected due to the paint being too thick, and they started to cure in the container or immediately upon opening.
- The contractor had problems in the construction process with the thick paint not atomizing properly and clogging the spray gun.

The purpose of the research project was to test the AB-Paint on an actual construction site, to not only test the performance, but discover issues with field applications. The problems with the package stability of the primer experienced during the course of the project contributed to the quality of the coating on the project. The profile depth problems may have also been a factor in the lowered level of performance observed in the two-coat system versus the standard three coat system. As a result, the two-coat system was applied too thin in some areas, which may have resulted in the pinpoint rust problems.

Recommendations

The AB-Paint was not approved in Bulletin 15, but with additional work on the stability of the product and guidance for the contractor in the application requirements for the two-coat system, the AB-Paint has potential for further consideration.

List of Attachments:

Work Plan

Field Reports

Final Report – Accelerated Bridge Paint Test Program, KTA-Tator, Inc., January 10, 2010

Submitted by: Sheri Little, Research Project Manager, ETI, BOCM, PennDOT

WORK PLAN

ACCELERATED BRIDGE PAINT TEST PROGRAM

RESEARCH PROJECT NUMBER 2005-051

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

BUREAU OF CONSTRUCTION AND MATERIALS

1. INTRODUCTION

The Pennsylvania Department of Transportation (PennDOT) is exploring new technologies for bridge painting (both for new construction fabrication shop painting and for field rehabilitation projects) that will facilitate "fast tracking" of bridge construction/ rehabilitation projects. In that regard, a new Sherwin-Williams Company (SW) technology approach to bridge painting termed "Accelerated Bridge Painting" is worthy of further evaluation. "Accelerated Bridge Painting" technology utilizes a two coat, fast-curing paint system based on an organic zinc-rich primer (SW Corothane I Galvapac One-Pack Zinc-Rich Primer B65 G11) and a polyurea-modified high-build urethane finish coat (SW Fast Clad Urethane B65950 Series). This technology may be considered to replace traditional PennDOT approved three-coat paint systems (i.e., zinc-rich primer/epoxy intermediate/urethane finish) as currently listed in Bulletin 15. The current three-coat systems are shop and field applied in accordance with Specification 408 Standard Special Provisions Sections 1060 – Shop Painting of Structural Steel and 1070 – Painting Existing Structural Steel.

Recent advances in polyurethane chemistry allow applicators to apply this two-coat urethane system over blast cleaned steel at a thickness equivalent to the standard three-coat systems. The two-coat system also provides equivalent corrosion protection and physical characteristics as the three-coat systems. Recent testing of this SW paint system in accordance with NTPEP (National Transportation Product Evaluation Program) requirements as outlined in AASHTO R31-02 document this performance. NTPEP test performance data can be viewed at www.data.ntpep.org.

The readily apparent cost benefits of this "Accelerated Bridge Painting" technology are that two coats are applied rather than three, and an accelerated production schedule can be achieved due to the shorter recoat and drying periods of the products.

By comparison to traditional three-coat systems, information suggests that this new technology would provide a savings of approximately 26% in direct project costs. Additionally, indirect efficiencies such as less public interruption and inconvenience would likely be realized (see appended study by L. Brian Castler, Bureau Chief, and Connecticut Department of Transportation).

Standard 408 Specification Special Provisions 1060 and 1070 have been modified to provide contract special provisions that may be used to execute this work. As modified, these

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Special Provisions can be inserted directly into any project-specific bid package.

2. SCOPE

It is intended that the Accelerated Bridge Painting system will be field applied to an existing bridge structure(s). Three bridges in Allegheny county District 11-0 have been picked for evaluation (see attached location maps). The system would be an alternative to the traditional PennDOT-approved, three-coat paint system for existing bridge steel. Work may also include shop painting of new steel that will be added to the structure. While it is intended that the entire structure be identified as the test section for the evaluation of this system, specific areas of the bridge will also be designated as Experimental sections. Experimental sections (e.g., outside fascias, expansion dams, etc.) will be selected from bridge areas that are representative of the typical exposure environment(s) and structural configurations. While coating performance over the entire structure will be monitored, where more detailed coating performance monitoring will take place at the Experimental sections, including destructive and non-destructive hands-on testing, The Experimental sections will be selected with future access in mind. In that regard, all attempts will be made to select Experimental sections that do not require traffic Experimental or under-bridge inspection units to access (e.g., abutment areas and concrete pier areas accessible with ladders, areas adjacent to inspection walkways, etc.), while still representing the various exposure zones on the bridge.

Once selected, Experimental sections will be clearly identified on project documentation and relevant structure drawings. Plan views and cross-sections of the bridge, along with a location map, will be submitted when the specific bridge project is identified. If more than one project is selected, documentation packages will be prepared for each.

3. PLAN OF STUDY

From project inception to completion, SW will participate with PennDOT, the general contractor, the coating contractor, the inspection firm, and other project personnel as necessary to facilitate the project. This will likely include involvement in all phases of the project such as pre-design, final design, pre-bid, pre-construction, construction, and post-construction meetings and inspections.

The coating contractor's painting operation will be reviewed, inspected, and documented from beginning to end by PennDOT project personnel, and the PennDOT-selected inspection firm, with periodic visits from SW representative(s) during surface preparation and coating application. All cost for any periodic visit (pre-application or otherwise) by SW and/or rep. will borne by SW. The vast majority of the information needed to determine installation costs and proper application is contained within standard day-to-day documentation generated during a construction project. For example, items such as production progress (abrasive blast cleaning and paint application), material quantities used, road/lane closure times, rigging, etc. will be tracked. SW reps and/or contracted consultant shall be given raw inspection data which they will then use to compile all pertinent data. Rep. needs to extract the data from the project documentation. This will not be done by PennDOT. Facts only be collected

Upon completion of the project, all concerned parties (e.g., SW, PennDOT, inspection firm, and coating contractor) will perform an initial one day final inspection of the work to assess the overall quality of application. Special attention will be given to the established. Experimental sections where additional destructive and non-destructive physical tests of the coatings will be made in order to establish baseline data of coating characteristics. Annual inspections designed to evaluate the longer term performance of the coating system will be conducted in the identical test locations. It is anticipated that inspections will be performed annually for three years. The results of these inspections will be thoroughly documented by SW (with assistance from an outside independent engineering firm hired by SW) in order to accurately assess changes, if any, in coating integrity and performance as a result of field exposure.

For comparative purposes, it is suggested that a simultaneous bridge paint study (e.g., same final and annual protocol of tests and inspection) be initiated on a bridge painting project coated with the standard PennDOT Bulletin 15 approved three-coat system (e.g., organic zinc/epoxy/urethane). Having the ability to monitor both projects simultaneously would allow for a more meaningful comparison of the two coating systems. One or both projects will include three coat system comparison sections. The cost of the coating systems for at least one of these projects shall be borne by Sherwin Williams.

The below-listed tests and inspections will be performed in each Experimental & Control area.

- Visual Inspection A visual inspection will be conducted to evaluate the overall coating
 system appearance. Areas of coating degradation, rusting, or other notable defects will be
 documented. If rusting is observed, portions of the coating will be removed to determine if
 corrosion undercutting is occurring. The gloss and color retention of the coating will be
 evaluated as detailed below.
- Coating Thickness –Initially, the thickness of each coat will be determined destructively using a Tooke Gage. The Tooke Gage is a microscopic technique that involves making an incision at a known angle through the coating using one of the instrument cutting tips. By measuring the width of the incision, the depth (or thickness) of the coating can be measured. This allows for the accurate measurement of each coat in multiple-coat system. The thicknesses will be measured in each Experimental location of each bridge.
- Coating Adhesion The coating adhesion will be measured at each Experimental location using test methods in accordance with ASTM D3359, "Measuring Adhesion by Tape Test" and ASTM D4541, "Pull-Off Strength of Coatings Using Portable Adhesion Testers." This method uses an aluminum test stub that is attached to the coating surface with an adhesive and then is removed with a test instrument using a tensile force. The instrument measures the tensile force required to detach the test stub from the coating surface. The test instrument used shall be a self-alignment adhesion tester Type IV.
- Gloss The gloss will be measured using a portable 60° gloss meter in accordance with ASTM D523, "Specular Gloss."

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- Color Retention Color retention of actual coating samples taken during the final and annual inspections may be measured in the laboratory in accordance with ASTM D2244, "Calculation of Color Tolerances and Color Differences from Measured Color Coordinates (D65 illuminant, 2° observer). Because instrumentation to perform this test does not lend itself well to field use, whether these tests can be performed accurately will be determined by the size of the field sample that can be obtained. Oftentimes, coating systems with good adhesion are difficult to field sample at the proper size for testing.
- Chalking Surface chalking, if any, will be evaluated in accordance with ASTM D4214, "Evaluating Degree of Chalking of Exterior Paint Films."
- Microscopic Evaluations The surface of the coating will be evaluated at 25 to 30X to determine if pinholes are present (in the initial application) and whether surface degradation appears to be occurring with exposure.
- Photographic Documentation Photographs of the initial and annual evaluations at each Experimental section as well as overviews of the entire bridge will be provided.
- Samples Coating system samples will be taken at Experimental sections during the final and annual inspections and retained. Should there be any evidence of premature paint film deterioration (e.g., chalking), the sample will be available for further laboratory analysis such as infrared spectroscopy and molecular weight testing. These test methods could be used to provide valuable information for tracking coating film degradation over time.

All destructive test locations will be hand sanded and brush touched up with a single coat of the same finish material at manufacturers expense.

4. STAFFING

PennDOT District personnel and the inspection firm contracted by PennDOT will be onsite during the construction phase of the project. The vast majority of documentation needed will be standard information contained within their daily inspection logs and reports. Data extracted shall be compiled by SW and/or rep. consultant.

Central office personnel (e.g., ETI Project manager & Chief Chemist) may elect to participate in interim inspections during construction and in the final inspection in which baseline data will be established. Participation in the annual inspections is also anticipated.

Depending upon the structure selected, it may be necessary for the District to provide personnel and equipment for access and traffic control during the annual inspections. PennDOT research shall cover the cost of these operations. Again, every effort will be made to select representative test areas that are more readily accessible.

SW will provide qualified representatives to evaluate the project during all phases of design and construction. SW, with an independent engineering firm, will provide qualified

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personnel to perform the final and annual tests and inspections. The 3rd party inspection firm will document and issue a detailed report to the participants. For comment by the Department

5. **REPORTING**

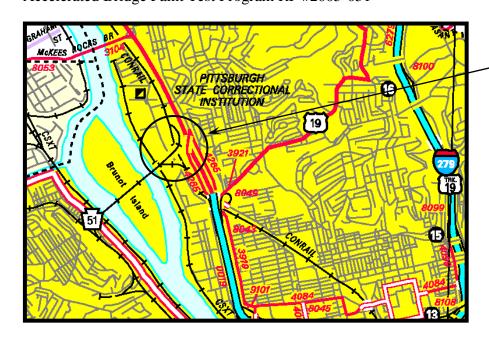
SW, with assistance from an independent engineering firm, will issue detailed reports documenting the results of the specified tests and inspections. In addition, the reports will introduce and summarize the project to date, discuss coating system tests and performance, and offer conclusions and recommendations as appropriate. The report will be submitted within 45 days of each of the inspections. A construction report summarizing coatings of all three bridges and initial performance will be compiled, reviewed and published by PennDOT. The final report will package all of the initial information collected during installation together with the annual evaluations and will be compiled, reviewed and published by PennDOT. Conclusions regarding the cost and performance relative to the Bulletin 15 three-coat system will be provided.

6. **BUDGET**

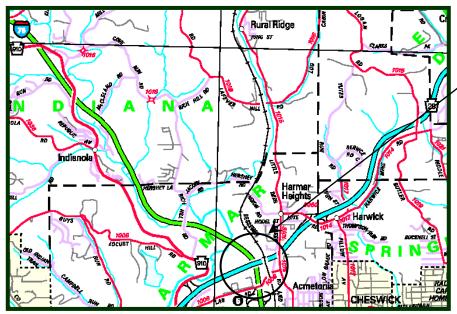
A) M&P of Traffic 3 inspections @ \$2000		\$6000
B) Cost for Central office wage for 6 inspections		\$6300
C) Mileage 425 @ .405 * 6 trips		\$1033
D) Overnights 2 employees* 6* 70 hotel +40 per Diem		\$1320
E) Cost for Central office wage for 2 report reviews		\$ 820
F) Publishing costs 2 reports (1200 each)		\$2400
Totals		\$16873
	Say	\$17000

7. TIME SCHEDULE

The time schedule will follow the construction schedule of the project that is ultimately selected for this test research project. The monitoring/evaluation period of the test coating will extend for approximately three years from project completion.



Location A
Structure 02-8043-0250-0000
California Avenue, Allegheny County
Engineering District 11-0, PENNDOT



Location B Structure 02-0028-0290-1112 Northbound Structure 02-0028-0291-1327 Southbound Both on SR 28 over Turnpike I-76 Allegheny County Engineering District 11-0, PENNDOT

ENGINEERING TECHNOLOGY AND INFORMATION DIVISION BUREAU OF CONSTRUCTION AND MATERIALS PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TO: RP #2005-051 AB Paint File

FROM: Marcella Jo Lucas

SUBJECT: Pre-Meeting with Sherwin-Williams

DATE: September 22, 2006

CC:

Pre-Meeting with the Sherwin-Williams Company

Attendees: Dave Kuniega, PennDOT BOCM & Marcy Lucas, PennDOT BOCM,

Eric Saltsman, Sherwin-Williams Company

Eric Saltsman from the Sherwin-Williams Co. Allentown Office was in the Lab to meet with Dave Kuniega before next week's meeting in District 11-0 at the project site Location A (California Avenue structure).

Discussion about material placement. This location has only one structure so a small control area should be completed for comparison. At least one beam with outside and interior exposure. Determining how much of the structure should have the experimental two coat paint system and the currently approved three coat paint system will be easier in the field next week. Location B has two structures so one can be experimental and one can be the control.

Discussion about cost comparison, even though the quantity of material will not be the same the costs are not that much different. The savings is in the amount of time spent on the application.

Next meeting will be September 28, 2006 at 1:00 pm at California Avenue project site, with District 11-0, BOCM, Sherwin-Williams and KTA Tator. Will prepare a list of ETI's concerns for discussion at the meeting.

ENGINEERING TECHNOLOGY AND INFORMATION DIVISION BUREAU OF CONSTRUCTION AND MATERIALS PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TO: RP #2005-051 AB Paint File

FROM: Marcella Jo Lucas

SUBJECT: Results of September 28, 2006 Meeting

DATE: October 6, 2006

CC:

Discussion with Dave Kuniega on outcome of September 28, 2006 Meeting in District 11-0

The District is in agreement that keeping track of production at Location A will be helpful for the comparison. (Staging, quantities, time, etc...). Location A should only take 2-3 weeks, but can give us a better idea of how long Location B might take.

Sherwin-Williams was not comfortable with the amount of inspection District 11-0 was planning for the project, so they have hired KTA Tator to be on site full time.

No paint work has been done yet at this location. The area for the test panel has been sand blasted.

FIELD REPORT

TO: Gary T. Hartman, PE

FROM: Marcella Jo Lucas

SUBJECT: RP# 2005-051 Accelerated Bridge Paint Program

District 11-0 Allegheny County

DATE: December 18, 2006

CC: M. Alaa Azab, PE; David Kuniega; File

Wednesday December 6, 2006

Dave Kuniega and I traveled to Pittsburgh for a meeting/construction final review with Sherman Williams and District 11-0 about the two coat paint system placed at California Ave. (Location A of RP # 2005-051). The two coats of the paint system are "Corothane I Galvapac One Pack Zinc Primer" which is a moisture curing urethane zinc-rich primer and "Fast Clad Urethane" as a topcoat.

On the trip out Dave filled me in on the issues that happened during construction. The samples sent into MTD were outside of Sherman Williams (SW) own tolerance ranges and it took awhile for them to get back to us as to why. The contractor subbed the painting to a contractor that SW considered inexperienced so they hired KTA-Tator to provide constant support and inspection during the placement of the two coat system. When the primer was opened at the site, the material's viscosity was thicker than expected and unacceptable for placement. Another batch was opened and that material was thicker than acceptable. Other state DOT's (Massachusetts, North Carolina, Texas, and Virginia) have had this problem along with the top coat peeling off the structures in sheets within months after placement. At the meeting tomorrow, SW needs to address these issues, so the District can decide if they want to use the two-coat paint system at SR 28 (Location B).

Thursday December 7, 2006

Dave and I went to the District 11-0 office for a meeting. Attending the meeting from Sherman Williams were Eric Saltsman, Mark Hudson, Dee McNeil, Arun Asarawala and Randy Carter. Attending from PennDOT were Doug Thompson, Dave and myself. This meeting was for SW to address the material issues that have occurred with the Galvapac primer and the Fast Clad top coat.

Explanation for the primer having a higher viscosity (appearing gelled when the cans are opened) than the product information sheets state has been attributed to how the product was manufactured. Originally, the primer was manufactured under a vacuum system, then after a problem batch, the plant manager switched to manufacturing in an open vat. The open vat system introduced more moisture into the primer, since the Galvapac is a moisture curing product while setting on the shelf the primer starts to cure. SW has gone back to the vacuum production for Galvapac. They have test data to show that the vacuum product does not have the viscosity problem.

Sherman Williams explanation for the top coat peeling at other state locations is that relative humidity affects the pot life of the Fast Clad. They think that pot life has expired and that contractors are not realizing that the material is no longer in optimum condition while they are applying the coating to the structures. I think if a second coat or over spray is applied before the top coat is dry hard it is reactivating the first top coat, so that it re-liquefies and just peels off.

Sherwin Williams is trying to address the primer and topcoat issues so that the two-coat system will work in the field. Dave would like SW to send him supporting data that the primer issue has been resolved through manufacture test data and that the top coat issue is addressed by changing the pot life and recoat times on the QC plans.

As to California Ave. showing timesavings data, this might not be apparent due to the inexperience of the paint sub-contractor. The sub also being delayed, due to the primer problem that he ended up having the restricted lane closed during peak hours for which he was charged might not show a savings. The inspector's field notes may show otherwise but will have to take a closer look at these notes.

We broke for lunch. After lunch Jim Foringer, ADE joined the meeting, his concerns are will the material issues be resolved in time for the SR 28 location next construction season and is there anything else that SW or the Department needs to do to resolve them. SW feels these issues are resolved. Dave would like more test data to back that up.

As to placement issues, adding training of the paint workers by the manufacturer to the contract would help. Discussion followed if SW should be present at the pre-bid meeting or just the pre-paint meeting, the District decided SW should just attend the pre-paint meeting.

For our information, we should run a baseline of the work plan tests on the California Ave. structure. We should also, obtain information about the structures in District 1-0 where this two-coat system was applied. This meeting adjourned, so that we could go out to see the structure.

For the construction project final review, Dave and I followed Doug out to California Ave. I took many pictures while Dave took some overall paint thickness readings. I discussed with Doug some of the construction information I would like to have and gave him a Field Evaluation Data Form. I need to send him an email with other construction information I would like for the file. Doug pointed out the control locations on the structure. We then traveled back to Harrisburg in the snow.

Note: As of December 15, 2006, the District has decided to change Location B from the SR 28 structures to a structure or structures on SR 79 that will be done in the 2008 construction season.

Research Project #2005-051 Evaluation of Accelerated Bridge Paint Program

Field Report January 22, 2010

> Prepared by: Sheri Little

Conducted by:
Evaluations and Research Section
Engineering Technology and Information Division
Bureau of Construction and Materials
Pennsylvania Department of Transportation



PROJECT LOCATION

District: 11-0 County: Allegheny

Structure: 02-8043-0250-0000

SR 8043 California Avenue Eastbound over SR 65 Ohio River Boulevard

DATE AND TIME

Field View date: November 18, 2009

Arrival time: approx. 9:30 am Departure time: approx. 1:00 pm

WEATHER CONDITIONS

Temperature: 57° F

Wind: calm

Sky and clouds: sunny and clear

Humidity: 53% Precipitation: none

TRAFFIC CONTROL

Traffic control was not setup for this field review. Access to the bridge test area was from the gore area between the SR 4265 California Avenue ramp and SR 65. This gore area is protected by concrete median barrier.

LIST OF ATTENDEES

- Central Office: Sheri Little, Marcy Lucas, Winson King
- Contractor: James Machen, KTA-Tator, Inc., 412-788-1300 ext. 220, jmachen@kta.com
- Manufacturer: Terry Tranter, Sherwin-Williams, 610-331-9376, terry.tranter@sherwin.com

FIELD EVALUATION

The Accelerated Bridge Painting Program is to evaluate Sherwin-Williams' two coat, fast-curing paint system on a bridge rehabilitation project. The system is comprised of an organic zinc-rich primer (SW Corothane I Galvapac One-Pack Zinc-Rich Primer B65 G11) and a polyurea-modified high-build urethane finish coat (SW Fast Clad Urethane B65950 Series). This system would be a replacement or alternative for the current three-coat paint system approved in Bulletin 15. The anticipated benefit of this product would be time-savings. Faster application time would take less labor and have shorter lane closures, which should reduce traffic interruption.

The California Avenue sub-structure has 3 spans that consist of steel curved girders with cross beams for lateral support. Span 3 is the area accessible from the gore area. Span 3 has 5 bays. Span 3 Bay 3 is the control area for the bridge, which is the standard three-coat paint system. The remainder of Span 3, Span 2 and Span 1 has the experimental two coat paint system. Span 3 Bay 1 is where the tests have been preformed for the experimental area and this span is to be representative for the whole bridge.

James Machen, from KTA-Tator, Inc., was the consultant that performed the required tests and inspections to both the experimental and control areas of the bridge. The consultant performed coating adhesion tests and a visual inspection of the structure. Paint control panels that were removed from the bridge were taken back to KTA-Tator's lab for color and gloss tests.



Photo 1, Performing Coating Adhesion Test



Photo 2, Aluminum test stubs pulled off the coating surface for the Coating Adhesion Test

There was some spot surface rust on the experimental area. Speculation by the KTA-Tator representative was there had been some initial problems during the start-up of the two coat paint system application. Based on these observations the KTA-Tator consultant plans to come back to the bridge to do a more in depth visual inspection and some additional Tooke Gage testing to measure the thickness of each coat. Winson King had taken some spot checking of the coating thickness and found that many rust spots were not meeting the specified thickness of paint. Attached to the end of the report is the dry film thickness readings taken from the experimental and control girder and readings taken from the control panels. It appears from sample testing performed that the three-coat paint system was applied



Photo 3, Control Panels attached to the Bridge

more consistent and within acceptable coating limits, but the two-coat paint system was applied inconsistently. The construction notes will also, be reviewed to determine if there were application problems that could lead to this early rusting.

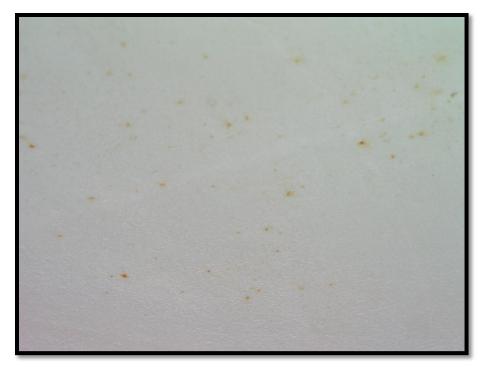


Photo 4, Spot surface rust on experimental area

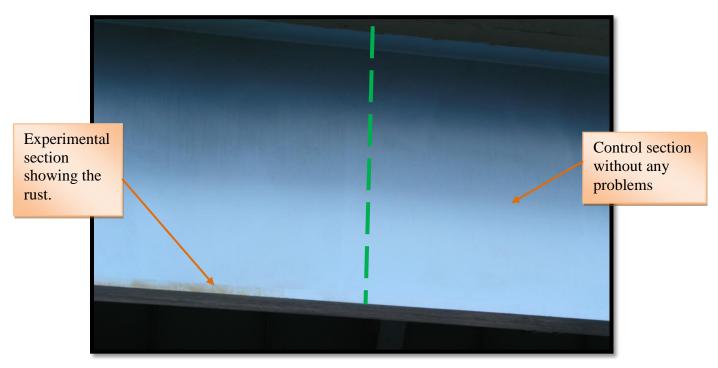


Photo 5, Shows the paint condition of the experiment and the control sections

This was the third review of the experimental and control areas for the research project.

California Avenue Bridge Readings 11-18-09 WPK

	Bay 3 Control Area - Dry Film Thickness Readings									
	Е	dge Readi	ngs	Web Readings						
			average				average			
15.2	14.8	14.5	14.83	20.1	19.1	19	19.4			
22	16.8	16	18.27	14.4	12.6	14.8	13.93			
					,					
11.4	12.8	11.6	11.93	16.7	17.5	16.8	17			
					,					
12.3	12.3	10.1	11.57	14.5	15	15	14.83			
		1								
12.7	10.6	10.2	11.17	11.4	13.2	13.7	12.77			
Average 1	Edge Rea	dings	13.55	Awar	enga Wah Dand	inas	15.59			
Bay 3	1 15 '	, •								
Stand	lard Devia	ation	3.00	Sta	andard Deviation	on	2.64			
Flange Readings Bay 3 OZ/E/U										
6.7	6.5	7.5	6.9	Α	Illowable Thic	kness Ra	nge 9-21 mills			
Γ	Three Coa	t Control S	System appears to have	e been ap	oplied within a	pplicatio	n guidelines			

		Bay 2	Experimental Area - l	Dry Film	Thickness Rea	adings		
	Е	dge Readi	ngs		Wel	b Readir	igs	
			average				average	
7.3	7.8	7.5	7.53	33.4	37.3	40.9		37.2
6.3	7.3	7.6	7.07					
	<u> </u>							
7.4	6.8	6.8	7					
7.0	1.6	6.0	0.6					
5.9	5.9 16 6.9 9.6							
Edge	Readings 1	Ray 2	7.8					
	dard Devia	·	1.22					
Stanc	aura Devic	111011	1.22					
	fla	ange readi	ngs		Ba	y 2 OZ/	U	
18	10.4	14	14.13	A	llowable Thicl	kness Ra	inge 9-26 mills	
15.1	17.3	16.1	16.17					
		-						
	readings		15.15					
Stand	dard Devia	ation	1.44					

Two Coat System appears to have been applied in a more variable fashion in terms of dry film thickness.

	Control Panel Plate #3 - Dry Film Thickness Readings								
	Contro	ol Panel P	Plate #3	Readings taken	adjacent to dated pull off				
			average	Pull off streng	gth at spot also recorded				
16.7	14.3	13.9	14.97	12/11/2007	2405				
12	14.4	11.7	12.7	10/22/2008	2770				
18.7	18.2	18.9	18.6	10/22/2008	1953				
13.6	13.7	15.1	14.13	12/11/2007	2038				
Plate #3	Reading a	verage	15.1	U/E/OZ					
Standa	ard Deviat	tion	2.51						

	Control Panel Plate #2 - Dry Film Thickness Readings									
	Co	ontrol Plate	e #2	Readings taken a	adjacent to dated pull off					
			average	Pull off strengt	h at spot also recorded					
10.2	9.4	10.6	10.07	10/22/2008	2525					
9.6	9.4	10.2	9.73	10/22/2008	2280					
11.9	11.9	11.9	11.9	12/11/2007	1632					
Plat	te #2 avera	ige	10.57	U/E/OZ						
Stand	dard Devia	ition	1.17							

	Control Panel Plate #4(span3) - Dry Film Thickness Readings									
	Contro	ol Plate 4	(span 3)	Readings taken ac	djacent to dated pull off					
			average	Pull off strength	at spot also recorded					
11.9	11.9	10.9	11.57	10/22/2008	1542					
9.4	9.1	10	9.5	10/22/2008	1708					
8.6	11.2	11.2	10.33	12/11/2007	1385					
Plat	e #4 avera	age	10.47	U/E/OZ						
Stanc	lard Devia	ation	1.04							

Panels 2, 3 and 4 in good agreement with KTA spreadsheet values

Physical access limited by length of reach resulting in limited DFT work. Initial inspection DFT records should be reviewed for Bays 1, 2 and 3. Two Coat System is more variable and exhibited more rust on bridge. Took gauge readings should be taken in areas of pinpoint rusting, solvent issues related to initial high viscosity primer may have contributed to greater than expected presence of rust on Two Coat Areas. Three Coat Control System did not exhibit pinpoint rusting on the bridge structure. Performance of the Two Coat System was not equal to the Three Coat Control paint system applied to the structure.

FINAL REPORT

Accelerated Bridge Paint Test Program

Pennsylvania Department of Transportation Bureau of Construction Materials

Research Project No. 2005-051

Prepared For:

Sherwin-Williams Company 101 Prospect Avenue N.W. Cleveland, Ohio 44115-1093

Attn: W. Doni Riddle, V.P., Protective and Marine Sales

Prepared By:

KTA-TATOR, INC.

115 Technology Drive Pittsburgh, PA 15275 412.788.1300 (phone) 412.788.1306 (fax)

www.kta.com

James D. Machen James D. Machen Senior Consultant

January 14, 2010

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INTRODUCTION

The Sherwin-Williams Company (SW), in conjunction with the Pennsylvania Department of Transportation (PennDOT), undertook a research project to explore new fast-cure coating technologies for bridge painting. The project duration was three years and was designed to evaluate if the new coating product could assist with "fast tracking" of bridge painting projects. The technology, termed "Accelerated Bridge Painting," utilizes a two coat, fast-curing paint system based on an organic zinc-rich primer (SW Corothane I Galvapac One-Pack Zinc-Rich Primer) and a polyurea modified, high-build urethane finish coat (SW Fast Clad Urethane). This new technology is being evaluated as a replacement for, or complement to, the standard PennDOT three-coat bridge painting system consisting of a zinc-rich primer, an epoxy intermediate coat, and a urethane finish coat. This report presents the results of the annual tests and inspections preformed over the project duration, along with a discussion of those results.

SUMMARY

With the exception of pinpoint rust problems that occurred in the two-coat (OZ/U) test spans, the two-coat system performed as well as, and in some instances (i.e., adhesion, gloss, and color retention) slightly better than the three-coat (OZ/E/U) system applied for comparison.

Even though some application and materials problems were encountered with the twocoat test system early in the project (that may have facilitated the pinpoint rusting problems), by project end, virtually all problems were resolved. As a result, the study indicates that the twocoat accelerated bridge paint system does show promise and warrants further consideration.

BACKGROUND

SW contacted KTA-Tator, Inc. (KTA) in 2005 to assist in the implementation of the accelerated bridge painting research study in conjunction with PennDOT. The study included design phase work and construction phase work, along with a three-year exposure/evaluation phase that included an annual protocol of field and laboratory tests and inspections.

Design Phase

As a part of the Design Phase, a "Work Plan" (See Appendix 1) was developed and submitted to PennDOT for review and acceptance. The plan was designed to address key components such as the scope of work, plan of study, and staffing.

Scope of Work and Plan of Study

The plan originally included two separate bridge structures located in PennDOT Western Pennsylvania District 11-0 for inclusion in the study. The structures presented by PennDOT for inclusion in the research project included SR 28 (Northbound Bridge) over the Pennsylvania Turnpike (Research Bridge #1, Bridge I.D. 02-0028-0290-1112) and the California Avenue Ramp Bridge over SR 65 (Research Bridge #2, Bridge I.D. 02-8043-0250-0000). The California

Avenue Bridge (Research Bridge #2) was the first project undertaken. The SR 28 research project was not performed. Therefore, the California Avenue Bridge research project is the sole subject of this report.

Contract specifications were prepared in the standard PennDOT Publication 408 Special Provision format (see Appendix 2) and provided specific project requirements for all aspects of the painting work. Upon PennDOT review and acceptance, the special provisions were included in the contract work package for competitive bidding. Specifically, Special Provision Item 9070-0001- "Painting Existing and New Structural Steel Using an Accelerated Bridge Painting System" was prepared for the application of the two-coat research system and Special Provision Item 9070-0002 – "Painting Existing and New Structural Steel Using Organic Zinc-Rich System," was prepared for the application of the standard PennDOT approved three-coat system. The standard three-coat system was applied to specific areas that were clearly identified in the project plans and drawing. The standard three-coat system was used as a "control" to which the two-coat system could be compared and evaluated.

The study sections of the bridge were selected with future access in mind. In that regard, in order to minimize traffic disruption and facilitate ease of annual inspections, Span 3 of the California Avenue Bridge was designated for the study. The ground elevation beneath Span 3 from abutment wall EB 4 to concrete Pier 2 extends over a Belgium block-type covered apron. The bridge elevation at that point is low enough to be inspected with an extension ladder. SR 65 traffic passes on each side of Span 3 and is only separated from the vehicular traffic by an approximately three-foot- high concrete Jersey-type barrier. Therefore, the entire span is equally subject to exposure from misting and splashing moisture from both the roadway traffic on either side and from the ramp above.

Bay 3 of Span 3 was designated for the application of the three-coat control system and the remainder of the Span 3 (and also the remainder of the bridge) was coated with the two-coat research study system. As a result, the two-coat research study system applied in Bays 1 and 2 of Span 3 were readily available for comparison to the standard three-coat system applied in Bay 3.

Upon completion of the field painting, a one-day final inspection was performed to assess the overall quality of application. In December of 2006, KTA and Sherwin-Williams performed inspection and testing on the two- and three-coat control sections of Span 3 in order to establish baseline data of the coating characteristics. Over the next three years (exposure/evaluation phase), annual inspections were performed in the established locations. The results of the inspections were documented to accurately assess any change in coating integrity or performance resulting from the field exposure.

In conjunction with the field painting operations, eight steel test panels (approximately 6" x 12") were simultaneously prepared and coated by the contractor with the two-coat research system and the three-coat control system. The test panels were retained and upon project completion, six of the eight panels were strategically placed within Span 3 such that they were subject to the same exposure environment as the bridge. The remaining two panels were retained as controls and returned to the KTA laboratory where they were stored for the project duration in

a controlled environment. At each annual inspection, the panels were removed from the bridge and returned to the KTA laboratory for testing and comparison with the control samples. Upon completion of annual testing, the panels were replaced on the bridge.

Staffing

SW technical support for the project duration was provided by Mark Hudson, Corrosion Specification Specialist and Thomas Callaman, Technical Service Representative. KTA technical support for the project duration was provided by Senior Consultant James Machen and KTA laboratory personnel. Daily construction phase oversight inspection and assistance to PennDOT inspection personnel was provided by Senior KTA Inspectors William Butterini or Charles Stuart. PennDOT Inspectors Tom Turney and John Zamosky performed all routine daily inspections and testing of the painting work.

Construction Phase

The contract work was competitively bid and the contract was awarded to Corcon, Inc. of Lowellville, Ohio. Corcon began work in early October 2006 and completed work in mid-November of 2006. Both PennDOT and KTA prepared daily inspection reports that addressed key project concerns such as contractor staffing, equipment, production rates, and work quality. The reports also contained the results of daily quality control tests and inspections performed by PennDOT. Copies of the "Daily Inspection Reports" are attached in Appendix 3.

Corcon experienced some equipment, coating material, and application problems early in the project, particularly with the two-coat research system. As the project progressed, these problems were resolved. Details and a discussion of these problems are presented in the "Discussion" section of this report.

Upon completion of field painting operations, a final inspection was performed to assess the overall quality of application and develop a punch list of items (i.e., areas in need of touch-up) that needed to be completed before contractor demobilization. That work was completed by the contractor.

Exposure/Evaluation Phase

In December of 2006, KTA and Sherwin-Williams performed field inspection and testing on the two-and three-coat control sections of Span 3 in order to establish baseline data of the coating characteristics. Over the next three years of the exposure/evaluation phase, annual inspections were performed in the established locations. The results of the inspections were documented in order to accurately assess any change in coating integrity or performance resulting from the field exposure.

Also as a part of each annual inspection, the test panels were removed from the bridge and returned to the KTA Laboratory for testing. Upon completion of testing, the panels were replaced on the bridge. The test and inspection protocol for the painted bridge surfaces and/or

the test panels included a visual inspection, measurement of coating thickness, coating adhesion, gloss, color retention, and chalking as described below. Tables providing a year-to-year comparison of test and inspection results are attached in Appendix 4.

Visual Inspection

A visual inspection was performed on the field control locations in Span 3 to characterize the overall coating system appearance. Areas of rusting and coating degradation were documented and photographed. Rusting was evaluated with the assistance of SSPC Vis-2, Visual Standard for Evaluating the Degree of Rusting on Painted Steel Surfaces.

Visual Inspection - Year 0 to 1

At the baseline inspection conducted in year 0 (2006), both the three-coat (OZ/E/U) system applied in Span 3, Bay 3, and the two-coat (OZ/U) system applied in Span 3, Bays 1 and 2, were in good condition. By the end of Year 1 (2007), the two-coat system in test Bays 1 and 2 displayed minor pinpoints of rust along flange edges (i.e., girders, floorbeams) and bolt heads and threads. Minor staining/bleeding was observed in some crevice areas. The pinpoint rust along flange edges most closely approximated SSPC Vis-2 Rust Grade 9-P, 0.03% Rusted.

There was no visible difference in color, gloss, or chalking in the two-coat bays versus the three-coat bay.

Visual Inspection - Year 1 to 2

In Year 2, edge rust on flanges noted in Year 1 had increased slightly, and scattered patches of pinpoint rust also became visible on the bottom flanges, webs, and stiffeners of girders and floorbeams. The rate of scattered rusting most closely approximated SSPC Vis-2 Rust Grade 9-P, 0.03% Rusted to 8-P, 0.1% Rusted. Many of these areas had the appearance of application-related "thin spots" in the coating film.

The appearance of the three-coat system in Bay 3 generally remained consistent; however, two or three minor and isolated single pinpoints of rust had formed along the bottom flange edge of a few members.

There was no visible difference in color, gloss, or chalking in the two-coat bays versus the three-coat bay. There was a thin layer of dirt, soot, and grime on all painted bridge surfaces, particularly on the top flange surfaces.

Visual Inspection - Year 2 to 3

By Year 3, the edge rust on flanges noted in previous inspections had again slightly increased. Most notable was the increase of splotchy, streaky patches of pinpoint rust on the flanges, webs, and stiffeners of the east fascia girder. The rust rating of 9-P noted in 2008 increased in 2009 to a range of 8-P, 0.1% Rusted to 7-P, 0.3% Rusted. The appearance of the

splotchy, patch-like pinpoint rust area had a more pronounced application-related "thin spot" appearance than was apparent in 2008.

The appearance of the three-coat system in Bay 3 generally remained good. A "halo" of rust stain had formed on the coating film around the periphery of the single, isolated pinpoints of rust noted in Year 2. In addition, a few isolated pinpoints of rust were visible on the top flange of some members.

There was no visible difference in color, gloss, or chalking of the two-coat system versus the three-coat system. There was a general thin layer of soot, dirt, and grime on all surfaces. This was wiped off with a clean cloth for visual inspection purposes.

Because the splotchy, streaky patches of pinpoint rust in the two-coat test bays appeared to be thickness related, dry film thickness measurements (both destructive and non-destructive) were performed in and around the pinpoint rust areas. The measurements clearly identified a relationship between dry film thickness and the occurrence of pinpoint rusting. In simple terms, thinner areas exhibited pinpoint rust, and thicker areas did not.

Non-destructive measurements (using a Positector 6000 Magnetic Dry Film Thickness Gage) identified that the total coating system thickness in rusted areas ranged from 4.5 to 5.7 mils. Destructive (Tooke Gage) measurements indicated that the thickness of the Corothane I Galvapac Zinc-Rich Primer ranged from 2.0 to 3.0 mils and the Fast Clad Urethane Finish ranged from 2.5 to 6.0 mils in these areas. The total coating thickness of non-rusted areas surrounding rusted areas was considerably greater, ranging from 8.3 to 13.4 mils.

Coating Adhesion

Coating adhesion was measured on the field applied two coat and three coat systems and on each of the 8 test panels in accordance with ASTM D4541, "Pull-Off Strength of Coatings Using Portable Adhesion Testers."

Summary of Coating Adhesion Measurements

Adhesion measurements were inconsistent on both the three-coat and two-coat systems applied on the bridge and also on the field coated test panels. The average and the variability of measurements over the three year study period are presented below.

Two-Coat System

The average adhesion of the two coat system applied to the bridge was 1,430 psi and the range of variability was 1,027 psi. The average adhesion of the two-coat system applied to field exposed test panels was 1,761 psi while the control panel was 2,310 psi. The range of variability was 667 psi.

Three-Coat System

The average adhesion of the three-coat system applied to the bridge was 1,634 psi and the range of variability was approximately 1,000 psi. The average adhesion of the three coat system applied to field exposed test panels was 1,747 psi while the control panel was 1,970 psi. The range of variability was 517 psi.

Regardless of the inconsistencies and variability of the adhesion measurements obtained, results indicate that both the two-coat and three-coat systems were initially well adhered and remained adhered throughout the study period.

Gloss

Finish coat gloss on all test panels was measured using a portable 60° gloss meter in accordance with ASTM D523, "Specular Gloss." The average gloss and range of variability over the three year study period is presented below.

Summary of Gloss Measurements

Gloss measurements were inconsistent on both the three-coat and two-coat systems applied on the field-coated test panels. The average gloss and range of variability over the three-year study period is presented below.

Three-Coat System

The average gloss of the Acrolon 218HS Finish on the three-coat field-exposed test panels was 5.2 while the control was 10.3. The range of variability over the study period was 3.4 units.

Two-Coat System

The average gloss of the Fast Clad Finish on the two-coat field-exposed test panels was 11.6, while the control was 23.9. The range of variability over the study period was 3.6 units.

The inconsistency and variability of the gloss measurements was likely a result of the rough finish coat texture that was achieved on the test panels. Gloss measurements are most consistent when performed on smooth laboratory-coated test panels; however, the test panels for this study were coated in the field while the bridge was painted. As a result, the surface of the finish coat on the field-coated test panels was much rougher and sometimes approximated an orange peel-like texture on both the two-coat and three-coat systems. While the surface finish on the test panels was rough, it was more representative of how the field-applied coating on the bridge actually appeared.

Even though gloss measurements were inconsistent, results indicate that the Fast Clad Urethane Finish of the two-coat system urethane retained gloss better than the Acrolon 218 HS Urethane Finish of the three-coat system.

Color Retention

Finish coat color retention of the field exposed test panels was measured in the KTA laboratory in accordance with ASTM D2244, "Calculation of Color Tolerances and Color Differences from Measured Color Coordinates" (D65 illuminant, 2° observer). The average color shift on test panels is presented below.

Summary of Color Retention Measurements

Three-Coat System

The change in color for the Acrolon 218HS of the three-coat system varied from 5.8-12.4 between test panels. The average color shift after three years was 9.12, which is significant. The color shift of the control panel in comparison was 3.66.

Two-Coat System

The change in color for the Fast Clad Urethane of the two-coat system varied from 5.4-5.9 between test panels. The average color shift after three years was 5.4 which, although significant, was substantially less than the color shift exhibited by the Acrolon 218HS. The color shift of the control panel was 3.69.

The inconsistency in color retention measurements is likely a similar result of the same surface texture issues on test panels described in the Gloss Measurement section above. Again, even though color shift did occur on both the Acrolon 218HS and the Fast Clad Urethane topcoats, in this test study, the Fast Clad Urethane color retention was better than the Acrolon 218HS.

Chalking

Surface chalking of field test sections and on test panels was evaluated in accordance with ASTM D4214, "Evaluating Degree of Chalking of Exterior Paint Films."

Summary of Chalking Measurements

From the end of Year 1 (2007) to the completion of the study, both the Fast Clad Urethane and the Acrolon 218HS finish coats maintained a chalk rating of 8, which indicates very slight chalking. Both the Acrolon 218HS and the Fast Clad Urethane appear to have good chalk resistance qualities.

Photographic Documentation

Photographs of the initial and annual evaluations at each control section as well as overviews of the entire bridge are provided in Appendix 6.

DISCUSSION

With the exception of the pinpoint rust problems that occurred in the two-coat (OZ/U) test spans, the two-coat system performed as well as, and in some instances (i.e., adhesion, gloss, and color retention) slightly better than the three-coat (OZ/E/U) system applied for comparison.

With regard to the pinpoint rust problem, the pattern of pinpoint rust suggests that a uniform film of coating was not applied in these areas. A review of Daily Inspection Reports confirms that coating material (material appeared thick in the can) and spray application problems with the Corothane I Galvapac Zinc Primer (material not atomizing properly/clogging of spray gun) occurred during early paint operations. The Corothane I Galvapac Zinc Primer is a moisture-cured urethane formulation. Industry experience has shown that moisture-cured urethane formulations are more sensitive to "package stability" than other high-performance coatings such as epoxies, aliphatic urethanes, etc. In fact, special processes are needed during manufacture of moisture-cured urethanes to maintain product integrity. Unfortunately, the contractor's "learning curve" and issues associated with the application of this primer, along with product stability issues with the initial batch of primer, appear to have affected the application characteristics in early phases of the project. As a result, in spots where the two-coat system was applied too thin, pinpoint rust problems developed. In addition, the contractor used a mesh size of Black Beauty abrasive that produced a surface profile that was slightly deeper than specified (specified depth 1.5 to 3.5 mils, actual up to 4.5 mils). While profile depth problems are often encountered on field projects, they are generally overcome by making simple and slight adjustments to increase the total dry film thickness. Increasing the thickness allows for sufficient coverage on the highest peaks of the increased surface profile depth. However, in instances where material and spray application problems resulted in a non-uniform coating film being applied, the highest peaks of the surface profile may not have been sufficiently covered. These problems likely contributed to and explain why the non-uniform, thin coating film applied to spans early in the project formed scattered streaks and patches of pinpoint rust.

SW worked diligently with the contractor (including supplying a new batch of Corothane I Galvapac Primer) to resolve these issues and, as the project progressed (particularly beyond Span 3 where work began) application and material issues were resolved. It appears that initially the contractor may not have been as familiar with the application characteristics of the two-coat system as with the more traditional three-coat system. In other words, there definitely appeared to be a "learning curve" involved with the application of the new technology two-coat test system. By project completion, it appears that the contractor had become familiar with the application characteristics of the two-coat test system. It appears, at least with binoculars from the ground evaluation, that spans coated with the two-coat system later in the project (i.e., Span 1) do not exhibit the same pinpoint rusting as those coated early in the project. In that regard, it may be prudent to inspect bays coated with the two-coat system later in the project for

comparison with the three-coat system. This would require the project study period to be extended, along with traffic control and access (lift type-vehicle) to inspect these areas. PennDOT personnel present at the 2009 inspection indicated that that the Department may be amenable to providing traffic control and access for such an inspection. PennDOT Materials Testing Division and Construction & Materials Division personnel present at the 2009 inspection were Mr. Winston King, Ms. Marcie Lucas, and Ms. Sheri Little.

Discussions with SW and the improved performance of the batches of Corothane I Galvapac Primer used on the project indicate that package stability issues have been or are being addressed. Therefore, if, in fact, an inspection of Span 1 can be performed and results indicate that all early project problems were overcome, it appears that the two-coat accelerated bridge paint system does show promise and warrants further consideration.

Production Issues

In addition to all of the coating quality evaluations performed during the study, the manhours needed to apply the two-coat versus the three-coat system were tracked. While contractor manpower issues, construction coordination issues, and equipment downtime issues made actual man-hours more difficult to track, information obtained from the Daily Inspection Reports indicates that the manhours needed to apply the two-coat system are considerably less than the three-coat system. While this manhour savings is obvious (two-coats can obviously be applied faster than three), the accelerated curing properties of two-coat system allowed for faster recoat and shorter time periods before quality control inspections (i.e., dry film thickness measurements, visual inspections) could be performed. As a result, problem areas were identified earlier and repairs (i.e., touch-up) were made faster. In some instances, the fast curing properties allowed both layers of the two coat system to be applied on the same work shift.

With the issues discussed above in mind, field information indicates that the actual manhours needed to complete the two-coat system were approximately 25% to 45% less than the three-coat system.

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KTA Daily Painting Inspection Report 2003

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Coating System Inspection Report

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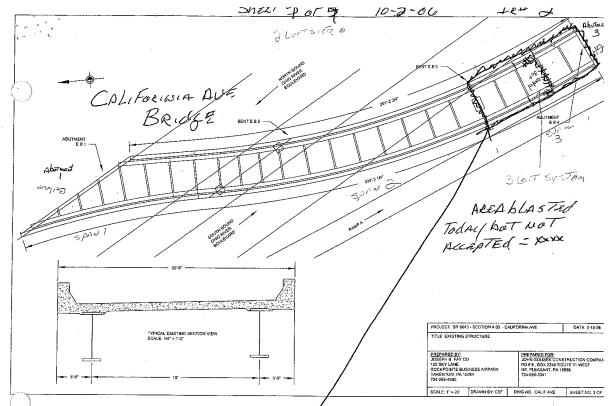
Daily Painting Inspection Report

ENÉRAL IN	FURN	AHU								₹ No.:	7
	ractor:						Inen	t Jof			
Cuna	S Contractor:			ecoa) KTA				nspector: Bill 130-TTa2101 (TA Job No. 260759			
Crew Crew	Start:	7:30+	4 Stop:	4.	301) in					
Inspe	ector S	tart: 7	30ASt	op: ک	30 D	m	10h	SCA	Mond	ay	
HUBARD	/W5	TALLI	NGTI	hE C	מול למוש. דיין	IW ME	WT DA	1574	LEAV	U/A/AA	1-02
me DB	WB	RH	DP	ST	+/-	Wind	Direction	We	ather	Opera	tions
F°	F°	%	F°	F°		&	Speed	Cond	ditions	Perfo	rmed
304 65	59	70	55	64		0		PART	4/5000	/ A	LC
of 70	63	68	59	66		0)	PARTL	1 Lows	AZ	Z
									(
		SURF	ACE PR	EPAF	ATION						
		_									
Performed		Sat				Sat	Unsat	N/A	Sat	Unsat	N/A
			- T								
fins, slivers	, etc.	Ø	$+\overline{\Gamma}$		Ħ┪	一一		$\overline{\Box}$			
		Į	╅	+	ᆔ	一一		Ħ		П	
		図	+ -		$\overline{\sqcap}$	Ť	 	Ħ	<u> </u>	The second	Ħ
		図			$\overline{\overline{}}$	一一		$\overline{}$			
		团					1-5-1				
		Ø									
Location /	Time	1:300	m/ /	mae i	3502		7			7	
Results		11-24	< 27	,,,,,,							
Specified		Z/	011				-				
Actual		< 0/	10	r 1 10	Tel		<u> </u>		 		
Specified		-3/70 C		y ec	11-12	14:	5 1 1	11 /	 		
Actual		\vdash	12-1-1	4	/U /	1.5.2.	1 1 60	, , ,-			
Specified		 		1 1/					 		
'	m²)	 		(F	<u> </u>				 		
		na 🗆	Hand to	ol n	Power	tool 🗆	LPWC n	HPWC	I UHF	- LW	
& Equipment Di Other:											
Briefly describe equipment: GOUNGSTPOT Abrasive Media Manufacturer: Type Right 2 = 0.514 Base Metal Reading (BMR) Record in miles Co.											
Туре	Blac	K Bā	DOTY	Bas	e Meta	Readin	g (BMR)	Reco	ord in mil	s 46	 ,
Record in psi Pressure Record in psi											
550 '	1.09	υ		1		Bv:		Ц			
	ate: //	. 7	16			<u> </u>				Date:	
							A PM	···			
		1-4'	- Onti al			<u> </u>	/ \ 1 IVI				
	me DB F° 36A 65 70 Performed fins, slivers Location / Results Specified Actual Specified Actual Specified Actual (µg/c pi Abrasive □ Other: Briefly descri	Crew Start: Inspector S Fig. 5 A	Crew Start: 7:300 Inspector Start: 7:300 Insp	Crew Start: 7:30 A Stop: Inspector Start: 7:30 A Start: 7:30 A Stop: Inspector Start: 7:30 A Stop: Inspector Start: 7:30 A Stop: Inspector Start: 7:30 A Start: 7:30 A Stop: Inspector Start: 7:30 A Start	Crew Start: 7:30A Stop: 4 Inspector Start: 7:30A Stop: 4 From Red INSTALLING THE CALLES CAS GOT ACCORDING MABBIENT CONDITION	Inspector Start: 7:30 A Stop: 436 Proched INSTALLING THE CONTROL AMBIENT CONDITIONS THE DB WB RH DP ST +1- F° F° 9% F° F° SURFACE PREPARATION BAY 3 SOA 3 Performed Sat Unsat N/A fins, slivers, etc. D D D D Location / Time 300th Compassor Results SAT Specified SAT D Actual SPG RESULTATION Specified Actual SPG RESULTATION Actual SPC RESULTATION ACTUAL (µg/cm²) BAP Abrasive Blasting D Hand tool D Power DOther: Briefly describe equipment: Gov Mast For Type Shark Brasty Base Meta Size 1240 Nozzle Air Pressure Reviewed Date: 10-3-06 Signature	Crew Start: 36A Stop: 4:30 pm	Crew Start: 30A Stop: 4:30 p.m. Date Inspector Start: 7:30A Stop: 4:30 p.m. Top. Top.	Crew Start: 730A Stop: 4:30 pm Date: 10- V Inspector Start: 730A Stop: 4:30 pm TOKSCLA FINANCIAL INSTALLING THE CONTAINMENT, BLAST d LINES STATE TO ACCOUNTIONS THE DB WB RH DP ST +1- Wind Direction We F° F° 9% F° F° SOP 70 63 85 59 66 O PACT SURFACE PREPARATION BAY 3 SDA4 3 Performed Sat Unsat N/A Sat Unsat N/A fins, slivers, etc. I S D D D D D D D D E D D D D D D E D D D D	Crew Start 30A Stop: 4:30 Mark Mond Mon	Crew Start 30A Stop: 4:30 pm Date: 10-3-06 Inspector Start 7:30A Stop: 4:30 pm TORSULA Monday Inspector Start 7:30A Stop: 4:30 pm Torsula Inspector Start 7:30A Stop: 4:30 pm Torsula Inspector Start 7:30A Stop: 4:40 pm Torsula Inspector Start 7:40A Start Torsula Inspecto

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Project: SW ACCELERATED	Name: BUTTERINI	Date		neet of B IR No.:
BRIGER PAINTAS	Complete items below v	vhen requir	red by scope of	services
	CList separately: Subcontractors.	IG/EQUIPM	ENT are T&M and Br	rotest Work)
No. of Workers		Hours	Total Hours	Location and
or Equipment	Trade or Type of Equipment	Used	Used	Description of Work
	2 DOST COLLECTORS			
	I VAC TRUCK			
	2 GTON BLOST POTS			
	1 FORKLIFT			
	[(1300) CompRESSOR	-		
, , , , , , , , , , , , , , , , , , , ,	I deconton 12 Tow PAILS	Æ		
1 bhas TER	1 Aie de VER			
3 Lubrezozs	1 STEAKBEN TRUCK			
1 FOREMAN	AIRLEST GRACO 56:	1 XTRE.	ME DUMP)
	60	MMENTS	/ /	
KTA OU S.TA		DUTOR ((cecoo) o.	N SITE WILLS
	EY CONTINUE TO MO	7 47		WTAINMANT AS
	BY MOE INCO NER			OPINIUSS ALL
	CTS FOR THE VACO			
blaster	STORTEN BLAST CO	EANIN	OPARAT	10W IN BAY 3
RA 1/2 =	3 USING 1240 BLA		DUTY, AT	1.45 PM.
3 COATS	SDAW3 IS THE		10W IN 1	which The
30 OT SUITE	MERININ WILLIAM :	51/5/F	en Will E	DE Applial.
	TE CONTING), AND JAC			ODOXI/ HHIG NSF
RIASING	OPECATION 5 WE	<u> </u>	N 7218 1	2/1/2/2
	and PENNDAT IN	SPECI	20 3/0 DDF	
1 / 0 0 / /	,	LACTEC		bLA3/. 1/2
AS REQUI			MINS ON	700
	AS BLAST CLEANE	= 1 6 7	HIW 3 ON	CENTRAL CONTRACTOR
WILL REDLOS	This AREA Tomos	PACOL)	1. Il Carrie	
APERA TION			PENN DOT	1057 2 To MI
4:30 PM		14000	· ····································	01 1 3/12 14
				
ROAD CLO	SURG (MAT).	91000	To 3:00	pm 1 South
bound LANET		1 OV AM	10 3:00	years 1 200/ K
			· · · · · · · · · · · · · · · · · · ·	
				

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	•	•	



CLASS 1-A CONTAINMENT USING IMPERMEABLE TARPS. WORKING OFF OF A WORK SCAFFOLD CABLE DESIGN. = ~~~~~



Coating System Inspection Report

3 COAT SYSTEM

SW Accelera	TED B	Ridge	PAUT	SYSTE	m 5To	adu o	υC	aLil	FORWI	a Au	EN BRICE	
	,- -	GÉNE	RAL INFOR	MATION		: / _.			Shee	t / of h	IR No.: ₹ ,	
Client Sherwin I	Villian	1ブ	Contractor: CORCON					Inspe	Inspector: Bill BUTTERINI			
Client Contact: MA	ek Hu	c(501)	Superviso			KE			KTA	Job No.20	0759	
Project: ACLELERATION	SE	Crew Star	t: 7,600	رStop:				Date:	16 11	-06		
Shift: PALORNO	57004	7	Inspector	Start: 7/3	O A Sto	p: 5:3	ODE	1	Day:	WELL		
Shift: PAURSC Work activities perfor	med toda	y: <i>B</i> Z,	OST CLEA	ON BA	4/3	SPAN3,	PAG	PLIA	I PRI	m 5 C		
Span 3 (Show location on draw	ina):			Bay		5 in on drawin			1	3243		
Control Panel Placen	nent	ΖYε	s 🗌 No			ntainmen		obile				
(Show location on drawi	ng):			cont	ainmen	t used – re			tion	NA		
					noval tin	nes - n on drawin	α\1·			MA		
						BLASTING		-				
Start time:	7:30	on	Sto	p time:		11:30,			Rework t	ime.	2hours.	
Number of		<u></u>		feet bla		COUGHLY			otal Mani		Lucies	
blasters:	/			eaned:	1	600 2"	.		of men x			
				COATI		PLICATIO	N		Tagge and	A :		
Manufacturer /	Quan		Batch	Nur	nber	Applica	ation	App	lication	Down	Reason for	
Product Name	Mix		νο.		of	Start T		Sta	rt Time	time	downtime	
B69-VL100	(ons)	A) NVO 53/6/P	Appli	cators	 		370f	·		, , , , , , , , , , , , , , , , , , ,	
DW 111 H3	6.50		0x0536R B) 0x0826	P	1	2:009 1	2:009 M		5 pm	30 miss	MX PAINT & ENDIT FOR SURVIT-10	
Recoat Times	Coat 1		Z) 3W 06-08) 3W 06-08 Coat 2:				Coat	3:			
	DRY FILM	THICK	NESS	1 1	1917.4		L to Dis	. ny 1975	TRAFFIC	CONTROL	en e	
	Minim	um	Maximum	Ave	rage				Start	Stop	MPT Time	
Coat 1		/ .	$f \cap$	-		Road C	losure	,	n	11		
Coat 2	/	-//		=		Comme	nts:			/		
Coat 3	 	1		 		1			,			
				STAFF	NG/EC	UIPMEN	IT	- 1		74 1.48		
No. of Workers					Hou		tal H	ours		Locat	ion and	
or Equipment			Equipmer		Use		Use				on of Work	
3 workers	SE	F Ri	post#.	2								
[1 BLADTER]	Buta	0	/								4.74	
1 halper												
1 Focas		1				-						
	1											
Comments:	<u> </u>	n.	TACHE		7				· · · · · · · · · · · · · · · · · · ·			
	SAE	14	MERK	MEW!								
			···									
				 								
Inspector: B, // /	7	-0 1		-	· .	Reviewed	By:					
Signature Rul	ع 77 ن (KIN	Date: 10	11 101		Signature					Data	
Distribution:		ant .	Date. 10				,	/T / F			Date:	
DISTRIBUTION.		311L		L_ Con	tractor		ļЦK	(TA P	IVI		Other	

21 / 701 1 1		
Note: This inspection report represents information gathered by the	KTA incrector. It provides a record of measurement	to and/or observations believed to be
I Province in Business of the	12111 htspector. It provides a record of incasurement	is allutor observations believed to be
accurate. This inspection report shall not be repro	duced except in full without the written approval of	FKTA Tator Inc
	rateda, except at tait, without the written approvar o	TICIA I dioi, inc.
XTA Coating System Inspection Report 2006	©Copyright KTA-TATOR, INC, 2006	C XXX TO
XXX COMME DYSICH RESUCCION RESOUR ZIMB	,	S-W Project



Daily Painting Inspection Report

	GENE	RAL II	VEORI	ATIO	V				Shee	t Yof	411	ج :.R No				
Client: Contractor:																
Client Contact: Supervisor					/Foreman:						KTA Job No. 260759					
Project: Crew Start					Stop	:	 ,		Date		-4-06					
Shift: Inspector				Start:	s	top:					Mond					
Work activities performed to	day:	<u></u>	-										 -			
				ΔME	IENT C	OND	TIONS									
Location	Time	DB	WB	RH	DP	ST	+/-	Wind	Direction	We	ather	Opera	tions			
105.cla Contamment		F°	F°	%	f°	F°			Speed		ditions	Perfo				
BA13 52AN3	ECCA	62	58	79	55	.63						*				
7	12:30f	77	68	63	63	77										
	4:30/34	78	70	69	68	7)							· · · · · · · · · · · · · · · · · · ·			
						<u> </u>		1		1						
				SURF	ACE P	REPA	RATION	t iii								
Item(s) Prepared or Item No. (Sketch location on T3060-e)	0.			1]					
Operations Reviewed or Te	sts Peri	ormed		Sat	Un	sat	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A			
Test section prepared				区]										
Condition of edges, weld spa	tter, fins	, sliver	s, etc.	Ø]										
Grease, oil, contaminant rem	noval			¥]										
No visible moisture				7	10	1										
Protective coverings in place				図	\top_{L}	1										
Dust and abrasive removal				[7]		3							1 🗂			
Clean and dry abrasive				3		1						Tā	十一			
Other:						5 +	図						15			
Compressed Air Cleanliness	Loc	ation /	Time	Pe 1550	019	3115,	on .		7		 	7				
		ults	20	1 (12)		47		ļ			 	·-·-··				
Degree of Cleanliness	Spe	cified		<	010	·					 					
	Act	uai			PI	0	- · · · · · · · · · · · · · · · · · · ·				1					
Surface Profile	Spe	cified		<i>i</i>	570		.5									
(Affix testex tape to report)	Act	ual		2		(1) L	i Z									
Soluble Salt Contamination	Spe	cified		1	/	<u>U</u>					 					
☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other:	Act	ual (µg/	cm²)	 							 					
Method of Surface Preparation				ing 🗆	Hand to	ool 🗆	Power	tool 🗆	LPWC 🗆	HPW	C D UHI	PWJ				
Briefly describe equi				pment:			-									
Abrasive Media Manufacturer: Type				Ba	se Meta	l Readir	ng (BMR)	Rec	ord in mi	is						
Size							zzle Air essure	or Wate	er	Rec	Record in psi					
Inspector:							eviewe	d By:			 					
Signature:		D	ate:			Si	gnature					Date:	•			
Distribution: Client				 -		tor KTA PM Other										

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Lbnoa-snud

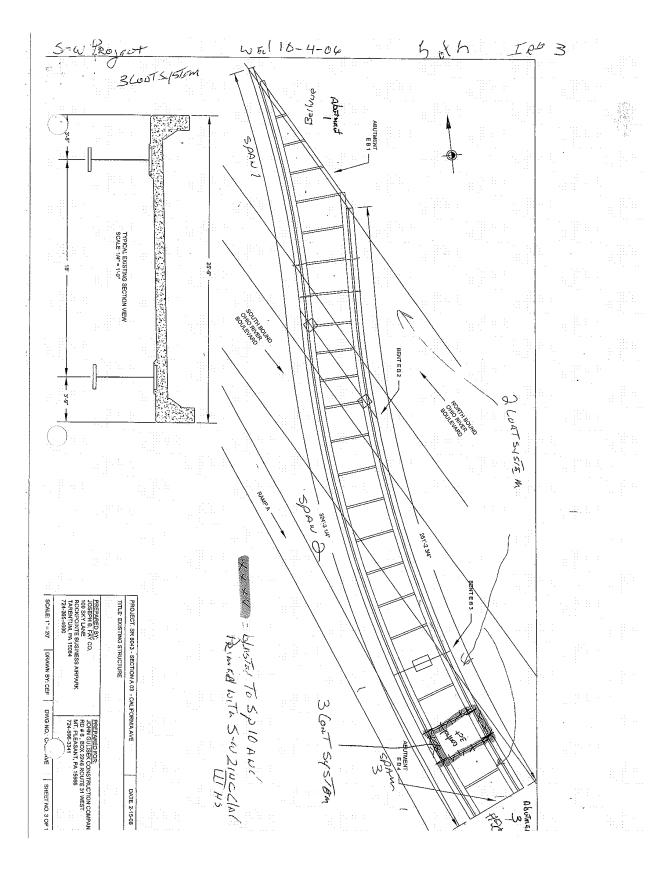
CALIF AUE BRY			ł
Project S-W PROJECT Name: BetTERINA	Date: /6 - 4 - 04	Sheet nof	6 IR No.: 3
Complete items below when a		-6	

STAFFING/EQUIPMENT (List separately: Subcontractors: Change Orders, T&M, and Protest Work) No. of Workers or Equipment Trade or Type of Equipment Used Used Description of Worl	C
No. of Workers Hours Total Hours Location and	C
July Newson	
77	
COMMENTS	
KTAOUSTE AT 7:00AM, CONTENTER ON SITE WITH ZWORFART	
AND / FOREMAND (IBLUSTER / POTTINGU / FOREMAN)	
ONE (1) HLOSTER, GILAST CLEON ALLOE BAN 3 SOAN 3	
STRETIM AT 7:30 AM AND FINISHED BLASTIN AT 11:30 Am	L
TOTAL OF 4 hour with I bluster (NOTE PORTION OF BAUS (ho	LF)
1146 /1.7//	A 3
PENLASTED ALONG WITH THE REMAININ DECASIN BALLS)	
(15 Mins TO 105P) SPIO WITH PROFILE RONSIN 35TO	1.3.
NO MPT Tolky.	
POINTING INFORMATION, SW ZING CLAN III HS PRIMER	
EQUIPMENT (CRACO 56:1 BATCH #A) 0x0536R MINEL 1 KIT - 3.2	56ML
XTREME A. ELESS DISMP. B)0x0826P A+ 1:20PM WAITE	
2) S. W. 06-08 30 MW. FOR SWEAT	
STOCTED PAINTING (1 PAINTED) AT 2:00 PM. TIME	
Applied STRIBE COOT FIRST,	
DOWE PRINTING AT 3:45pm MIXED ONOTHER HET	7
(NOTE) STED PRINCE FOR BUMINS INORDER UDAT 2:45 DM	
FOR THE SWEATIN TIME, TOTAL AMOUNT DAWY 6.	1/2(0)
2 Ki	73

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accurate. This inspection report shall not be reproduced, ex-	cept in full, without the written approval of KTA Tat	or, Inc.
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Proje	nt:		Name	. D	110	,	I D.	to: '		<i>;;</i> , , , 1	OL:	4 i\ -2	<i>j</i> – r	ID **		
riuje			warne		avav	NATES I				1-04	Shee	t \∤ of	h l	IR No).; <u> </u>	TIGESH PROCESS
SPACE.					A PHINGE LL		MATE	KIAI	.5							
Mix No.	Manufacturer/Pi	roduct		uantity /lixed	Batcl	ompon	Shelf L	ifo		Compo atch No.		B elf Life	Pot	Com ch No	ponent	C helf Life
,,,,,	Sherbin Will	1 10 (2.1)			0x05		Gilen	е				en Lne				neit Lite
ᅼ	ZING CLUA	111 117	1/5,7				 		<u>O</u> X	0824 F	-		5M.		28	
2	5.71			1 /	,	<u></u>	<u> </u>			//		•		//		
							<u> </u>]
								l								
Mara.						MIX	NG DA	FA A	240 LE	m ower			40405777			Merker
Mix	Thinn	er	ararus	% Thinr	ner Added	48,4000,000	lixed	Tin	ne :	Inducti	on	Pot	andichid	district their	Vitness	According to the second
No.	Type or Name	Bat	ch	Specified		C	oating	0		Time		Life	Yes	No	Sat	Unsat
	PEL C. A.	No.) .			Tem	perature	Mi	ix	(SP)		(SP)	L	<u> </u>		
1	SN REKID	200140	32214	5%	5%	7	9	1.20	OP	30 Mi	AFS		図		M	
16	11	1	1	11	11		1	2:4	50	30M	- 1			Ø	Ø	
		 			1-	 			11	SU/V()						
		 - -				+		-					 			
		 		ļ	<u> </u>									1=	<u> </u>	
													l L	Ш		
					ec.	ATING	APPLI	CAT	ION					ensen Peneta		
ltem	Prepared or Iter	n No. (ì	Vote lo	cation on T	3060-е)				Т				I			
Coati	ng being applied	(primer	, mid,	top, touc	:h-up)	PRIM	r		_				1			
Mix N	lumber					2			十	· ··· ····			 			
	of Application Ed								寸			-				
☐ AS	CS HVLP D	PC D E	3rush E	☐ Roller ☐	Other	A3			-				}			
	of Application (S			application					-				 			
	pressed Air	Locati	• •	imo		200pm / 3,45P							 , 			
	liness			inie			<u>′</u>		_	/			/			
		Result	rs 													
Caull	or sealant	Туре:							П							
requi		Locati	on(s):	:					7				1-			
	ations Reviewed	<u> </u>				Sat	Unsat	N/A	Ā	Sat	Unsat	N/A	Sa	it T	Unsat	N/A
	gitation					図	$\vdash \sqcap$	\vdash_{\vdash}	╗┪	\neg	П	10			$\overline{\Box}$	1 -
	ctive Coverings i	n Place	,			区		╁╴		\exists	౼	╅	╁┾		ᅮ	+ 🕂
	unding Air Clean				·	図		╁┾		-	+	ᆛ岩	1 -		\exists	1
	oat Cleanliness					l n	片뉴	<u> </u>		\dashv	ᅮ	ᆛ岩	╁┾	\rightarrow	$\overline{\Box}$	1 1
Recoat Times Observed			+	 			岩ㅏ	+	+뉴	╁╌		$\overline{}$	╁╫╴			
Stripe coat applied SPRAV			岗	 	1-	╤┪	H	ᇁ	ᆉᆏ	╁╌		ᅮ	╁╫			
	Appearance (ru	رد ins. drir	OS. SA	ds. etc.)		冈	 	╁	┽┤	- ;; -	+	+	1 -	7	- H	
				LM THIC	KVIESS				- 1	EREADA?	니 ~~	_ 니	L Esc.		L	
	e Specified			martuic	NIVEDD	WIEAS	UNEWE	N I	اند	YZKANIN	(п ар	рисар	e)			
	e (actual)					 	11/ 1	1								
	age (actual)		•			†		7	7				+			
	d on the inform	ation a	bove	:		Sat	Unsat	N	ΙA	Sat	Unsa	t N/A	s	at	Unsat	N/A
	age within the rar							1 -	7				1	₹ -		1 7

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	DATE: 10/4 06 M T	(W)RFSS	su #	Pg	of 2		
DAILY COATING INSPECTION REPORT	PROJECT#: 1 \ S	44	<u> </u>	COPY			
	INSPECTOR: 7		Office		ent		
PROJECT/CLIENT: PADOT	1 600		Proj Mg	r			
LOCATION: RAMPR SPAS			ATT	ACHMEN	TS		
DESCRIPTION: BLASTING (SPIO) AV	· Darattale	Dun.	DFT SH		CR/CAR		
REQUIREMENTS: 5 410 15-35 K PDA	FLF SHILL	A FOX DRIVE	TE				
CONTRACTOR: COVE ON	SPEC#:	(1 4) 1 (1	REVISION	J#:			
DESCRIPTION OF AREAS & WORK PERFORMED	HOLD POR	T INSPECT	ONS PERFO	RMED			
CPANIS RAYS	1. WEATHER AND SI	TE CONDITI	ONS	CHEST TO THE PARTY OF THE PARTY	45 45		
	2. PRE SURFACE PF			& CLEAN	LINESS		
BOORT SYSTEM	3. SURFACE PREPA						
CONTROL	POST SURFACE F APPLICATION MO						
LINCCLADIT H S RIMER	6. POST APPLICATION				(VVIII)		
was a second	7. POST CURE/DRY						
	8. CORRECTIVE ACT	TIONS FOLL	OW UP & FINA	AL INSPE	CTION		
	APPROVED BY: _						
SURFACE CONDITIONS	Ä	MBIENT CO	NDITIONS	ne i i i			
NEW MAINT PRIMER/PAINT AGE/DRY/CURE	AREAS:	143:	MAG	3			
STEEL GALVANIZE CONCRETE	TIME & AM	2PM (1)	(2)	\mathbb{S}			
PAZARDSAMPLE REPORT #	DRY BULB TEMP® CF	62	. 77.	٥			
DEGREE OF CONTAMINATION: TEST: Cl. Jug/cm²/ppm Fe ppm pH ppm	WET BULB TEMP® Ç/F	58	· 68°	0	0		
DEGREE OF CORROSION: 200 A	% RELATIVE HUMIDIT	799	% 63%	%	%		
SCALE PITTING/HOLES CREVICES SHARP EDGES	SURF TEMP® C/F MIN/I	MAX 67	· 77_ ·	/ 0	/ °		
WELD MOISTURE OILS	DEW POINT TEMP® C/F	155	. 6.3.	0	۰		
DRY TO/TOUCH AND HANDLE RECOAT	WIND DIRECTION/SPEED W						
DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS	WEATHER CONDITION	is: 474	CLOUD	4/17	4/cL		
ABRASION FALL OUT	ASSESSMENT TO	APPLICA					
SURFACE PREPARATION	STABILIME ? F	INISH TIME	ARE		ft ² /m ²		
START TIME TIME TIME V SAMEA 100 112/m2	page of the state	MEDIATE	TOPCOAT		UCH UP		
SOLVENT CLEAN HAND TOOL POWER TOOL	GENERIC TYPE		TY MIXED Z	KIT	ζ		
HP WASH PSI ABRASIVE BLAST ABRASIVE TYPE SAMPLE	MANUF 5 . (L)		IIX RATIO				
BLAST HOSE SIZE NOZZLE SIZE/PSI	PROD NAMEZINCC	LA-O N	IIX METHOD				
AIR SUPPLY CFMAIR SUPPLY CLEANLINESS	PROD#		TRAIN/SCRE	-			
WATER/OIL TRAP CHECK LEQUIPMENT CONDITION CHECK	COLOR CALLERY		IATERIAL TEN		4		
	KIT SIZE/COND 3. 2	1 1 teles	OT LIEE		013		
SURFACE CLEANLINESS & PROFILE MEASUREMENT	SHELF LIFE 24 M		OI LII L	MA			
JOB SPEC NACE/SSPC-SP- \S\T\O	BATCH NUMBER	25, 309, 323	EDUCER#				
	(A) 0 X 0 5 3 G	`	TY ADDED		%		
PROFILE CHECK: DISC TAPE X GAUGE SPECIFIED Silvym ACHIEVED 1 - mileum	(B) (1 V (1) (B)	15.5	BY VOLUME	<u> </u>			
SURFACE EFFECT ON D.F.T. GAUGE/BMR/mils/µm	(C) 5 Cu - A A - C	1.0	pecified WFT		milsµ/m milsµ/m		
PRESS-O-FILM™ B-3	REDUCER		cheived WFT	D	PRIMER		
No C	AIRLESS/CONV PUMP/POT	BRUSH	ROLLE	AIR CHE			
Reading 1. U NEWARK DE 19715		HOSE dia.		TRAP			
or 50 µm	RATIO/SIZE	HOSE Lng.		FILTER			
X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)	GPM/CFM	SPRAY GU	. N	AGITATO)P		
D.F.T. GAUGE CALIBRATION GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL	PSI	TIP SIZE		MOLINIC	217		
TYPE SERIAL CALIB. AVERAGE D.F.TTHIS D.F.T.LAST AVERAGE	17- (1	/	1-	1.1	, , ,		
MODEL # VERIFIED D.F.T. COAT COAT D.F.T. TEX 2804F YES 1.5-35 4.	1/0m/6	my-		14/0	<u>26</u>		
104 170. 160 1.00 1.1	INSPECTOR'S S	IGNATURE	ŗ	DATE			

A PRESS-O-FILM™ PT INT	
No. TESTEX VICIN	
Reading 19715 Gage less 2.0 mils or 50 µm USA	
X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)	

No. TESTEX P.

Reading 1. Segel less 2.0 mils USA (15 mils) Or 60 μm X COARSE (1.5 to 4.5 mils) or (40 to 115 μm) S 3 8 3 10 (4/10 μm)

PRESS-D-FILM TO TESTEX
Reading 2.4 Co NEWARK, DE 19715
Gage less 2.0 miles of 50 µm

X.COARSE (1.5 to 4.5 mils) or (40 to 115 µm)

X.COARSE (1.5 to 4.5 mils) or (40 to 115 µm)

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	ne	- T i	NAE A	21125	BACKIT	r wor	WOU I		DATE: 1,0				s su	# 2	> Pg	of Z
1		, ,	WEA.	oune	IAICIA	WOH	KSHE	:E1	PROJECT	#:	715	44	'		COPY	
200				-					INSPECT	OR:				QC Mg		lient
_	JECT		ENT: V	11)	001	<u> </u>								Proj M	gr	
	OITA		゚゚゚゚゙゙゙゙゙゙゙゙゙゙゙゙゙ヿ゚ヹ	MA	1 A	† 	544.	E ν	BAY	7	3		8	SPEC#:	107	0
lare sales	CRIP	LION	<u> 4/</u>	<u> </u>	E (20A	FT	(3	COAT	.<	4576	524	F	REVISION	V#	
ITEM	1: 1	1.	441.7	e le le	LTER			3344	ITEM:	1	A125244		TWINE!	(Barahan)	1.84.53/40°	okastro.
LOCA	ATION	ARE		28F	≬SPOT	READIN	GS		LOCATION	A		AH	SPOT F	READING	as	<u></u>
10	7 14	Ā	1	. 2	_ 3	Tota	i %Mi	n Avg		A		2	3	Total	%Min	Avg
,	· ,	Α	Parties Secret	8.6						A	- C		† <u> </u>	1	1	7.49
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Арргох		-	<u> </u>	<u> </u>	<u> 4 74</u>	4-			Approx.	E	64.		<u> </u>	<u> </u>		
ft²/m²		-	-16-4 5		<u> </u>				fi ² /m ²	1		11,000				<u> </u>
Defere			cified C		mils/µr	n Total A		mils/µn	1	Sp	ecified DF	Т	mils/µm	Total Av	g.	mils/µm
Att to his to	rice ii	ispe	ction Re	port#	rava iž lase		r applicati	on record	Reference !	nsp	ection Rep	ort#		for	application	n record
TEM:		A							ITEM:	10	XIA K		4000	7744	\$7442.X	Pala H
LOCAT	ION	R				READING	-	- ₁	LOCATION	A R E		5	POT RE	EADING	S	<u> </u>
		A		2	3	Total	%Min	Avg	ļ	Ā	1	2	3	Total	%Min	Avg
		<u>A</u>		├	 -				<u> </u>	Α						
	_	В		ļ		ļ	ļ	<u></u>		В						
		C								С						
		D								D,						
		E								Ε						
pprox. ²/m²]	all.			100				Approx.	-4						
,,,,	[Spec	ified DF	т -	mils/µm	Total Av	g.	mils/µm	ft²/m²	Sne	cified DFT	<u>. 182</u>	poils / upo	Total Avg	<u> </u>	
eferen	ce Ins	spec	tion Rep	ort#		·	applicatio	<u>`</u> _	Reference In				шырш		pplication	mils/μm
EM:			da is	VO.		verestament Verestament	STANGE U	F8855	ITEM:	- PO	ополттерс	656 (8.2° s.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TIECUIG
OCATI		A R		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ACC 25 1 ACC.	EADING	S	distributed for the	69.50ye.u (3	Α	Tara day af e		POT DE	ADING		
.OOAII		E	1	2	Т 3	Total	%Min	Avg	LOCATION	R	1	2	,			
	-	Α			1	 	75,1111	7109		A			3	Total	%Min	Avg
	_	В			 	 		<u> </u>				_				
	-+				 	 	ļ	-		В						
		5	-	·	<u> </u>	<u> </u>		<u> </u>	ļ	С						
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ргох.		=_		<u> </u>						E						
m ²	-	· <u>-</u>	<u> </u>		·		<u> </u>		Approx. ft ² /m ²	_						
			fied DF		mils/μm	Total Avg	j.	mils/µm		Spec	cified DFT	1	nils/µm	Total Avg	, 1	nils/µm
terenc	e Ins		on Rep				applicatio	n record	Reference In	spec	tion Repo	rt# . P5	A LOK	/_ for a	pplication	record
¥(3)	- 10			GE CAL	IBRATIO	N RECO	RD						. 1014	109		
YPE	GAUG SERIA	ı.	PLATE/ SHIM	BMR	ADJUST	SPEC. AVERAGE	D.F.T THIS	D.F.T LAST		2		7				$\neg \neg$
DDEL	#	+	mils/µm		71.	COAT	COAT	COAT	ΔZ	Ñ	n//			10	14/0	6
					İ	1		1	7	SPE	CTOPIC SICE	CTA DE		$-\cdot$	1/0	



Coating System Inspection Report

SW Acceleri	TED B	Ridge	PAUT:	SYSTE	m 57	Delul	ONC	nLif	ر در در هری	a Au	EN BRICE	رس	
		GENE	RAL INFOR	MATION		/			1 Shee	t / of /	IR No : // 4	/	
Client Sherwin	William	15	Contractor	Coe	CO1	J			Inspe	ctor: 5,1	BUTTERIA	ai W	
Client Contact: MA	ek Hu	dSON	Supervisor						KTA.	Job No.20	0759		
Project: Accelecal Shift: PAUNIC	KY BRIO	(SE	Crew Start	9:0014	Stop:	12:1	0r0+11		Date:	2/ 3/7	5-9 10-5-0		
Shift: PAURIC	5700	1	Inspector S	Start: 7/	∌0 n∉Sto	p: 12	5 raipy		Day:	10-5-	06 Thursda	. /	
Work activities perfo	rmed toda	y: 5100	etro blus	TEU BLUSTING BAY & BUT STEP CLUTE TO WATER IN								<u>M</u>	
Span 3	13/3,	T		-									
(Show location on draw			2043	(Show location on drawing):									
Control Panel Placer (Show location on draw	nent	Ye	s 🗵 No	No Rigging / Containment [If mobile									
(Onow location on draw	ug).	1		containment used – record installation / removal times -									
		ļ			w locatio		rawing)]:						
	7.				ASIVE I	3LAS	TING	<u> </u>	* :				
Start time:	10:00	14		time:		11:	15 AG	···	lework t		MA		
Number of blasters:	2		Square	feet bla aned:	st	2-2/	A .		tal Mani				
		CIE		NG AP	,		(# 0	f men x		L			
Manufacturer /	Quar	tity.	Batch		nber		plication	Appl	cation	Down	Reason for		
Product Name	Mix	ed	No.	1	of		art Time		Time	time	downtime		
	(Gallo	ons)		Appli	cators								
N/f]							
Recoat Times	Coat 1	:		Coat	2:			Coat	3:				
	DRY FILM		NESS	100	$\mathcal{A}_{i}^{(1)} \geq \frac{1}{2} \mathcal{A}_{i}$	1.4	i sana	-414 1	RAFFIC	CONTROL	- KB - 1 - 1	Th:	
	Minim	um	Maximum	rage	age			Start	Stop	MPT Time			
Coat 1 ZIL CLASS	2.6		5.6	5	Road Closure			ar s	10		-		
Coat 2			<u></u>	<u> </u>	Comments:				15				
Coat 3		-	* ***	 	- Johnnens.								
	ــــــــــــــــــــــــــــــــــــــ		<u> </u>	07155							···		
No. of Workers	·			SIAFF		·	/IENT			A 10 105.9	<u> </u>	-d.	
or Equipment	T	vpe of	Equipmen	t .	Hou Use		Total He				ion and on of Work	Į	
3 worker			# 2			-	030	4		Descripti	OII OI WOIK		
1 FOREMON												\dashv	
(-	٠.							7			\dashv	
	—		*****									\dashv	
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Comments: Cou	BUCTO	2 OL) S.T.	- 27	9:0	0 D	m :	5706	27=0	BLA	5/19 · 10T		
10:00 pm	WITH	J	bLOSTA	FR.	51x	e/	1 To	5.5,	57 L	JATE	RAM The		
BLAST hos	SE :	5/01	D BLU	57.14				Ah	. C	N7210	700		
NEFES TO	GE	T 6	RUERS	5,00			octob		FFS		12:0000	一	
TO GET A	<u>cle</u>												
·		1										\neg	
			·										
Inspector: 3,//	3077 E	RIN	(Total			Revie	wed By:						
Signature Sul &	ullte	7	Date:		. 1	Signa	ture:				Date:	\neg	
Distribution:	Cli	ent		Con	tractor		K	CTA PI	1		Other		

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FILE S-8

FORM 4

	DATE: 10/5/06 TWO FS SU	# Pg of
DAILY COATING INSPECTION REPORT	PROJECT#: 11544	COPY
	INSPECTOR: TUYNEY	Office Client
PROJECT/CLIENT: PA DOT		Proj Mgr
LOCATION: RAMP 8043		ATTACHMENTS
DESCRIPTION: BLASTING SPAN 3 BA	42 USING BLACK SEAD	DET SHEET NOR/CAR
REQUIREMENTS: 708 (1010)		
CONTRACTOR: COVCOW	SPEC#: 408	REVISION#:
DESCRIPTION OF AREAS & WORK RERFORMED	HOLD POINT INSPECTION	IS PERFORMED
BESAN BLASTINS ON	1. WEATHER AND SITE CONDITION	
BAYZ, SPAN 3 FOR	2. PRE SURFACE PREPARATION/CO	
2 COAT SYSTEM	 SURFACE PREPARATION MONITO POST SURFACE PREPARATION/O 	*
2 = 2 + = 2 F; = = T	5. APPLICATION MONITORING/WET	
CONTRACTOR ELECTED	6. POST APPLICATION/APPLICATION	
TO DISCONDINUE LUOVET AT	7. POST CURE/DRY FILM THICKNES	SS (DFT)
HAM DUE TO WATER IN LIN		UP & FINAL INSPECTION
WILL SET LAYSEY WATEY SEVEYA SUBFACE CONDITIONS	ior	Comment to A To State Comment
	AMBIENT CONDI	2 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .
NEW MAINT PRIMER/PAINT AGE/DRY/CURE STEEL GALVANIZE CONCRETE	714.0	44 Z. SR 8047
HAZARDSAMPLE REPORT #		1055Am
DEGREE OF CONTAMINATION:	DRY BULB TEMP® C/F	
TEST: Clug/cm²/ppm Feppm pHppm		56
DEGREE OF CORROSION: SCALE PITTING/HOLES CREVICES SHARP EDGES	% RELATIVE HUMIDITY 70%	<u>5</u> % % % %
WELD MANISTURE OILS	SURF TEMP® C/F MIN/MAX 63 °	63 /
PAINTED SURFACE CONDITION:		52 " "
DRY TO/TOUCH HANDLE RECOAT DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS	WIND DIRECTION/SPEED	
ABRASION FALLOUT	WEATHER CONDITIONS: CLOUD	4 560 AVR
SURFACE PREPARATION	APPLICATIO START TIME FINISH TIME	
START TIME 1.20 FINISH TIME 10:50 AREA #2/m2		AREA ft²/m²
SOLVENT CLEAN HAND TOOL POWER TOOL	/	TOPCOAT TOUCH UP
HP WASH PSI	<u> </u>	RATIO
ABRASIVE BLAST) ABRABLEMENT SEMANT 9		METHOD
BLAST HOSE SIZE NOZZLE SIZE/PSI		WETHOD HIV/SCREEN
AIR SUPPLY CFM AIR SUPPLY CLEANLINESS WATER/OIL TRAP CHECK EQUIPMENT CONDITION CHECK		RIALTEMP
	/ // "	CTION TIME
SURFACE CLEANLINESS & PROFILE MEASUREMENT.	SHELF LIFE POT	
JOB SPEC NACE/SSPC-SP-	/	JCER#
NACE/SSPC SPEC/ VISUAL STDS		ADDED
PROFILE CHECK: DISC TAPE GAUGE		VOLUME %
SPECIFIEDmils/µm ACHIEVEDmils/µm SURFACE EFFECT ON D.F.T. GAUGE/BMR/mils/µm		fied WFT. milsp/m
I. 5-3. 5		ved WFT milsp/m
MEASUREMENTS	AIRLESS/CONV / BRUSH	ROLLER PRIMER
	PUMP/POT HOSE/dia.	AIR CHECK
	RATIO/SIZE HOSE Ling.	TRAP
•	GPM/CFM SPRAY GUN	FILTER
D.F.T. GAUGE CALIBRATION	PSI TIP SIZE	AGITATOR
GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL) ""/"	AUIMION
GAUGE GAUGE GAUGE PRECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL CAUE. AVERAGE D.FTTHIS D.FT.LAST AVERAGE MODEL # VARIFIED D.FT. COAT COAT D.FT	1/0-6/-	10/-/-
10/11	MSPECTOR'S SIGNATURE	14/5/06
	INSPECTOR'S SIGNATURE	₽DA!E ₽

PRESS-O-FI	LM™ LEFIG.
No	TESTEX NEWARK, DE 19715 USA or (40 to 115 μm)

PRESS-O-FILM M BAY TESTEX
Reading 1 NEWARK, DE 19715
Gage less 2.0 mils
or 50 µm
X COARSE (1.5 to 4.5 mils) or (40 to 115 µm)

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Coating System Inspection Report

SW Acceleri	TEd BE	dge	PAINTS	YSTE	m 57.	Belv.	ONC	aLi	FORN,	a Au	EN BENGS			
1	7) :	GENE	KAL INFORI	MOITAIN	1	/			Shee	et /of 3	IR No.: 50,			
Client Sherwin Client Contact: MA	William	7	Contractor	COR	COL	<u>J</u>			Inspe	ector: ゟ, ≀	1 BUTTERINI			
Project: A	EN HUC	1501							KIA	KTA Job No. 260759				
Project: ACLELECAT	EU DRING	55	Crew Start: 73 04 Stop: 2							Date: 10-6-06				
	. ,		Inspector S	Inspector Start: 7.36 A Stop: 7:30 pm Day: FRIDAY THEN DAY PRIMER NILOF BAY 2 AND PORTION OF										
vvoik activities perio	rmea today	: DLD	SIEU BUIL	PRI	in Fil	NLL.	OF'BA	42	Aud	PORTIC	WOF BAIL			
Span (Show location on draw	ina).	7	3 1	Bay						7 2	/			
Control Panel Placer	nent	☐ Ye	s X No		w locatio		awing): nent [If m	ohile		<u> </u>	(
(Show location on draw	ing):		_	con	tainment	t used	- record in	nstalla	tion	/				
/ removal times - W/ K+														
(Show location on drawing)]: ABRASIVE BLASTING														
Start time:	12:15	Pm	Stor	time:	10172		oopm		Rework	timor	1.			
Number of	2		Square		st		ghly		otal Man					
blasters:	<u> </u>			ned:		900	3/		of men x					
				COAT	ING AP				1.3		\$1.25			
Manufacturer /	Quant		Batch		mber		olication	App	lication	Down	Reason for			
Product Name	Mixe		No.	1	of	Sta	ırt Time		Time	time	downtime			
1	5-W/COROTADUIT (Gallons)				icators	1		STOP		100	PROBLEM Wit			
Recoat Times	Recoat Times Coat 1:					6:15 Pm		7:30 Pm		16mis	THE SPRAY			
			Coat 2:			Coat 3			: 3:		REMODE FITTER			
	DRY FILM	-		1	Trible (sh		5 5244	1,200	TRAFFIC	CONTROL	- in Coul			
	Minimu	m	Maximum	num Average						Stop	MPT Time			
Coat 1						Road Closure			h./		_			
Coat 2						Comments:			· ·		2			
Coat 3						ĺ								
	100			STAFF	ING/EC	UIPN	IENT -	1855°	erir e.	- 1111				
No. of Workers					Hou		Total He			Locat	ion and			
or Equipment	Ту	pe of	Equipment	Use	d	Used				on of Work				
			- 11.1											
STIN LA	DORT	<i>II</i>	2			T. I								
2 bla51201	1 1 6	10/ 4	Dat With	A	12 L	1 F. 8	2 Asi	/	-		****			
Labrear	# 1	600	Compa	ELGE	wit	7	MA.	F. A	REN	nova 1:	300 Comp			
1 FOCKMAN	1		7		<u> </u>		7	7	107.11	1.	SUC COMP			
Comments: (Ose 7)	CACTOC	K.	15///	EAW	21	10	F RA	1/ =	1 (< P	10) 11	1111			
DOETION OF 1	3AL/ /	14	1) To 5	PIC	Po	5F, 1	Z P.	hdu	1/ 3/	7 7	1/1			
SPRALL HODE	INU PE	2imi	R COP	oTha	125	16	BIVA	PAC	7 7	Pour	NER USINES			
GRAZO 56	rol X	TRE		0/5<		· · ·	0 111	111	+ <u> </u>	19 C	(1 1 1 00			
Died 1/4 So	DPL1	ho	7.1	1d 0	7	em	300		1415 1	F. 17000	Printer Designation			
THE GUNS IN	THE THE THE PROPERTY OF THE STATE OF THE STA													
STRETEN TO SA	THE FIRST PROBLEM INDEED INTOKE WOFFINK 11/81													
Inspector: 8,11 /	11777	0 (6)	r	10 (2-1			wed By:		o- 1	C DUF	Om & EUD),			
Signature Rul 8	1/1		Date:			Signat	<u>_</u>				Date:			
Distribution:	Clie			Con	tractor	J. 100		TA PI	N/I		Other			
									. 41	1 []	70101			

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Daily Painting Inspection Report

	GENE	PΔI IN	IEMPI	/ΑΤΙΟΙ					Shee	t) of	3 11	R No.:	
Client: S-4			ractor.		0EC				Insp			30754	<u> </u>
Client Contact: Hudsov				(<u> かとし</u> an: <i>M</i>	V-	· ma	1,60			2607		75-
Project: S. W PAINT PROL	i.J		v Start:		Stop		11/12	Date	: //i-	6-06	5 7	 	
Shift: DAV	m		ector S			op:			day			 	
Work activities performed today	av.	1							1/24	149			
Tronk dod it do portonio 2 1521	-y.					anida estate			. 	olania ilia mata			
			T		IENT C				<u> </u>				<u> </u>
Location NASIST CONTAINMENT	Time	DB F°	WB F°	RH %	DP F°	ST F°	+/-		Direction Speed		ather litions	Opera Perfor	
BAJI SOAUR	3.15P	63	53	51	44	67	1			1	/≤cwa		4
	5/20	63	53	57	44	67	+	 		Mula	/	4 H	<u>~</u>
<u> </u>	<u> </u>	رما	3>	10.L	7-1	61	 	 			<u> </u>	i.	
							 	 		<u> </u>			
			\vdash				 			-			
				SURF	ACE PE	EPAF	MOITAS						
Item(s) Prepared or Item No (Sketch location on T3060-e)	•				/2 À /								
Operations Reviewed or Tes	ts Peri	formed		Sat	Uns	at	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared] .	Ø						
Condition of edges, weld spat	ter, fins	, slivers	s, etc.	区									
Grease, oil, contaminant remo	ovai			図		ן דו							
No visible moisture				図]							
Protective coverings in place				×									
Dust and abrasive removal				Ø]							
Clean and dry abrasive				IJ.]							
Other:]	X						
Compressed Air Cleanliness	Loc	ation /	Time	AT.	119	:30	Pm		7			7	
	Res	sults			30		·				1		
Degree of Cleanliness	Spe	cified		< f	210						 		
	Act	ual		<u> </u>	2/0						1	· · · · · · · · · · · · · · · · · · ·	
Surface Profile	Spe	cified		1	5 7	3.	5				 		
(Affix testex tape to report)	Act	ual	•	3.		0 4					1	· · · · · ·	
Soluble Salt Contamination	Spe	ecified		1	/ //	<u></u>					1		
☐ SCAT ☐ Chlor*Test ☐ Bresie ☐ Other:	Act	ual (µg/	cm²)	1		<u>// </u>							
Method of Surface Preparation	n ps.A	brasive	Blast	ing 🗆	Hand to	ool 🖂	Power	tool 🗆	LPWC E	1 HPWC	UHI	>WJ	
	Brie	fly desci	ibe equ	ipment:			· · · · · · · · · · · · · · · · · · ·						
Abrasive Media Manufacturer	Тур	e	Blaz	A BT.	4071	Ba	se Meta	i Readir	ng (BMR)	Reco	ord in mi	is al	6.
REED.	Siz	e	12	40		Pre	ssure	or Wate	er .	Reco	ord in ps	a	/A
Inspector:						Re	viewe	d By:					
Signature:			ate:			'	gnature					Date:	
Distribution:	Client				Contra	ctor] □ K	TA PM			ther	
Note: This inspection report represe			4h a za d Lu								 _		

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		4 000 per 11 1

LbnoB-snuQ

[*] Proje	ect: 5 W	1	Vame:				Data	10 (a 2 1 ai				
					COATI	NG MA	TERIA	1 c	06 St	neet 3 o	f 3 1	R No.: (5
Mix	Manufacturer		Quantity			onent A		<u>/</u> -,		<i>E007</i>			
No.	S_W Name		Mixed	Bat	ch No.		If Life	Batch	ompone No.	Shelf Life	Bato	Compone th No.	nt C Shelf Life
1	GALVAPAC ZI	UL Perias	3 6aL	OX.	1176	H F	<i>\\ \</i>	R0073			- Date	1110,	SHELL LIKE
2	11		11		<i>i</i> (×0073		001	 		
1						+		75-	-				
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						4975/0241111111111111					Ш		
Mix	Thir	iner	% Thinn	A J J		XING D							
No.	Type or Name			Actu		Mixed Coating	Tim		luction Time	Pot		lix Witnes	
	5-W-	No.				mperature	Mi		SP)	Life (SP)	Yes	No Sat	Unsat
	R7K15	6401-7	4384 10%	10/	1	19	3.4		10	1 7	17		
	1		T	1		<u> </u>					 	_ X	
				+	- /+	CLELE	PH/2	1 / J	02 W	45 Ad	ded 7	othe	1 Mic
2		14		no.	e -					L			
 			$ \psi$ $-$	10%	2	69	6,15	Pie N	JA		1 1	X	
.700			l		1.1	00 AL	15/2	estoé	414	sold	7		
				cc	ATIN	S APPL		ON .		ير ۲۰۰۰	4 - I		
Item F	repared or Ite	m No.(Note	location on T30	60-e)		42.					T T		
Coatin	g being applied	j (primer, n	nid, top, touch	-up)	1 / L	n F P	· /	┪			 		
Mix Nu			· · · · · · · · · · · · · · · · · · ·		1100						 		
Type o	of Application E	quipment			2			 			├		
Time fro	CS DHVLP D Form surface prepar	ation to coati	☐ Roller ☐ Oth	er	111)							
	of Application (S				4/2	OUR							
	essed Air	Location	/ Time		61/5	Dn /	7:30f-	n					
Cleanli	iness	Results			1	1/1							
Caulti	or sealant				ļ	MA	_						
require		Туре:	ļe .			N	in.				<u> </u>		
☐ Yes		Location(s):	` .		N	7	†			 		
Operat	ions Reviewe	ď	····		Sat	Unsat	N/A	Sat	Unsa	N/A	Sat	Unsat	N/A
Pot Agi					X	 	-	+	 	-		Ulisat	IV/A
	ive Coverings i				$\frac{1}{x}$	 	 	 	-		 	 	
Surrou	nding Air Clean	liness		·	×		+	+-	 		 	 	\vdash
	at Cleanliness						1	┼─~	├		<u></u>	┼	<u> </u>
Recoat	Times Observe	ed					T X	+-	 			 	
	coat applied	JOHT ILA	STRIPE LO	7/1		1	<u> </u>	 -			ļ	 	
Visual A	Appearance (ru	ns, drips, s	ags, etc.)			X	 		 			 	<u> </u>
			ILM THICKN	(FQC	MENC	I DEM	A fore seve			enikounainen			
Range	Specified				MILHO	UNCIVIE	INI SL	IMMAR	r (If ap	plicable)		
Range								 			 		
	e (actual)							 			<u> </u>		
Based	on the informa	ation abov	e:		Sat	Unsat	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Average	within the ran	ge specifie	ď										- 14/4

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		T3060-B



			ginamatanianan disentahan
		.	FILE COPY
	FO	RM 4	DA9
	DAILY COATING INSPECTION REPORT	DATE: 10/6/06 M T W R TOS SU PROJECT#: 4265-40Z	
	PROJECT/CLIENT: PADOT	INSPECTOR: TLT	Office Client Proj Mgr
	DESCRIPTION: BLASTING 4 PRIMER REQUIREMENTS: 5910 DFT 3-5mg		ATTACHMENTS DFT SHEET NCR/CAR
	CONTRACTOR: COKCON DESCRIPTION OF AREAS & WORK PERFORMED	SPEC#: HOLD POINT INSPECTIO	REVISION#:
	BLASTING USING BLACK BEAUTY GRIT 12/40,	WEATHER AND SITE CONDITION PRE SURFACE PREPARATION/O SURFACE PREPARATION MONE	CONDITION & CLEANLINESS
	NAUE DYMEYS, PAINTINS	SORFAGE PREPARATION MONT POST SURFACE PREPARATION APPLICATION MONITORING/WE POST APPLICATION/APPLICATION	CLEANLINESS & PROFILE TO THE STREET OF THE S
	SYSTEM GALUAPACET. BAY 2 SPAN3	7. POST APPLICATION/APPLICATION 8. CORRECTIVE ACTIONS FOLLOW APPROVED BY:	ESS (DFT)
	SURFACE CONDITIONS NEW MAIN PRIMERPAINT AGE/DRY/CURE		PAN III
	STEED GALVANIZE CONCRETE HAZARD SAMPLE REPORT \$ DEGREE OF CONTAMINATION:	DRY BULB TEMP° C/F 60° WET BULB TEMP° C/F 52°	T3:58 5,68 63° 63° ° 63° ° 63° 63° 63° 63° 63° 63°
	TEST: CIug/cm²/ppm Feppm pHppm DEGREE OF CORROSION: SCALE PITTING/HOLES CREVICES SHARP EDGES	% RELATIVE HUMIDITY 59 % SURF TEMP® C/F MIN/MAX 57/ °	100
() SINS ACCELLATO	WELD MOISTURE OILS PAINTED SURFACE CONDITION: OR DRY TO/TOUCH 30 HANDLE RECOAT 2 L/S DRY/OVERSPRAY RUNS/SAGS PMHOLES HOLIDAYS	DEW POINT TEMP° C/F 45 ° WIND DIRECTION/SPEED	44 . 44
740°	DRY/OVERSPRAY RUNS/SAGS PMHOLES HOLIDAYS ABRASION FALLOUT SURFACE PREPARATION	WEATHER CONDITIONS: \$\frac{1}{12} APPLICATI START TIMEC: \$\frac{1}{5}\text{FINISH TIMEC}	ON
	START TIME 1:15 FINISH TIME AREA #2/m2 SOLVENT CLEAN HAND TOOL POWER TOOL	PRIMER INTERMEDIATE GENERIC TYPE PRIMER QT	TOPCOAT TOUCH UP
	HP WASH PSI ABRASIVE BLAST ABRASIVE TYPE SAMPLE BLAST HOSE SIZE NOZZLE SIZE/PSI	PROD NAME GALUAPAC MIX	KRATIO KMETHOD POWERNI VOR RAIN/SCREEN
	AIR SUPPLY CEM WATER/OIL TRAP CHECK OVYERS 6 DOTAGES	COLOR GRA9 MA	TERIAL TEMP 69° DUCTION TIME NO45
	SURFACE CLEANLINESS & PROFILE MEASUREMENT JOB SPEC NACE/SSPC-SP- LO NACE/SSPC SPEC/ VISUAL STDS	BATCH NUMBERS RE	TLIFE DUCER# 1696 NIS
	PROFILE CHECK: DISCTAPE_XGAUGE	(B) 14-80732180 %	YADDED BY VOLUME THE WILLIAM
	PRESS-O-FILM™ Issue PRESS-O-FILM™ Issue		neived WFT milsµ/m ROLLER PRIMER
	Reading Commis USA USA	POMP/POT HOSE dia. RATIO/SIZE HOSE Lng.	AIR CHECK TRAP FILTER
	X COARSE (1.5 to 4.5 mils) or (40 to 115 μm) D.F.T. GAUGE CALIBRATION GAUGE SAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL CALIE AVERAGE OF IT THIS D.S.T.LAST AVERAGE	PSI TIP SIZE	OI9 AGITATOR
DEE >	TYPE SERIAL CALIR. AVERAGE D.F.T.HIS D.F.T.AST AVERAGE MODEL # VERIFIED D.F.T. COAT COAT D.F.T.	MAN IL	0/6/04 LM"**
WORKET	PRESS-O-FILM Justice No. TESTEX N	PRESS-O-FI	TESTEX NEWARK, DE 19715 NEWARK, DE 19715
	Reading NEWARK, DE 19745 Gage less 2.0 mils or 50 µm Y COARSE (1.5 to 4.5 mils) or (40 to 115 µm)	Reading 4.0 Reading 6.0 Reading 6.0 Readi	ils) or (40 to 115 Hirr)



Coating System Inspection Report

SW Accelsed	TED B	Rolgi	= PAINTS	YSTE	m STU	selvi	ONC	aLil	ERW!	a Av	EN BENCE			
Cli-de d	71	GENE	RAL INFORM	ATION	1	7			Shee	t 1of /	IR No.:			
Client Sherwin I	Vill (AM	15	Contractor:	COR	COL	7			Inspe	ctor: B, i	BUTTERINI			
Client Contact: MA	ek Hu	<u>c(301)</u>	Supervisor/	Supervisor/Foreman: MiKE						KTA Job No. 260759				
Project: ACCELECAT	Ed BRID	SE		Crew Start: 7/3/0A Stop: 2 Date: 70-7-06										
Shift: PAURSU		′	Inspector Start: 7.30 AStop: 4.00 pm Day: 5AT											
Work activities perfo	med toda	y:					·	`						
Span (Show location on draw			DAW 3	Bay (Sho	w locatio	on d	tawing).	•	- E	BAI/-	- /			
Control Panel Placen		☑ Ye	es 🗌 No	Rigg	ging / Co	ntain	ment [If mo				`			
(Show location on draw	ng):						l – record ir	rstallat	tion	m/1	ı			
					noval tim		rawing)]:		1 "	- 1	7			
					ASIVE E			,						
Start time:	9:30	Dan	Stop	time:		1:4	15 Am		Rework t	ime:	15 MINS			
Number of	2		Square t	eet bla	st	2		T	otal Mani	nours	111-105			
blasters:			clea	ned:		6.		(# 0	of men x	hours)				
Manuel	T-5				ING API				ng Jary	41 7 .				
Manufacturer / Product Name	Quan		Batch	1	mber		plication		lication	Down	Reason for			
541	(Gallo		No.		of icators	St	art Time	Stai 37a	Time	time	downtime			
COROTHOUR I PRIME GOLVAPAC Ziec)	36		64117/1		1	17,	35Pm		<u> </u>	<i>-</i>	- 7			
Resout Times &	Coat 1	0×1176H	Coat	2·	1.04	35/W	Coat	Pin	5 miss	SPARY MY PRUM				
											100			
	DRY FILM			_	The State			. \$2.7 ft;		CONTROL				
	Minim	um	Maximum	Maximum Avera				}	Start	Stop	MPT Time			
Coat 1							Road Closure			//	0			
Coat 2		/ .				Comments:			, , , ,	7 ×	7			
Coat 3														
				TAFF	ING/EC	UIPI	WENT	18 May 2	1-1-	+ 40°08°5	No. 1 As			
No. of Workers					Hou		Total Ho	_		Locat	ion and			
or Equipment	T	ype of	Equipment		Use	d	Used	i			on of Work			
2 BLASTERS	55	£	RADOS	1 tl)										
LABORER					,									
1 MEC										111				
1 FORTMAL														
7														
Comments: TA 6N	5/15	フィスハ	Aug Co =	70 . 7	7.0		c -7-	7, 7	1 0	RIA				
SDIA AWIDA	Ils.	2 - 0	CRI A	1 20 CI	1-1	8	2/2	/; 50	HIM	1 XXI	5/E/ TU-			
SPID ANCHRO	TP OF	100	TOWN IN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4-1	<u> </u>	NEK W.	11.5	1811×40	CA CT	APD LIEU			
Did 18 18 194	2 TI	<u> </u>	ALLFLIR	12 LL 1	-00/4	00	14650	<u> </u>	JAZ C	_#A/6	1 BAY 2			
WIN NOT	1 / P	18. 1	HLLFLLER	12/0	K / K	<u> </u>	The f	ーベレ	un E/2	, ,				
			·											
				· · · · · · · · · · · · · · · · · · ·					* -					
Inspector: 8 ///	?				1 -	3-00					<u> </u>			
Signature A. A.	DUTTE						wed By:			ncee Al	II M TH			
004 /21	elle	~	Date:			signa	ture:			RESS-O-F	TESTEX			
Distribution:	Clie	ent		Cor	ntractor		∐ K	TAP	Reading 4 Gage less 2.0	mils .	NEWARK, DE 19715 USA			
									or 50 µm	er (1.5 to 4.5 m	ils) or (40 to 115 µm)			

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						ı
	DATE: [0]7 OGM T	W R F S SU	# 1	Pg	of P	
DAILY COATING INSPECTION REPORT	PROJECT#: 426	<u>5-AOL</u>	_}	COPY		
	INSPECTOR: TL	-T	Office		ent	
PROJECT/CLIENT: PA-DOT			Proj Mg	r		
LOCATION: SPAWITT BAYITZ			ATT.	ACHMEN	TS	
DESCRIPTION: SPID BLASTING TPRI	1. 50 (CA)	APACK)	DFTSH	EET N	CR/CAR	
REQUIREMENTS: SPID 3-5NIL PRIME		HIRCH	1			'
CONTRACTOR: CORCOW	SPEC#: 408/1	~7 ^7	REVISION	4 #∶		
DESCRIPTION OF AREAS & WORK PERFORMED					367.34	
CD0.2777 R245 14-3	N			1	* 1 1500 251 43	
2/BOTT DITO LAT	WEATHER AND SI PRE SURFACE PR			R CLEAN	IINEGG	
CONTRACTOR FINISHED BLASTIM	3. SURFACE PREPAR	EPARAHONI BATION MONI	TORING #	G OLLAN	LINESS	
OFBAYI, REVIEWED AVEAS	4 POST SUBFACE P	REPARATION	/CLEANLIN	ESS & PR	OFILE 4	
+ CHACKED DIFFICIENCIES. TRIMEN	5. APPLICATION MOI	NITORINGAVE	ET FILM THIS	CKNESS	(WFT) to	0
BAY 145 4 INEW YLACED	6. POST APPLICATIO			S		
INTERMONATE OVER BAY3)	7. POST CURÉ/DRY I	FILM THICKNI	ESS (DFT)			
0.05	8. CORRECTIVE ACT	TONS FOLLO	W UP & FIN	AL INSPE	CHON	
BAYI SPANS LITHT GIVDEY BY SCI	PPER PHOVED BY:					
SURFACE CONDITIONS	A Visited	MBIENT CON	DITIONS	TOUR	2000 P	
NEW MAINT PRIMER/PAINT AGE/DRY/CURE	AREAS: SOL	TTTWF	RAG	1214	-2	
STEEL GALVANIZE CONCRETE	TIME	RAM	12000	<u> </u>		
HAZARD SAMPLE REPORT#	DRY BULB TEMP® C/F	51	(60°	0	6	
DEGREE OF CONTAMINATION: 10/2	WET BULB TEMP® C/F	45			6	
TEST: CI 4.5 ug/cm²/ppm Feppm pHppm			130	%	%	
DEGREE OF CORROSION: / O / O	% RELATIVE HUMIDITY			/ 0	/ 0	
SCALE PITTING/HOLES CREVICES SHARB EDGES WELD MOISTURE OILS	SURF TEMP® C/F MIN/	W. C. (3)	\$ / "	7 -	/ -	
WELDMOISTURE OILS PAINTED SURFACE CONDITION:	DEW POINTTEMP® C/F		, 140,			
DRY TO/TOUCH HANDLE RECOAT	WIND DIRECTION/SPE	ED				
DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS	WEATHER CONDITION	s: CLEI	AR			
ABRASION FALLOUT	经 的现在分词	APPLICAT	ION			
SURFACE PREPARATION	START TIME 2:35 F	INISH TIME 2	3:50 ARE	A 600	Oft2/m²	
START TIME 9 Am FINISH TIME 11:15 AREA TOOT 112/112	PRIMER) INTER	MEDIATE	TOPCOA	T TO	DUCH UP	
SOLVENT CLEAN HAND TOOL POWER TOOL	GENERIC TYPE	QT	Y MIXED ;	342		_
HP WASH PSI	MANUF S.W.	M	X RATIO	096	PNO	CTOW
ABRASIVE BLAST ABRASIVE TYPE SAMPLE BLACKBE	PROD NAME GALL	DAC M	X METHOD			
BLAST HOSE SIZE NOZZLE SIZE/PSI	PROD # PRIMER		RAIN/SCRE		*~~ \ \ \ C	
AIR SUPPLY CFM AIR SUPPLY CLEANLINESS	COLOR G-PA		ATERIAL TE		$\overline{}$	MIXER AT 2:30
WATER/OIL TRAP CHECK EQUIPMENT CONDITION CHECK			DUCTION T		IA	
	KIT SIZE/COND 3	7,00		OVIC N	17	-
SURFACE CLEANLINESS & PROFILE MEASUREMENT	OTTLE LITE		OT LIFE	4112		}
JOB SPEC NACE/SSPC-SP-	BATCH NUMBER		DUCER#			
NACE/SSPC SPEC/ VISUAL STDS STC-U15-	(A) OX1176H		TY ADDED	10%		
PROFILE CHECK: DISC TAPE_X GAUGE SPECIFIED 5-3. Shills/Jum ACHIEVED 3.5-449ls/Jum	(B) NO ACC		BY VOLUM			
SURFACE EFFECT ON D.F.T. GAUGE/BMR/ mils/um	(C) ·	Sp	ecified WFT	4-6.	8milsµ/m	
CONTINUE ENTED FOR BUTT. GAGGERAND	REDUCER	Ac	heived WFT	-	milsµ/m	
MEASUREMENTS	AIRLESS/CONV	BRUSH	ROLLE	ER .	PRIMER	
,	PUMP/POT	HOSE dia.		AIR CHE	ECK	1
	RATIO/SIZE	HOSE Lno.		TRAP		1
	GPM/CFM	SPRAY GUI	v	FILTER		1 .
DET CAMPE CALIFORNIAN	PSI	TIP SIZE	·	AGITAT	OR	1
D.E.T. GAUGE CALIBRATION GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL	:1, 01	1 111 316-		,		1
TYPE SERIAL CALLE, AVERAGE D.E.T.THIS D.E.T.LAST AVERAGE	Thank	/		_ /_	_	
MODEL # VERIFIED D.F.T. COAT COAT D.F.T	VONIC	12	-/0/	7/0	6	
	INSPECTOR'S	SVETVATURE	/	DATE		1

LUNCH BOMIN 11:30-12



ĺ		DATE: 1017 MTWRF@BU	# Pg of	
	CORRECTIVE ACTIONS REPORT	PROJECT# 518 8043	COPY	
		INSPECTOR: T TOYNEY	QC Mgr Client	
	PROJECT/CLIENT: PANOT	, ,,,,,,,	Proj Mgr	
ļ	LOCATION: SP 8043 PITTSBE	JY54	ATTACHMENTS	
	DESCRIPTION: BLASTINS TPRIME	R SPAWTTI	STOP WORK ORDER	
į	REQUIREMENTS:			
Ţ	CONTRACTOR: CORCO N	SPEC#:408 SEC 1070	REVISION#:	
	TIME & LOCATION	NAME/COMPANY	WITTE SERVICE	
-				
}				
ŀ				
-				
-				
100	DESCRIPTION OF NONCONFORMING ITEM	DESCRIPTION OF NONC	ONFORMANCE	
0	LIGHTING	Λ-	WSIN BAY	
		Pa1110+143	S.P.	
(2)	WOVKERHEALTH+SAFETY	SAMPLES OF	Air	
3	ENGINEER SISW OFF OW	CONTAIN ME	743	
	COUTAIN MENT	9075.3 6-		- ^
9	ADDING REDUCTION, 10/0	USE MEASUVE	P CONTAINE	TK.
(5)	BETHERED SELECTION HOLD THE BETY DATE OF	ACTION LEVI		
0	9077-0001-07			
3	SEC 9077.3 C-1 P31154	7E143		•
Ė	JEC 10 11.5 G1 131134			
	DISCUSSION & RE		55、15、1865、455-3	
(<u>)</u>	(4) 514A		
7				
(
7	3			
	APPROVAL & COR	RECTIVE ACTIONS		
. 7		W	the state of the s	
[
_		**AA		
6.7	Aldrein wir in der State in der Schalbert auf der State der Gerein der der State der Gerein der der State der	alled tracks to the track of the second second	Appears of the San	
į.		IONS FOLLOW UP		
Þ			SAT BYN. MALL	
<u> </u>	2) CIH WILL BE OUT SUN		UNTIL CITION	かいて
۲		MOWDAY NO CONTAI	NMENT MOUE	
7	DIF REDUCTION USED ON GACH	APA/ TAFALLAL MOIAC	WE O CONTAINED	C NO MOVETA
F	MALAPPROVAL:	mine inco in mense	VED CONTINUES	10%
10	5) CLEAN UP TO BESIN SUNDAY	IN SPANIII		(-/0
- 1				
-	SIGNATURE TITLE DATE	INSPECTOR'S SIGNATURE	DATE	
			DATE	



Coating System Inspection Report

SW Accelse	TEN B	elge	PALUT	5457E	m ST	sel 1	ONC	BLIFE	3200	a Au	IN BRICKS	
Client	71	GENE	RAL INFOR	IOITAM	V.	[Shee	t of 1	IR No.: > ",	
Client Contact: MA	Will (AM	15	Supervisor	ntractor: Coecoi pervisor/Foreman: M. K.F.						ctor: B, 1		
Project: Acceleen			RE	-			KTA Job No. 260759					
Shift: PAURIC	STUDY	SE_	Crew Start				(Date:	10-8	06	
Work activities perfo		,	Inspector S				30 PW		Day:	5000la	1	
	miled loda	y. 272	E11-6 84	45/100	240 13	skle/	4 300	W3.		*		
Span (Show location on drawing):					/ /				- ;]	4 4	5	
Control Panel Place (Show location on draw	s 🗌 No	Rig con / rei (Sho	ow location ging / Containment moval time with location with the l	ntaini used nes - n on di	nent [If me - record in awing)]:	obile nstallatio	on	21	14			
Start time:	8:441	Ou.	Sto	p time:	ASIVE	DLAS	ING.	, <u>196</u>	4			
Number of		.,,		feet bla	et	····			lework t tal Manl			
blasters:	2			aned:			.		tarıwanı fmen x]	
				COAT	ING API	PLICA	TION	1 1	3 1 1 a		<u> </u>	
Manufacturer / Product Name	Quan Mixe (Galle	ed	Batch No.		mber of icators		olication art Time	Application Start Time		Down time	Reason for downtime	
Recoat Times	Coat 1	:		Coat	2:			Coat 3	2.			
	DRY FILM	TUICK	MECC	<u> </u>								
	Minim		Maximum		'NOS SA					CONTROL	, <u>.</u>	
Coat 1				AV	erage				Start	Stop	MPT Time	
Coat 2				<u> </u>		ļ	d Closure					
Coat 3				 		Con	ments:		•			
				<u>L</u>								
	· · · · · · · · · · · · · · · · · · ·			STAFF	ING/EQ	UIPN	MENT -		de la	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
No. of Workers	_				Hou	rs	Total Ho	ours	urs Location and			
or Equipment	T	ype of	Equipmen	t	Use	d	Used	1 .		Description of Work		
	ļ							1				
											,	
	, ,											
Comments: KTH	00 5	16 1	27 7:00	Am.			JOR C	360	5,72	40,1	- 3workers	
CONTENTION	5	26 1110	W STAC		BLU:	5/1n	141	BAL	41	With	2 hlasTes.	
apply The !	In Tie	MEU	NY CO	112/ 10/1		A	<u>mer</u> 13, <u>F</u>	BAL	47 1	1:00 A.	v Low (RAC)	
BAIDY AN	C Sa	Du	KI	<u> </u>	XX C	Di	Tet	10 h	1230,	DW.	10 m TENNED	
ON BITE.	-						···					
Inspector: 3,//	SUTTE	RIN			F	Revie	wed By:					
Signature Rul 8	ulte		Date:		5	Signat	ure:				Date:	
Distribution:	Clie	ent		☐ Cor	ntractor		□K	TA PM	Ī		Other	

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く フ・		DATE: O BOGNIWRFS (SU) # Pg of
* m*	DAILY COATING INSPECTION REPORT	PROJECT#: 4'265-402 COPY
		INSPECTOR: TOVWES Proj Mgr
	PROJECT/CLIENT: VA DOT	
	LOCATION: SPANILL BAYT, TIL, T	ATTACHMENTS DET SHEET NOR/CAR
	DESCRIPTION: SPIO BLASTINS, PRIMOR	INTERMIDIATE DET SHEET NORVEAR
	REQUIREMENTS: 5 PID, 3-SMILS PRIMEY	2
	CONTRACTOR: COV CON	SPEC#:408 (1070) REVISION#:
	DESCRIPTION OF AREAS & WORK PERFORMED	HOLD POINT INSPECTIONS PERFORMED
	CONTRACTOR BESAN BLASTING OF SPANIII BAY IVAI AT	1. WEATHER AND SITE CONDITIONS 2. PRE SURFACE PREPARATION/CONDITION & CLEANLINESS
	APPROX 9 AM AMTER REVIEWED	3. SURFACE PREPARATION MONITORING
		4. POST SURFACE PREPARATION/CLEANLINESS & PROFILE
	PREVIOUSLY PAINTED SONFACE	5. APPLICATION MONITORING/WET FILM THICKNESS (WFT) N
	ATT:30 AM FOUND TO HAUE	6. POST APPLICATION/APPLICATION DEFECTS
	LOWMILLASE ON BAYI	7. POST CURE/DRY FILM THICKNESS (DFT)
		8, CORRECTIVE ACTIONS FOLLOW UP & FINAL INSPECTION APPROVED BY:
		APPROVED BT:
	SURFACE CONDITIONS	AMBIENT CONDITIONS AREAS:
	MAINT PRIMER/PAINT AGE/DRY/CURE	
	HAZARD SAMPLE REPORT #	TIME 7:38 Am (D) 2:30 M
	DEGREE OF CONTAMINATION:	DRY BULB TEMP C/F 30 15
	TEST: Cl_ug/cm²/ppm Fe_ppm pH_ppm	WEI BULB IEMPS CIF 54 (AG)
	DEGREE OF CORROSION:	% RELATIVE HUMIDITY 78% 61% % %
	SCALE PITTING/HOLES CREVICES SHARPEDGES	SURF TEMP° C/F MIN/MAX 56° 74° / ° / °
	WELD MOISTURE OILS	DEW POINT TEMP® C/F 51 ° 61° ° °
GAWAPACI	PAINTED SURFACE CONDITION: 50 10	WIND DIRECTION/SPEED
770	BITT 10:1000/1 - 11:10	WEATHER CONDITIONS: CLOAR LOW WIND
	DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS ABRASION FALLOUT	
		PRIME BAY APPLICATION - BAY
`	SURFACE PREPARATION	STARTTIMES:45 PHYAH TIME6:45 PATEA 700 12/m2
3 <i>₽Ч</i> ₩	START TIMEQ: A. FINISH TIME AREA Soo ft2/m2	PRIMER INTERMEDIATE TOPCOAT TOUCH UP
OUE 12:45H	SOLVENT CLEAN HAND TOOL POWER TOOL	GENERIC TYPE ZINC QTY MIXED 42940
SITH BLASTINS	LD WYCH BCI	MANUES W MIX RATIO NA
	ABRASIVE BLAST ABRASIVE TYPE SAMPLE SLACT BOTH	PROD NAME GALVAPAC MIX METHOD HOWER MIXE
3A4 <u>I</u>	BLAST HOSE SIZE NOZZLE SIZE/PSI AIR SUPPLY CHEANLINESS	PROD # STRAIN/SCREEN
BLASTIUS	WATER/OIL TRAP CHECK EQUIPMENT CONDITION CHECK	COLOR GRAY MATERIAL TEMP 64
_	WATEROIL THAT OFFICER LEGIT MENT CONDITION OFFICER	KIT SIZE/COND 3744 INDUCTION TIME NA
1:15Pm	SURFACE CLEANLINESS & PROFILE MEASUREMENT	SHELF LIFE 190 POT LIFE 4hrs
	<u> </u>	
	JOB SPEC NACE/SSPC-SP- 1 O	20,0
	111.012.00.00.100.1100.120.00	(A) OX1176H QTYADDED 101
	PROFILE CHECK: DISCTAPEGAUGESPECIFIED[.5.3_Snils/µm ACHIEVED 3.8-4_hils/µm	(B) % BY VOLUME 870 %
	SURFACE EFFECT ON D.F.T. GAUGE/BMR/mils/ym	(C) Specified WFT. N A milsµ/m
	Sort AGE ELLEGY GIVELT. I. GAGGEBINATI	REDUCER Acheived WFT N A milsu/m
	LT INT DDESC O EIL MIN	(AIRLESS/CONV BRUSH ROLLER PRIMER)
£ 22 C	COR BPRESS-O-FILM	PUMP/POTGRACO HOSE dia. 4 AIR CHECK
10 to 1	No. TESTEX Reading 1 NEWARK, DE 19715 Gage less 22 mils	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Gage less 2.0 mils USA	
LM™ ET TESTEX NEWARK, DE 1971 USA or (40 to 115 μm)	X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)	GPM/CFM N/A SPRAYGUN FILTER
Z Frige v A	13.5 C	PSI N/A TIP SIZE OL AGITATOR U/A-
O-FILM "" TEST NEWAR USA S mils) or (40 t	GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL CALIB. AVERAGE D.F.T THIS D.F.T LAST AVERAGE MODEL # VERIFIED D.F.T. COAT D.F.T.	10/9/06
(\mathred \text{\ti}\text{\texi}\text{\texi}\text{\text{\text{\text{\text{\text{\text{\texi}\text{\te		INSPECTOR'S SIGNATURE DATE
Section of the sectio		

R PRE	SS-O-FILM RIGHT
Reading 4	NEWARK, DE 19715
or 50 μm	`√` USA
Gage less 2.0 mils or 50 μm	

No. TESTEX 1

Gage less 2.0 mils or 50 μm

X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)

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	DFT MEASUREMENT WORKSHEET						PROJECT # 4265-402				22	COPY				
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MISSES RUNS, 9RIT LOWMILLS 549

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		DATE: 10/8/66MTWRFS (SU)	# 1 Pg of
	CORRECTIVE ACTIONS REPORT	PROJECT#: 4245-A02	COPY
		INSPECTOR: TIT	QC Mgr Client
	PROJECT/CLIENT: PADO T	Taxon controls 1	Proj Mgr
			ATTACHMENTS
	DESCRIPTION: DOST PLUME _		STOP WORK ORDER
	REQUIREMENTS: CONTAINMENT		
	CONTRACTOR: CORCON	SPEC#: F	IEVISION#:
•	TIME & LOCATION	NAME/COMPANY	OTTEE SAME
$\langle 0 \rangle$	10:45 LT FACIA AVEA	COYCON	
	BATY SPANZ		
	DHILL LING	· · · · · · · · · · · · · · · · · · ·	
	11:3-0		
	4:30 PM DOST+GRIT STAVTIN	<u> </u>	
	TO ACCUMULATE ON ROADWAY.	LCOVE AVEA, YICK	(CROWDINS
	LAWE,	/	
	DESCRIPTION OF NONCONFORMING ITEM	DESCRIPTION OF NONCO	NFORMANCE
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	REFERENCED: SPECIFICATION/PROCEDURE/STANDARD	ACTION LEVE	¥
	408 (SEC 1070)		
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	DISCUSSION & RE	COMMENDATIONS	
\bigcirc	PEVIEWED ISSUE WITH	MIKE MACCIS	CORCOW
	KENIEWED 1330C WILLI	MITTER STATE	
\bigcirc	PEDIEWEN ISSUES WITH	4 A 1 18 5 HA - D / / 15	COVCOW
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ľ	FINAL APPROVAL:		1- 1
		1 on lus	10/8/06
-	SIGNATURE TITLE DATE	INSPECTOR'S SIGNATURE	DATE
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	DATE: O & OCM TWAFS OU)# 2 Pg of 3
CORRECTIVE ACTIONS REPORT	PROJECT# 4265-AOZ	COPY
	INSPECTOR: 1 (1	QC Mgr Client
PROJECT/CLIENT: PA DOT		Proj Mgr
	_ ~	ATTACHMENTS STOP WORK ORDER
DESCRIPTION: PRIMER INSPECT	100	STUP WORK ORDER
REQUIREMENTS: 3-5 MILS		
CONTRACTOR: COVCOW	SPEC#: 408 1070 +;	REVISION#:
TIME & LOCATION	NAME/COMPAN	Antree, 55%
7:30 SPAN 2 BAY T.	TLT PADO	T
DESCRIPTION OF NONCONFORMING ITEM	DESCRIPTION OF NONC	ONEODIANOE CONTRA
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LOW MILLASE ON PrIMER		
COAT OF SYMULL BAY		EVA-S
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REFERENCED: SPECIFICATION/PROCEDURE/STANDARD	ACTION LEV	ELPASTED ACTOR CO.
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Coating System Inspection Report

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	PAUT SYSTEM STUDY ON CALIFOR					Sheet (of) IR No.: X					
Client Sherwin	Contractor: CORCOW					Inspe	ctor: 戊 , 11	BUTTERINI			
Client Contact: MA	ek Hu	<u>d501)</u>			n: M	KE			KTA	Job No.26	0759
Project: ACLELERA	RY BRIO	SE	Crew Start:		Stop:				Date:	10-9-	-66
Shift: PAURIC		,	Inspector S	tart: フ; ம	re a Sto	p.			Day:	Morel	20/-
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Work activities perfo	27600 (3.1)	2	DNIL	Bay	1) KOV	un	15 DEL	CEC(1)	- <i>- 0</i> 2	SI V XI C	Som,
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(Show location on draw			.5 [] 140				nent [If mo – record in		n	/ /	<i>f</i> "
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w/A						-					
Recoat Times /	Coat 1	:		Coat	2:	 		Coat 3	: .		
	DRY FILM	THICK	NESS	NESS A CONTRACTOR OF THE CONTRACTOR				RAFFIC	CONTROL	- 11.9	
	Minim	um	Maximum	Ave	rage				tart	Stop	MPT Time
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Coat 2	4				=:						
Coat 3			··			Con	iments:		•		
Cours				<u> </u>							
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or Equipment	<u> </u>	ype or	Equipmen	ĭ .	Use	ea	Use	a .		Description	on of Work
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Inspector: 3,77	30712	RIN	Č			Revie	wed By:				
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Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements and/or observations believed to be accurate. This inspection report shall not be reproduced, except in full, without the written approval of KTA Tator, Inc.

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	DATE: 1000 MT WRFS SU	
DAILY COATING INSPECTION REPORT	PROJECT#: 4265-A02	COPY
<u> </u>	INSPECTOR: TLT	Office Client Proj Mgr
PROJECT/CLIENT: PA DOT		
LOCATION: BAY 4-541		ATTACHMENTS
DESCRIPTION: YRINER COAT		DFT SHEET NCR/CAR
REQUIREMENTS: SP-10 PROFICE	1,5-35	
CONTRACTOR: CORCOW	SPEC#:	REVISION#:
DESCRIPTION OF AREAS & WORK PERFORMED	HOLD POINT INSPECTION	IS PERFORMED
PRIMER BAY 5 INCOMP	1. WEATHER AND SITE CONDITION	s
PAYT OF BAY 4	2. PRE SURFACE PREPARATION/CO	
TRENIT BAY!	SURFACE PREPARATION MONITY 4. POST SURFACE PREPARATION/0	
	5. APPLICATION MONITORING/WET	17.5
	6. POST APPLICATION/APPLICATIO	
	7. POST CURE/DRY FILM THICKNES	
	8. CORRECTIVE ACTIONS FOLLOW APPROVED BY:	UP & FINAL INSPECTION
SURFACE CONDITIONS	AMBIENT COND	
NEW MAINT RIMER/PAINT AGE/DRY/CURE	AREAS: SPAW III BAY	
STEEL GALVANIZE CONCRETE HAZARD SAMPLE REPORT #		4:5014
DEGREE OF CONTAMINATION:	DRY BULB TEMP° C/F 74°	75' '
TEST: Clpg/cm²/ppm Feppm pHppm	WET BULB TEMP° C/F 66°	66
DEGREE OF CORROSION: SCALE PITTING/HOLES CREVICES SHARP EDGES	3.3	C2 % % %
WELD MOISTURE OILS	110	39
PAINTED SURFACE CONDITION: SPID	52,770,177,12,711 0,11	50
DRY TO/TOUCHHANDLERECOAT	WIND DIRECTION/SPEED	CLOUNT
DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS ABRASION FALL OUT	WEATHER CONDITIONS: YTCH	
SURFACE PREPARATION	START TIME PM FINISH TIME	
START TIME O'S FINISH TIME 5 30 AREA (~O ft²/m²	PRIMER INTERMEDIATE	TOPCOAT TOUCH UP BAYO
SOLVENT CLEAN HAND TOOL POWER TOOL		MIXED PRIMER
HP WASH PSI		RATIO
ABRASIVE BLAST ABRASIVE TYPE SAMPLE & AFRICT	0.00	METHOD
BLAST HOSE SIZE NOZZLE SIZE/PSI AIR SUPPLY CFM AIR SUPPLY CLEANLINESS		AIN/SCREEN NO SCREENING
WATER/OIL TRAP CHECK EQUIPMENT CONDITION CHECK		ERIAL TEMP
		JCTION TIME N YT
SURFACE CLEANLINESS & PROFILE MEASUREMENT		LIFE
JOB SPEC NACE/SSPC-SP	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	UCER#
NACE/SSPC SPEC/ VISUAL STDS		ADDED
PROFILE CHECK: DISC TAPE GAUGE SPECIFIED 5 Mils/pm ACHIEVED 5 Mils/pm	(B) % B	Y VOLUME %
SURFACE EFFECT ON D.F.T. GAUGE/BMR/mils/pm	(C) Spec	oified WFT milsµ/m
	REDUCER Ache	eived WFT milsp/m
PRESS-O-FILM™	AIRLESS/CONV BRUSH	ROLLER PRIMER
Bearing () 5	PUMP/POTGRACO HOSE dia.	AIR CHECK L
Gage less 2.0 mils or 50 µm	RATIO/SIZE 56-1 HOSE Lng. A	
X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)	GPM/CFM : N/A SPRAY GUN	
D.F.I. GAUGE CALIBRATION	PSI NA TIP SIZE	OL7 AGITATOR MA
GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL CALIB. AVERAGE D.F.T.THIS D.F.T.LAST AVERAGE.	\sim \sim	7
MODEL # VERIFIED D.F.T. COAT COAT D.F.T	V(m)	
	INSPECTOR'S SIGNATURE	DATE

	SS-O-FI	LM™
No. K	<u></u> ≥ 380 ×	TESTEX
Reading 4.5		
Gage less 2,0 mils	_v= ::::::::::::::::::::::::::::::::::::	NEWARK, DE 19715
or 50 μm		USA
Y COADSE /4	E to 4 E mile)	(40 !- 41= 1



Coating System Inspection Report

SW Accelsed	TED B	2090	PAINTS	STEM	<i>≾</i> 7.	isel.	1006	aLiF.	- 	a Du	EW BRICKE
		GENE	RAL INFORM	VATION		7			Shee	t of	LIR No. Ci U
Client Sheer In 1	WILLIAM	15	Contractor:	CORC	06	Ĵ			Inspe	ector: Bu	BUTTERINI
Client Contact: MA	ek Hu	c/30N	Supervisor	Foreman:	M	K			KTA	Job No.	6759
Project: Accelecal Shift: PAUNSC	EU BRIO	SE	Crew Start:	7:30 AS	Stop:	J	2		Date		- 06
Shift: PAUNSU	STUCK	7	Inspector S	tart: 7:30	Sto	p: /_	ticopi	11	Day:		1//
Work activities perfo	rmed toda	y:								100000	1
Span		3		Bav					- -	***************************************	
(Show location on draw Control Panel Placen				(Show I			rawing):			<u>5</u>	
(Show location on draw	nent ing):	-1	es No Boild-Uf	contair	men	f ricar	ment [If me I – record in				/
		Opi	wer (260	// remov	val tin	nes -		istanani	7 11	MI	A
	· · · · · · · · · · · · · · · · · · ·	100	3,	// (Show le		11 017 0	rawing)]:	A. at			
Start time:	10520	A	Stor	time:	IVE		730		1 ./ 		1 1/
Number of	1	* 1	<u>-</u>	feet blast	-			·	ework t tal Man		1/2 hook
blasters:	oquale seet blast									hours)	
	T-1-2			COATING		PLIC	ATION	.3	gi striĝ		
Manufacturer / Product Name	Quan		Batch No.	Numb	er		plication		cation	Down	Reason for
5-W	(Gallo		NO.	of Applica	tors	51	art Time	Start 5%P	Time	time	downtime
GALVAPACZIEC	2م25 ـ	DD2	0X1176H	1		60	орт	7:4	51m	5-10	gow KEPT Crauting wp
Recoat Times	1	0 111 1100		Clauting OD							
DRY FILM THICKNESS TRAFFIC CONTROL											
	Minim		Maximum	Avera					Start	Stop	MPT Time
Coat 1	<u> </u>								-		
	2			2)		Roa	ad Closure	91	OOP	9:1504	giorA To 730pm
Coat 2				/		Cor	nments:	1	MAU	SETL	P
Coat 3						l		<u></u>		0 AT 7;	
	,			STAFFIN	G/EG	UIP	WENT /	White a		- P. P. L.	7
No. of Workers	_				Hou	ırs	Total He	ours		Locat	ion and
or Equipment	- T	pe of	Equipment	t	Use	ed.	Use	<u> </u>		Descripti	on of Work
2 LADERORS	1		·								
	mitter	-7.	T 1117	4 0			ļ				·
1 mach	OFF 30	10, ju	1/ 11.3	<u>0 Дт)</u>			<u> </u>				
1 FORAMBA		< Z z	REDOC	118	2						
Comments: LTa	سک.		. /								
Comments: TA GN	Our 2	1/	30Am L	ortepi	TOR	10	DSTEJ	The	RFER	nAining	ARRAS Touch-cop
BALL DET	200	ω_{ll}	1 /1)hac	51xR F	bul C	(y)	RIMEC	4-17	We	AL58	Touch-cop
DAY 1 HEAT	+					-					
:		-	· · · · · · · · · · · · · · · · · · ·								
					w -		· · · · · · · · · · · · · · · · · · ·				
Inspector: Bill L	SUTTE	P 16.1	· ·		11	Revie	wed By:				· · ·
Signature Bul 8	alle	,	Date:			Signa	<u>-</u>				Date:
Distribution:	Clie			☐ Contra				TA PM			Other

Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements and/or observations believed to be accurate. This inspection report shall not be reproduced, except in full, without the written approval of KTA Tator, Inc.

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	DATE: 10/11/06M T	(W) PFS SU	#	Pg	of /
DAILY COATING INSPECTION REPORT	PROJECT#: 5R 42		<u>'</u>	COPY	7
	INSPECTOR: TAT		Office Brol Mr		lent
PROJECT/CLIENT: VADOT			Proj Mo	d:	
LOCATION: SPANITE BAYITT				ACHMEN	
DESCRIPTION: INTEV MEDIATE COA.	7-		DFT SH	EET N	ICR/CAR
REQUIREMENTS: D.P. 50 BELOW 6TO	EEL TEMP		ļ . 		
CONTRACTOR: CORCOW	SPEC#: 408 (10		REVISIO		
DESCRIPTION OF AREAS & WORK PERFORMED	HOLD POIN	NT INSPECTIO	NS PERFO	PMED	
AFTER MEETING IN FIELD	1. WEATHER AND SI	ITE CONDITIO	NS /		
OFFICE, MIKE MALLIC ASKE	2. PRE SURFACE PF			& CLEA	VLINESS
ME TO PVOULDE AMBIENT	3. SURFACE PREPARATE 4. POST SURFACE F			ESS & PE	ROFILE
CONDITIONS TO SEE IF	5. APPLICATION MO				
HE CAN PAINT INTERNEDIAT	6. POST APPLICATIO	ON/APPLICATIO	ON DEFEC		` '
COMPITIONS WEVE NOT FAVORABLE	7. POST CURE/DRY	FILM THICKNE	ESS (DFT)		
ATTWATTIME.	8. CORRECTIVE ACT	TIONS FOLLO	N UP & FIN	AL INSPE	C DON
	APPROVED BY:				
SURFACE CONDITIONS	A	MBIENT CON	DITIONS		101
NEW MAINT PRIMER/PAINT AGE/DRY/CURE	AREAS:				
STEEL GALVANIZE CONCRETE	TIME	12:45	Pm		
HAZARDSAMPLE REPORT #	DRY BULB TEMP® C/F	65°	•	•	°
DEGREE OF CONTAMINATION:	WET BULB TEMP® C/F	63.		0	٥
DEGREE OF COMBOSION:	% RELATIVE HUMIDIT	y 89%	%	%	%
SCALE PITTING/HOLES/ CBEVICES SHARP EDGES	SURF TEMP® C/F MIN/I	MAX 67 °	1 0	7 .	/ °.
WELD/MOISTURE / OLS	DEW POINT TEMP® C/F	F 64 °	•		-
PAINTED SUPFACE CONDITION!	WIND DIRECTION/SPE				
DRY TO/TOUCH / HANDLE RECOAT DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS	WEATHER CONDITION	15: (67-6º	4=3 N	3 70	POVER
ABRASION FALL OUT					2270
SUBFACE PREPARATION	SECOND SE	INISH TIME	ARI		it²/m²
TART TIME FINISH TIME AREA ft ² /m ²	5.01	RMEDIATE	TOPCOA	J T	OUCH UP
SOLVENT CLEAN HAND TOOL POWER TOOL	GENERIC TYPE		Y MIXED		
HP WASH PSI	MANUF /	/ / / M	X/RATIO		
ABRASIVE BLAST ABRASIVE TYPE SAMPLE	PROD NAME A		X METHOD	~~	
BLAST HOSE SIZE A	PROD#		RAIN/SCRE	~	
AIR SUPPLY CFM. V AIR SUPPLY CLEANLINESS WATER/OIL TRAP CHECK / EQUIPMENT CONDITION CHECK	COLOR		TERIALTE		
WATEROE THE OTEON / LEGIT WENT CONDITION OFFICE	KIT SIZE/COND	/	DUCTION T		
SURFACE CLEANLINESS & PROFILE MEASUREMENT	SHELF LIFE		TLIFE		
JOB SPEC NACE/SSPE-SP-	BATCH NUMBE		DUCER#		
NACE/SSPC STAC: VISUAL ATOS	(A)		Y ADDED		
PROFILE CHECK DISO 1-TAPE GAUGE	(B)		BY VOLUM		%
SPECIFIED <u></u> ✓ mijs/µm			ecified WF1		milsµ/m
SURFACE EFFECT ON D.F.T. GAUGE/BMR/mils/pm	(C)		heived WFT		milsµ/m
, , , , , , , , , , , , , , , , , , ,	REDUCER		ROLL		PRIMER
MEASUREMENTS	AIRLESS/CONV	BRUSH	NOLL	AIR CH	
	PUMP/POT	HOSE dia.		TRAP	
	RATIO/SIZE	HOSE Lng.			
	GPM/CFM	SPRAY GUN		FILTER	
D.F.T. GAUGE CALIBRATION	∫ PSI	TIP SIZE		AGITAT	OR
GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL GALLE AVERAGE D.F.T.THIS D.F.T.LAST AVERAGE MODEL # VERHING D.F.T. COAT COAT D.F.T.	- \ (om \ /	ay	10	11/	06
	INSPECTOR'S	SKNATURE		DATE	



							FU.	RM 5								
								DATE: C	111	06M T	W)RF	s su	#	Pg	of /	}
DF	TN	/IEAS	UREN	ENT \	NORK	SHEE	T	PROJECT#	F:	426	5-AC	2.1		COPY		
			S					INSPECTO	R:	TLT	- 3		QC Mgr	8	ient A Oo	 -
PROJECTA	CLIE	NT:	JAY	T00		_	~ ~						Proj Mg	r <u>1.</u>	400	_`
LOCATION	:	~ ~ ~ <	AGG	U U		KA	4 f 2	-}				s	SPEC#: 4	160	1070)	
DESCRIPT	ION:	P(ZIME	CO	AT	(5	ALU	APAC	_	BCIAK	PROVISIONS					
ITEM: 9	CO.	70-	000	1-02	2 ∮	TUVE	NUC.	1厘於 4		157.5	TRUC	OSIA	is Acc	BRI	09E	PAINTING ZCOA
LOCATION	A	İ	;	SPOT R	EADING	S	0	LOCATION	A	4	< s	POT P	EADING			3
BAYI	E	1	2	3	Total	%Min	Avg	LUCASION	E	- in	-	3	Total	%Min	Avg	WIN = 15m
RENT	Â	5	40	< 4		and the same			Â	5	40,		257	17089	5.14	FOU Prime
RINT	В	1-5-5	11.1	12.2			man non	1	В	120	f		<u>ا رسا </u>	1.110	1 3	
CHROER	 	6.2	5.5	14.8	- Charles Children	C.SVIII.	ļ		1	5.0	52	<u> </u>	12Cm)	173	5.34	
R ROTTE	C	4.6	4,9	5.6	- Tale Million	pagaman and pagaman district	processes that		C	5.4	4.3		8.45	165	4.96	
L. INT	ln.	3.1	3.3	5.0	m, 000000	Liver Contractor	TORRING TO		D	4.5	5.0		1209	139	4.18	,
FLOOR BEAN BACK	E	5.1	50	36	AND THE PERSON NAMED IN	Mark Control Market	or the second		E	40	50		227	151	4	-/
hbbiov.		500		5F				Approx.	1.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	پارت			اب	1.0	ľ
1(² /m ²	Spe	cified DF			Total Av	بننشن	mils/µm	it²/m²	Sno	cified DF	 () न	mile/um	Total Av		mils/um	
Reference I			~					Reference l	, ·							
ITEM: 9	4.570	202 () 7		1-07	1		Zconi		nape M	AND SO	3011 T ()	0/10	10,000	applioditi activiti	H100070	
Literatur 1994	A	101:		POT RE			GE COM	39. 1-30.	3 A	\$550000	**************************************	DOT B	EADING	<u>0 00003744</u> D	3739-470-588	
LOCATION	B							LOCATION	R	4						
BAYIV	Ā	1	2	3	Total	%Min	Avg	-	Ā	4	2	3	Total	%Min	Avg	
FON KCIOP	Α	5.0	4.4	32		-			Α	5,2	29		20.7	138	4.14	
1115	В	4.2	38	4.0			1.78 1.78		В	40	4 9		202	1.30	416	
BOTTEN	С	-7 E	<u> </u>	1		PERSONAL PROPERTY.			С	47	4,0		10 3	128	3.89	
CHE FLAGE	- 1	ه ک	51	3.0	6	in and the second			<u> </u>	-11	1/6-2		117,6	100	0.01	
C. 101 E. D.C. 10	D	4.5	4.[45	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				D	5,2	5.1		1537	<u> 155</u>	4.64	
fork cin	E	5,2	3,8	2,8		PARTICIPATE AND ADDRESS OF THE PARTICIPATE AND ADDRESS OF THE			E	3,0	4.0		1881	125	3,76	
Apprax. ft²/m²	5	00 .	600	SF	· ·	And the Property of the Persons	Charles was 5	Appτox. tt²/m²	1.			200				
it /lit	Spe	cified DF	T-2 &	mils/µm	TotaLAve		mils/µm	n pa	Spa	cified DF	T	mils/µm	Total Ave	g.	mils/µm	
Reference Ir	spe	ction Rep	ort# 10	11010	€ for a	pplicatio	n record	Reference li	nspe	ction Rep	ont#		for a	application	n record	
ITEM: 9	٥-)/S=-C	1001	-07		Zco	170	ITEM:	C.			4. O. O.	7 32 3	J. Hry		
.,,	A		5	POT RE	ADING	S	,		A R		S	POT R	EADING	S		ĺ
LOCATION	E	1	2	3	Total	%Min	Avg	LOCATION	E	1	2	3.	Total	%Min	Avg	
BAYT	Α	,		l' 2	IU(a)	70IVIII	Avy	سـ	A	-		J.			† 	
GIRDER	Α	49	4.1	4.7	<u> </u>				A	3,0	3,0	يكرون صور	-1197	131	3.94	
BILINE	В	3.5	2.7	3.6	1				В	13.7	30		165	110	33	
ELANGE.	С	52	43	55			1		С	49	4.4		245	163	40	
FLOOR	D		17	1	<u> </u>		-		D	~ C	-3 /		<u> </u>	110	1111	
BEAM.		5,4	37	4.2		l	<u> </u>	<u> </u>	 	28	5,40		<u> 213</u>	146	44	
FULL	E	4.0	4.1	3,6	ļ				E	3.0	5.1		21.8	145	4,24	
Approximation ft ² /m ²		500	-600	>				Approx.					·		<u> </u>	
	Spe	cified DF	73~5	mils/µm	Total Av	g	mils/µm	1 7 7 11	Sp	ecified D	- 1	mils/μπ	Total Av	g.	mils/µm	
Reference la	nspe	ction Rep	on# / C	liolo	6 for	applicatio	n record	Reference	nsp	ection Re	port# [0/6	06 for	applicati	on record	
1,345.54.	D	F.T. GAL	JGE CAI	IBRATIC	N RECO	RD					1	Dilo	106]
	UGE	PLATE/ SHIM	BMB	ADJUST	SPEC.	D.F.T THIS	D.F.T LAST						,]
MODEL	HAL ≓	mils/pm	SMH	+/-	COAT	COAT	COAT	1	7Y	nll			101	11/10	16	
6000	Z9Z	O-20	06	0	3-5	PRIME	PRIMER	- 1		ECTOR'S S	IGHT ÜÄE			DATE		
¥=-1		2124765				1110			_							•

* NOTEX SPAWIII
BAYS
INCOMPLETE
FLANGES
4 FOLL HEIGHT
F.B. NOT
COMPLETE



Coating System Inspection Report

SW ACCELERA	TED BRIDG	E PALUTS	YSTE	m ST	Belvi	ONC	uLil	GANI	a Au	EN BENCE
	GEN	IERAL INFORM	IOITA	1	7		•	Shee	t of	IR No.: 11
Client Sherwin A	Jilliams	Contractor:	COR	COL	J			Inspe	ector: B, 1	BUTTERINI
Client Contact: MA	EK Hudson	U Supervisor/		an: M	KE	<u>. </u>		KTA.	Job No. L	0759
Project: ACCELERATE Shift: PAUTICE	4 BRIDGE	Crew Start:		Stop:				Date:	10-12	-06
		Inspector S	tart: 🍞	i3aASto	p: /	4.00 P	11	Day:	170250	(s.)
Work activities perfor	med today:									/
Span (Show location on drawing	na).	3.	Bay					IR	A1/ -	3
Control Panel Placem	rent ¬ 风)	∕es □ No		w locatio		rawing): ment [If m	obile	- - - - - - - - - - 	(
(Show location on drawing	ng): /		con	tainmeni	t used	– record i		tion	n	11
Intermediate Co.	4 Triel 10			noval tin w locatio		rawing)].			0 (' " "
				ASIVE E				- 1		
Start time:		Stop	time:			/		Rework t	ime;	,
Number of	MA	Square f		st	/	14	Т	otal Man	hours	NA
blasters:	·	clea	ned: (# COATING APPLICATION					of men x	hours)	1 / 1/
Manufacturer /	Quantity	D-t-I			_			i∦ i vy		12 2 2
Product Name	Mixed	Batch No.5		mber of		plication art Time	Application Start Time		Down time	Reason for
5-W	(Gallons)		icators	3.	are rune	510		une	downtime	
MACROPOX/646	46015		ı	11:	05 Am	213000		1/2/0012	FROBLEM SPRAN	
Recoat Times	Coat 1:	B-DXIRGY	Coat 2:		THUSHIN		2:30pm Coat 3:		1416012	ESOIP PROBLEM
	RY FILM THIC	KNESS				TRAFFIC	CONTROL	ing distance		
Bay 3	Minimum	Maximum	Ave	rage			T	Start	Stop	MPT Time
Coat 1 Ruco	2.6	5.0	₹.	3.5		d Closure	•	,	/ 1	
Coat 2				Comments:			1.	/ //	-	
Coat 3					1		ĺ	1.		
			STAFF	ING/EC	I	MENT	· . pity	2010	4 . 5° . 4° %	
No. of Workers	[71711	Hou		Total H		<u> </u>	Locat	ion and
or Equipment	Туре с	of Equipment		Use		Use				on of Work
								·		
2 westrer	SER	REDUST	>							
Frenmen		2/2						· · · · ·	****	
	y									
									,	
Comments: CouTa	ENTTOR O	U SITE	47	10.	20 -	Δω	177	- 2.	1.120 A.	A S A (
1 FOREMAN.		(INTERM	15/10	175 (' a .1 "	T 5.61	10/1) < 0 d \ \	100 RULLY	1. (84.00)
IN BAY 3 SOA		nd Drob	LEW	1 54	DRA	Jung	The	T COR	17/mg:	10 (10201)
						/ /				
										· ·
	· · · · · · · · · · · · · · · · · · ·									
Inspector: B, // F	, 			- · · · ·	<u> </u>					
	SUTTER IA		· · · · · ·		Revie Signa	wed By:				
Signature Sul 8	70 14 06								1	Date:
Distribution:	☐ Client		Cor	ntractor			CTA PI	M		Other

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Project	Name;				Date:	16 11	st She	PL net of	1	P No :	7
	REQUIRED NU	MRERG	EDE							i i i i i i i i i i i i i i i i i i i	ı
				Name of the last o			7	1			
	cture/item less than 300 f ² – Test each 10 cture/item less than 1,000 f ² – Test 3 rand			- d ²	1651	HAR	show	' / -	- 7 9		
											.,
U 380	cture/Item greater than 1,000 f^2 – Test 3 rates (Describe) $\int E_2 \int P_2 N \mathcal{T} L S \int P_2 N \mathcal{T} $	indomly se	ected	100 T area	s and for المسيد	each additi	ional 1,000	Dest 1 rai	ndomly sel	ected 100	r a
- 000	Area	7 (-)	<u>C</u> 02	Snot Re	ading (A	verage o	63)	W~		Spot A	Ver
<u> </u>	A	1	T	2	3		4	₹ 5	1		
1651	PANELS I PROVI WITH	Hele	,	27	25	1 3	0	3.1	3	.2	
	Area			Spot Re	ading (A	verage o	f 3)		Total :	Spot A	ver
	1 0 1	1		2	3		4	5		_	
L	1 BACK	1.9		2.1	2.0	12.		2.5	d.	<u> </u>	
ļ	Area	<u> </u>				verage o			Total :	Spot A	ver
1	2 FROW WITH	1		2	3		4	5)	1	
	Area	1.2		<u>کا ہیں ۔</u> 5	3,0		<u> </u>	1.8	7-4-17	ソし	
ļ	Alea	1		Spor Ke	ading (A	verage o	4	5	lotal	Spot A	ver
	2 BAck	3,0	-+-	2.6	24	<u> </u>	- /	2.8	1	1.	
	Area	7 50				verage o		d10	Total:	Spot A	Ver:
		1	\top	2	3		4	5	/,	7	
	3 FROUTWITH#	3.7		4.1	6.1	L	111	Hola	1 4	5	
	Агеа			Spot Re	ading (A	verage o	f 3)	1	Total :	5 Spot A	ver
	2.0	1		2	3		4	5		<u>-</u>	
	3 BACK	3.7		46	4.2			30	3	<u> </u>	
	Area	 				verage o			Total	5 Spot A	ver
	160 +1 1 #	1	_	2	3		4	5	2	1	
	Y FROW WITH #	2,8		3,7	3,6	<u>』 ろ,</u> .verage o		3,3	Total.	5 Spot A	
		1		2	3		4	5	10tal	3 Sport	401
	4 Back	28		3.7	3, 2			3,2	1 3	.2	
	Area	1				verage o		J. 6	Total	5 Spot A	ver
		1		2	3		4	5	<u> </u>		
<u> </u>									1		
	DRYFIL	M THIC	KNE	SS MEA	SUREM	ENT SU	MMARY				
l Hem Di	repared or Item No. (Note on T3060-F)	1									
<u> </u>											
Range	<u></u>										
Range Range	(actual, after deduction of BMR)⊕								<u> </u>		_
Range Range Averag	(actual, after deduction of BMR)© e (actual, after deduction of BMR)	actions to	bon t	o rosobie:							
Range Range Averag	(actual, after deduction of BMR)⊕	actions ta	iken t	o resolve:							
Range Range Averag ①Expla	(actual, after deduction of BMR)© e (actual, after deduction of BMR)		iken to		N/A	Sat	Unsat	N/A	Sat	Unsat	
Range Range Averag ŒExpla	(actual, after deduction of BMR)⊕ e (actual, after deduction of BMR) in any readings #80% or ∃120% and			o resolve:	N/A	Sat	Unsat	N/A	Sat	Unsat	
Range Range Averag ŒExpla	(actual, after deduction of BMR) e (actual, after deduction of BMR) in any readings #80% or 3120% and on the information above:		Sat	Unsat			Unsat	N/A	Sat	Unsat	
Range Range Averag ①Expla Based Averag	(actual, after deduction of BMR) e (actual, after deduction of BMR) in any readings #80% or 3120% and on the information above:	01171	Sat				Unsat	N/A N/A	Sat	Unsat	
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Other:						· _
Note: This inspection report represents information accurate. This inspection report s	gathered by the KTA	inspector. It provided, except in full, with	s a record of measi out the written app	urements and/or proval of KTA T	observations believator, Inc.	ed to be
KTA Daily Painting Inspection Re	port 2003	©Copyrig	ht KTA-TATOR,	INC. 2003	T3060-C	
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Project 5~W f	ROIFOT	Name:				Date:	7	Shi	eet of		R No.:			
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	or Item No. (Note	on T3060-F)		BAY			L					. [4]		
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`` `	after deduction of			3	<u>. خ ر</u>		L			Щ.		* * *		
⊕Explain any rea	adings #80% or 3	1∠0% and a	ctions	taken t	o resolve:									
		·												
Based on the in	formation abov	e:	т	Sat	Unsat	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A		
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-			ОТН	ER FI	LM MEA	SURF	ENTS	1						
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accurate. This inspection report shall not be reproduced, ex	ccept in full, without the written approval of KTA Ta	tor, Inc.								
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80% /120 64-180 MIN MAX FORMS

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TYPE SE	UGE	PLATE/ SHIM	BMR	ADJUST	SPEC. AVERAGE	D.F.T THIS	D.F.T LAST	- Jan	10	mV	my		101	14/0	06	
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POSTECTOR 6000 F-1 K-62929



Coating System Inspection Report

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Client Contact: MA	EK Huclso			n: M	IKE		KTA	Job No.	1 0075	3
Project: Acceleration Shift: PAUTISC	ed BRIDGE	Crew Star	. ,	Stop:			Date	10-14	9013 -81	<i></i>
		Inspector	Start: /	& Stc	Pow Sit		Dav:	SATUR	00	
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(Show location on drawi				w locatio	n on drawing):	/	-			
Control Panel Placerr (Show location on drawing	nent L	Yes □ No	Rigg	ing / Co	ontainment (If m	obile				
			conta	ainmeni Ioval tin	t used - record i	installatio	n			
					nes - n on drawing)]:		İ			
Start time:			ABRA	SIVE	BLASTING	A - 45 -			·····	
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blasters:			feet blas	st			al Man		 	
		Cle	aned:			(# of	men x	hours)		
Manufacturer /	Quantity	Batch			PLICATION		d of the	es Se		100
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 	(Gallons)		Applic		Clart Time	Start	ıme	time	dow	ntime
									 	
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Coat 1	L	· · · · · · · · · · · · · · · · · · ·				3	lart	Stop	MPT	Гime
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REPORT FOR	IN FORM	notive.			COCKY ,	<i></i>		TENK	NOW /	
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nspector: 8,77 B	ITTER 161	· ·		R	eviewed By:					
Signature Sul 8 4	the	Date:			gnature:				-	
Distribution:	Client		Contra			ГА РМ			Date:	
				40101		A PIVI			ther	

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DAILY COATING INSPECTION REPORT DATE: 10 14 06 MT W R F S SU # Pg of PROJECT!#: SQ 4265-A OZ COPY Office Proj Mgr PROJECT!CLIENT: 9 9 01 INSPECTOR: 7 2 1 OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF
PROJECT/CLIENT: PROJECT PROJECT SQUECT SQUECT OFFICE CLIENT OFFICE CLIENT PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: PROJECT/CLIENT: SQUECT/CLIENT: PROJECT/CLIENT: 9ADOT Office Proj Mgr Client LOCATION: BA93 SPAN3 DESCRIPTION: FINIS COAT, 3COAT STOT ACROLON 218 PROJECTOR: T L T OFFICE CLIENT ATTACHMENTS DET SHEET NCR/CAR PROJECTION: FINIS COAT, 3COAT STOT ACROLON 218 PROJECTION: FINIS COAT STOT ACROLON 218 PROJECTION 2
DESCRIPTION: FINISH COAT SCAT STOT ACROLON 218 PEQUIREMENTS: DAT = 30-6.0 KH 85 MAX 5°AV. P CONTRACTOR: CORCON SPEC#: 408/1070 REVISION#:
DESCRIPTION: FINISH CONT. SCORT STOT ACROLON 218 REQUIREMENTS: DIFT = 30-6.0 KH85 Max, 5°AV, P CONTRACTOR: CORCON SPEC#: 408/1070 REVISION#:
DESCRIPTION: FINIST COAT, 3CART STOT ACROLON 218 DET SHEET NOR/CAR REQUIREMENTS: DET = 30-6.0 / KH 85 MAX, 5°AV, P CONTRACTOR: CORCON SPEC#: 408/1070 REVISION#:
CONTRACTOR: CORCON SPEC#: 408/1070 REVISION#:
SPEC#: 408/1070 REVISION#:
DESCRIPTION OF APPAR BY THE PROPERTY OF THE PR
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O. Actual English State of the Committee
1. WEATHER AND SITE CONDITIONS
2. PRE SURFACE PREPARATION/CONDITION & CHEANLINESS 3. SURFACE PREPARATION MONITORING A
POST SURFACE PREPARATION/CLEAN INFSS & PROFILE
APPLICATION MONITORINGWET FILM THICKNESS (WFT)
6. POST APPLICATION/APPLICATION DEFECTS
7. POST CURE/DRY FILM THICKNESS (DFT)
8. CORRECTIVE ACTIONS FOLLOW UP & FINAL INSPECTION APPROVED BY:
SURFACE CONDITIONS
AWDIERICONDITIONS
NEW MAINT PRIMER/PAINT AGE/DRY/CURE AREAS: STEEL GALVANIZE CONCRETE
HAZARD SAMPLE REPORT # 12 Now CS5
DEGREE OF CONTAMINATION: DRY BULB TEMP® C/F 53 ° 54 ° ° °
SST: CIug/cm²4ppm Fsppm _pHppm WET BULB TEMP° C/F 43 ° 47 ° ° °
DEGREE OF COMOSION: % RELATIVE HUMIDITY 4 % 60% % %
MELD MOISTURE OILS SHARP EDGES SURF TEMP® C/F MINIMAX 5 1 0 53 0 / 0 / 0
AMTED SURFACE CONDITION: SOLO DEW POINT TEMP® CF 30 9 40 0 0
RY TO/TOUCH_ Z NAMADLE 1 OW RECOAT 1 7 W WIND DIRECTION/SPEED WEST WAST
PHY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS WEATHER CONDITIONS C. C. C. C. C. C. C. C. C. C. C. C. C.
ACHASION FALLOUT
SUBFACE PREPARATION START TIME (A C FINISH TIME
ART TIME FINISH TIME AREA #2/m2 PRIMER INTERMEDIATE (TOPCOAT) TOUCH UP
OLVENT CLEAN HAND TOOL POWER TOOL GENERIC TYPE TOY COT MIXED 30
IDRASIVE BLAST ABBASIVE TYPE SAMPLE
TO COLOR TO
VATERIOL TRAP CHECK FOLLOWENT CONTRIBUTIONS
MATERIAL TEMP 65
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ACE/SSPC SPEC/VISUAL SPEC
PFILE CHECK: DISO TAPE GALICE (A) 240 COLOT QTYADDED
PECIFIED mils/um ACHIEVED mils/um (B) KOO 3/840 Fall % BY VOLUME %
URFACE EFFECT ON D.F.T. GAUGE/BMR/mils/µm (C) Specified WFT mils/m
REDUCER Acheived WFT mileute
MEASUREMENTS AIRLESS/CON BRUSH ROLLER PRIMER
PUMP/POT HOSE dia. AIR CHECK
RATIO/SIZE HOSE Lng. TRAP
GPM/CFM SPRAY GUN FILTER
D.E.T. GAUGE CALIBRATION PSI TIP SIZE ACCUATOR
SE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL
SCHARL CALLS. AVERAGE D.F.T. THIS D.F.T. LAST AVERAGE COAT COAT D.F.T.
10/15/10



Coating System Inspection Report

SW Accelson	TED B	Ridg.	= PALUT	3V57	Em 51	Wel.	10UC	uLi	FRANC	$\alpha = A \mu$	EN BRICKE
		GEN	RAL INFO	RMATIC	N	: /	<i>i</i>		Shee	t of	IR No. /20
Sheering	William	15	Contracto	or: <i>Co.</i>	2000	J			Inspe	ctor:	BUTTERINI
Client Contact: MA		c/301	Superviso			IK	<u> </u>		KTA.	Job No. 2/	60759
Project: Acceleral Shift: PAUNSU	EN BRIC	SE	Crew Sta	rt: 10,00	A) Stop:		?		Date:	10-10	0-06
i		7	Inspector	Start: 7	204_Sta	op: ∠	4:30 PI	N	Day:	M 019	
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Control Panel Placen			es ⊠ No	(SI	how location	on on o	drawing):		1.1	,21.	1 - TOSTICOST
(Show location on draw	ing):	۱۳.,	29 ÎXÎ 140	K	gging / Co ntainmen	ontair	nment [lf m d – record i	obile	tion	. /	
				/re	emoval tir	nes -	u – recoru n	IStalla	tion	NIK	4. 1
		L			now location				12	LRANG	1 INSTALLER
Stort time.	51.2				RASIVE			<u> </u>	- 4 . 4		
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blasters;				e feet b	last			T	otal Mani	nours	
bidottio.			l CI	eaned:	- I			(#	of men x	hours)	
Manufacturer /	Quar	4:4.	D-1-1		TING AP					7 L	
Product Name	Mix		Batch No.	N	umber of		plication		lication	Down	Reason for
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Inspector: Bill E	UT17	P 16.1	r"		11	Revie	wed By:			 -	
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	DATE: 10/16/06/10	WRFS SU #	Pg	of
DAILY COATING INSPECTION REPORT	PROJECT#: 524	- 0ffi	COPY	lent
DECLECTION FAT. Oc. 5	INSPECTOR: TL		j Mgr	
PROJECT/CLIENT: DA DOT LOCATION: SDANTIT RAYS I	5 11 1 Dx 00 mm #	or Gree	ATTACUKETA	TC
	C d 4 dar LOA		ATTACHMEN SHEET N	ICR/CAR
	MOURETHAN	16		
REQUIREMENTS: 6-9 WILLS, 50 ABOUT	SPEC#: SRECIA	. Deall progr	unius D	- 7
CONTRACTOR: COR COW DESCRIPTION OF AREAS & WORK PERFORMED	HOLD BOIL	T INCHESTIONS BEE	DENDMEN	770.
and the second s	The state of the s		il ouisich	Par 1948-1911
CONTRACTOR BEGAN	1. WEATHER AND SI	TE CONDITIONS REPARATION/CONDIT	/ //	JI INIEGO
PAMITUR BAYEZ, 4 + PAVT		RATION MONITORING		45114500-
DY S WITH FASTCLAND	4. POST SURFACE P	REPARATION/CLEAN	LINESS & PF	ROFILE N
TOP CONT OF PILOT ZEONT	5. APPLICATION MO	NITORING/WET FILM	THICKNESS	(WFT) N
SHETER		N/APPLICATION DEF		
		FILM THICKNESS (DF FIONS FOLLOW UP &		CTION
	APPROVED BY: _			
SURFACE CONDITIONS		MBIENT, CONDITIONS	[10] 中的 [10]	March 1978
NEW MAIND PRIMER/PAINT AGE/DRY/CURE	AREAS: 50A	The state of the s	12 M. J. 14 M. W.	Mary Comment
STEEL GALVANIZE CONCRETE	TIME ,		T	r
HAZARDSAMPLE REPORT #	DRY BULB TEMP® C/F	1020M 39		В
DEGREE OF CONTAMINATION:	WET BULB TEMP° C/F	47.52	0 0	0
TEST: CIpg/cm²/ppm Feppm pHppm	% RELATIVE HUMIDITY	- 1 0 0	% %	%
DEGREE OF CORROSION: SCALE PITTING/HOLES CREVICES SHARP EDGES	SURF TEMP° C/F MIN/N	1	/5 / 0	/ 0
WELD MOISTURE OILS	DEW POINT TEMP® C/F	100 3 / 67	0 0	,
PAINTED SURFACE CONDITION:				
DRY TO/TOUCH IN HANDLE 1:20 RECOAT 1. ZLV	WIND DIRECTION/SPE			<u> </u>
DRY/OVERSPRAY RUNS/SAGS PINHOLES HOLIDAYS ABRASION FALLOUT	WEATHER CONDITION		Aug No Zhao Ann	annamer is
			M - A A F	+ -2 - 2
SURFACE PREPARATION	START TIME 3; 15 F			DUCH UP
START TIME 10 FINISH TIME 2:40 AREA (GOOT #2/m2				LOWS.
SOLVENT CLEAN BLOW DOWN TOOL HP WASH PSI BLOW DOWN	GENERIC TYPE FAST		1 3 9	F74
ABRASIVE BLAST ABRASIVE TYPE SAMPLE	WATER S. CO.	MIXIBITIE		南
BLAST HOSE SIZE NOZZLE SIZE/PSI	PROD NAMEFAST CL	A-O MIX METH	od Howi	
AIR SUPPLY CFMAFPY SUPPLY CLEANLINESS	PROD # \$. 62 - 3 - 50			4
WATER/OIL TRAP CHECK EQUIPMENT CONDITION CHECK	COLOR BLUE SE			40
	KIT SIZE/COND 4/T	INDUCTIO	- i -	
SURFACE CLEANLINESS & PROFILE MEASUREMENT	SHELF LIFE 2.44			NVS
JOB SPEC NACE/SSPC-SP- \ \O	BATCH NUMBER	- /36.8.8		
NACE/SSPC SPEC/ VISUAL STDS N 17	(A) QX3435Q			
SPECIFIEDmils/pm ACHIEVEDmils/pm	(B) R0073724			%
SURFACE EFFECTION D.F.T. GAUGE/BMB/mils/pm	(C)	Specified V	VFT (G-Y	្ទីmilsμ/m
OUER PRIME	REDUCER	Acheived V	VET N/A	, milsµ/m
MEASUREMENTS	(AIRLESS/CONV	BRUSH RC	LLER	PRIMER
	PUMP/POT	HOSE dia.	AIR CHE	ECK
	RATIO/SIZES/4/1	HOSE Lng.	TRAP	L
	GPM/CFM	SPRAY GUN	FILTER	1
D.F.T. GAUGE CALIBRATION	PSI	TIP SIZE	AGITATO	OR
GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL CALIB. AVERAGE D.F.T.THIS D.F.T.LAST AVERAGE			1	
MODEL # VERIFIED D.F.T. COAT COAT D.F.T				

548

									DATE: [💍	12	OGM T	W(B)FS	su #			Ut	*
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				_					INSPECTO	<u>₹:</u> *	TL			QC Mgr Proj Mgr	Clie	π	
(E)	PROJECT	T/CLIE	NT:	1 25	TOI												
	LOCATIO			26	177	L B	79R	VII					SP	EC#: 🛂	58/1	<u>010</u>	_
	DESCRIP		115	TER	<u> </u>	WIA-		Co	V-1-				RE	VISION#			
				-00	<u>~~~</u>	DIJ.	>		ITEM:		3 4 3			ere i i			
	ITEM:	70	70		7 (C) (C)		<u>ariyan barr</u> C	<u> </u>		A	A	8	OT BE	ADINGS	3		
	LOGATIO				POT RE	,			LOCATION	R					%Min	Avg	
,		A	1	2	-3	· Total	%Min	Avg		Ā	_1_	2	3	Total	76171111		
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	FACE EX	E E	7,4	163	14.1	<u> </u>			Approx.	-	O. 1	1 (2)(6)		16	4.15		
	Approx. #²/m²		<u> </u>		SAM	<u> </u>			ft ² /m ²	-	-17- 4 P	79-15	-ile/um	Total Ave	<u></u>	mils/µm	
			_~~	T8-15	mils/μm		<u> </u>	mils/µm		, ·		Car Calent	misipin		application	<u></u>	
	Reference								Reference I	nspe	Ction He	port #	200 S 4 5		A	81.05.741 81.05.741	
	ITEM:	9	ON	0 - 0	000	-0			ITEM:		的原物等	891. VII				7.1-2.4-7.1-1M	
	Í	. A		8	POT RE	EADING	S		LOCATION	A B E A		S	POT RE	ADING	5		
	LOCATION	=	1	2	3	Total	%Min	Avg		E	1	2	3	Total	%Min	Avg	
	RIGHT	· A		73	├	- Andrews	TE MORE	Chronical		Α	13.1	15.5	- Andrews	5>2		10,44	
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	ACIA IN	- C	14 1	15.0	8.0	1 CONTESTED	THE THE PARTY NAMED IN	S A THE SECTION AS		C	75	79	Square service	52,5		10.5	
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	it ² /m ²	Spi	ecified Di	FT 8 . 15	mils/µm	Total Av	g.	mils/µm	ļ	Spa	ecified D	FT8-13	mils/µm	Total Av	g.	mils/µm	
	Reference						application	on record	Reference	Inspe	ection Re	port#		for	applicatio		l
	ITEM:				202	-02	- 1300-in 1		HEM:	(2 b	400	1	6A	13	SPAN	3
	<u> </u>	I A			SPOT R					A			SPOT R	EADING	SS		
	LOCATIO FBTE	N E A	2.2				%Min	Avg	LOCATION	E	1018	1/3<	1 3	Total	%Min	Avg	
WEB			718	1123	1533	Total	7ajviin	Avg	 	1 <u>A</u>	1	1	<u> </u>	+		A	Ī
	BT INT	ea.A	12.6	13.1	129				~	Α	11.0	13,3	<u>' </u>	- 2600	Net Spicare	 	
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By Porticial	CHECK	3/21 -	1016	<u> / </u>	1 Comments	1	†	1		lc	90	83	1		1.		
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BOKEN FL	PENE	250 D	23	9.1	132					Į₽	Ja	9.4		 		 	1
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00(1)	Approx.	+ + -	1130	1	110-10	<u></u>	 	 	Арргох.		_,,_ , ,_		-	T			
	it ² /m ²	-	<u> </u>	<u>60</u> F21k	milelun	Total A	VO.	mils/µn	tt²/m²	St	ecified i	OFT	mils/µr	n Total A	vg.	mils/µm	:
11-21 mils	D 1				12.5	fo	r applicat					leport #	12 2 19	2E-1210	orlinet	on record	
	Referenc				. in 16 a m			33-3-5	ســـ		7		, e. 189		1. C) [) Hard	, , , , , , , , , , , , , , , , , , ,
				UGE CA	1	l oneo	D.F.T	D.F.T	1		2701			10	1141	06	10/12/06
	TYPE	GAUGE SERIAL	SHIM	SMR	ADJUS"	AVERAG	E THIS	LAST COAT		_4	9 111	1000		ر <u>يا و</u> رس	For	PUTIA	J
	MODEL	#	mils/µn	-	+	COAT	COAT	COAL	\dashv $$ I	L	UAS	AIGNATUR		YE .	DATE	9 41 (50	1
									1								<u>.</u>
Do	sties.	Pres"	4a.						π	1	ا مراز (ATW	1				
, ,	600	0	-					,									
	F-1																

FLOOR BEAN #4 NEED REPAINTED



SEW ACCELERA	ITED BRIDGE	ESYSTEN	n stu	04 C	on C	ACL FOI	ZN 1A		.w. B	
	GENE	RAL INFORM	MATION	1,245	J. B. K.		1 1	Sheet	f of 1	IR No.: 14
Client: SHERWIN	WILLIAMS	Contractor:	: COR	CON	}			Inspe	ctor: C. 3	STUART
Client Contact: MA	ek hudson	Supervisor	/Foreman	i Mik	VE I	MAILU:	5	KTA .	lob No. Z	60759
Project: ACCELERA	TED BRIDGE	Crew Start:	7:00	Stop: -				Date:	OCT 23	. 06
Shift: PAINTING	STUDIY	Inspector S	Start: / / : C	O Stor	D: 2 .	<i>00</i>		Day:	Guam	
Work activities perfor	rmed today:	TRACT DR					o Pro	DUCTI		÷
Span (Show location on draw		1.	Bay						^	
Control Panel Placen	nent 🔲 🌾	s/d No		location		awing): nent [If mo	bile	+-	1)	1
(Show location on draw	ing):	J	contai	inment	used -	- record in		on	$1 \cup 1$	1
				oval tim location		awina)]:			-	
	Kilanaki bera	CARCAL SOL		SIVE B			AN BA	784% (7.1	Section 1	
Start time:		Stor	p time:				R	ework t	ime:	
Number of	NA		feet blas	t				tal Mani		,
blasters:	and the Commence of the State of the Commence	clea	aned:				(# of	men x	hours)	
Manufacturer /	Quantity	D-4-la	COATIN				<u> </u>	<u> </u>		
Product Name	Mixed	Batch No.	Num			olication ort Time		cation Time	Down time	Reason for downtime
71	(Gallons)		Applic	•			0	tuno.		MOWITAIN C
	1		T							
Recoat Times	Coat 1:	7	90at 2:	:			Coata			
	DRY FILM THICK	NESS	1/		1000		T	RAFFIC	CONTROL	
	Minimum/	Maximum	Avera	age	_			Start	Stop	MPT Time
	 	<u></u>	#		<u> </u>				7 1-	
Coat 1						d Closure				
Coat 2		$\bigcup_{\underline{}}$	/ /		Com	ments:				
Coat 3	\top				Í					
			STAFFIN	NG/EQ	UIPN	IENT				
No. of Workers	7			Hou		Total He	ours	**************************************	Locat	ion and
or Equipment	Type of	Equipmen	ıt	Use	ed l	Used	d		Description	on of Work
<u> </u>									•	
Comments: NO	PRODUCTION	N PERI	FORM	ED "	TOD	AY.	MET	wit	HTIN	MACHIN-
KTH & WALKED	DOWNTHE	120 JECT	WITH	TON	ハナリ	RNGY.	. 71	MA.	ND エフ	TRAVELED
TO THE KTA	OFFICE & P	EVIENCE	D YES	JECT	T R	EQUIR	EME N	JT5 8	TIM	PROVIDED
MEWITH A	PROPRIATE	= PROJEC	306 ==	come	EVT.	S FOR	R. RE	VI EU) e	-
	CLES, ST	UART		F	Revie	wed By:				
Signature: Charle	is Strout	Date:		(Signa		_			Date:
Distribution:	Client		Conf	tractor			KTA PI	Л		Other

Note: This inspection report represents information gathered by the K	TA inspector. It provides a record of measurements	and/or observations believed to be
accurate. This inspection report shall not be repro-	luced, except in full, without the written approval of	KTA Tator. Inc.
KTA Coating System Inspection Report 2006		S-W Project
		, = ,, = , = ,



S&W ACCELERA	TED BRIDGE	SYSTEM	STUDY O	NO	ALI FORM	IIA I	AUE.	W. BR	106E
	GENE	RAL INFORM	IATION				Sheet	, of /	IR No.: 15
Client: SHERWIN	WILLIAMS	Contractor:	CORC	02					STUART
Client Contact: mAR	KHURSON	Supervisor/I	Foreman: M	11/5	MAIL	ひら	KTA J	ob No. 2	60759
Project: ACCELERA	ATED BRIDGE	Crew Start:	Stop:	~~~			Date:	OCT Z	4 06
Shift: PAINTING	STUDY	Inspector St	tart: 8100 Sto	p: 9:	00		Day:	TUESI	
Work activities perfor	mad tadam		CK 700		<u> </u>		1		-11.1
Span			Bay						
(Show location on drawii		s 🗆 No	(Show location Rigging / C			hile	+ -		
Show location on drawing		о Ш.:-	containmer	nt used -			n		
			/ removal til		~~				
		en en en en en en en en en en en en en e						. Wigner	
Start time:		Y	time:			R	ework t	ime:	
Number of blasters:			feet blast med:			Tot	al Mani men x	nours	
order Text		1 (1.15)	COATING AF	PLICA	TION		V. 11		
Manufacturer /	Quantity	Batch	Number		olication		cation	Down	Reason for
Product Name	Mixed (Gallons)	No.	Of		ırt Time	Start	Time	time	downtime
	(Ganons)	$\overline{}$	Applicators	+					
Recoat Times	Coat 1:	- ackslash	Coat 2:	$\frac{1}{\Lambda}$		Coat 3):		
	DRY FILM THICK	NESS	N /	H	Tar Tar I	Т	RAFFIC	CONTROL	. The state of the
	Minimum	Maximum	Average	1		5	Start	Stop	MPT Time
Coat 1		-		Roa	d Closure				
Coat 2				Com	ments:	$\forall -$			
Coat 3				1					
			STAFFING/E	QUIPN	IENT			<u> </u>	
No. of Workers				urs	Total H	ours	•	Locat	ion and
or Equipment	Type of	Equipment	t Us	ed	Use	d		Descripth	on of Work
					·				
				_					
Comments: Cow	: RACTOR TO	START	FULL F	2100 C	DUCTION) TO	2 1004	253 W .	
-						· · · · · · · · · · · · · · · · · · ·			
									
· · · · · · · · · · · · · · · · · · ·									
	STYART	D. (0.==	touter		wed By:				
Signature:	ial	Date: OCT	1/	Signa					Date:
Distribution:	Client		☐ Contracto	r		KTA PN	Л		Other

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Note: This inspection report represents information gathered by the K	TA inspector. It provides a record of measurements	and/or observations believed to be
r	2222 Mappediar. It provides a record of measurements	and of observations believed to be
accurate. This inspection report shall not be repro-	duced, except in full, without the written approval of	KTA Tator, Inc.
KTA Coating System Inspection Report 2006	©Copyright KTA-TATOR, INC. 2006	S-W Project
axiix coming by stem thispection report 2000		I D" W I I U ICCL .



SEW ACCEPTO	ATED B	R1D61	E SYSTEN	M 5	MON	/-(3ALIFOR	INVA	AUG.	BR1066	5
	SYSTE	GENE	RAL INFORM	IATION	- 25°			1 11	Sheet	1 of	IR No.: /6
Client: SHERWIN I	WILLIAM	nS_	Contractor:	COR	CON)				ctor: 🕝 🔇	STUART
Client Contact: MAI	RK HUD!	SON	Supervisor/F	Foremar	n: 1/1/1	VF.	MAILL) <u>S</u>	KTA J	ob No. 26	60259
Project: AUFORWI			Crew Start:	7:00 AM	Stop:	THU	o PM		Date:	10/25-1	0/26/06
Shift; DAY / 1/	IGHT		Inspector St	tart: ソント	二和图to	p: 📆	1URS 1110	orm	Day: .		De A A THOUGH DAVE
Work activities perfor	rmed toda	y: SET	WOF PRIMI	WMEN ECOM	- - -	Z4 P11	D DEPLO	4mEn	11 3757	EM; SO	PEACE PREPARATON
Span			Z	Bay	6,7,8	3,9(1	FULLBAYS)	10,11,1	2/	EE DUG	I INCLUDES .
(Show location on draw Control Panel Placen	ng): nent	1	es ANo				rawing): to		BAY)	2 40 10	SPAN BAY 5
(Show location on draw		-		conta	ainment	t used	record ir		ion Colv	JOHNENT.	ED RIGGING REMOVED @
					noval tin w locatio		aminu/].		6.1	DO PM THE	urs,
		[144:4]			ASIVE E			1001	Agogalis y		
Start time:	w 8D@ 3	30 PM	Stop	time:		445	544025		Rework ti	me:	2 HRS
Number of	4102114		Square f		st	280		To	otal Manh	ours	
blasters:	REDUCEDT	02	clea	ned:				(# c	of men x	nours)	45
Manufacturer /	T Oue	HE.	\$70.560 et 3.45	7	NG AP			14121990	3 (17 - 17 - 1	373, 73	
Product Name	Quan		Batch No.		nber of		plication art Time		ication t Time	Down time	Reason for downtime
	(Galle	ons)			cators	******	THURS	Sto	PTHUES	unie	·
CORDULANE 1 ZINC	18)	A: 0x2616 F B: R1236		2		1:20 Am		30 Pm	7 1/2 HES	COAT WOULD NOT
Recoat Times	Coat 1		V. 1	Coat 2	2:		,,,,	Coat			PROPERLY ATOMIZE AT TIP OF GUN
	DRY FILM	THIC	KNESS	r www			ra <u>niji ris</u> r	4, 85.	TRAFFIC	CONTROL	
	Minim	um	Maximum	Ave	rage				Start	Stop	MPT Time
Coat 1	1.5		15,9	7.0	6	Roa	d Closure		7:19'''	THURS 6180PM	31 485
Coat 2	AlaTE	Most	STIFFGIERS			Con	nments:	ල	NTRACTO		THROUGH RESTRICES
Coat 3	100111	ONF	ANGES & WE	RE REI	Carro	1		TI	IME 6:0	OAM - 9:01	oAm.
All the state of t	1.000			STAFF	ING/E	JUIPI	VENT				
No. of Workers					Hou		Total H	ours		Locat	ion and
or Equipment	т	уре о	f Equipment	t l	Us	ed	Use				on of Work
l Se	ESHE	ET N	10.8								
	IR RE	7505	16								
Comments: Tus (wspecto	R ART	SUED ONS	ITE A	T 8:0	DO AM	& MET	<u></u> ωιτι	Tom T	JRN54.	CARCOW IS
RIGGING & SETT	INCUP!	CONT	AWMENT	AT SE	PAN 2	B 47	15 6.7.	8.9.	10:11.A	ND 17 (SITE DWG-)
CONTAIN MENT ST	ART @	130 A	+m - LANE	Ccoso	25 (50	0 UT 4	(BOUND)	2455in	IG LAWE	WAS A	T 9:19. WHEN
THE BAPID DEP	ROYMEN	IT UE	HICKES (2	2) AI	ND V	IACU	UM TRE	JCK C	2585 P	LACED II	N POSITION.
2:20 MDE JUC.	ENGIN	CER	ISABELO 1	LOLET	n A	PPP.	WED Co	DUTA	14/1ma =6	TT .	
3:30 PM BLAST C	CLOANIN	G-Can	MMENCED	WITH	4 4 1	NO.7	LONGA	IECK,	Nozze	ELS L AN	I AIR CLEANENESS
TEST WAS PERF	bemed	ATT	HE COMPR	2550f	- ANT	D FO	OND F) CCEP	TABLE		
Inspector: じょら	TUART			,			ewed By:				· · · · · · · · · · · · · · · · · · ·
Signature:	busit	•	Date: 10/26	6/06		Signa	ature:				Date:
Distribution:	ĬŻĊ	lient		Cor	ntracto	r		KTA P	M	ПП	Other

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accurate. This inspection report shall not be reprodu	uced, except in full, without the written approval of	KTA Tator, Inc.
KTA Coating System Inspection Report 2006	©Copyright KTA-TATOR, INC. 2006	S-W Project

SEW ACCECERATED SYSTEM STUDY-CALIFORNIA AVE. BRIDGE

Date: 10/25/06 Sheet 2 of Project: Name: C. STUART Complete items below when required by scope of services STAFFING/FOURMENT (List separately: Subcontractors, Change Orders, T&M, and Protest Work) No. of Workers Hours **Total Hours** Location and or Equipment Trade or Type of Equipment Used Used **Description of Work** SEE SHEET COMMENTS 4:30 PM BLAST OPERATIONS DOWN DUE TO TAMMED AUGER ON RAPID DEPLOYMENT VEHICLE - DOWNTIME = 1.5 HRS X 4 MEN (6 M/4RS). TOM TOURNEY (INTEREST FOR PENDOT) AND I EXAMINED THE BLASTCLEAVED SURFACES TO DETERMINE IF IN FACT AN SP-10 CLEANLINESS WAS BEING ACHIEVED BY ALL MEN BLASTING. TWO MEN WERE LEAVING DEFICIENCS THROWN OUT THEIR WORL AREAS. I INFORMED COROON SUPERVISOR DAVE HATHERHILL. 5:00 PM TOM TOURNEY FOUND THAT CONTRACTOR PLACED THE COROTHANE ! PRIMER IN A HOT AREA INSIDE THE COMPRESSOR, ADJACENTTO THE HEAT EXCHANGER, MATERIAL CONTAINERS WERE 138-140°F THE MATERIAL WAS REMOVED AND COOLED TO AMBIENT TEMP. 6:00PM DEPARTED JUBSITE & PETURNED AT 9:00PM 8:25 PM TOM TOBENEY CALLED TOM CALAHAN/SOW TO ASK THAT CORCON BE ALLOWED TO APPLY HEAVIER WET FILM OF PRIMER TO MIDIGATE REWORK, THE SPECIFICATION REQUIRES 3-5 DFT. MR. CALLAHAN ALLOWED UP TO 6-7 MILS DET WITH AN OCCASSIONAL 8 MILDET. THIS PER TOM TOURNEY. OPERATIONS WERE MONITORED UNTIL 12:00 AM THEN DEPARTED SITE TOM TOURNEY REMAINED. RETURNED TO SITE AS REQUESTED BY TOM TOURNEY, TOM HAD MARKED AREAS FOR REBLAST. 3:30 Am AREAS FOR REBLAST.

4:45 AM TOM TOURNEY & I EXAMINED THE BLAST CLEANING IN BAYS 6,7,8,9,10,11,12.

TOM TOURNEY & I EXAMINED THE BLAST CLEANLINESS. I DISCUSSED A FEW AREAS THAT TOM ACCEPTED THE BLAST CLEANLINESS. I DISCUSSED A FEW AREAS THAT WERE MARGINAL DUE TO DENSER SHADOWING, HOWEVER NO RUST WAS PRESENT. TOM DECIDED TO PROCEED WITH PRIME CUAT.

4:20 AM I KITOF SEW CORTHANDE! ZINC PRIMER WAS MIXED & THIMMED 3202 WITH NO.15 REDUCE, 1202 OF ACCEPTATOR WAS A DDED.

NOTE! THE KIT OF PRIMER WAS THICK WHEN OPENED AND THETMINNED ATTHE ECONS. THE 56:11 AIRLESS SPRAY PUMP COULD NOT ADECUATELY ATTHE ECONS. THE 56:11 AIRLESS SPRAY PUMP COULD NOT ADECUATELY PUMP THE MATERIAL.

Note: This inspection report represents information gathered by the KTA inspe	ector. It provides a record of measurements and/or	observations believed to be
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SEW ACCELERATED BRIDGE SYSTEM STUDY-CALIFORNIA AVO. BRIDGE

Project:	Name: C. STUART	Date: 10/25-10-26	Sheet 3 of	IR No.:16
	Complete items below when	required by scope	of services	
(List	STAFFING/EQ separately: Subcontractors, Chanc		l Protest Work)	

No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Location and Description of Work
		1		
	<i>\\</i>			
	(SEE SHEET B)			
	(SEE SHEET B)			

THE FIRST 3 GALKIT WAS DISCARDED - & ADDITIONAL KITS WERE MIXED AND ATTEMPTED TO SPRAY. HOWEVER, THE RESULTS WERE IDENTICAL TO THE FIRST KIT. SEW TECHNICAL SERVICES REP. TOM CALLANAN WAS ON SITE TO OFFER ASSISTANCE, NO ACCELERATOR WAS ADDED TO THE 5 ADDITIONAL KITS. THINWING WAS 8% BY WAL. (32°2) NO. 15 REDUCER.

THE SPRAY OPERATION WAS DOWN FROM 4:20 AM TO 9:40 AM THURSDAY.

THE STRAY OPERATION WAS DOWN THOM 4.20 THE THE PRINCIPLE AND PARTS

9:00 AM THORSDAY SHEEWIN WILLIAM'S DELIVERED & KITS OF NEW MATERIAL - LOT # OX ZGIGE

B: R1536, THE NEW MATERIAL WAS OPENED AND COMPARED TO A KIT OF THE OLDER MATERIAL, LOT # OX 1356A. THE NEW MATERIAL WAS SIGNIFICANTLY THINNER, SMUTHER, AND MIXED EASH. THE OLDER MATERIAL WAS HEAVY LIKE THE CONSISTANCY OF WET CLAY. SHEEWIN WILLIAM'S OFFERED A SPRAY TECH FROM THEIR SHOP TO ASSIST IN GESTING THE PUMPS & GUNS OPERATING PROPERLY. THE TECH HAD NEW HOSES & GUN AND PARTS TO PROVIDE AS NEEDED, HE ALSO DISASSEMBED THE LOWER END OF THE GRACOPUMP AND TOOK IT TO THE SHOP TO REBUILD IT.

CORCON CONTINUED APPLICATION OF COROTHANE 1 ZINC FROM N 9:10 TO 11:15 WHEN THE ZNO AIRLESS PUMP WENT DOWN. AT 11:15

1:45 PM SEW TECH RETURNED WITH THE REBUILT LOWER SECTION OF THE GRACO 56:1 PUMP 2:15 PM GRACO PUMP RUNNING - SPRAY OPERATIONS CONTINUED

3:00 PM SPRAY O PERATION OF PRIMECOAT STOPPED. THERE IS NOT END US WITH MATERIAL
TO FINISH. SPRAYERS APPLIED A MIST COAT TO THE BARE SUBSTRATE TO
MIDIGATE FLASH RUSTING, HOWEVER, THE STEEL IN PLACES WAS TURNING.

NOTE: THE BLAST CLEANED STEEL WAS ORIGINALLY ACCEPTED AT 4:45 AMMINICH OF THE BARE SUBSTRATE WAS EXPOSED ATTUCH EARLIER. SOME STEEL HAS BEEN OF THE BARE SUBSTRATE WAS EXPOSED ATTUCH EARLIER. SOME STEEL HAS BEEN EXPOSED FOR GREDTER THAN 12 HRS. CONSIDERABLE DARKENING OF THE STEEL WAS OBSERVED & I A SKED TOM TURNEY & S&W REPS TOM CALBONANA AND MARK HUDSON TO LOBK AT THE SUBSTRATE. THEYAGREED THAT LIREASWERE DARKENING BUT NO VISABLE RUST WAS OBSERVED. PRIMECOAT CONTINUED WITH MIST COATING. ALL BUT N. 400 SRFT WAS COVERED. CONTAINMENT REMOVED.

AT 6:00 PM

Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements and/or observations believed to be accurate. This inspection report shall not be reproduced, except in full, without the written approval of KTA Tator, Inc.

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T3060-E

TEST PLATES:



DATE PRIMERED : 11-8-06 @ 3:32Am

Specified DFT's = 3 To Brills = 20 To Allowance = 2.4 To 9.6 miles

Ave. DFT's= 4.7 mls

FORM 5

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TEST PLATES: PRIMER COAT.

FORM 5

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PLATE #8

DATE TOP CORT Applied: 11-8-06 @ 8140 Am Specified DFT's = 9=18 mile +20% Allowance = 7.2-21.6 mils

TEST PLATES:

POP CONTO

AVE. DFT'S = 12.6mls FORMS

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XIX		DATE: 11/16/06 M T W/ F) F S SU # Pg of	1
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	PROJECT/CLIENT: PENDOT	Proj Mgr	
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TEST PLATES:

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pprox.	1			' 				Approx.		<u>.</u>		1 1 2			
aut-	Spe	offied DF	T	mils/µm	Total Avg	<u>'</u> }.	mils/µm	ñ²/m²	Spe	cified DF	T	·····	Total Av		mils/µm
eterence I	nspec	tion Rep		•		<u> </u>		Reference In				.,		applicatio	
Marie V				IBRATIO	N RECO								1011	-pnouto.	
AUGE GA	UGE RIAL	PLATE/		ADJUST	SPEC.	D,F,T	D.F.T		_				$\overline{}$		
	RIAL I	SHIM mils/pm	BMR	÷/-	AVERAGE COAT	THIS COAT	LAST		7	4		\leq		1-16-1	16
						INSRECTOR'S SIGNATURE DATE							150		

SEW ACCELERAT	TED, BRIDGE STUDY - 1	CALIFORNIA AVE	BRIDGE.	
Project:	Name: C. STUART		Sheet 4 of	IR No.: 16

lo. of Workers	(List separately: Subcontractors, (Hours	Total Hours	Location and
or Equipment	Trade or Type of Equipment	Used	Used	Description of Work
	SEE S A	EET		· · · · · · · · · · · · · · · · · · ·
	(SEE SHE	3 0)		
	(0000,000), OJ		· · · · · · · · · · · · · · · · · · ·
 1 to 1 to 10 to 1				
DO PM TH TO COVE THURSIDA	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO V CONTAINM	INVERTON SITE SENT N 5.'00 PMON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	WHERE ON SITE SWIN NOW
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	JRNER ON SITE ENT N 5.'00 PM ON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	WHER ON SITE SATE ON SITE
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	THE MER ON SITE ENT N 5!00 PMON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	URNER ON SITE ENT N 5.'00 PM ON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	WHER ON SITE SWT N 5.'00 PM ON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	THE STEEL ON SITE SWIT N 5.'00 PM ON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	THE SECTION OF THE SENT N 5.00 PM ON
TO COVE	is inspectur Departed r operation. Corcon To	712 SOF	E- TOM TO	IRWER ON SITE ENT N 5.'00 PM ON

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Daily Painting Inspection Report

GENERAL INFORMATION Sheet of IR No.: /6													
Client: SHERWIN WICCIAM	15	1	ractor:	_	02CC		-				. ST		
Client Contact: MARK HUD	لدەي	Supe	ervisor/	Forema	an: M	KE.	MAIL	ول.	KTA	Job No	260	759,	
Project: ACCELERATED BRIDE		Crev	v Start:	7:304	M WED	Stop	o: 6:0	OPM TH	Date		~	0/26/06	
Shift: D C		Inen	actor S	tart. O	A PARK		Ston:	11 ASPM	مجا M	T (W) (TH) F, S	S
Work activities performed today AND BAYS 10,//, /2	SUR	FACER	SEPAS)	ATION	& PR	mE	COAT	APPLICE	ו אשדף	V BA	15 6,7	, 8,9 (FVC)	BA4S)
	<u></u>		7,,	AMB	IENT C	ONDI	TIONS	•					4.
Location	ation Time DB WB RH DP ST +/- Wind Direction Weather F° F° % F° F° & Speed Conditions									Operations Performed			
ON RAMP WED.	1.20	43	52	49	32	47		50	65	CLO	HR.	BLAST C	LEANING
	1:29	49	42	56	33	44		Sω	<u>@5</u>	1.1		- 1	
	1:45	.43	52	49	32	47		50	s Ø 5	,,			
	0:25	43	48	67	37	49		50	PS-10	CLOU	79	Ĺ t	
CONTRINIBENT 4	1:20A**	M4	48	72	47	40		SW	@10	CLOUR)7	G	
<u> </u>		<u></u>		SURF	ACE P	REPAR	ATION	i .					
Item(s) Prepared or Item No. (Sketch location on T3060-e)					6,7,8	9,10,	51,11						
Operations Reviewed or Test	s Perfo	rmed		Sat	Uns	at	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared				V	566	Com	MEVIS						
Condition of edges, weld spatte	er, fins,	slivers,	etc.	ン	7		_						
Grease, oil, contaminant remov	/al		-										
No visible moisture				~									
Protective coverings in place		* ***											
Dust and abrasive removal				レ	Sec	Com	MENT	2					
Clean and dry abrasive					1								
Other:					T						<u>.</u>		
Compressed Air Cleanliness	Loca	ation /	Гime	Comi	72C5501	3/2	o PM						
	Res	ults		0	14								
Degree of Cleanliness	Spe	cified		5(2-10								
	Actu	ai		8	P-10								
Surface Profile	Spe	cified		1,	5-3.9	5							
(affix testex tape to report)	Actu	al		-	4.5								
Soluble Salt Contamination	Spe	cified		,	116	Γ		,					
☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other:		al (μg/c		7		7							
Method of Surface Preparation	1											WJ □ Oth	
& Equipment	Brief	y descr	ibe equ	ipment:	670							#760N	6-
Abrasive Media Manufacturer: Type REED - BLACK BEANTY Base Metal Reading (BMR) Record in mils 0.75													
Size 1246 Nozzle Air or Water Pressure Record in psi NA													
Inspector: (STUA?	75				4	Re	viewed	Ву:					
Signature: Date: /0/26/06 Signature: Date:													
Distribution: Clie	nt			Con	tractor			KTA F	M		Othe	r 	

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accurate. This inspection report shall not be rep	roduced, except in full, without the written approval of KTA Tator, Inc.	
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Daily Painting Inspection Report

	GENE	RAL II	VFORM	MATIO	<u>v</u> .				She	et	- 1	R No.: /6	,
Client: らまい		Conf	ractor:	C	oosi	V			Ins	ector:	7. STU	ART	
Client Contact: MARK HUD	SOU	Supe	ervisor/		an: M		MAI	LUS	KT/	A dob N	· 260	159	
Project: A CELERATED BZI			v Start:			Stop			Dat	e: /0/	25 8 /	2/26/06	,
Shift: STUDY (PAIN		Insp	ector S	tart:		5	Stop:	· · ·	М	Т (W) (TH) F 3	SS
Work activities performed toda													
	-			AME	SENT C	ONDIT	IONS	٠.	***************************************				
Location	Time	DB	WB	RH	DP	ST	+/-		Direction		eather	Opera	
THURS MORNING	···· Am	F°	F°	%	F°	F°	ļ		Speed		nditions	Perfor	
CONTAINMENT 4	420 Am	44	48	72	47	40			@ 5-1		LOUDY	PRIME	DAI
ON RAMP (6: 20'A'#		38	63	3/	40			@ 5-/c		· /	L 1.	
CONTAINMENT (3:4094	43		70	34	47	-		6 2-10		.1		-
ON RAM?	0:40 ^{AH}	49	42	54	33	48		Swe	D 5-11	-	<u> </u>		
		٠.	<u> </u>	CHDE	ACE P	EDAE	ATION	ļ				<u> </u>	
Item(s) Prepared or Item No.											Τ		
(Sketch location on T3060-e)					E SH				1	T 81/8		Unsat	N/A
Operations Reviewed or Tes	ts Perio	rmed		Sat	Uns	at	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared				Ĺ								-	
Condition of edges, weld spatte		slivers	etc.							ļ			
Grease, oil, contaminant remo-	Wal			<u> </u>		_ _							
No visible moisture										<u> </u>	<u> </u>		
Protective coverings in place						_1_				ļ	ļ		
Dust and abrasive removal					$\Delta \Lambda$	_/_				ļ	_	ļ	
Clean and dry abrasive					16	<u> </u>				<u> </u>			
Other:				<u></u>	`	\searrow				<u> </u>		<u> </u>	
Compressed Air Cleanliness		tion /	Time										
	Resi	ults				_ †							
Degree of Cleanliness		cified					`						
	Actu												
Surface Profile (affix testex tape to report)	Spec	cified									<u> </u>		
(allix testex tape to report)	Actu	al					,						
Soluble Salt Contamination	Spec	cified											
☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other:		al (µg/d					•						
Method of Surface Preparation	Method of Surface Preparation ☐ Abrasive Blasting ☐ Hand to								LPWC (HPW	C UHP	WJ □ Oth	er:
& Equipment Briefly describe equipment:													
Abrasive Media Manufacturer: Type Base Metal Reading (BMR) Rec									ord in mil	s			
Size Nozzle Air or Water Pressure Record in psi													
Inspector: (. STU	MRT					Re	viewed	Ву:					
Signature: C Stuat	-,	Dat	e: 70	26/	06	Sig	nature	:				Date:	
Signature: C Study Date: 70/26/06 Distribution: Client Contracto													

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accurate. This inspection report shall not be reproduced, exc	ept in full, without the written approval of KTA T	Tator, Inc.
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Proje	ect: BRIDGE MIN	YOUNG I	Name: C. S	TVAR	7		Date:	0/25-1	06	25 / 27				
						ING MA	TERIA	0 <i>/25~/</i> 1 S	020 3	Sheet 🎸 o	f	IRN	o.: /	6
Mix No.	Manufacturer		Quantity		******	onent A			Compon	ont D				
	Name	ANE.	Mixed	Bat	ch No.		If Life		h No.	Shelf Life	Ra	tch N	poner	nt C Shelf Li
1-6	KARLUPAL ZIAI	- VO FO	186AL	OXIE	56A	AC	۷ ا	_						Shell Li
	NOTE: W	1×1-6 V	UAS THICK	4 NO C	440	NATRE	22.130	N. V.	70.m.2	7,00		1	-+	
	He	AUY FIU	BRINEOFT	HE 521	PAS PAS	TERVO	AUSE	UNEUC	N DIST	EIBUTION O	n eur	rearc	,	
7-12	NOTE: m HO ALUCO ROTHA GALUPAC Z/N NEW M	NUE I	/R KAI	MYZ	AIGU	4 UISEA	2	AND	ANE	BATCH	SHIPP	SD'IN	<i>y.</i>	
	NEWA	W 750 .	1 1100	UXZ	101	770	<u> </u>	K15.	36	ACC				
		H (EE/M	L WAS LESS	VISEU			1.0	ered	AT T	IEGUN.				
Mix	Thin	ner	% Thinn	er Addeo		XING D								
No.	Type or Name		h Specified			Mixed Coating	Tim		duction	Pot		Mix V		sed
		No.	27K15		Te	emperature	Mi	ł	Time (SP)	Life (SP)	Yes	No	Sat	Unsat
1-6	NO 15 REDUCE	I Ex me	10%	8%	خ	57	4:1	5 ^A " (1	114	NA	V			
7-12			te			54	9:/	- , .			 	 		
	NO THIN	INCE AD	AN OT CIBCH	7-12		7	-	/	VA	NA	10			1
		02.75	100.5 10 /	1-10	`		₩ 3:00	Dal -						
		+					THAR							
				1			1585	Comme	wrs)	1				
				CC	ATIN	G APPL	ICATI	9N						
Item F	repared or Ite	m No.(Not	e location on T30	60-е)	SPAN	2 BA45 (9,8,7 ره	Л			l			
Coatin	g being applied	(primer, r	mid, top, touch	-up)		MER					 			
Mix Nu						- / 2		- NO	e no	<u>डास्टि</u>	TING	- OB S	SEPUL	<u> </u>
ZAS []	f Application E CS □HVLP □ P	quipment	D D-11 D D11		AS						 			
Time fro	m surface prepara	etion to coat	ing application	er	HS	>		-						
	f Application (S				21:11	5 AM TH		+_						
Compr	essed Air	Location	/ Time		7.7	5 " THO	<i>R</i> 5	13:	30 PM T	HURS (SE	iE Cor	ทพธ	UTS)	
Cleanli	ness	Results												
Caulk o	or sealant	Type:			-14	1,4		1						
require			7		\perp	/ V \								
☐ Yes	□ No	Location	(s):					1						
	ions Reviewed	l			Sat	Unsat	N/A	Sat	Unsa	at N/A	Sat	16	nsat	N/A
Pot Agi						1	 -	†—	+	-				
	ve Coverings ir							+	+	_{				
	iding Air Cleanl	iness						+-	+			+-		
	t Cleanliness						<u> </u>	┼	+					
	Times Observe	d			/			 -	+	-				
	oat applied							├				-		
/isual A	ppearance (rur	ns, drips, s	sags, etc.)			<u> </u>		 	-			<u> </u>		
		WETF	ILM THICKN	ESS N	TEΔS	IREME	ir on	I RAKAA-	1507 750		Andrie Salados			
	Specified			F	DEFE	BY CON	TPATE	ayirviAt A	ur (II a)	opucable				
ange (,,,,-04	1-1 (0)								
	(actual)	()						 	·					
verage	on the informa within the rang	tion abov	e:		Sat	Unsat	N/A	Sat	Unsa	it N/A	Sat	Ur	sat	N/A
30	are rang	~ abacille	<u>u</u>			7		I	T			-+-		

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S&W ACCELSPATE	ED BRIDGE SYSTEM	STUDY ON CALIFORN	IA AVE. W.	BRIDGE
Project:	Name: C. STURET	Date: 10/25/06	Sheet 🔏 of	IR No

Project:	Name: C. STUART	Date	10/25/06 St	neet 🔏 of	IR No.: 16
	Complete items below v	hen requi	red by scope of	services	
	STAFFIN (List separately: Subcontractors, (G/EQUIPM Change Ord	Trightpand de rest : trights : :	otest Work)	
No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used		ation and tion of Work
4 BLAST MEN	1 COMPRESSOR 1600 CFM				
1 mechanie	2 DUST COLLECTORS				
2 Laborers_	3 PICKUPS				
15077.	1 STAKE BODY				
I OFFICE SUPT	1 VACTRUCK				
	1 STORAG ÉTRAILER				
	I CLEAN/DIRTY TRAILER				
	1 HEATER				
	1 BLAST POT				
	WE	MMENTS			
EQUIPCONT:	I FORKLIFT				
	Z RAPID DEPLOYMENT/ASRISHM COLLECTOR TRUCKS				
	I DRYER ON COMPRESSOR				
	2 DUST COLLECTORS				
			-1/- 0. ~24.2		ZIAST CLEAN

AIR PRESSURE AT THE COMPRESSOR IS 140 PSIG. THE CONTRACTOR WILL BLAST CLEAR
AN AREA, THEN TOM TURNEY & I WILL EXAMINITHE QUALITY OF CLEARING TO
ESTABLISH PRECEDENCE FOR REMAINING SURFACES.

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T3060-E

Project:	Name	C. STUART	Date	11/8/36	Sheet	g of	IR No.: / 6
Instruments		Seral No. / Ty	e In	struments		Serial 1	lo.//Type
Psychrometer		81942/ BAC	H. We	t Film Thicknes	s Gage		
Surface Temperature T	hermometer	173764/AT	D-	/ Film Thicknes	s Gage	12-8697	3 POSITECTOR 600
Paint Thermometer		K-82294/TA		libration Plate(s	;)	176126	
Comparator		S SH G/S		oke Gage		1,10.00	7
Testex Tape (affix tape)	C PG XC XC	Но	liday Tester			
Micrometer		176304					
REWORK	EMS IDEN	HEED ODAY			EMS C	ORREGIED I	ODAY
Description			Descript	ion		<u> </u>	
							
						·	
Note any area(e) ox	rations that	AREA(S) INACCES vere not observed due t	SIBLE FO	RINSPECTIO	M		
Note any area(s) or ope	rations that v	vere not observed que t	o inaccessibi	iity:			
	<u> </u>						
Name		Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z					
lagilie	 	Company	Time In	Time Out	<u></u>	Purpo	ose
			<u> </u>	 	_		
		Zenneren G		THE REPORT OF THE PROPERTY OF	mai sa mai sa sa sa sa sa sa sa sa sa sa sa sa sa		ustanomena issinarranguma
		his inspection report.	SKIIAIE IA 1:0				<u> Marina Pantahasan</u>
	is result of t	ma mapecuon report.				 	
							
<u>, , , , , , , , , , , , , , , , , , , </u>							
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accurate. This inspection report shall not be reproduced, exc	ept in full, without the written approval of KTA Tator, Inc.
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793	101	10,27,20	-}
7.7.		DATE: 10 24 25 M (TW) (DF S SU #	
	DAILY COATING INSPECTION REPORT	PROJECT#: 504265-A02	COPY
			ffice Client
	PROJECT/CLIENT: PA OOT	Pr	roj Mgr
	LOCATION: SPAN TIL + II		ATTACHMENTS
	Cities and	D 10 Di	FT SHEET NCR/CAR
	DESCRIPTION: CLECKED AN BIENT CONDITIONS	BLASTING Primes	·
	REQUIREMENTS: 5°>0P NAT, 45° FOY PVIME	5P-16	"INDIAN"
	CONTRACTOR: CORCON		/ISION#:
	DESCRIPTION OF AREAS & WORK PERFORMED	HOLD POINT INSPECTIONS P	EHPOHWED
	REVIEWED AMBIENT CONDITIONS	 WEATHER AND SITE CONDITIONS 	
	AT 9:10Am 10/24/06 CONTRACTOR DID	2. PRE SURFACE PREPARATION/COND	ITION & CLEANLINESS
	NOT CHOOSE TO WON'T THIS DATE.	3. SURFACE PREPARATION MONITORIN	NG L
	10125/06 WED CONTRACTOR BESAN	4. POST SURFACE PREPARATION/CLEA 5. APPLICATION MONITORING/WET FILE	M THICKNESS (WED.
	CONTAINMENT + BLASTING ENGINEER	6. POST APPLICATION/APPLICATION DE	FECTS
		7. POST CURE/DRY FILM THICKNESS (I	
15	SISLED OFF ON CONTAINMENT AT	8. CORRECTIVE ACTIONS FOLLOW UP	& FINAL INSPECTION
1971 5 (µm)	2:20Pm, BLASTING IN SPAN 3 BAYS + BAYZ PRIMEY APPLIED /10/26/	APPROVED BY:	ı
×	4 BULLS LAIMER HARFIED /10/50	AMBIENT CONDITION	OFFINE COLDENST
A A A A	SURFACE CONDITIONS GROWN PAC	Reserved to the an influence of the control of the	SPMI
PRESS-O-FILM" TESTEX Damis USA USA USE (1.5 to 4.5 mils) or (40 to 115 μm)	NEW MAINT PRIMER/PAINT AGE/DRY/CURE	AREAS: SPANTITYTE 9/2	
Silm (Silm	STEEL GALVANIZE CONCRETE		9 4:45 10:25Pm 4:20Am
6 .5 m	HAZARDSAMPLE REPORT # DEGREE OF CONTAMINATION:	DRY BULB TEMP® C/F 40° 40	
Ġ û	TEST: CI // Lig/pm²/ppm Fe 1 ppm pH ppm	WET BULB TEMP° C/F 32° 46	
E 19 E	DEGREE OF CORROSION:	% RELATIVE HUMIDITY 40 % 50	, % 49 % 67 % 72
	SCALE PITTING/HOLES CREVICES SHARP EDGES	SURF TEMPO C/F MIN/MAX 40 . 44	5° 47° 49° 47.5
PRES	WELD MOISTURE OILS	DEW POINT TEMP® C/F >> 3	3 0 37 0 37 0 40
	PAINTED SURFACE CONDITION:	WIND DIRECTION/SPEED W) W W W
8 5 9 W.A	OPRY TO/TOUCH 45 HANDLE RECOAT 8 LV S DRY/OVERSPRAY (RUNS/SAGS) PINHOLES HOLIDAYS	WEATHER CONDITIONS: CLOUGT.	SNOW FLORVINES/CLOUDINES
.E.,	ABRASION FALLOUT NO WET STRIPPING	ONDITABILITATION	7
	SUBFACE PREPARATION	START TIME 4:15 A KINISH TIME 3 PA	A AREA 7 000 \$2/m2 SPAN III + II
	START TIME 3:28 FINISH TIME 345 PAREAZ SOO tit 2/m2		PCOAT TOUCH UP PRIME OFT
700		- TITLE 1	(ED) 30 SACLOUS 3-5MILS
Auser	SOLVENT CLEAN HAND TOOL POWER TOOL		TIO NIA
Broke		WEIGHT WILL WILLIAMS	THOD YOWER
4 BLASTING	ABRASIVE BLAST ABRASIVE TYPE SAMPLE 1240 88 BLAST HOSE SIZE 4 8 4 5 1 5 NOZZLE SIZE/PSI	THE BRUNTING	
DOMN序加出	AIR SUPPLY CFM AIR SUPPLY CLEANLINESS		SCREEN NA PRODUCT WAS
	WATER/OIL TRAP CHECK PEQUIPMENT CONDITION CHECK		AL TEMP 50 + UP TO 1350 AT
	AUSER OF RADO DEPLOYMENT DOWN		TO PLACEMENT
	SURFACE CLEANLINESS & PROFILE MEASUREMENT	SHELF LIFE 12ND POT LIF	E MILM HCC BY CONDUES FOR
	JOB SPEC NACE/SSPC-SP \ O	BATCH NUMBERS REDUC	
	NACE/SSPC SPEC/ VISUAL STDS	(A) OXZCIGF(350) QTYAD	DED 3202
(F) (F)	PROFILE CHECK: _DISC TAPEX GAUGE	(B) R1536 (Acc) % BY VO	
Ε 19 μ 5 μ	SPECIFIED 1.5-3.5 Is/µm ACHIEVED 4.5 mils/µm	(C) Specifie	d WFT 4 5 miles/10 2
<u>H</u> ₹ 0	SURFACE EFFECT ON D.F.T. GAUGE/BMR/mils/µm	REDUCER MEK Acheive	d WFT A Asulm
TESTEX NEWARK, DE 19715 USA or (40 to 115 µm)	> DDECC O EU M™		ROLLER PRIMER
	PRESS-O-FILM™	PUMP/POTS HOSE dia.	AIR CHECK
<u>`</u>	No. TESTEX Reading 55 NEWARK, DE 19715 Gage less 20 mils USA		TRAP
9-C	Gage less 2:0 mils USA or 50 µm	-61	FILTER
S S	X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)		
PRESS-O-FILM" TESTEX Non-Z/Z NEWAHK, DE 1971 USA COARSE (1.5 to 4.5 mile) or (40 to 115 μm)	WEST WHOME CHIEDNAMON	PSI TIP SIZE	AGITATOR
G 250 ES	GAUGE GAUGE GAUGE SPECIFIED AVERAGE AVERAGE TOTAL TYPE SERIAL CALIB. AVERAGE D.F.T.THIS D.F.T.LAST AVERAGE	1 7 6/	
Common .	MODEL # VERIFIED D.F.T. COAT COAT D.F.T.	(om/an	10/26/06
No. 24 Peading 24 Cage less 2.0 r So um X COARS!	3-5	INSPECTOR'S SIGNATURE	DATE U
Z E 6	001110	NOTE: 3 work	ESVS LEFT JOB

BAY 5 | SPANTITE BAY 1,2,3, PAVISY, S SPANTE

BUOVKEVS LEFT TOB AT 2:30AN DUE TO FATIGUE

DWOVKERS PAINT SHIFT RAN From 8AM 10/25-7PM 10/26.
3 PRIMER WASTATICK & WAS NOT SPRANN FORM 5

							10	TELLI O								
								DATE: 10	12-	LAG M T	W B (F	ns su l	7	Pg	of A	.]
i pi	FT	MEAS	UREN	MENT	WORK	(SHE	=T	PROJECT		100				COPY		1
								INSPECTO		i			QC Mgr		lent	
PROJEC1	ורו	ENT:	O AS	-				INGLECIC	m.	•	- 6 4	2.0	Proj Mg			
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PRIMER 3-5 MILS OFT 4 UPTO TMILS ASPER
Shirwin william STECK SERVISTES REVIEW TONTURNET PSA 10/25/00
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PRIMER PRIMER

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FORM 5

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GAUGE TYPE

549

4265-A01 PROJECT CONTRACT # 71544 152275 CORCOW (SUB) 8AM 10/25 - 6PM 10/26 BOOK # 445487 4 BLASTERS, INECHANIC, 5 LABOYS EQUIPMENT 1 COMP 2 DOST COLLECTOVS, 1 UAC. TRUCK OF 3 RCKUPS, 1 BOXTR 1 STAKEBOPT, 2 AIRLEST DESTANDED OF PLOYMENT UFINERS OFFICE #_ DATE 10 /250 LOCATION ITEM NO/TYPE/FUNDING ITEM DESCRIPTION ACTUAL PLAN 9070-0001-02 PAINTING DING ACC BRIDGE PAINTING L.S. PIS 0+00-0+00.00 AIS SPANTE BAY I, SPANII BAY 1, 2, 3, 4,5 CONTRACTOR MOBILIZED ONSITE AT APROX BAM + BESTON CONTAINMENT ERECTION SPANIII 4II, AT JAM REDUCED LANE TO SINGLE LEFT LANE, CONTRACTOR MOBILIZED IN RIGHT LANE + BESAU CONTAINMENT CUTTAIN USING 2 RAPIO DE PLOYMENT UEHICLES, ENSINEER From M.D.E. INC. MRISABELO TOLGOO CAME OUT TO SITE & REVIEWED + ACCEPTED CONTAINMENT AT 2:20PM, CONTRACTOR BESAU BLASTINS AT 3:209m, ONE CONTHINNEUT TRUCK AUSER BYOKE DOWN AT 4:30PM & WAS NOT ON LINE UNTIL S:45 PM. REUIEWED BLAST AVEAS AT THAT TIME & MADE COMMENTS TO BLASTEVS WITH RESAYD TO SP-10 CONDITION. AT 8:25 PM I CALCED TOM CHUCAHAN OF SKEYWIN-WILLIAMS TECH SERVICES. TO ASK his OPINION ON DAUE (COICON SOPT) REQUEST TO BE ALLOWED TO LAY A HEAVIER WET OW PRIME CONT TO ACOU A STEPHER MAYSIN OF ERROR FOY DET. MEASONEMENTS; SPECS STATE 3-5 DET, MR CALLANANGANE ALCOMANCE FOR UP TO 6-7 OFT WITH MINOR THS OF 8 MIL OFT. AT 2:30 AM THURSDAY 3 WONKEVS; 2BLASTEVS & ILABOR LEFT JOB DUE TO FATTGUE. AT APPROX 3:15 AM Propuction BLASTING WAS COMPLETED, I WENT INTO CONTAINMENT & MANKED DIFICIENT AVEAS, THESE AVEAS WE REBLASTED + BLAST WAS ACCEPTED AT 4:45 Am. PAINT PRIMER WAS MIXEN (GALUA PAC) WITH BOLERATOR (402-19AL) AT APPROX 4: 20 Am. PRODOCT WOULD NOT GO THUOUS 4 LINES OF PHINT SUNS. PAINT KIT WAS DISG WAYDED AM WEONESDAY - TAM ThuysDAY
HOURS WORKED

9402=24hrs

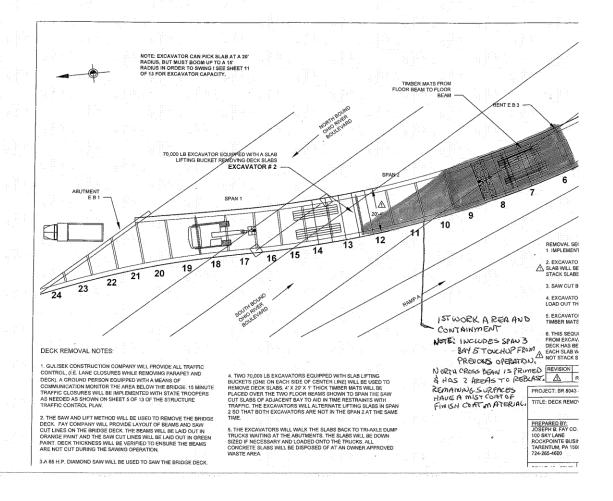
	PROJECT 4265-A01	
	CONTRACTOR CORCOW (SUB)	152276
	NO. OF MEN	BOOK # 445487
	Kel o to isome	PAGE 2 97 2
	EQUIPMENT VIETER (O 1522)S	OFFICE # 1/1/25 /OC
	ITEM NO/TYPE/FUNDING ITEM DESCRIPTION PLA	LOCATION ACTUAL
	9070-0001-02 TAINTINS WILLS AC	C ARIOSE AHMING CZ
	A.S. SPANTIL BAYTI, SPANTE BAY (2,3,4)	~
	AT 530AM, NEW KIT WAS UTILIZER	2 AT 5:45 AM
	WITH NO ACCERATOR + WAS THERED	RENDERD WITH
	8.5% BYOOL WITH MET PAINT STIL	L Prover To BE
	PIOBLEMATIC WITH FINGERINS + RUN	
	4:20 AM - 8 AM GKITS WEVE MIXER	OWITH POOR RESULTS
	AT THE SUN END, PAINT APPEAVEDT	TO BE UERY LOW, in
	DISCOSITY DEVY Thick ALMOST CLAY &	
_	NOTE: RANDY BUYSAVO + DOUS Thom	
	ON SITE AT 10:30-11:30 Pm. Thom Sherwin williams on SITE 5 Am - ?	AS CACCAMITAL
	CHAYLIE STOVANT (KTA) ON SITE TAVE	TEN THE TOTAL STATE OF THE PARTY OF THE PART
	4-09 TO 3:30 Pm Thursday 10/20/6	G
	INCOMPLETE PAY OLS	
	9075-0001-02 CONTAINMENT	L.S.
	R.S. 0+00-0+00.00	
	A.S. SPANITE BAY 54 SPANIT BAY !	2,3,4,5
	CONTAINMENT WAS PLACED AT AB AND APPROVED BY ENSINEER MONITO	
	TIMES THYOUS LOUT NIGHT MINOR DISCHA	
	WITH ONE WITHILE THAT NEEDED MOVE	LANDING OBJENCED
	INCOMPLETE DAY OLS	
٥.	0901-0001-01 MPT	
	AHS ENTINE PROJECT	
	REVIEWED MIT GSSBAT 7:15 PM 10 SIGNS, 4 DEVICES OPA OPENATING	1-95 HM
-	HOURS WORKED	NSPECTORS SIGNATURE
_	7 Am Thursony	
D	1402=29hVS	

PROJECT_ CONTRACT # 152277 SUB) 8AM10/25-6PM 10/26 2 PAINTERS, IMECHANIC, 2 SUPT, BOOK # 445487 JUPMENT I COMP, I UACTRUCT, 3 PICKUPS, 180x TR OFFICE # 17 1/mg.
I STAKEBODY, ZAIRCESS SPYNSETS ARAPID DEPLOGREDUDATE 10 / ZC 70C EQUIPMENT I COMP, I WAS TRUCK LOCATION ITEM NO/TYPE/FUNDING ITEM DESCRIPTION PLAN 9020-0001-02 PAINTING USING ACC BRIDGE PAINTING LS P.S. 0+00-0+00.00 A.S. SPANII BATU, SPANIE BATUZ,3,45 I WENT NOME AT 7 AM + CHARLIE STOVANT (KTW) STAYED ON SITE I RETURNED AT 2 PM 4 WAS TOLD BY MR STUVANT THAT BY 10 AM ASVEEMENT WAS REACH BY CORCON + SHEVWIN WILLIAMS THAT MATERIAC WAS TOO Thick NEW MATERIAL WAS BrOUGHT OUT & 4 HITS WEVE MIXED WITH ACCELERATOR + SOOD RESULTS WEVE ACHIEVED BUT BY 11:30 STAKIT PLOVED TOBE PLOBLEMATIC I LINE + SUN CLOSSED CONCEVNWAS IF UNBLASTED AVENS WOULD "RUST BACK" UAVIOUS ATTEMPOWEVE MADE TO PAINT PRIMEY CONT. CONTRACTOR RANDUT OFMATERIAL AFTER PLACING A LIGHT COATING ON BXPOSED STEEL TO PREVENT ROST BACK". THE OWLY MATERIAL LEFT WAS PREVIOUSLY UNUSABLEKITS. MAVE OF CORCOW INFORMEDING AT 3:20 PM THAT THEY INTENDED TO COMPLETE PRIMER APPLICATION USING THICK MATERIAL USING BRUSH + POLLER. I CALLED TOM CALLANDO OF SLEVING WILLIAMS IF HE HAD ISSUE, HE SAID NO. I CALLED RANDY BUSAND, PART , IF KE HAD ISSUES. HE CHCLED DOUS ThOMPSON (PADOT) 4 DIVECTED ME 10 TECC DAVE TO HOT USE SUSPECT MATEVIAL Which I DID AT APPROX 335 Rm. DAUE HAD DISCUSSION WITH RANDY & AT APPROX 4:00 Pan TOLD ME THAT THEY WOULD END WOVE FOR DAY & AT APPROX GPM LANE + OPENATION WAS EMDED. 0901-0001-01 MPT PISHAIS EWILVE PROJECT
RANDA BUYS AVO TOLD ME BY PHONE MESSASELANE
WOULD BETAKEN DOWN AT 3 AM THIS PLATE
HOURS WORKED
INSPECTORS SIGNATURE

2FM-9:30PM NO CONC9 7.5hr 9402

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This PATE 10/27/06





JEW ACCEU	ERATEDSI	ISTEM BI	C1060	5 Sn	ハンソー	- CAC	1FORM	11A A	UE. BRI	D6€
	GEN	ERAL INFORM	NOTAN	1966				Sheet	/ of	IR No.: 17
Client: SHEEWIN W	JILLIAM S	Contractor:	(080	الده <u>د</u>				Inspe	ctor: 🕜 į S	TUART
Client Contact: MAK		Supervisor	/Foreman	1: M 11	KÉ M	1A/WAS		KTA J	lob No. 26	0259
Project: CALIFORNIA	- ALE BRIDGE	Crew Start:	7138m	Stop:	12:0	O AM		Date:		
Shift: DAY NI6	HT	Inspector S	tart: /010	3'Sto	p: /2	100 An	1	Day:	FRIDAY	
Work activities perfo	rmed today: Se	TUP CONTAIN	UMENTE	RAPI	DIDEPL	SYMEN	T 54570	Em : E	PERFORM	DFTS ON PRIME
CDAT; TOUCHU	P PRIME COR	IT; REBU	AST & P	RIME	BARE	STEEL LBAYS) !	LEFT F			
(Show location on draw	ring):		(Show	ات را رط locatio ا	on on dra	wing): (PARTIAL	BAYS) (SEE DU	US REPORT \$16)
Control Panel Placer (Show location on draw		∕es ⊠(No	Riggi	ng / Co	ontainm	ent [If me	obile	a	40 5677	NG UP CONTANATOR
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Manufacturer /	Quantity	Batch		ber		lication	Applic	ation	Down	Reason for
Product Name	Mixed	No.	0	-		rt Time	Start	Time	time	downtime
SEW/COROTHANE 1 PRIME P	(Gallons)	A: 07.2161F	Applic	ators	+	45 Pm	3T0P			
PRIME R Recoat Times	12	B. 121536	2		2.0	45.	512	opm	0	
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	DRY FILM THIC	· · · · · · · · · · · · · · · · · · ·	granita	, Miller			T.	RAFFIC	CONTROL	****
ļ	Minimum	Maximum	Avei	rage				start	Stop	MPT Time
Coat 1	-5	15.6	5.1	(n	Road	Closure		fridal Oc ^{qa}	6:30 PM	331/2HRS
Goat 2 FLANGER	EVERTICAL S	 	1		Com	ments:	<u>_</u>		ND LANG	
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or Equipment	Type	of Equipmen	ıt	Us		Use				on of Work
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						······				
Comments: ARE(U	ED ON SITE	AT 10:00	AM T	OTE	PAIN	PEN DO	TIWS	PECTO	ES HOW	TOTAKE
DETS ON A C	ORTING SYST	FEM - WE	REVIE	WED	REQU	REMER	75 O	F PA-	Z AND	I DEMONSTRATE
HOW TO USE										
CORCON IS SE	STTIME UP	CONTAINN	ient &	RA	PIDDA	EPLOYN	newt	SYSTE	Em.	
11:00 WALKED	DOWN CONT	AMMENTU	U iT it	BANI	04 Ba	264RD	, PEN	DOT : 1	WARK HU	DSON, S&W
AND DOUG-TOM	IPSON, DOT	ENGIVEER.	ALSO	PRESE	W TU	AS JO	JHN Z	Amos	SRY THE	NEW DOT
INSPECTOR WE	10 TOOK ON	ER FUR TO	OM 7	000	NEY					
	TUART				Revie	wed By:				
Signature:	funt	Date: 10	27/06	2	Signat					Date:
Distribution:	☐ Client		☐ Cor	ntracto	r		KTA PI	Λ		Other

Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements	and/or observations believed to be
accurate. This inspection report shall not be reproduced, except in full, without the written approval of	KTA Tator Inc
KTA Coating System Inspection Deport 2006 ©Copyright KTA-TATOR, INC. 2006	CLXXXXIII
KTA Coating System Inspection Report 2006 Copyright KTA-TATOR, INC. 2006	S-W Project
	2 2 2 0 3 2 2 2

SEW ACCELERATED SYSTEM BRIDGE STUDY- CALIFORNIA AUE BRIDGE
Project: Name: C. STUART Date: 10/27/00 Sheet 2 of IR No.: 17

Complete items below when required by scope of services

STAFFING/EQUIPMENT

(List separately: Subcontractors: Change Orders, T&M, and Protest Work)

No. of Workers or Equipment

Trade or Type of Equipment

Used

Used

Location and Description of Work

SEE REPORT 16 S HEET 8)

THE PURPOSE OF THE WALKTHROUGH WAS TO DETERMIN IF THE STEEL NEEDED TO BE BRUSH BLASTCLEAUED DUE TO FLASH RUSTING. ALL PARTIES AGREED TO REBLAST APPROX. 400#.

COMMENTS

NOTE: SOME OF THE AREA MIST COATED LAST NIGHT WAS DARK AND
IN MY OPINION AT LEAST QUESTIONABLE FOR FLASH RUSTING.

THROUGHOUT THE LENGTHY TIME PERIOD RETWEEN COMPLETION OF
BLAST CLEAVING OPERATIONS AND RESOLUTION OF THE PRIMER
SPRAHABILITY PROBLEM YESTERPAY THE SUBSTRATE STARTED
AS TIME ELAPSED
TO LOOK DARKER, PERTICULARLY RELATIVE HUMBITY INSIDE
CONTAINMENT OF AS HIGH AS 70% + AND HEAT WAS INDUCED
TO LOWER RH. AND MAINTAIN DEWPOINT LOW. TOM TOURNEY
WAS TAKEN ON A WALLETHROUGH PRIOR TO MY DEPARTURE AND
THE QUESTIONABLE AREAS DISCUSSED. SINCE THE SHERWIN WILLIAMS
REPS. WERE NOT CONCERNED. TOM AREAS TO APPLY A MISTCOAT
TO PREVENT FURTHER DETERIORATION OF CLEANLINES.

ALLARGAS WERE REBLASTED TO SP-10, THE AREAS WERE INSPECTED AT 1:55 PM WITH MARK HUDSON PRESENT. REPLAST & BLOWDOW TOOK N 3 HRS

2:15 S&W DELIVERED 6/56AL KITS OF FAST CLAD URETHANE PART A!OX2435B (4 KITS) OX3435Q PART B: RZIZL

2:30 CONTRACTOR PURGED SPRAY LINES OF MER WITH SEW RTKIS REDUCER.

2:44 FIRST KITOF PRIMER MIXED WITH ACCELERATOR ADDED AT 2:50 PM MATERIAL TEMP IS 510F.

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T3060-E

SEW ACCELCRATED SYSTEM BRIDGE SUDY - CALIFORNIA AUS BRIDGE

Project: Name: C. STURRT Date: Sheet 3 of IR No.: 17

Complete items below when required by scope of services

io, of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Location and Description of Work
			-	

2:50 SPRAY APPLICATION OF PRIMER COMMENCED USING AIRLESS SPRAY, 2MEN APPLYING MATERIAL. THE PRIMER IS STILL FINGERING ON THE OUTSIDE OF THE SPRAY PATTICEN.

2:55, 3:15 AND 3:46 ADDITIONAL KITS OF PRIMER MIXED.

3:50 LIGHT RAIN - SPRAY APPLICATION OF PRIMER COAT COMPLETE.

NOTE: AT THE REDUEST OF DAVE HATHERHILL I CALLED MARK HUDSON TO ASK Z QUESTIONS.

- DIN SPANS BAYS, ALL BUT THE SECTION ABOVE CONCRETE PIER 15 MIST COATED WITH FINISH COAT. DAVE WANTED TO KNOW IF SANDING WAS REQUED. MARK REPLIED THAT SANDINGWAS NOT REQUED BLOW DOWN DUST & SOLVENT CLEAN WITH MEK.
- (2) COROTHANE I TUC PRIMER WAS SPRAYED OVER THE TO PCOATED OVERLAP AREA OF SPAN'S BAY 5. DAVE WANTED TO KNOW WHAT ACTION WAS REQUEED. PER MARK HUDSON NO ACTION WAS REQUEED, FINISH COAT COULD BE SPRAYED ON TOP OF THE ZINC.
- 5:20 PRIME COAT APPLICATION COMPLETE.
- 6:15 CORCON SET UP A HEAT CANNON INDIRECT AM HEATER WITH 2/10" DUCTS TO INDUCE HEAT INTO THE ENCLOSURE TO ACCELERAT CURE OF PRIMECOAT.
- 6:25 HEAT RUNNING
- 7:55 BOHN ZAM OSKY AND I STAFTED DET MEASURMENTS OF THE PRIME COAT.

 MANY OF THE VERTRAL STIFFENERS AND TOPS & BOTTOMS OF BEAM FLANCES

 WERE LOW IN FILM THICKNES, (185 TO 1.75)

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T3060-E

Project:	CLELERATED SYSTEM B	- Date	10/27/06 S	heet 🗸 of	IR No. 7
	Complete items below			services	
		IG/EQUIPM			
No. of Workers	(List separately: Subcontractors,				No Suinciád
or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Loca Descript	tion and ion of Work
					 ,
					
WHEN CORCON & FLAWGES AREAS. 17:00 AM. DE	SAW A TREND OF CONSTHEY DECIDED TO MAN ME FINISH COAT WILL NOT B. PARTED TOBSTE	SISTAN T I ATERIO 5 APPLIC	LOW DFTS OF AND RES	N VERTICAN PRAY ALL JMORROW	AFFECTER.
WHEN CORCON & FLAWGES AREAS. 17:00 AM. DE) SAW A TREND OF CONSTHEY DECIDED TO MAN M FINISH COAT WILL NOT B. PARTED TOPS SITE TE: DFT'S TAKEN TODA	SISTAN T I ATERIO 5 APPLIC	LOW DFTS OF AND RES	N VERTICAN PRAY ALL JMORROW	AFFECTER.
WHEN CORCON & FLAWGES AREAS. 17:00 AM. DE) SAW A TREND OF CONSTHEY DECIDED TO MAN N FINISH COAT WILL NOT BI PARTED JOB SITE	SISTAN T I ATERIO 5 APPLIC	LOW DFTS OF AND RES	N VERTICAN PRAY ALL JMORROW	AFFECTGÌ.
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Daily Painting Inspection Report

SEW ACCELERATE	D 545	TEM	7. BR	DEC	E STU	DY.	-CA	LIFOR	WIA A	VE.	<u>8210</u>	≤ <u>E</u>	
	GENE	RAL II	FORM	IOITA	4				She	et f of IR No.: / 7			
Client: SHERWIN WILLIA	ms	Cont	ractor:	CORCON					Insp	Inspector: C. STUART			
Client Contact: MARK HOD	SON	Supe	ervisor/	Foreman: MIKE MAILLIS KTA Job No. 26025									
Project: CAU FORMIA AUC	BRIDGE	Crev	Start:			Sto	o:	4/	Date	: /0/	27/08	, A	
Shift:		Insp	ector S	tart: /	0.00	9 <i>m</i>	Stop: į	Z:OOAK	M	T	W TH	(E) S	S
Work activities performed toda	ay: . / <	CE	SHEE	· 1)								
			3 ng.		IENT C	ONDI	TIONS						
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	.4.71	F°	F°	%	F٥	F°			Speed		ditions	Perfor	
CONTAINMENT	11:05	54	47	59	40	54							
RAMP	3:27	55	47	54	38	55			n1	1			
	3:54	53	48	69	43	52			$\mathcal{N}\mathcal{T}$	#			
	5:06		47	75	43	51	1		-	T		``	
CONTAINMENT	5:56	50	48	87	46	55	(RE	comm	EWED	HIDE	inco A	EAT	
					ACE P		OITAS					7	
Item(s) Prepared or Item No.	6:53°C	ri		DE	₩3 55	RH (7 59	1000	RHEAT	(Libr	En)		
(Sketch location on T3060-e) Operations Reviewed or Tes			HUMBH	Sat			N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared					+								-
Condition of edges, weld spatt	ter, fins, s	livers	etc								-		
Grease, oil, contaminant remo								 	 				
No visible moisture					+								
Protective coverings in place					-			 	 				
Dust and abrasive removal								l					
Clean and dry abrasive		<u> </u>			+								
Other:					+								
Compressed Air Cleanliness	Locat	tion / ٦	lime	_		_			L				
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Surface Profile	Spec							 	$ \mathcal{J}$	/ -	 -		
(affix testex tape to report)	Actua						•	<u> </u>					
Soluble Salt Contamination	Spec								-				-
☐ SCAT ☐ Chlor*Test	<u> </u>	al (µg/c	m ² \								<u> </u>	$\overline{}$	
☐ Bresle ☐ Other: Method of Surface Preparation				na 🗆	Hand to		Powe	tool 🗆	LPWC [1 HPWC	I UHPV	VJ 🗆 Outh	er:
& Equipment			ibe equi		ana k	<u></u>		50, 🗀					
Abrasive Media Manufacturer:						Res	e Mets	l Readin	a (BMR)	Reco	ord in mils		
, wordere modia mandiacturet.	Size								Pressure		ord in psi		
Increator C						1			, , , , , , , , , , , , , , , , , , , ,	1,000			
Inspector: (5,04R		Det	0: //:	12.00	at		Reviewed By: Signature: Date:				ate:		
- Shire	(Dat	e: 10	27	06		natult	TKTA F	DN4		Other	aic.	
Distribution. Cli	ent			Con	tractor			KIAF	- IVI		Other		

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Project:	Name	CISTU	ART	Date:	11/27/06	Sheet	7 of		10.: £7
Instruments		Serial	No. / Type	inst	ruments		. 31	rial No.	/ Туре
Psychrometer		8194	Z/BACA	4 Wet	Film Thicknes	s Gage			
Surface Temperature The	mometer	17376	64 / ATK	Dry I	ilm Thicknes	s Gage	j2 - 8	6973	1 Positect
Paint Thermometer			4/744		ration Plate(s)	176	26/	KTA
Comparator		S SH	G/S	Tool	e Gage		1	, , ;	<u> </u>
Testex Tape (affix tape)		C PG X	(C XC+	Holid	iay Tester				
Micrometer 176304									
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NA Dany Famuny Inspection Report 2003	Copyright KIA-IATOK, INC. 2003	T3060_T						



SEW ACCEL	ERATED SY	ISTEM S	TUDY	1-0	ALIF	02NIA	AUE.	BRIC	GE.	
	GENE	RAL INFORM	NOITA					Sheet	of f	IR No.: 18
Client: SHOWIN W	ILLIAM S	Contractor:	CORC	SON				Inspe	ctor:	STUART
Client Contact: MAC	K HUDSON	Supervisor/	Foremar	": MI	2E 1	NAUUS		KTA J	lob No. 2	60259
Project: CALIFORNIA	AUE BRIDGE	Crew Start:	7:00	Stop:		777-202		Date: /0/28/06		
Shift:		Inspector St	tart: 8	30Stop):			Day:	< 0 - UP)4V
Work activities performed today: ADDITIONAL DET'S ON PRIME CONT REWORK AREAS; ESTABLISED DET CON CORCON REESTABLISHED CONTAINMENT & APPLIED SEW PASTCLAD UPETHAVE TOPC							NET CONTROL AREAS			
Span 2	HA COHED	COUTAIN	MEUT Bay	(200	APPLIE	<u>5D 584</u>) FAST	CLAIS		
(Show location on drawing		2	(Show	v location	on dra	- BAYS) / awing): (PARTAL	ans) (s	éé Dur	-REPORT 16)
Control Panel Placem (Show location on drawin	ent Y	es XNo	Riggi	ing / Co	ntainm	ent [If mo	bile	a.		- 6:40 PM
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blasters:	NH		ned:	٠٠ [H	<i>'/</i> †		tal Mani f men x		NA
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Manufacturer /	Quantity	Batch		nber		lication	Appli	cation	Down	Reason for
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SEW / FAST CLAD URETHANE	15 GAL	A:0X 243513	Applic	aluis	121	05 PM			0	
Recoat Times	Coat 1:	21 HRS	Coat 2) !:	1	_	2:/o ^{pm}			
<u> </u>	RY FILM THIC				1	4			NA	NA
	Minimum	Maximum	Aver	-200				Start	CONTROL Stop	MPT Time
Contd		Maximum	Avei	aye						
Coat 1 REINSPECTION	3,7	15.9	7.6	2		d Closure	1 5	1:00	6:40Pm	
Coat 2	7,9	23.5	jle.		Com	ments:	TH	ISTING	STS IN I	ncuped in
Coat 3							10/	27 TR	AFRICCON	trol data
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or Equipment	Туре о	f Equipment		Use	d	Use	1		Descripti	on of Work
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	(SEE IR-1	6 SHEET	8)							***************************************
Comments: Ago	50.1c	AT 01-3	am -							
Comments: ARRIVE	345 0000	HI 8:30	N ===	1007 0 al.:	KA	m BIEW	T (28	NIJITI TICI K	ons m	WHOT HIS
WHICH WERE	BE SOANIA	OKMED	Dr.('	7057	6011	000 0	N TE	ic Pr	IME CO	AT HICEAS
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	11111 1 1101, 1110.							
KTA Coating System Inspection Report 2006 ©Copyright KTA-TATOR, INC. 2006	S W Droiget							

5\$W	ACCELERATED SYSTEM STUT	DY - CALIFORNIA		
roject:	Name:	Date:	Sheet 2 of	IR No.: 18
	Complete items held	when required by scope	of convious	

	Complete items below v STAFFIN (List separately: Subcontractors (G/EQUIPN	IENT .	
No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Location and Description of Work
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Sie injelspæsikill		MMENTS		
9:48 56AC (NOTE:	S AVERAGE VALUES OF (OF FASTCLAD URETHANE W THERE IS NOSPECIFIC TOPCOAT, ONLY THE P	AS MIX	ED FOR STRI CEQUIREMENT	PE COATING. TO STRIPETHE
	THE CONTRACTOR CLAIMS ECOAT COMPLETE.			
12:05 AIRLE UNT GAGE	ESS SPRAY OF FINISH COATHINNED. I INSURED THE STO BETTER CONTROL	T ALL AS THICKNES	Pricatoies HA SES.	D WET FILM THICKIOES
2:25 Cozco	N RIGGED SPAN3 BAY 5 T	o Apply	TOPCOAT, A	ELOTE TO APPLICATION
THES	orfaces were blowed D THE NORTH CROSS BE	pomy mi	TH AIR AND	SOLVENT WITED WITH

AND WEST SIDES WERE MIST COATED DURING THE SPAN 3 OPERATION. THIS PROCEDURE FOR TOP COATING WAS PROPOSED BY MARK HUDSON TO MYSELF AND DAVE HATHERHILL YESTER DAY. NO SANDING WAS REQUIRED.

3:15 SPAN 3 BAY 5 FINISH COAT APPLICATION IS COMPLETE.

3:20 JOHN ZAMOSKY (PEN DOT REP.) AND I STARTED TAKING DETS ON THE FOREST.

HOWEVER, THE MATERIAL WAS STILL SOFT AND THE TYPE Z GAGE WAS LEAVING. MARKS AND COMPRESSING THE CONTING BENEATH THE PROBE, CAUSING FALSE READINGS.

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T3060-E

KTA Daily Painting Inspection Report 2003

SEW ACCELER	ated su	ISTEM STUDY	1 - CALIFORNIA	AVE. BRIE)6E
roject:	Name: 🔿	SON WART	Date: 10 /20/04 St	eet 2 of	IR No.: 76

o. of Workers or Equipment	STAFFIN (List separately: Subcontractors, of the se	Hours Used	Total Hours Used	Location and Description of Work
· · · · · · · · · · · · · · · · · · ·				
			 	
			+	

AT 4:30 JOHN ZANIOSKY AND I WENT BACK TO CONTAINMENT TO TAKE DFT'S ON THE FINISH COAT, WHEN WE AREVED, CONTAINON ENT WAS DOWN AND PICKBORDS AND RIGGING BEING REMOVED. I IMMEDIATLY DISCUSSED WITH CORCON THE DEED TO HAVE ACCESS TO ALL AREAS. CORCON COMPLIED. HOWEVED, ON THE OUTSIDE OF THE SOUTHBOUND SIDE MAIN BEAM READINGS WERE ONLY TAKEN ON THE LOWER WEB AND TOP OF FLANGE. COATING THICKWES WAS MEASURED IN ALL OTHER CONFIGURATIONS. ADDITIONALLY, THE FINISH COAT THICKNESS WAS EVALUATED ON ALL 3 PREVIOUSLY ESTABLISHED DET CONTRIL AREAS, WHERE MEASUREMENTS OF TOP COAT SHOULD BE MORE ACCURATE.

6:00 PM DEPARTED JOB SITE

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T3060-E



Daily Painting Inspection Report

fax 412-788-1306 AUE.

SEW ACCELERATE	0 54:	STE	115	TUD	y -	- Ci	ALI	FOR	NAN	BRi D60	<u>ت</u>			
GENERAL INFORMA					IATION					Shee	Sheet 14 of IR No.: 18			
			stor: Co Eco N						Inspe	Inspector: C. STUART				
Client Contact: MARK HUDSON Supervisor/			or/Foreman: MILE MAILLIS						KTA	KTA Job No. 260259				
Project: Crew Start:			: Stop:					Date	Date: /0/28/06					
Shift: DAY Inspector S				Start: 8:30 Am Stop: 6:00 Pm					M (a)	M T W TH F S S				
Work activities performed today: (5EE Sh				dect i										
	<u></u>	<u> </u>			IENT (CON	IDITI	ONS						
Location	Time	F° F°		RH DP			ST +/-		Wind Direction		Weather		Operations	
	au m			%	F°		-0 .		8.5	Speed	+	ditions	Performed	
BOTTOM OF CONTAINMEN	7:16	50	47		44			·····			Coro) हे WICT		
TOP OF CONTAINMENT			53	63	47	5					٠	- 1		
	9:40		59	42	49	6	6							
TUP UF CONTAINMENT	TU? UF CONTAINMENT \$2:10		50	57	41	5	5					. 1		
						丄							<u> </u>	
				SURF.	ACE P	REP	PARA	MOITA						
Item(s) Prepared or Item No. (Sketch location-on T3060-e)	•							I						l
Operations Reviewed or Tes	ts Perfo	rmed		Sat	Un	sat	t N/A		Sat Unsat		N/A	Sat	Unsat	N/A
Test section prepared					\top									
Condition of edges, weld spatt	er, fins,	slivers	etc.		\top							Ï		
Grease, oil, contaminant remo	val				4	1	Λ							
No visible moisture					\mathbb{M}	1	N							
Protective coverings in place					' \	/	1							
Dust and abrasive removal														
Clean and dry abrasive					1				_					
Other:														
Compressed Air Cleanliness	Loca	Location / Time												
	Resu	Results												
Degree of Cleanliness	Spec	Specified												
	Actu	Actual												
Surface Profile	Spec	cified												
(affix testex tape to report)	Actu	al												
Soluble Salt Contamination	Spec	specified												
L blesie L Ottiet.		al (μg/cm²)												
Method of Surface Preparation		orasive	orasive Blasting ☐ Hand tool ☐ Power tool ☐ LPWC ☐ HPWC ☐ UHPWJ ☐ Other:									er:		
		efly describe equipment:												
Abrasive Media Manufacturer:	Туре	pe e			В	Base Metal Reading (BMR)				Record in mils				
,	Size					N	Nozzle Air or Water Pr			Pressure	essure Record in ps			
Inspector: C. Sinu Al	RI					F	Reviewed By:							
Signature: Date: 10/2				28/0	76	- 5	Signature: Date					ate:		
Distribution: Clie					tracto	г	•		KTA P	M _/		Other		

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accurate. This inspection report shall not be reproduced, exc	ept in full, without the written approval of KTA T	ator, Inc.
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SEW ACCELERATED SYSTEM STUDY - PALIFURNIA AVE. BRIDGE Project: Name: Date: 10/28/06 | Sheet 5 of IR No.: 18 COATING MATERIALS Mix Quantity Manufacturer/Product Component A Component B Component C Name No. Mixed Batch No. Shelf Life Batch No. Shelf Life Batch No. Shelf Life SEW FAST CLAD URETHANK 0x2435B ACC 5GAL R2126 ACC Z 5 GAL ίζ . . 11 3 5 GAL ιι 11 ŧι u MIXING DATA Mix Thinner % Thinner Added Mixed Induction No. Pot Mix Witnessed Type or Name Batch Specified Coating Actual of Time Life Yes No Sat No. Temperature Mix (SP) (SP) 53° 11:50 NA ACC Ĺ Z 510 12:12 NA ACC 3 510 NA 12:33 Acc COATING APPLICATION Item Prepared or Item No.(Note location on T3060-e) SPANZ BAY 6,7,8,9 PARIMBAY 10,11,12 SAME AREA Coating being applied (primer, mid, top, touch-up) TOP STRIPE COAT TEPRAT Mix Number (PARTOFI) 2, 3 AND SPAN 3 BAY 5 Type of Application Equipment ☐ AS ☐ CS ☐ HVLP ☐ PC ☐ Brush ☐ Roller ☐ Other

Time from surface preparation to coating application NA Time of Application (Start/Stop) 12:05-2:15 Compressed Air Location / Time Cleanliness Results Caulk or sealant Type: required Location(s): ☐ Yes Operations Reviewed Sat Unsat N/A Sat Unsat N/A Unsat N/A Pot Agitation Protective Coverings in Place Surrounding Air Cleanliness Intercoat Cleanliness Recoat Times Observed Stripe coat applied Visual Appearance (runs, drips, sags, etc.) WET FILM THICKNESS MEASUREMENT SUMMARY (If applicable) Range Specified 12-15 12-15 Range (actual) 12-15 12-15 TAKEN BY APPLICATORS Average (actual) 13:5 Based on the information above: Sat Unset N/A Sat Unsat N/A Sat Average within the range specified Unsat N/A

- 1	Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements and/or observations believed to be accurate. This inspection report shall not be reproduced except in full without the provided and the prov
	this hispection report represents information gathered by the VTA increases. It was it
	The state of the KTA dispector. It provides a record of measurements and/or observations believed a t
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<u> </u>	MCCECERATED S.	451 EM	7 8	TUDI	- 60	ACIFC	3RN	14 AUE.	BRID	6E	
Project:	ACCEUERATED S	<u>57</u>	-UA	RI	Date: /	0/28/0	6	Sheet 6 of		IR No.: //	3
	REQUIRED NUN	IBER O	F DR	YFILM	THICKN	ESS M	EASU	REMENTS	Hulle		
☐ Structure/Item	less than 300 f ² - Test each 100										
	i less than 1,000 f² - Test 3 rando		ed 10	0 f ² areas							
Structure/Item	greater than 1,000 f ² - Test 3 rat	ndomiv sei	lected	100 f ² are	as and for	each addi	tional 1	000 test 1 ra	indomly se	lected 100	f ² araa
Other (Describ	oe) 2800 中 BRIDE	SE RE	Am<	\$ 50	280275			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	indoning be	icolog 100	i aita
	Area	39 30		Spot Re	ading (A	verage o	of 3)		Total	5 Spot Av	erage
SPAWZ BA	45 6,7,8,9	1		2	3		4	5	†		ge
PARTIAL BAYS 10,11,12			SE	= AT7	ACHE	D EX	ot.	SHEETS	1		
	PARTIAL BAYS 10,11,12				ading (A			9.70-10-	Total	5 Spot Av	erage
		1		2	3		4	5			
	Area			Spot Re	ading (A	verage o	of 3)		Total	5 Spot Av	rerage
	}	1	_ _	22	3		4	5			
	A										
	Area	4			ading (A				Total	5 Spot Av	/erage
	•	1		2	3		4	5	4		
	Area			Sn-4 D	12 18		4.00	<u> </u>	 	.	
	Alea	1		Spot Re	ading (A	verage o	7 3)	5	iotai	5 Spot Av	rerage
	İ						4		4		
	Area			Snot Pe	ading (A	Vorage c	₹ 3)	<u> </u>	Total	5 Spot Av	
		1		2	3	verage	4	5	TOtal	3 Spot A	rerage
					 			+ -	-		
·	Area	"		Spot Re	ading (A	verage o	of 3)		Total	5 Spot Av	/erage
		1	T.	2	3		4	5	1.55	- 	, c, ago
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	Area			Spot Re	ading (A	verage o	of 3)		Total	5 Spot A	/erage
	1	1		2	3		4	5	1		
	Area				ading (A	verage o	of 3)		Total	5 Spot A	/erage
		1		2	3		4	5			
IIII K KS admit Live Kinge i S		Nik. Westing	45.5			1		<u> </u>			
ttom Dropored	DRY FIL or item No. (Note on T3060-F)					ENTSU	IMMA	RY			
Range Specified				ABOVE					<u> </u>		
	after deduction of BMR)®			7-18,					 		
	after deduction of BMR)		1,9	-22							
①Explain any re	adings #80% or 3120% and a	ections to	kan te	14,6	MILS	1 2 20			<u> </u>		
RESMUTION	TO BE BY SHER	Lat	Kell II	J resolve.	ONLY	257	O I RE	3910111657	24.6		
1-0-0000	TO ISE IS T ORCE	WIN WIL	CIMI	"3 & FC	N POI						
Based on the in	formation above:		Sat	Unsat	N/A	Sat	Un	sat N/A	Sat	Unsat	N/A
Average within r	ange specified		1				+		1	1	1 7 7 7
		OTHE	R FII	M MEA	SUREM	ENTS			Saltzalu		
	ing Performed:		Sat	Unsat	N/A	Sat	Un		Sat	Unsat	N/A
Holiday Test	☐ Low ☐ High						1-		1	 	
Adhesion Test	☐ Tape ☐ Knife			Λ	,	17	1-		1	 	
	☐ Puil-off / type:			$\Box \Box$		1	<u>+</u>				L
Tooke Gage	Cutting tip 1 1X 2X 0	10X			/						
Cure					<u> </u>						
Other:]		1		1			1	1	

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Project:	Name: O	STUART		Date:	0/28/06	Sheet *	7 of	IR No.: 18
Instruments		Serial No.	Туре		uments		Seria	l No. / Type
Psychrometer		81942/1	ВАСН	Wet	ilm Thicknes	s Gage		
Surface Temperature Then			ATRINS	Dry F	ilm Thickness	Gage	14-869	73/ PSITECTOR
Paint Thermometer		4-82294/		Calib	ration Plate(s)		6 /KTA
Comparator	s	SH	G/S	Took	e Gage		11012	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Testex Tape (affix tape)	С	PG XC	XC+	Holid	ay Tester	-		
Micrometer								
REWORKITE	IS IDENTIFI	ED TODAY				EMS C	ORREGIE)TODAY
Description	 		Des	cription	· · · · · · · · · · · · · · · · · · ·			
						<u> </u>		
Note any area(s) or operati	A	REA(S) INAC	CESSIBLE	FOR	INSPECTIO	N		
raute any area(s) or operati	ons mat were	not observed d	ue to inacce	ssibility	Γ			•
	X.	######################################						
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Name	\ C01	mpany	Time	in	Time Out		Pui	pose
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accurate. This inspection report shall not be reproduced, exc	ept in full, without the written approval of KTA Tator, Inc.					
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ATTACHMENT TO KTA REPORT # 18 JOB # 260259

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam.

Note 1: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONTROL AREA 1 PRIME COAT 80% of Min.(3) = 2.4 120% of Max. 8 = 9.6					1 FINISH (20% of Max	COAT c. (18) = 21.6	
Location: Si	PAN 2 BAY	6 - CROS	S BEAM NORTH	END			
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading
9.7	10.7	9.6	9.3	17.5	16.3	18.8	16.8
9.4	7.7	8.2	7,7	19.6	21	18.6	19.0
6.6	7.5	7.4	6.4	13.7	14.5	15.9	14.0
6.4	7.1	7.1	6.1	22	19.6	19.1	19.5
7.7	7.1	7.1	6.6	17.1	17.4	18.7	17.0
8.4	11.2	10.4	9.3	24.3	23	23	22.7
10.4	10	8.7	9.0	15.9	17.2	17	16.0
8.4	10.1	9.9	8.7	22	20	20.9	20.2
11.4	8.9	10.4	9.5	13	12.5	12.6	12.0
8.4	7.5	8	7.2	18.8	21	19.5	19.0
8.2	7	4.8	5.9	14.4	14.1	15.5	13.9
7.3	6.3	7.3	6.2	18.1	16.9	19.6	17.5
F	Prime Coat	Average	7.6		Finish Coar	Average	17.3

DFT CONTR	ROL AREA	2 PRIME	COAT	DFT CONTROL AREA 2 FINISH COAT					
80% of Min.(of Min.(3) = 2.4 120% of Max. 8 = 9.6			80% of Min.(9) = 7.2 120% of Max. (18) = 21.6					
Location: SP	AN 2 BAY	6 - MAIN E	BEAM SOUTHBO	UND, INSIDE					
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading		
12.3	8.2	7.9	8.7	17.9	15.5	15.5	15.6		
9	8.1	10.5	8.5	16.1	14.7	15.3	14.6		
10.4	10.1	10.2	9.5	19	22	19.4	19.4		
8.1	9.3	8.8	8.0	20.3	21.2	21.8	20.4		
9.8	10.3	10.9	9.6	23.5 23.3 26 23.5					
F	rime Coat	Average	8.8	Finish Coat Average 18.			18.7		

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam.

Note: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

	TROL AREA	3 PRIME	COAT	DFT CONTROL AREA 3 FINISH COAT				
80% of Mir	n.(3) = 2.4 1	120% of Ma	x. 8 = 9.6	80% of Min.(9) = 7.2 120% of Max. (18) = 21.6				
Location: S	SPAN 2 BAY	7 - WEB F	ACE OF OUTSIL					
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading	
7.6	8.6	9.1	7.7	13	17	16	14.6	
10.1	13.7	11.5	11.0	19.7	22.9	22.7	21.0	
10.6		10.7	9.5	16.7	15.5	16.2	15.4	
7.7		7.7	6.2	12.8	13.8	14.2	12.9	
9.5		9.4	8.5	15.2	14.4	14.6	14.0	
7.1		7.9	7.1	15.5	13.6	15.5	14.1	
10.9		10.4	9.7	19.8		20.3	19.3	
10		9.4	9.2	15.9	15.8	15.3	14.9	
6.6		6	5.8	14.4	14.2	13.7	13.4	
9.3		9.1	8.9	16.6	17.1	17.3	16.3	
6.8		10	7.5	14.8	15.8	13.2	13.9	
8.4		9.9	8.0	16.8	16.9	16.8	16.1	
8.7	7.6	8.9	7.7	15.3		16.2	14.7	
8.2	7.7	9.3	7.7	14.8		15.2	14.4	
9	9.4	7.6	7.9	14.2	14.3	13.5	13.3	
Prime Coat Average		8.1		Finish Coat	Average	15.2		
	OTTOM FL/	NGE						
G1	G2	G3	Spot Reading	G1		G3	On at Danding	
				6	G2	GS	Spot Reading	
11.8	11.3	8.5	9.8	21	G2 20.5	20	19.8	
8.9	11.3 9.1	8.5 6.9	9.8 7.6					
8.9 8.5	11.3 9.1 7.2	8.5	9.8	21	20.5	20	19.8	
8.9 8.5 8.8	11.3 9.1 7.2 8.5	8.5 6.9 7.9 9	9.8 7.6 7.1 8.0	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6	19.8 16.0 17.5 15.4	
8.9 8.5	11.3 9.1 7.2	8.5 6.9 7.9	9.8 7.6 7.1	21 17.9 17.6	20.5 16.8 18.9	20 15.6 18.3	19.8 16.0 17.5	
8.9 8.5 8.8 9.3	11.3 9.1 7.2 8.5 9.1	8.5 6.9 7.9 9 9.5	9.8 7.6 7.1 8.0	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4	
8.9 8.5 8.8 9.3	11.3 9.1 7.2 8.5	8.5 6.9 7.9 9 9.5 Average	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4 18.5	
8.9 8.5 8.8 9.3 BOTTOM C	11.3 9.1 7.2 8.5 9.1 Prime Coat OF LOWER G2	8.5 6.9 7.9 9 9.5 Average FLANGE G3	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4 18.5	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7	8.5 6.9 7.9 9.5 Average FLANGE G3 5.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4	21 17.9 17.6 17.8 18.3	20.5 16.8 18.9 16.2 20.9	20 15.6 18.3 14.4 18.5	19.8 16.0 17.5 15.4 18.5	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7	21 17.9 17.6 17.8 18.3 G1 23.3 12.2	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6	20 15.6 18.3 14.4 18.5 G3 18.2 13.3	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7	21 17.9 17.6 17.8 18.3 G1 23.3 12.2 19.5	20.5 16.8 18.9 16.2 20.9 G2	20 15.6 18.3 14.4 18.5 G3 18.2	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8	21 17.9 17.6 17.8 18.3 G1 23.3 12.2	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6	20 15.6 18.3 14.4 18.5 G3 18.2 13.3	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9,8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.8	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9,8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5	21 17.9 17.6 17.8 18.3 8 18.3 61 23.3 12.2 19.5 14 12.2 17.1	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4	9,8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1	21 17.9 17.6 17.8 18.3 8 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9,8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	21 17.9 17.6 17.8 18.3 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2 8	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0 6.1	21 17.9 17.6 17.8 18.3 8 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7 13.5 9.5	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 15 16.9 17.1 13.2	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8 14	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8 10.0	
8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8 7.2 8.1	11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 7.7 8.7 9.7 11.7 9.4 7.3 7	9,8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	21 17.9 17.6 17.8 18.3 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8	

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 10/28/06

Additional Dry Film Thickness Readings taken outside the control areas. on Span 2 Bays 6,7, 8, 9, (full bays) and 10, 11, 12, (partial bays). See Drawing.

Note 1: A base metal reading of 0.75 was subtracted from each spot readings. Note 2: Red values are out of the specified range and tollerance provided by PA-2.

						ed by PA-2.			
	DFT WORK AREA 1 PRIME COAT 10% of Min.(3) = 2.4 120% of Max. 8 = 9.6			DFT WORK AREA 1 FINISH COAT 80% of Min.(9) = 7.2 120% of Max. (18) = 21.6					
G1	G2	G3							
7.8			Spot Reading	G1	G2	G3	Spot Reading		
	10.2	8.9	8.2	16.6	15.5	17.4	15.8		
6.4	5.9	7.2	5.8	17.9					
5.2	5.4	6.3	4.9	14.4					
8	8.4		7.2	18.7					
4.6	4.3	3.7	3.5	19.6					
7	7.7	8.2	6.9	16.9		14.7	14.9		
7.7	6.3	6.1	6.0	15.2	15	14.1			
6.5	6.8	7.2	6.1	14.3		15.8			
6.8	5.5	5.5	5.2	19.8		19.5			
5.4	5.7	5.3	4.7	13.5		12.8			
5.6	5.1	6	4.8	10.6		11.7	9.9		
6.2	4.7	4.3	4.3	12.3		9.5			
4.6	4.5	4.2	3.7	11	12.7	12.2			
4.4	4.9	4.8	4.0	13.5	12.5	10.8			
5.9	3.7	4.3	3.9	14.6	13.4	12.1			
7.4	7.8	8.1	7.0	15.3	17.7	20.6	17.1		
12.1	8.8	10.3	9.7	15.1		12.6			
8.3	9.1	7.1	7.4	17.2	20.1	18.5			
6.4	5.8	5.9	5.3	20.3		18.6	18.5		
5.1	9.1	6	6.0	22.3		17.4	20.0		
5.8	6	6	5.2	18.5	17	19.1	17.5		
6.9	6.7	6.5	6.0	20.2		21.5			
7.3	8.1	7.5	6.9	17.4	15.7	15.6	15.5		
8.2	7.7	7	6.9	16.3	17.5	18.5	16.7		
8.3	6.3	8.8	7.1	15.5	15.5	18	15.6		
4.7	4.9	4.9	4.1	18	16.7	16.4	16.3		
11.1	5.2	6.8	7.0	19	17	16.7	16.8		
14.9	10.6	6.9	10.1	21.3	23	21	21.0		
8	8.7	7.7	7.4	15.4	15.6	18.9	15.9		
9.7	7.7	9.3	8.2	17.7	16.6	18			
4.3	5.5	4.4	4.0	15.5	11.6	12.4	12.4		
9.5	7.1	9.2	7.9	17.8	14.6	16.6	15.6		
7.9	12.3	9.1	9.0	14	13.8	14.9	13.5		
5.1	4	4.4	3.8	18.5	17.9	19.1	17.8		
11.4	9.1	6.6	8.3	13.9	15.7	14.9	14.1		
5	7.7	7.6	6.0	16.8	17.1	18	16.6		
9.9	8	9.5	8.4	20.4	18.9	19.2	18.8		
6.8	4	2.7	3.8	16.4	17.6	16.6	16.1		
7.2	10	6.4	7.1	14.9	15.7	16.4	14.9		
5.4	4.7	5.1	4.3	18.5	19.7	18.8			
4.5	7.3	5.9	5.2	18	18	17.5	17.1		
6.4	6.5	5.5	5.4	20.2	21.4	18.7	19.4		
6.4	6.5	7.4	6.0	14.6	10.9	11.5			

5.5	4	6	4.4	16.6	14.2	11.2	13.3
4.5	4.7	4	3.7	14.9	15.7	13.9	14.1
9.8	7	7.7	7.4	10.2		6.6	7.9
6.6	7.1	5.4	5.6	10	11.3	11.2	10.1
7.3	6.2	6.5	5.9	10.5	10.9	12.9	10.7
6.4	4.7	4.8	4.6	22	25	21.2	22.0
8.2	8.1	7.6	7.2	16	20.4	19.8	18.0
5.2	5.6	5.5	4.7	15.3	15.5	15	14.5
5.6	4.4	4.1	4.0	19.3		18.8	18.5
4	3.1	5.1	3.3	11.2	10.1	11	10.0
3.8	3.9	4.6	3.4	10.1	12.1	9.6	9.9
3.7	5.7	5.6	4.3	10.6		12.5	10.5
6.7	5.6	4.1	4.7	9.6		12.9	10.1
4	3.3	4.2	3.1	11.7	11.1	12.2	10.9
6.7	3.9	4	4.1	20.3	22	21	20.4
8.4	7.6	7.9	7.2	12.8	12.2	11.9	11.6
4	4.5	4.2	3.5	12.9	12.3	11.3	11.4
6.1	4.8	3.3	4.0	12.4	12	12	11.4
9.6	8.6	8.7	8.2	13.1	11	10.8	10.9
5.3	6.4	6.3	5.3	17.7	20.4	20.3	18.7
5	5.7	5.2	4.6	8.8	12.7	10.5	9.9
4.1	3.5	4.9	3.4	12.6	11.9	10	10.8
7.3	5.3	4	4.8	13.5	15	13.3	13.2
4.6	5.3	5.8	4.5	17.8	16.9	19.7	17.4
5.3	5.6	4.9	4.5	15	10	11.9	11.6
6.6	5.5	4.9	4.9	14.7	12.2	13.7	12.8
3.7	4.5	4.1	3.4	20.1	10.8	10.3	13.0
5.2	4.8	5.7	4.5	12.2	10.8	10	10.3
5.4	4.3	4.3	3.9	9.5	9.2	9.1	8.5
4.5	5.1	4.8	4.1	13.4	12	11.2	11.5
4.2	6.5	5.2	4.6	16.3	14.9	18	15.7
6.9	6.7	6	5.8	24	24	22	22.6
7.2	6.8	8.1	6.6	21	21	21.1	20.3
5.1	7	7.7	5.9	18.6	17.9	13	15.8
4	5.8	5.1	4.2	12.7	14.5	13.4	12.8
4.9	3.1	4.9	3.6	15.8	15.5	14.8	14.6
4.6	4.7	3.6	3.6	10.7	8	10	8.8
8	5.1	4.9	5.3		Finish Coal	Average	14.6
4.1	3.2	4.1	3.1				
4.9	5.2	3.4	3.8				
6.4	6.4	6.3	5.6	—-K	e are less re	-	
4	3.5	5.7	3.7		due to contr		
5.2	6.3	7.2	5.5		area. Read		
4.9	4.7	4.3	3.9	representa	tive surface	configuration	ons.
3.9	4	7.9	4.5				
5.9	4.6	5.2	4.5				
4.9	6.5	5.7	5.0				
4.3	5	4.7	3.9				
4.6	4.4	4.5	3.8	_			
5.2	5.2	6.2	4.8				
3.4	4	4.3	3.2				
5.2	5.4	5	4.5				

4.01	4.0	4.0	
4.9	4.6	4.2	3.8
4.4	4.3	4	3.5
6.1	5.4	5.2	4.8
5	5.5	5	4.4
4.7	4.4	6.6	4.5
10.4	7.8	7.2	7.7
7.3	7.9	6.6	6.5
7.9	8.4	9.6	7.9
4.8	5.4	3.3	3.8
6.7	7.6	7.9	6.7
6.8	5.4	5.8	5.3
6.7	6.2	7.2	6.0
7.7	7.3	6.1	6.3
8.5	9.4	9.4	8.4
6.7	7.3	5.8	5.9
4	5.7	4.7	4.1
4.5	2.7	4.8	3.3
4.4	4.5	9.7	5.5
13.8	14.6	10.5	12.2
7.8	7.7	9.2	7.5
6.8	9.6	6	6.7
4.5	6.3	4.2	4.3
5.2	4.9	5.8	4.6
6.7	8.7	6.3	6.5
13.8	11.8	11.1	11.5
15.9	13.7	12.5	13.3
8.9	8.2	8	7.6
7.5	7.4	7.6	6.8
7	7.4	5.5	5.9
8.9	7	9.3	7.7
10.9	12.6	8.7	10.0
9.8	10.1	9.7	9.1
8.7	9.4	8.8	8.2
12.4	7.9	7.9	8.7
9.4	8.9	7.6	7.9
10.9	11.3	10.9	10.3
6.3	7	6.4	5.8
10	11.6	11	10.1
5.6	6.6	7.7	5.9
5.2	5.7	4	4.2
8.5	9.6	7.4	7.8
4.4	4	3.5	3.2
6.8	5.5	6	5.4
9.4	4	5.6	5.6
8.6	8.5	9.9	8.3
4.8	5.9	5.2	4.6
5	7.1	4.6	4.8
4.1	3.3	4.4	3.2
8.5	7.1	8.5	7.3
5.7	4.7	7.2	5.1
11.2	10.9	10	10.0
6.4	4.1	5.3	4.5

7.8	8.4	9.1	7.7
5.7	5.8	5.4	4.9
10	9.6	7.4	8.3
10.7	8.9	8.6	8.7
12.9	13.1	11.3	11.7
5.6	8.7	8.7	6.9
9.2	8	9.7	8.2
5.2	5	7.2	5.0
10	11.4	10.7	10.0
9.6	9	9.1	8.5
8.2	8.1	7.6	7.2
10.8	9.8	10.1	9.5
5.6	7.8	7.3	6.2
7.7	7.8	7.3	6.8
6.5	6.6	5.2	5.4
8	8	7	6.9
8.5	9.7	7.9	8.0
5.4	5.5	7.9	5.2
6	4.7	6.2	4.9
6.1	4.7	6.4	4.8
13.6	17	12.5	13.6
9.7	10.4	8.3	8.7
10.5	10.4	10.3	9.8
5.5	5.1	4.4	4.3
5.8	6.3	5.3	
5.3	5.3	9.6	5.1
5.7	6.1	9.6 6.8	6.0 5.5
8.1	7.2	7.7	
6.4	8.2	7.7	6.9
4.2	5	6.1	6.5
5.7	5		4.4
6.3	6.2	6.1	4.9
4	4.1	6.4 4.8	5.6 3.6
4.1	5.1	4.8	
9.4	9.1		3.7
6.3		8.9	8.4
6.8	7.1	7.6	6.3
	5.7	6	5.4
5 5.4	5 4.8	5,7	4.5
9		5.3	4.4
	7.9	9.6	8.1
5.9	6.1	6.1	5.3
7.6	5.4	7.8	6.2
8.6	7.1	6.4	6.6
7.2	8.1	7.3	6.8
6.2	6.1	5.8	5.3
4.6	5.2	5.7	4.4
4.1	5	4.6	3.8
4.8	4.6	4.1	3.8
5	7.1	4.5	4.8
6	7.2	6.7	5.9
4.7	5.1	5.7	4.4
5.7	6	6.5	5.3

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5.5	7.7	6.8	5.9
5.7	5.3	5.6	4.8
5.4	6.1	5.7	5.0
5	4.4	5.7	4.3
5.5	6	4.8	4.7
4.7	4.6	4.5	3.9
9.5	7.6	7.4	7.4
6.9	6.1	5.6	5.5
11.6	4.4	6.2	6.7
9.7	10.6	9.5	9.2
3.7	4.4	4.3	3.4
8.2	7.2	9.3	7.5
6.6	7.1	6.6	6.0
4.5	4.8	5.2	4.1
9	7.3	7.7	7.3
5.7	5.6	6.1	5.1
9.6	12	8.9	9.4
6.4	7.9	9.2	7.1
6.5	6.5	5.4	5.4
9.5	9.4	7.9	8.2
5.6	5.5	7.4	5.4
7.5	6.3	6	5.9
6.4	7.6	5.5	5.8
6.8	6.5	5.6	5.6
4.2	4.6	3.5	3.4
11.7	13.9	12.7	12.0
17	16	16	15.6
13	13.7	9.1	11.2
12	15	14.2	13.0
9.7	9.4	10	9.0
8.4	5.7	9	7.0
11.1	10	11	10.0
8.5	13.6	11.8	10.6
12.8	8.9	13	10.8
10.3	10.8	11.9	10.3
8.1	8.3	9.4	7.9
10.6	9.6	9	9.0
7.2	7.2	7.6	6.6
12	9.7	8.8	9.4
7.5	12	13	10.1
7.2	7.5	7.2	6.6
7.5	8.4	7.7	7.1
10.6	9	8.8	8.7
8.8	7.7	7.9	7.4
4.4	4.3	4.2	3.6
.8.7	4.5	4	5.0
5.8	9.3	7.2	6.7
10.5	9.5	7	8.3
14	12	11	11.6
9.5	9.1	9.5	8.6
	4.0	12.1	
12 8.3	12	[2,]]	11.3

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8.4	7.0		77
8.1	7.9	9	7.7
	7.2	8	7.0
6.7	6.8	8.1	6.5
7.9	5.5	5.9	5.7
6.3	5.6	6.8	5.5
8.4	8.1	9.3	7.9
5.8	5.7	5.9	5.1
7.2	7.3	7.7	6.7
9.1	10.2	9.7	8.9
7.4	7.2	7.9	6.8
4.7	5.2	6.2	4.6
8.7	8.6	8.7	7.9
9.9	8.2	8.7	8.2
5.7	4.6	. 5	4.4
8.1	8.4	7	7.1
10.7	12	13.4	11.3
9.3	8.4	9.6	8.4
6.9	7.9	8.7	7.1
6.7	7.7	8.6	6.9
8.7	8.4	8.6	7.8
8.7	9.2	8	7.9
7.2	9.1	8.2	7.4
8.9	8.2	9.2	8.0
4	8.6	7.6	6.0
6.1	7.4	6.3	5.9
8.6	9.2	8	7.9
6.7	7.6	7.6	6.6
9.5	11.6	9	9.3
12.6	12.4	12	11.6
8.1	9.2	7.8	7.6
10	12	8.5	9.4
8.8	9	9.9	8.5
6.2	5.8	4.8	4.9
6.7	5.8	6.6	5.6
10	9.6	6.7	8.0
9	8	8.8	7.9
6.5	7	7.9	6.4
5.1	4.8	5.3	4.3
15	13	12	12.6
5.7	5.1	6.1	4.9
6.7	7.1	6.1	5.9
5.3	4.7	4.6	4.1
6.1	5.8	4.8	4.8
8.2	6.8	. 8	6.9
4.6	4	6	4.1
4.7	5	4	3.8
7.2	5.3	4.9	5.1
4.7	4.3	4.5	3.8
4.7	4.3	4.5	3.8
5.1	4.4	4.8	4.0
4.5	4.5	5.3	4.0
6.2	5.9	5.5	5.1

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4.8	4.5	4.4	3.8
6.3	6.5	6.4	
8.6	8.7	5.8	7.0
		5.6	4.9
6	6.3	6.1	5.4
8.6	10.9	8.3	8.5
9.8	8.4	6.4	7.5
6.7	6.9	6.8	6.1
12.6	13.1	11.5	11.7
9.9	9	8	8.2
9.6	10.1	11.6	9.7
6.1		6.3	6.0
6.3	7.3	8	6.5
9.5		7.4	8.6
6.8	5.9	8.3	6.3
4.9	8.3	6.7	5.9
4.5	5.6	6.6	4.8
6	8.8	5.1	5.9
7.7	5.8	5.2	5.5
10.6		13.2	10.6
5.5	6.4	6.1	5.3
10.3	8.8	10.7	9.2
10	9.5	8.2	8.5
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6.8		6.6	6.1
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5.7	9	8.6	7.0
4.8	5.5	4.4	4.2
7.1	5	4.8	4.9
4.9	5.9	5.6	4.7
5.9	8.8	8.7	7.1
5.6	5.6	5.6	4.9
5.3	4	5.8	4.3
5.3	4.7	4	3.9
4.7	5.5	5.5	4.5
5.4	6.3	4.5	4.7
8	9.5	8.3	7.9
5.3	4.8	5.4	4.4
4.1	4.3	5.1	3.8
4.8	3.9	3.7	3.4
4.6	5.8	4.3	4.2
5.9	4.6	4.9	4.4
4.5	5.1	4.1	3.8
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5.6	5.3	4.7	4.5
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4.3	4	4	3.4
	Primer	Ave. Spot	6.2



Coating System Inspection Report

	SEW ACCEL	ERATED SY	STEM ST	UDY-	- Co	ALIF	JENIK	1 AU	E. BR	1065	
Client Contact: MARK HUPSOU Supervisor/Foreman: MIRE MAILLIS TRALOD No. 260259 Project: Crew Start: 7:00 Stop: Date: /0.30/06 Shift: DAY Inspector Start: 8:00 Stop: 4:30 Pm Day: MANDAY Work activities performed today: Count Activities perfor	j	GEN	ERAL INFORM	IATION		···			Sheet	, of 1	IR No.: 19
Client Contact: MARK HUPSOU Supervisor/Foreman: MIRE MAILLIS TRALOD No. 260259 Project: Crew Start: 7:00 Stop: Date: /0.30/06 Shift: DAY Inspector Start: 8:00 Stop: 4:30 Pm Day: MANDAY Work activities performed today: Count Activities perfor	Client: SHERWIN	WILLIAMS	Contractor:	CoRC	507				Inspe	ctor: C , S	TUART
Project Crew Start: 7;00 Stop: Date: 10/30/06	Client Contact: MA	ek Hudson	Supervisor/	Foreman	MIR	Ē 1	MAILLI	<u> </u>	KTA	lob No. Z	20259
Shift: DAY Inspector Start: \$1.00 Stop: 4/3.0 Pm Day: MONDAY Work achithres performed today: Contractors Start (2 country of the countr	Project:		Crew Start:	7:00	Stop:				Date:	10/20	106
Work activities performed today: Contrangent - workers with 30 child 24mosky ON DOCUMENTATION AND CALCULARY AT INC. DETS ON EXCEL SPREND SHEET Span (Show location on drawing): Control Panel Placement (Show location on drawing): Control Panel Placement (Show location on drawing): Control Panel Placement (Show location on drawing): Control Panel Placement (Show location on drawing): Control Panel Placement (Show location on drawing): Control Panel Placement (Show location on drawing): Control Panel Placement (Show location on drawing): ABRASIVE BLASTING Start time: Number of blasters: Number of blasters: Number of blasters: Square feet blast cleaned: COATING APPLICATION Manufacturer / Product Name (Sallons) Mixed (Sallons) Recoat Times Coat 1: DRY FILM THICKNESS TRAFFIC CONTROL Minimum Maximum Average Start Stop MPT Time Coat 1: Coat 2: Comments: No Pry Film Thickness TRAFFIC CONTROL Minimum Maximum Average Start Stop MPT Time Coat 1: Coat 2: Comments: No Pry Film Thickness TRAFFIC CONTROL Minimum Maximum Average Start Stop MPT Time Coat 1: Coat 2: Comments: No Pry Film Thickness TRAFFIC CONTROL Minimum Maximum Average Start Stop MPT Time Coat 1: Coat 2: Comments: No Pry Film Thickness Start Stop MPT Time Coat 3: STAFFING/EQUIPMENT No. of Workers Or Equipment Type of Equipment Used Used Comments: Comments: ARRIVED WITH 30HN ZAMOSEY ON Documentation Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Type of Equipment Used Comments: ARRIVED WITH 30HN ZAMOSEY ON Documentation Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Type of Equipment No. of Workers Or Fareful Record Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product Name Control Product	1 0/97		Inspector St	عز 8 :art	Stop	o: 4!	30 Pm	ท	Day:	MON	0.A.Y
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(Show location on drawing): Continue Co		ina):	_	(Show	location	n on dra	wing): /	15,16	17		
Start time: Start time: Number of blasters: Number of blasters: Number of blasters: Number of blasters: COATING APPLICATION Manufacturer / Product Name Mixed (Gallons) Recoat Time Coat 1: COAT ING APPLICATION Manufacturer / No. Application Start Time Mixed (Gallons) Recoat Times Coat 1: Coat 2			es 🗹 No	Riggir	ng / Co	ntainm	ent [If me	obile	C	100	
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COATING APPLICATION Manufacturer / Product Name Mixed (Gallons) Recoat Times Coat 1: DRY FILM THICKNESS TRAFFIC CONTROL Minimum Maximum Average Coat 2 Coat 2 Coat 3: Coat 2 Coat 3: TRAFFIC CONTROL Minimum Maximum Average Road Closure 8: 00 MPT Time Coat 1 Road Closure 8: 00 MPT Time Coat 2 Comments: NORTH BOIND LEFT LONG SOUTH BOIND LANGE SOUTH BOIND CONTROL Why Has STAFFING/EQUIPMENT No. of Workers or Equipment Type of Equipment Type of Equipment Contents: North Total Hours Used Used Description of Work (SECTR 16 - SHOCT 8) Comments: ARRUED ON SITE AT RIOD AND STAFFED SETTING UPCONTRUMENT. DEPARTED AT 4:00 PM WILL RETARN AT 7:30 TO TAKE AMBENT CONTRUMENT. DEPARTED AT 4:00 PM WILL RETARN AT 7:30 TO TAKE AMBENT CONTRUMENT. TISO PM SOHN ZAMOSKY CALLED SAID THAT CONTRACTOR CALLED OFF OPERATION. Reviewed By:		/\/#			·	/\	11-				11/14
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	Inspector: C	STUART				Revie	wed Bv				
Signature: O State: Date: Date: Date:	Signature:	Tuest	Date: 10/2	20/04							Date:
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accurate. This inspection report shall not be reprod	uced, except in full, without the written approval of	KTA Tator, Inc.
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Coating System Inspection Report

- ZEW ACCE	rated Sys	TEM ST	レロソ	- C	ALif	FORNU	7 AU	E BR	3065	
	GENE	RAL INFORM	IATION					Shee	t i of	IR No.: 20
Client: SHERWIN U	NILLIAMS	Contractor:	COR	con				Inspe	ctor: 🖰 . S	TUART
Client: SHERWIN WILLIAMS Contractor: CORCON Inspector: C. STUART Client Contact: MARK HUDSON Supervisor/Foreman: MIKE MAILLIS KTA Job No. 260259 Project: Crew Start: Stop: Date: 10/21/10/0										
Project:								Date:	10/31/	06
Shift: DAY / NIGHT Inspector Start: 11:00 Stop: 4:00 AM WED Day: TUESDAY										
Work activities perform	ned today: ຮັບ	REACE PRE	PARATI	ON A	ND E	RIME	COAT	PPLIC	ATION	í- L
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		····		ASIVE E					····	
Start time:	1:35 PM TUE	Stop	time:		740		R	ework t	ime:	45 min
Number of	1 - AFTER	Square f		st		ſ		al Man		
blasters:	1 3 1888 K	clea	ned:		<u> 12 3</u>		(# of	men x	hours)	2 8
			·	NG AP					,	
Manufacturer / Product Name	Quantity Mixed (Gallons)	Batch No.		nber of cators		olication art Time	Applic Start	cation Time	Down time	Reason for downtime
SEW/COROTHANE I ZINC PRIMER		430x2616F	3		3-7	OZAM	2:3		NA.	NA
Recoat Times	Coat 1:	84 R 1536	Coat 2: Coat 3:							
D	RY FILM THICE	KNESS	<u> </u>		 	····	T	RAFFIC	CONTROL	•
	Minimum	Maximum	Ave	rage				Start	Stop	MPT Time
Coat 1	^				Roa	d Closure	9	OOM	C. OS PAR	20 HRS
Coat 2	A		-		Con	nments:	Cus	T.S. Ti	IRAUND LAN	60 9:00 AM 765
Coat 3					<u> </u>		CLOS CLOS	ENSET	DALCURESHI MESOUSCAN CMS	RES 7:00 AM OPENED
	1		STAFF	NG/E	QUIPN	/IENT	_			
No. of Workers				Ηοι		Total H				ion and
or Equipment	Type o	f Equipment		Us	ed	Use	d		Descripti	on of Work
	(SEE PEPVE	7 16, SHE	48						NO.	
		,								
Comments: ARRIVE	DON SITE	AT 11:00 1	tm B	LAST	CiFA	WING- 0	PERAT	<i>ws</i>	TO STAR	ET SOON,
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1:40PM SHUT DOW	IN BLAST	LEAWING	DUE T	OVE	AC TI	PUCK 1	10SE	BREAT	۷	
2:15 PM BLAST C 4:30 M (WFORM	CEANING-STA	RTED AG	AIN					· · ·		
4:30 W IN FORM	ED DAVE H	AVERHILL	Cozo	202	THAT	COND)T10 N3	ins	DE CONT	MINMENT
4:30" INFORM WERE D 6:20" RH IN CO	ETERIORAT	NG-RH	To 6	3%	Aw	ව දිළ ග	mme	NDED	INDUCIN	UG HEAT.
6:20 PT RH IN CO	NTAINMEN	70 780	HE	97ER	1N 8	PLACE,	vow.			- 1
Inspector: C 57	CART	*	, ,			ewed By:				
Signature:		Date: ///	106		Signa	ature:				Date:
Distribution:	G-Ctient		ПС				KTÁ PI	Л		Other

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Sàw Ac	LELEPATED SYSTE.	1 STUDY-	CALIFORNIA	AVE	BRIDGE
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Project:	Name: C. STUART		10/31/06	Sheet 2 of	IR No.: 20
	Complete items below v	vhen requi	red by scope	of services	
	STAFFIN (List separately: Subcontractors, t	IG/EQUIPM		Broton W.	
No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Loca	ation and ition of Work
•					
		MMENTS			81 625 111 111 111 111 111
10:00 JONH DEF AMEZAW 12:02 CO 12:20 AM	T CLEIGNING COMPLETE & REA ZAMOSKY & I EVALUATED ICLENT A REAS WITH CHALL FACE PREPARATION TO SP-1 DEKY (PENDOTREP) ROTHANE I CALUPAC ZINC W ART SPRATING PRIME COAT	THE SUE IC - COR IO WAS AS MIXED	LFACE PREPA CON REBLA ACCEPTED	RATION & MIK ASTED DEFICE AT 11:04 P.	ENCLES AND
3130 AM T	RIME COAT COMPLETE DEPARTED SITE, DAVE HA HE PRIME COAT TOWLGAT AT 6:00 AM TOMORROW	AND AS	EED IF IT	COULD BE PE	RFORMED
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Daily Painting Inspection Report

SEW ACCELERATED SYSTEM STUDY - CALIFORNIA AND. BRIDGE GENERAL INFORMATION Sheet of IR No.: 27 () Inspector: C. STUBRT Client: SHEEWIN WILLIAMS Contractor: CORCON Client Contact: MARK HUDSON Supervisor/Foreman: MILLE MAILLIS KTA Job No. 260 259 Project: Crew Start: Stop: Date: 10/31/06 M //T) Inspector Start: 7065 11:00 AM Stop: web 4:00 AM W TH Shift: DAY Work activities performed today: SURFACE PREPARATION AND PRIME COAT APPLICATION AMBIENT CONDITIONS Location Time DB WB RH DP ST Wind Direction Weather Operations % F٥ F٥ & Speed Conditions Performed 11:53 CONTHINMENT 70 56 40 44 76 GUSTING-25 CLEAR ALL Z:05m RAMP 68 46 46 68 CLEAR AU 56 4)21 RAMP ALL 61 55 68 50 62 CLOUDY 6:00 RAM P 58 55 83 53 58 i. LIGHT RAIN ALL i ' 11 CONTAINMENTION 6.15 (ct 57 78 54 62 řè SURFACE PREPARATION SPANZ BAY 10,11,12,1314 Item(s) Prepared or Item No. BAY 17 (Sketch location on T3060-e) SPANZ BAY 15,16 SPAI Operations Reviewed or Tests Performed Sat Unsat Sat Unsat N/A Sat Unsat N/A Test section prepared Condition of edges, weld spatter, fins, slivers, etc. Grease, oil, contaminant removal No visible moisture Protective coverings in place Dust and abrasive removal Clean and dry abrasive Other: Compressed Air Cleanliness Location / Time COMPRESSOR/1:40P Results OK Degree of Cleanliness Specified 59-10 Actual 59-10 5-3,5 Surface Profile Specified (affix testex tape to report) Actual 4.5 Soluble Salt Contamination Specified ☐ SCAT ☐ Chlor*Test ☐ Bresie ☐ Other: Actual (µg/cm²) Method of Surface Preparation ☐ Abrasive Blasting ☐ Hand tool ☐ Power tool ☐ LPWC ☐ HPWC ☐ UHPWJ ☐ Other: & Equipment Briefly describe equipment: Abrasive Media Manufacturer: Type Base Metal Reading (BMR) Record in mils REED BLACK BEAUTY Síze Nozzle Air or Water Pressure Record in psi 1240 Reviewed By: Inspector: STUART Signature: Date: Date: Signature: 31/06 Distribution: Other KTA PM Client Contractor

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Daily Painting Inspection Report

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ACCELERATED SYSTEM STUDY -CALIFORNIA BUE. BRIDGE Project: Name: C Date: 10/31/06 Sheet 5 of IR No.: 20 COATING MATERIALS Manufacturer/Product Quantity Component A Component B No. Name Mixed Component C Batch No. SEW COROTHAGE I Shelf Life Batch No. Shelf Life Batch No. Shelf Life A: 0×2616F 36AL Acc R1536 ACC ίį 1 (L ٠, U i l 1.1 ί(11 11 ιį 1.1 Ц ₹ (lı e i 4 11 11 ıι MIXING DATA Mix Thinner % Thinner Added Mixed Induction Type or Name Batch Pot Mix Witnessed Specified Actual Coating Time Life No Temperature No. Sat Mix (SP) SEW NO 15 (SP) 150Z 10% 610 11158 NA Acc 2 t. 610 12:10 ٠, ٠ ___ 3 11 600 4 14 12:20 1. ۲, 4 l_1 ŧ, C) 600 Ę 12:30 4 10 60° 12:48 ž COATING APPLICATION Item Prepared or Item No.(Note location on T3060-e) SPANZ DAY 10,11,12,13,14 SPANI BAY 1340,17 Coating being applied (primer, mid, top, touch-up) PRIMER Mix Number 1-8 Type of Application Equipment ☐ AS ☐ CS ☐ HVLP ☐ PC ☐ Brush ☐ Roller ☐ Other
Time from surface preparation to coating application A5 Time of Application (Start/Stop) 12:02 - 2:30 Compressed Air Location / Time Cleanliness Results Caulk or sealant Type: required Location(s): □ Yes □ No Operations Reviewed Sat Unsat N/A Sat Unsat N/A Pot Agitation N/A Protective Coverings in Place Surrounding Air Cleanliness Intercoat Cleanliness Recoat Times Observed J Stripe coat applied シ Visual Appearance (runs, drips, sags, etc.) WET FILM THICKNESS MEASUREMENT SUMMARY (If applicable) Range Specified Range (actual) TAKEN BY APPLICATOR Average (actual) Based on the information above:

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that dispection report shall not be reproduced except in full with and all of coset ve	thores delieved to be accurate
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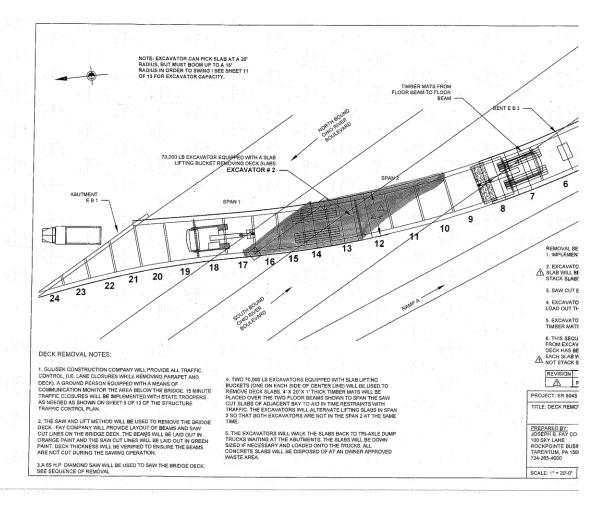
Average within the range specified

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Type o	f Application E	altin na a d						1					
UAST	CS DHV/p n p	C D Doub	□ Roller □ Of	h	1								
Time Yo	m surface prepar	ation to coat	ing application	ner	├ <i>─/</i>	~~							
Time o	f Application (S	tart/Stop)			<u> </u>)EE	SH	ET	5)				
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	T3060-B

	Project: Name:	C. STUART	Date:	10/3//00	Sheet 7 c	f IR No.: 20
1.	instruments - 1-2-12-12-12-12-12-12-12-12-12-12-12-12-	Serial No. / Type		ruments		Serial No. / Type
	Psychrometer	81942/BACA	√ Wet	Film Thickness	Gage	
\ \	Surface Temperature Thermometer	173764 / ATILL		Film Thickness	Gage	
	Paint Thermometer	K-82294/TAYLO		bration Plate(s)	····	
	Comparator	S SH G/S	,	ke Gage		
	Testex Tape (affix tape)	C PG XC XC+	Holi	day Tester		
	Micrometer	176304				
	REWORKTIEMSTOEN				MS CORF	
	Description		Descriptio	<u>n</u>		
			 			
						
	Note any area(s) or operations that w	AREA(S) INACCESS	BLE FOR	INSPECTION		
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Coating System Inspection Report

_SEW ACCO	WERA	TED	SYSTEM	51	104	-C	ALIFOR	NIA	AVEL.	BRIDGE	
			RAL INFORM			7.7	at in	100	Sheet		IR No.: 2/
Client: SHERWIN WIL	LIAMS	>	Contractor:	Co Ro	ก√				Inspe	ctor: 📿	STUART
Client Contact: MAR	2 HUDS	oN	Supervisor/F	oremar	1: Mik	EM	ALLIS		KTA J	ob No. Z	60259
Project:			Crew Start:		Stop:		.,		Date:	11/1/6	
Shift: DAY			Inspector St	art:9,00	AM Stop	D: 11	Sao Pr	7	Day:	WED	
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Manufacturer / Product Name	Quar		Batch		nber of		olication		lication	Down	Reason for
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or Equipment	1	Гуре о	f Equipment	t	Use	ed	Use	d		Descript	ion of Work
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11:30 DFT ME	EASU RE	mENT	3 COMPL	ETE.	SET	- U P	DFT	CONT	ROL A	eeas (*	1)
NO LIGHT	AREAS	S WE	RE FOUND	(W	THIS	SECT	70N, 1	નાહ ના ક	DPT'S U	JUL BE	ADDRESS EID
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accurate. This inspection report shall not be reprod	uced, except in full, without the written approval of	KTA Tator, Inc.
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SEW ACCELERATED STSTEM STUDY - CALIFORNIA AUG BRIDGE

No. of Workers or Equipment 1:50 ST Kill COAT AP 3:30 PM AIR 7:00 FINISH O	Complete items below v STAFFIN List separately: Subcontractors if Trade or Type of Equipment CO OF TOP COAT (SEW FAS OU CATOUWHICH STARTED LESS SPRAY OPERATION S	MMENTS T CLAD UR AT Z:/O	ENT Pris. T&M, and Pri Total Hours Used STHANE) MIS PM	otest Work) Location and Description of Work WED & USED FOR STRIPE
No. of Workers or Equipment 1:50 ST Kill COAT AP 3:30 PM AIR 7:00 FINISH O	List separately. Subcontractors, of Top Coat (S&W FAS DUCATION WHICH STARTED	MMENTS	ESTHANE) MIS	Location and Description of Work WED も USED for Strape
Or Equipment I SO 1ST KIN COAT AP 3:30 PM AIR 7:00 FINISH O	OF TOPCOAT (SEW FAS	MMENTS CCAD UR	Used Used MISETHANE) MISETHANE)	Description of Work Note The Part of Work
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
1:50 15T KII COAT AP 3:30 PM AIR 7:00 FINISH Q 7:30 STARTE	TOF TOPCOAT (SÉW FAS PLICATION WHICH STARTED	T CCAD UR	PETHANE) MIS PM	KED & USED FOR STRIPE
VERTURE TO A AS R 9:15 TOUC	HATTOO SOFT FOR DET INSP DEFINISHED TO TO INSP CAL STIFFENERS AND FLAN IL LOW FILM AREAS DUI EQUIRED. HUP OF FINISH COAT I	SPECTION. BECTION. F IGES. ADD RING EV	TOUND SOME ITTIONAL MK	LIGHT AREAS ON

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SEW ACCELERATED SYSTEM STUDY - CALIFORNIA AND BRIDGE Name: C: STUART Date://// Sheet 3 of IR No.: 2/ COATING MATERIALS Mix Manufacturer/Product Quantity Component A Component B Component C No. Name Mixed Batch No. Shelf Life Batch No. Shelf Life SEW FAST CLAD Batch No. Shelf Life 5GAL 073435Q ACC R426 ACC £ 1 5 GAL . (50AL 4 56AL i į 5GAL MIXING DATA Mix Thinne % Thinner Added Mixed Time Induction Pot Mix Witnessed No. Type or Name Batch Specified Actual Coating Time Life Yes No Sat Temperature No. Mix (SP) (SP) 52° Pm NA 1.150 ACC 3144Pm 41 س 3 4101 4 4 416 pm ŧį سسمت 4:35 4 COATING APPLICATION Item Prepared or Item No.(Note location on T3060-e) SPAN 2 BAYS 10,11,12,13,14, 15,16 SPAN 1 BAY 17, Coating being applied (primer, mid, top, touch-up) TOP Mix Number ~ 5 Type of Application Equipment □ AS □ CS □ HVLP □ PC □ Brush □ Roller □ Other AS Time from surface preparation to coating application NA Time of Application (Start/Stop) 2:10/5:00 PM Compressed Air Location / Time Cleanliness Results Caulk or sealant Туре: required Location(s): ☐ Yes □ No Operations Reviewed Sat Unsat N/A Sat Unsat N/A Unsat N/Δ Pot Agitation Protective Coverings in Place Surrounding Air Cleanliness Intercoat Cleanliness Recoat Times Observed Stripe coat applied Visual Appearance (runs, drips, sags, etc.) WET FILM THICKNESS MEASUREMENT SUMMARY (If applicable): Range Specified 12-15 Range (actual) 12-15 TAKEN BY APPLICATORS Average (actual) 13.5 Based on the information above:

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Unsat

N/A

Sat

Unsat

N/A

Sat

Unsat

N/A

Sat

Average within the range specified



Daily Painting Inspection Report

SÉW ACCELER	CATER	<u>ک د</u>	1510	<u>n</u> S	100h	<u> </u>	(ALI?	ORNIA) AVE	BRI			
	GENE	RALI	NFORM	IOITA	ν.				Shee	t 14 0f		R No.: 2/	<i>'</i>
Client: SHERWIN WILLIAM Client Contact: MARK HUIDS	1M3	Con	tractor.	Cor	200 N	1	•				?, S7,		
Client Contact: MARK HUIDS	,on	Sup	ervisor/	Forem	an: m	IKE	MALL	US	KTA	Job No	Z 6 0	259	
Project:			w Start:			Sto	•		Date	: 11].	1/06		
Shift: DAY/NIGHT		Insp	ector S	tart: 9	100 A	m	Stop:	1:00 Pm	7 M	T	√) TH	F S	S S
Work activities performed toda	y:												
				AME	SIENT C	ONDI	TIONS						
Location	Time	DB	WB	RH	DP	ST	+/-	Wind I	Direction	We	ather	Opera	tions
		F°	F°	%	F°	F°		8.8	peed	Cond	ditions	Perfor	med
	12:40	60	47_	34	32	65	+33			Cre	AR	7070	øAT
	1:35 ^{Pm}	58	48	46	37	57	+20			Cie	21 R	L 1	
CONTAINMENT "	7:000	71	57	41	46	61	+15			CLE	EAR	4)	
CONTRIMMENT!	7:15	60	50	48	40	57	417			CIE	SAR	, , , ,	
			L				<u> </u>						
				SURF	ACE P	REPA	RATION						
Item(s) Prepared or Item No. (Sketch location on T3060-e)													
Operations Reviewed or Test	ts Perfo	rmed		Sat	Uns	sat	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared													
Condition of edges, weld spatte	er, fins,	slivers	, etc.										
Grease, oil, contaminant remov	val												
No visible moisture													
Protective coverings in place									1				
Dust and abrasive removal		$\overline{}$											
·Clean and dry abrasive													
Other:)				Δ.					
Compressed Air Cleanliness	Loca	ation /	Time			1)						
	Res	ults			1/		7		•				
Degree of Cleanliness	Spe	cified		·	7		/ /						
	Actu	al											
Surface Profile	Spe	cified											
(affix testex tape to report)	Actu	al											
Soluble Salt Contamination	Spe	cified					\ = "						
☐ SCAT ☐ Chlor*Test ☐ Bresie ☐ Other:		al (μg/									~		
Method of Surface Preparation	ΠA	brasiv	e Blasti	ng 🗆	Hand to	ool 🗆	Power	tool 🗆	LPWC 🗆	HPWC		NJ □ Oth	BK.
& Equipment	Brief	y desc	ribe equ	ipment:							_		
Abrasive Media Manufacturer:	Туре	9				Bas	se Meta	Reading	(BMR)	Reco	rd in mils	3	
	Size					No:	zzle Air	or Water	Pressure	Reco	ord in psi		
Inspector: (3 ST	MRI	_	·			Re	eviewed	By:			*****		
Signature:	F		te: i]/	1/64	2	Sig	gnature	:			D	ate:	
Distribution: Clie	ent			Con	tractor			KTA P	М		Other		

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accurate. This inspection report shall not be reproduced, exce	ept in full, without the written approval of KTA T	Tator, Inc.
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SPAN BAY B		0 f² area Average Average
Structure/Item less than 300 f² − Test each 100 f² area Structure/Item less than 1,000 f² − Test 3 randomly selected 100 f² areas Structure/Item greater than 1,000 f² − Test 3 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas	Total 5 Spot A Total 5 Spot A Total 5 Spot A Total 5 Spot A	Average Average Average
□ Structure/Item less than 1,000 t² − Test 3 randomly selected 100 t² areas □ Structure/Item greater than 1,000 t² − Test 3 randomly selected 100 t² areas and for each additional 1,000 test 1 random □ Other (Describe) Area Spot Reading (Average of 3) T SPAN 1 BAY 18	Total 5 Spot A Total 5 Spot A Total 5 Spot A	Average Average Average
Structure/Item greater than 1,000 f² - Test 3 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly of the following of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and first selected 100 f² areas and for each additional 1,000 test 1 randomly of the first selected 100 f² areas and first selected 100 f² areas and first selected 100 f² areas and first selected	Total 5 Spot A Total 5 Spot A Total 5 Spot A	Average Average Average
Other (Describe) Area Spot Reading (Average of 3) T	Total 5 Spot A Total 5 Spot A Total 5 Spot A	Average Average Average
Area Spot Reading (Average of 3) T	Total 5 Spot A Total 5 Spot A Total 5 Spot A	Average Average
SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY B SPAN BAY	Total 5 Spot A Total 5 Spot A Total 5 Spot A	Average Average
SPAN BAY B SEE ATT ACHED BY CL SPEADSHEET Area	Total 5 Spot A	Average Average
Area Spot Reading (Average of 3) T 1 2 3 4 5 Area Spot Reading (Average of 3) 1 1 2 3 4 5 Area Spot Reading (Average of 3) 1 Area Spot Reading (Average of 3) 1 1 2 3 4 5 Area Spot Reading (Average of 3) 1 2 3 4 5	Total 5 Spot A	Average Average
Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T 1 2 3 4 5	Total 5 Spot A	Average Average
Area Spot Reading (Average of 3) 1 1 2 3 4 5 Area Spot Reading (Average of 3) 1 1 2 3 4 5 Area Spot Reading (Average of 3) 1 Area Spot Reading (Average of 3) 1 1 2 3 4 5	Total 5 Spot A	Average
Area Spot Reading (Average of 3) T 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T 1 2 3 4 5	Total 5 Spot A	Average
Area Spot Reading (Average of 3) T 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 Area Spot Reading (Average of 3) T Area Spot Reading (Average of 3) T 1 2 3 4 5	Total 5 Spot A	Average
Area Spot Reading (Average of 3) T 1 2 3 4 5 Area Spot Reading (Average of 3) 1 1 2 3 4 5		
1 2 3 4 5		
1 2 3 4 5		
Area Spot Reading (Average of 3) 1 1 2 3 4 5	Total 5 Spot A	verage
1 2 3 4 5	Total 5 Spot A	verage
1 2 3 4 5	Total 5 Spot F	verage
Area Sant Booking (Average of 2)		
	Tatal & Chart 4	
Spot (Cading (Average of 6)	Total 5 Spot A	verage
1 2 3 4 5		
Area Snot Reading (Average of 3)	Total F. Co. at 4	
Area Spot Reading (Average of 3) 1 1 2 3 4 5	Total 5 Spot A	verage
Area Spot Reading (Average of 3)	Total 5 Spot A	Average
1 2 3 4 5	Total o opoca	TVOLAGE
Area Spot Reading (Average of 3)	Total 5 Spot A	Average
1 2 3 4 5		Troingo
DRY FILM THICKNESS MEASUREMENT SUMMARY		
tem Prepared or Item No. (Note on T3060-F) SEE ABOVE SEE ABOVE		
Range Specified Rumer 3-8 MILS TOTAL SISTEM 9-18 MILS		
Range (actual, after deduction of BMR) 2.9-12.3 6.0-24.0		
Average (actual, after deduction of BMR)		
DExplain any readings #80% or 3120% and actions taken to resolve: LIGHT AREAS WERE SPRANED	WITH ADD.	IT IS WAI.
TOPCOAT TO BRING DETS INTO RANGE. HIGH READINGS WEETO BE ADDRE	SSED BY	7101011
SHERWIN WILLIAMS AND PADOT ENGINEERING.	<u>, , , , , , , , , , , , , , , , , , , </u>	
Based on the information above: Sat Unsat N/A Sat Unsat N/A	Sat Unsat	N/A
Average within range specified		77.
OTHER FILM MEASUREMENTS		
Additional Testing Performed: Sat Unsat N/A Sat Unsat N/A	Sat Unsat	
Holiday Test 🛘 Low 🔾 High		
Adhesion Test 🛘 Tape 🗸 Knife		+
☐ Puil-off / type:		\perp
Tooke Gage Cutting tip □ 1X □ 2X □ 10X		J
Cure		
Other:		

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Project:	Name	: 6.	STUAR	T	Date:	11/06	Sheet	of of	IR No.: 21
instruments		S	erial No. / Ty	pe		ruments		Seri	al No. / Type
Psychrometer		ଞ	1942/BAG	CH	Wet	Film Thicknes	s Gage		
Surface Temperature T	hermometer		3764 / AT		Dry I	ilm Thickness	Gage	K-869	13/ POSTIECTOR
Paint Thermometer			82294 / TA		Calib	ration Plate(s)	17612	61 KTA.
Comparator		S	SH G/	S	Took	e Gage		1,7,7	
Testex Tape (affix tape)	C PC	3 XC XC	+	Holic	lay Tester		 	
Micrometer									
REWORK	EMS IDEN	TIFIED	TODAY			REWORKIT	EMS C	RRECTE	D TODAY
Description				De	scription	<u> </u>			
									·
						····			
				_					
		ARE/	A(S) INAGEE	SSIBLE	FOR	IVSPECTIO	N		
Note any area(s) or ope	erations that v	vere not	observed due	to inacce	ssibilit	y:			
	X		VISITO	RINFOR	TAMS	ION			
Name		Compa	ny	Time	e in	Time Out		Pu	rpose
				_					
				+					
		/		+					
		X	e e	OMMEN	UTS				
☐ NCR# issued a	s result of t	his insp	ection report.						
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accurate. This inspection report shall not be reproduced, except in full, without the written approval of KTA Tator, Inc.									
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CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 11/1/06

Span 2 Bays 10,11,12.13,14 (Full Bays) - Bays 15,16,17 (Partial)

Note 1: In this work area the gage setting include a BMR of 0.75 mils.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

Note 2: Red	values are out of t	ne specified range and	tollerance	provided by PA-2	
					_

DFT CONT	FT CONTROL AREA 1 PRIME COAT					DFT CONTROL AREA 1 FINISH COAT					
							20% of Ma	x. (18) = 21.6			
Location: S	PAN 2 BAY	12 - OUTS	SIDE MAIN BEAN	VI	NORTH B	DUND					
G1	G2	G3	Spot Reading	X	G1	G2	G3	Spot Reading			
6.9	5.8	8.1	6.9	1	22	19.9	19.3	20.4			
5.5	6.2	5.9	5.9	1979	16.6	16.3	17	16.6			
8.4	6.8	8.1	7.8		16.9	18	17.7	17.5			
6.3	8.2	8.8	7.8	100	16.8	14.9	16	15.9			
7.4	9.1	6.9	7.8		14.6	13.5	14.4	14.2			
7.5	8.4	7.6	7.8		14.7	14.1	14.4	14.4			
7.8	6.4	8.2	7.5	SUC	15.3	17.3	16.9	16.5			
7	7.3	5.7	6.7	9	14.4	13.3	13.5	13.7			
7.2	7.3	7.5	7.3	0.00	9.3	13.4	12.6	11.8			
5.1	6.6	8.3	6.7	100	11.7	11.5	10.2	11.1			
4.4	3.3	3.9	3.9	1	10.1	9.2	9.7	9.7			
4.6	5.9	5.2	5.2	100	8.6	9.3	9.6	9.2			
TOP OF BO	OTTOM FLA	NGE					·				
5.7	6.7	4.9	5.8	N. Carlo	14.1	14.3	13.8	14.1			
8	8	7.2	7.7		15.8	15.3	15.1	15.4			
7.6	8.3	7.6	7.8	8	14.4	13.2	13.5	13.7			
7.3	7.8	8.1	7.7		15.6	15.5	14.6	15.2			
	Primer Coa	t Average	6.9		and the second of the second o	Finish Coat	Average	14.3			

DFT CONTE				200	DFT CONT	ROL AREA	2 FINISH	COAT
80% of Min.((3) = 2.4 1	20% of Ma	x. 8 = 9.6				20% of Ma:	x. (18) = 21.6
Location: SP	AN 2 BAY	′ 11 - OUTS	SIDE MAIN BEA	M	NORTHBO	DUND		
G1	G2	G3	Spot Reading	100	G1	G2	G3	Spot Reading
5.5	7.1	6	6.2		12.5	13.2	12.9	12.9
4.6	4.1	5.1	4.6	1963	10.6	10.5	11.3	10.8
4.9	5.6	4.9	5.1	100	9.3	9.7	10.1	9.7
5.3	5.5	6.7	5.8	200	12.6	12.8	12.4	12.6
4.1	6.5	6.3	5.6	(48.9)	10.9	10.4	10.9	10.7
4.8	4.2	4	4.3	1	10.5	10	11.6	10.7
6	6.2	6	6.1	1000	14.7	15.4	14.7	14.9
5.1	5.6	5,3	5.3	50.45	13.3	13.6	12.6	13.2
4.5	5.6	5.5	5.2	1	12.8	12.9	11.8	12.5
7.9	8.2	7	7.7	N. 1	15.8	16.9	15.7	16.1
5.5	5.4	5.8	5.6	1	13.9	13.1	14	13.7
4.5	5.1	5.4	5.0	285.02	10.5	10.1.	11.4	10.7
Primer Coat Average 5.6				Children consequent construction	Finish Coat	Average	12.4	

Span 2 Bays 10,11,12.13,14 (Full Bays) - Bays 15,16,17 (Partial)

Note 1: In this work area the gage setting include a BMR of 0.75 mils.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONT	ROL AREA	3 PRIME	COAT	34	DFT CONT	ROL AREA	3 FINISH	COAT
80% of Min.				25-0	80% of Min	(9) = 7.2 1	20% of Max	x. (18) = 21.6
Location: SI	PAN2 BAY	11 - WEB F	ACE OF INSIDE	Ξ	MAIN BEAN	I SOUTHBO	DUND SIDE	
G1	G2	G3	Spot Reading		G1	G2	G3	Spot Reading
8.9	8.6	9.3	8.9	20.85	17.4	16.3	16.5	16.7
7	6.9	6.6	6.8		14.4	13.4	12.3	13.4
6.9	8.9	7.3	7.7	1	15.6	15.5	14.9	15.3
8.1	6.9	7.7	7.6	96,000	17.1	15.7	16.9	16.6
7.7	7.3	7.4	7.5	90.25	12.8	12.8	13.4	13.0
5.9	5.3	5.6	5.6	16.00	10.3	11	13.3	11.5
5.7	8.4	5.3	6.5	1	12	12.7	11.7	12.1
4.3	5.4	3.9	4.5		8	9	8	8.3
4.1	5.1	4.4	4.5		8.9	8.9	. 9.8	9.2
4.1	4.3	4.5	4.3	9	8.9	9.1	9.1	9.0
2.8	3.8	3.8	3.5	32	10	8.5	9.8	9.4
			6.1	100				12.2

DFT CON	TROL AREA	4 4 PRIME	COAT	DFT CON	DFT CONTROL AREA 4 FINISH COAT				
80% of Mir	1.(3) = 2.4	120% of Ma	x. 8 = 9.6	SH			x. (18) = 21.6		
Location: S	SPAN2 BAY	13 - CROS	SBEAM SOUTH	END	<u> </u>				
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading		
5.6	6.5	5.7	5.9	12.6	11.9	11.8	12.1		
6.2	5.3	5.4	5.6	11.3	10.6	10.2	10.7		
6		5.1	6.0	11.3	11.5	12.4	11.7		
6.5	5.7	7.7	6.6	12.1	11.8	12.3	12.1		
7.1	6.7	7.6	7.1	13.6	14.1	12.7	13.5		
5.6	6.5	6.6	6.2	12.3	12.8	13.7	12.9		
5.5	4.9	6.2	5.5	11.6	10.2	11.7	11.2		
4.5	5.1	4.8	4.8	12.9	13.2	12.1	12.7		
		Parket had being a state of the see	6.0				12.1		
Location: B	OTTOM OF	TOP FLA	NGE LEFT TO R						
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading		
8.8	7.9	8.1	8.3	11.4	13.9	13	12.8		
4.7	5.9	5.4	5.3	8.1	8.3	8.9	8.4		
5.5	6.1	7.3	6.3	9.4	8.5	10.5	9.5		
5.5	4.6	6.3	5.5	9.5	10.3	10.7	10.2		
			6.3		Segments research reviews	PENNER CHINA TENNER CHIA	10.2		
Location: B	OTTOM OF	LOWER F	LANGE						
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading		
4.8	8.7	8.1	7.2	14.6	12.4	12.5	13.2		
F 4	3.3	4.5	4.4	9.5	9.2	8.8	9.2		
5.4									
4	3.6	4.5	4.0	7	6.9	8.4	7.4		
		4.5 5.6	4.0 5.2	7 10.5		8.4 12.2	7.4 10.8		

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 11/1/06

Additional Dry Film Thickness Readings taken outside the control areas.

Span 2 Bays 10,11,12.13,14 (Full Bays) - Bays 15,16,17 (Partial)

Note 2: Gage setting include a BMR of 0.75 mils.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

PRIME COA				Finish Coat DFTs					
80% of Min.				80% of Min.(9) = 7.2 120% of Max. (18) = 21.6					
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading		
7.2	3.4	3.3	4.6	13.5		16.7	15.3		
4.7	5.8	8.2	6.2	12		9	10.4		
2.9	2.3	3.6	2.9	20		18.7	20.2		
4.6 4.9	5.1	7.2	5.6	15.2		12.2	13.2		
5.6	6.6	5.6	5.7	13.2		14.1	14.5		
5.7	6.9 3.7	5.3	5.9	7.4		6.8	7.7		
8.1	7.5	5.4 7.9	4.9	8.2		12.5	9.3		
3.9	4.4	3.2	7.8	10		10.2	10.9		
3.4	6.7	9.3	3.8	11.4		15	14.4		
9.1	8.7	9.3	6.5 9.0	14.9		19.9	17.6		
7.6	6	6.6	6.7	11.8		13.2	12.2		
6.2	6.1	6.6	6.1	9,2		9.4	9.2		
9.4	10.1	10.5	10.0	13.3		6.8 13.8	7.3		
8.8	10.4	9.7	9.6	16.8		17.5	13.8 16.9		
6.4	8.7	6.4	7.2	11.8		17.5	12.2		
4.3	4.3	5.5	4.7	16.7		15.8	16.8		
7.4	7.7	7.4	7.5	10.7	11.1	10.7	10.8		
6.6	6.7	6.9	6.7	6.7		9.2	7.3		
10.1	7.2	9.7	9.0	7.5		5.2	6.0		
2.7	2.7	5.3	3.6	10.4		14	11.9		
3.2	3.3	2.5	3.0	19.3		20	18.7		
6.1	5.7	5.7	5.8	14		14.8	13.3		
9.2	7.8	6.6	7.9	13.3	11.8	14.3	13.1		
6.1	6.6	5.5	6.1	10.7	9.9	9.3	10.0		
4	4.6	5.1	4.6	21.5	20	10.7	17.4		
5.8	11	7	7.9	11.3	11.8	11.1	11.4		
8	7.7	7.3	7.7	17.2	16.9	15	16.4		
5.6	5.3	6.1	5.7	16.2	16.1	10.2	14.2		
7.7	8	7.8	7.8	14.4	11.1	8.2	11.2		
6.1	8.4	7	7.2	16.8		17.6	17.0		
5.7	5.7	5.4	5.6	12.6	14	14.6	13.7		
7.1	12.2	6.6	8.6	9.3		10.2	9.4		
11.4	7.4	12.6	10.5	8.3	6.5	9.1	8.0		
8.3	7.6	9.1	8.3	13.6	14.3	14	14.0		
5.4	5.3	4.4	5.0	10.4	10.9	10.9	10.7		
3.7	4.6	5.3	4.5	8.5	9.9	12.4	10.3		
6.5	5.6	5.7	5.9	15.5	9.6	11.9	12.3		
7.5	7.6	8.1	7.7	13.7	12.7	13.3	13.2		
3.6	9.6 4.2	7.9	8.5	12.8	16	18.9	15.9		
		3.2	3.7	6	6.5	8.2	6.9		
3.1 4.7	3.4 5.6	3	3.2	11.4	11.8	11.8	11.7		
8.6	6.5	4.4 7.9	4.9	8.9	10.4	8.4	9.2		
0.0	0.0	7.9	7.7	11.3	10	12.1	11.1		

7.2	7.0	7.4	7.5	£ 40.0			40.0
7.3		7.4		12.2		9.1	10.8
8	6	8.2		17.6		16	16.9
7.7		8		13.7		14.9	14.9
6.5		5.7		12		11.2	11.5
8.9		8.6		17.3		14.8	16.1
8.6	5.6	8.5		14.4		14.7	15.1
4.4		4.6		24		23	24.0
5	2.9	5.1		14.8		14	14.3
3.6		5.7		12.9		5.8	10.0
10.3	8.3	5.1		18.2		14.8	15.9
7.6	8.1	7.2	7.6	11.3		10.7	11.3
6.9	5.4	5.1		9.3	 	8.5	9.1
10	8.5	6.5	8.3	8.4		11.2	9.4
7.6	6.1	5.1	6.3	8.5		6.6	8.6
5.3	6.8	5.1		8.1		8.1	7,9
11.7	8.5	7.2	9.1	10.6		11.5	10.6
9.3	9.1	11	9.8	12.4		9	11.7
10	7	8	8.3	9.8		8.3	8.8
11	14	12	12.3	14.4		14.4	14.8
7.3	7.3	4.6	6.4	13.3		13.2	13.3
4.6	3.1	2.8	3.5	11.6		11.4	11.2
3.6	4.4	3.9	4.0	13.9		8.5	11.2
5.6	4.4	6.8	5.6	14.6		14.7	13.9
4.4	5.5	3.5	4.5	10.5		10.2	10.5
3.7	3.7	4.6	4.0	9.9		12	10.2
5.37	6.5	5.6	5.8	20		17	20.0
9.3	11.7	8.7	9.9	9.3		10	9.6
4.1	6.9	6	5.7	10.4		7	8.0
10.3	10.3	10.1	10.2	13.7		11.7	12.8
10.2	7.8	8.1	8.7	9.3		13.8	11.0
13	9	10	10.7	9.9		8	9.1
9.6	11.4	12.6	11.2	23		22	23.0
9.9	10.8	13.9	11.5	16.7		16.6	16.4
3.4	3.5	4.4	3.8	11.2	12.5	13.7	12.5
12.1	15.1	9.9	12.4	15		15.1	14.3
8	6.7	4.9	6.5	17.4		15	15.1
10.1	11.9	12.7	11.6	12.8		13.8	12.7
10	8.2	8	8.7	16		12.2	12.9
8	5.1	4.1	5.7	11.9		12.9	11.9
7	11	6.2	8.1	5.7	7.2	8.6	7.2
6.4	5.4	9.6	7.1	7.4	7.7	9.2	8.1
3.4	5.4	5.1	4.6	10		11.7	11.1
	D: C			12.3	12.8	12.6	12.6
	Primer Coa	t Average	6.9	9	10.6	12	10.5
Ī				10.5		9.9	10.7
l .				13.7	10.7	11.7	12.0
			were sprayed	9.6	10.2	9.2	9.7
with addition	nat material.			11.5	13.4	12.9	12.6
			8	11.7	13.6	17.9	14.4
İ				14.5	14.7	11	13.4
l				18	21	20	19.7
			8	13.5	12.9	14.7	13,7

		Finish Ave		12.8
Š.	17			10.0
SECTION SECTION	17	15	15.4	15.8
Ö	13.6	14.2	14	13.9
	11.2	9.8	12.3	11.1
2	14.8	17.2	17.1	16.4
	16.4	16.5	15.5	16.1
100	12.9	18.2	17.5	16.2
	10.2	10.7	11	10.6
	10.6	9.2	8.9	9.6
325C	18	21.5	22	20.5
	15.6	15.6	15.6	15.6
	17	13.6	17.9	16.2
	12.5	11.6	13	12.4
1450 E	12.2	15.1	14.9	14.1
	8.5	11.1	8	9.2
	16.5	16.6	17.2	16.8



Coating System Inspection Report

SÈW ACCEL	ERATED S	USTEM S	らかりりー	CALIF	ORNIA	AVE	i BRIDO	6 <i>G</i>	
	GENE	RAL INFORMA	ATION		•	Sheet	/ of	IR No.: 2 Z	
Client: SHERWIN	WILLIAMS	Contractor:	ORCOM			Inspe	ctor: C.	STUART	
Client Contact: mAR	KHUDSON	Supervisor/Fo	oreman: Mile	E MAI	LLIS	KTA J	KTA Job No. 260259		
Project:		Crew Start:	Stop:	p: NO WORK Date:				06	
Shift: DAY		Inspector Sta	rt:/v:00 Stop	3:00 F	m	Day:	THURS	DAY	
Work activities perforn	ned today: ん	o PROD	DUCTION	PERFO	RMEL	707	DAY		
Span Show location on drawin	o):		Bay (Show location	on drawing).					
Control Panel Placeme	ent ☐ Ye	s 🗌 No	Rigging / Co	ntainment [lf					
(Show location on drawing	g):		containment / removal tim		d installati	ion			
			(Show location						
		Λ	ABRASIVE B	LASTING					
Start time:		Stop t				Rework t			
Number of blasters:		Square fe			1 1 1	otal Mani of men x			
			COATING APP	LICATION					
Manufacturer / Product Name	Quantity Mixed	Batch	Number of	Application		idation	Down time	Reason for	
Product Name	(Gallons)	No.\	Applicators	Start Time	e / Star	t T ime	time	downtime	
					I				
Recoat Times	Coat 1:	1	Coat 2:		Coat	3:-	-		
D	RY FILM THIC	(NESS \		1		TRAFFIC	CONTROL	-	
	Minimum	Maximum	Average	7		Start	Stop	MPT Time	
Coat 1	1	******	$\bigvee f$	Road Clos	ure				
Coat 2	1 Y			Comments	3:		L	Marke Western	
Coat 3						/			
	······································	S	TAFFING/EC	UIPMENT	··········				
No. of Workers			Hou		l Hours		Lòsat	ion and	
or Equipment	Type of	Equipment	Use	ed U	Ised		Descripti	on of Work	
							******	$\overline{}$	
								$\overline{}$	
		•			· · · · · · · · · · · · · · · · · · ·				
Comments: Useke	D 1.50-11 T	77(1x) "7 ^ ^	100001/10	-11 De 0=	2 \ . (1/2 ~	(MO .)	
30,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	D WITH I	JUHIO ZAPI	MOSKY CH	SN DO! LEF	P. JON	00((MICIVIA	, 1000	
			, , , , , , , , , , , , , , , , , , ,	······································					
Inspector: 🧷 🛫	TUART		,	Reviewed E	Зу:				
Signature: C	uait?	Date: ////	106	Signature:				Date:	
Distribution:	Client		Contractor		☐ KTA F	M		Other	

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Coating System Inspection Report

_S&W ACC	ELERA	TIED	SYSTE	m ST	JDY	-CAL	IFO	RNIA	AVE. [BRIDGE	
	SYSTEM STUDY - CALIFUR RAL INFORMATION						Sheet / of IR No.: 23				
Client: SHERWIN WILLIAMS			Contractor: CoRcom					Inspe	Inspector: C. STUART		
Client Contact: MARK HUDSON			Supervisor/Foreman: MIKE MAILLIS					KTA J	KTA Job No. 260 259		
Project:			i Crew Start:	51	:מכ			Date:	Date: 1//3/06		
Shift: DAY			Inspector S	tart: / 0!00	Stop:	4100 PM		Day:	Day: FRIDAY		
Work activities perfor	med today	r NO	PEDD					DAY			
Span				Bay							
(Show location on drawing): Control Panel Placement		(Show location on drawing): ss \(\sum \) No \(\text{Rigging / Containment [If mobile} \)									
(Show location on drawi	(Show location on drawing):		containment used – record installati				ion'				
				/ removal times - (Show location on drawing)]:							
	·		****	ABRASI							
Start time:	·		Stop	time:	1		-	Rework t	ime:		
Number of	/		· · · · · · · · · · · · · · · · · · ·	feet blast			Total Manhours				
blasters:			clea	ined:			(# c	of men x	hours)		
				COATING		CATION					
Manufacturer / Product Name	Quar	Nity	Batch	Numbe				ication	Down	Reason for	
Product Name	(Gaile		No.	of Applicat		Start Time	Star	t Time	time	downtime	
	(00	1	$\overline{}$	Арриоце	713						
Recoat Times	Coat 1	: +		Coat 2:	$\overline{}$	\	Coat	3.		A44.44 A44.	
	DRY FILM	TUCK	(MECO)		4	\			2011701		
····	Minim		Maximum	1 0	_ \		-//		CONTROL		
	ivillilii	uiii	waximum	Averag	e /		$/\!\!/$	Start	Stop	MPT Time	
Coat 1					7	oad ¢losur		$\overline{\downarrow}$			
Coat 2		"		V	Ò	omments:					
Coat 3						- 1		J			
		·	*****	STAFFING	/EQU	PMENT	-				
No. of Workers			***************************************		Hours	Total F	lours		Locati	ion and	
or Equipment	or Equipment Type o		f Equipment U			ed Used			Description of Work		
									$\overline{}$		
Comments: 10300	> ARR	(UFD)	AT PEN	ST TOO) ILER	é woa	250 C	IN PA	COJECT 1	DOCUMENTATIC	
DEPARTED A	T 4:0	oPm	1								
-											
	SAUTO	. T			Re	viewed By:					
Signature:	twoil		Date: ///	1/06	Sig	nature:				Date:	
Distribution:	istribution: Client			☐ Contra	ctor		KTAP	M		Other	

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accurate. This inspection report shall not be reproduce	ed, except in full, without the written approval of	KTA Tator, Inc.
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Coating System Inspection Report

SEW ACC	LERATE	S G	SYSTEM.	STUD	4-	CA	LIFORN	IA AC	E. BR	PIDGE		
GENI			RAL INFORMATION						Sheet		IR No.: 24	
Client: SHERWIN WILLIAMS									Inspe	Inspector: C. STUART		
Client Contact: MARK HUDSON			Supervisor/	Supervisor/Foreman: MIUS MAILLIS						KTA Job No. 260 259		
Project:	Crew Start: Stop:					Date: //4/06						
Shift: NIGHT			Inspector S	tart: 332	PMSto	p: //	120		Day: SOTURDAY			
Work activities perfo	rmed toda	y: Sv	PFACE PREP	PARATIL	321:	APPL	CAMION O	FPR		AT	CIPIT	
					_							
(Show location on drawing): Control Panel Placement Y			AND [Bay 15,16, (Show location Rigging / Col			ל כר"ו (n on dr	ارکا Awing):					
						ontainment [If mobile						
(Show location on draw	ing):			conta	inment oval tin	used	 record in 	nstallatio	on			
					ovai tin / locatio		awing)]:					
	ar ta tank	444 [13]			SIVE			sylvest is	Ajda, Al	1907	i mara <u>jili</u> kulawa	
Start time:	_1!301	7M	Stop	time:		7:	18 Pm	R	ework t	ime:	30 mW	
Number of	4				et blast		400		otal Manhours			
blasters:	<u> </u>	á sussu	clea	ned:			•	(# 01	men x	hours)	1	
Manufacturer /	Quar	414.		COATI		-				<u> </u>		
Product Name	Mix		Batch No.	1	nber of		olication art Time		cation Time	Down time	Reason for downtime	
	(Galle	ons)		Applic				5008	7		downtaine	
SEW CORSTHANE I	18		0x2616F R1236	2		8	120/2/1	9:4	15 PM	0		
Recoat Times	Coat 1	:	NA	Coat 2	<u>::</u>	+	NA	Coat 3		N	a —	
	DRY FILM	THIC		in the				-4. 10 T	RAFFIC	CONTROL		
	Minim	um	Maximum	Aver	age				Start	Stop,	MPT Time	
								Fi	CIDAY	SOT		
Coat 1						Roa	d Closure	7:	Myod	4:00Pm	45 HRS	
Coat 2	Coat 2					Comments:		100	NOZHHBOUND LANE			
Coat 3				i		1						
What is a second	1 20 1	1		STAFFI	NG/FC	HIP	#ENT			*		
No. of Workers		********	****	9171111	Hou		Total H	OUTS	******************	Locat	tion and	
or Equipment		Type of Equipment			Used Use							
7 MEN												
15077	(SEE	TRI	6, SHEET	3)						-		
(FOREMAIN												
(mec+					~							
4 PAINTERS									-			
Comments: ARRIC	(ED 0 a	JS	TE AT	Z:301	om I	CVB	CA 61 15	.571	c 214	187 CCE	Galinia.	
WORKED ON D	NUME	ATA	10 1)	<u> ۱ پارت . د ک</u>	,	<u> </u>	2010	ع،،ر،د	C 1540	101 000	770.100551	
6:00 PM (NSPE	(G=00	3,000	TOFAM	N/6- 0	OTE	1 70	144) 7	11105	1116	DEADOT	DEFICENT	
AREAS WE	SRE M	A Rize	11 (10) (E	CHALL	I FO	15 19	F 100	5 K.	MEG	KUPKI)	SUPFACE	
PROFILE U	THI	ES7	X TAPE.	_ PPost	FILE	15	4.5 m	16	ر ال	<u> رابات</u>	1007/00	
7:18PARE-10S	PECTED	B/	ast & To	HN Z	2AM	0511	Y ACC	CPTE	D T	WE SUL	PFACE	
CCEANLINES	5. Co.	724	157012 BC	المدندن	<u>s. S.</u>	28c	TRATE	FOR	PRIN	25 Chill	APPLICATION	
Inspector: C.	Shart	-					ewed By:			,	. 1/1	
Signature:	Huon	į.	Date: 1//	1/06	-	Signa					Date:	
Distribution:	Je	ient		Cor				KTA PI			Other	

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SEW ACCELERATED SYSTEM STUDY - CALIFORNIA AUE-BRIDGE

roject:	Complete items below w	vhen requi	red by score of s	eet 2 of IR No.: 24
	STAFFIN	IG/EQUIPN	IENT	
	(List separately: Subcontractors, (otest Work)
No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Location and Description of Work
	is a control of Equipment	0364	Useu	Description of Work
			<u> </u>	
				· · · · · · · · · · · · · · · · · · ·
			+	
			 	
	Ço			
1:45 15T m	IXOF SEW COROTHANE 1	7000	PRIMER - 1	ZOR ACCELERATOR AN
8020	F#15 REDUCER ADDE	D. MA	ITL, TEMP 5	5°F,
	(APPLICATION (AIRLESS)			
8:20 SYRAY	(APPLICATION (AIRCESS)	(Commi)	enced (2	SPIRAT WIEW)
Control Day	ME COAT APPUCATION	O D / E	THE AINS	TRIPE COATING
		Compre		\$ / (C(
	OBSERVED.			r
pm D-0	PRIED JUBSITE - DAV	E HATH	ERHILL, COR	CON ASKED THAT
10.30 DEPA	ARTELL DOB STILL - 1316	20	- AT 6	ODAM.
ISS	TURN TO EVALUATE ?	KIME (COMINI O	

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Daily Painting Inspection Report

SEW ACCERPATED SYSTEM STUDY - CALIFORNIA AVE. BRIDGE.

2 Em 4100						<u> シャ</u>	_ (PLIT					
	<u> </u>		Sheet 3 of IR No				₹No.: Z	4					
Client: SHERWIN WI										Inspector: C. STUART KTA Job No. 260259			
Client Contact: MARIC H	NOZOU	N Supervisor/Foreman: MIKE MAILLIS							KTA	Job No	. 260	259	
Project:		1	v Start:			Sto			Date	: ///	4/06		
Shift: NIGHT		Inspe	ector S	tart: 3	30 Pr	1	Stop: /	10530 F	M Cal	M T W TH F S S			
Work activities performed					COAT	APPLIC A	7102						
	. ,				IENT C								
Location	Time	DB F°	WB F°	RH %	. 1		+/-	1	Direction Speed			Operations Performed	
PAMP	2:32	jο	41	43	29	57			DO 5			SURFAC	
RAMP	3:30	48	39	41		54			<u>0</u> 5	CI	EAR	PROP	ج
CONTAINMENT	6:25	68	50	23	29	53			05		EAR	PRIME	
						<u></u>	+	- 			O.)(COAT	
							-	 		 			
	<u> </u>			SURF	ACE PF	REPAR	RATIO	٧					
Item(s) Prepared or Item					Z 3445		17,18,	بالمثار					
(Sketch location on T3060-e) Operations Reviewed or		rmed		SPAN Sat	Uns		N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared						-	-						
Condition of edges, weld s	patter, fins,	slivers,	etc.		-	\dashv			-				
Grease, oil, contaminant re	emoval			-	+					· ·			
No visible moisture	 "					\dashv			l				
Protective coverings in pla	ce				_						-		
Dust and abrasive remova	ı -				-								
Clean and dry abrasive					1								
Other:			-	<u> </u>	+		$\overline{}$		-				
Compressed Air Cleanline	ss Loca	tion / T	ime	יום ד	EN B	- τ	· 71	n Oski	اـــــا نا				
	Resi	ılts		11910	913		124	" USE					
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(affix testex tape to report)	Actu	al			41,8			l					
Soluble Salt Contamination	n Spec	cified				Δ.							
☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other:	Actu	al (μg/c	m²)								<u> </u>		·
Method of Surface Prepara			· ' · ·	ng □ I	Hand to	ol 🗆	Power	r tool 🗆	LPWC 🗆	HPWC	UHPV	VJ □ Oth	er:
& Equipment		y descri		-									
Abrasive Media Manufactu	гег: Туре	7	REE	D BLAC	KBENUT	Bas	e Meta	l Reading	g (BMR)	Reco	rd in mils	.7	5
	Size	1		240	· · · · · ·		zle Air	or Water	Pressure	Reco	rd in psi	NI	
Inspector: C S	TUMRT	_	<u>-</u>			Re	viewed	Ву:		<u> </u>		<u> </u>	
Signature:	nout	Date	e: //,	4/04	0	Sig	nature):			D	ate:	
Distribution: Client Contractor KTA PM Other													

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SEW ACCELERATED SYSTEM STUDY - CALIFORNIA AUE BRIDGE
Name: C. STUART | Date: 11/4/06 | Sheet 4) of | IRNo.: 21 Project: 1R' No .: 24 COATING MATERIALS Mix Manufacturer/Product Quantity Component A Component B Component C Name Mixed Batch No. Batch No. Shelf Life 5&WBBTHANE I Shelf Life Batch No. Shelf Life <u>364</u>L 0×2616 F NA Acc R1236 2 3 ٠ (ſ. 6 ŧį 6 ı t ¥ζ MIXING DATA Mix Thinner % Thinner Added Mixed Time Induction Type or Name Pot Mix Witnessed Batch Specified Coating Actual of Life Yes No Sat Unsat Temperature 56 W NO. 15 REOKER Mix (SP) (SP) 1090 55° 802 7:45 NA Acc ιι ٠, 8105 NA 16 AKC ~ 3 L(54° . 1 8120 c (NA ACC 4 540 ϵf 858 NA ١, ι (ACC 5 ., 55° 9:15 NA 11 Acc / 6 l e " COATING APPLICATION 9:30 PM ACC £ 4 Item Prepared or Item No.(Note location on T3060-e) BAYS 15,16,17,18,19 Coating being applied (primer, mid, top, touch-up) PRIMER Mix Number 6 Type of Application Equipment ☐ AS ☐ CS ☐ HVLP ☐ PC ☐ Brush ☐ Roller ☐ Other

Time from surface preparation to coating application AS 45min 8:20th 9:45pm Time of Application (Start/Stop) Compressed Air Location / Time Cleanliness Results Caulk or sealant Type: required Location(s): ☐ Yes Operations Reviewed Sat Unsat N/A Sat Unsat N/A Sat Unsat N/A Pot Agitation Protective Coverings in Place Surrounding Air Cleanliness Intercoat Cleanliness Recoat Times Observed Stripe coat applied Visual Appearance (runs, drips, sags, etc.) WET FILM THICKNESS MEASUREMENT SUMMARY (If applicable) Range Specified Range (actual) TAKEN BY COUTPACTOR Average (actual) Based on the information above: Unsat N/A Sat Unsat N/A Average within the range specified Sat Unsat

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	This is a second and of the KIA insp	pector. It provides a record of measurements and/or obcor-	rofin - 1 1 to 1
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N/A

Project:	Name:	C.STUAR		Date: 11/4/06	Sheet	5 of	IR No.: 2
Instruments		Serial No./	Гуре	institutients		Sei	ial No. / Type
Psychrometer		81942/BA	ACH.	Wet Film Thicknes	s Gage		
Surface Temperature The	mometer	173764 / A		Dry Film Thicknes	V A		
Paint Thermometer		K-82294 /		Calibration Plate(s	<u>;)</u>	+#-/-	1/
Comparator				Tooke Gage		+1~	V J
Testex Tape (affix tape)		C PG XC >		Holiday Tester		-	
Micrometer		176304					
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Coating System Inspection Report

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	GENE	ERAL INFORM	MATION					Sheet	t / of	IR No.: 25
Client: SHERWIN	WILLIAMS	Contractor:	CURCO	1				Inspe	ctor: 🕜 _	STUART
Client Contact: MARA	ic Huisson	Supervisor/F	Foreman:	MI	KE M	AILL	15	KTA.	Job No. Z	00259
Project:		Crew Start:	St	Stop:				Date:		
Shift:		Inspector St	art: 6:07	Stor	p: 3:3	OPPN		Day:	SUM	744
Work activities perform	med today: DF	TMEASURE	<i>meuts</i>	ري ن	PRIME	COIA	T S A	PPLY	FINISHO	20147
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Control Panel Placem (Show location on drawin	nent 🔲 Ye	es 🖳 No	Rigging	g / Co	ontainmen	it [If mo		7	NAME	EN IN PLACE
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		···	(Show lo	ocation	n on drawir				JUL 4:0	THOUSE MAS
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Start time:	h / 1/	<u> </u>	time:	\perp	<u></u>			Rework t		
Number of blasters:	<u> </u>		feet blast aned:	L	NF	-		tal Man		WH
			COATING	à API	PLICATIC	N				
Manufacturer /	Quantity	Batch	Numbe	er	Applica			ication	Down	Reason for
Product Name	Mixed (Gallons)	No.	of Applicat	4000	Start 1	ime	Start 570	t Time	time	downtime
SEW FASTCUAD		A10X275660 B1 R2446	Applicat	.015	1017	- Am	- 11-	30 AM		·
Recoat Times	Coat 1:		Coat 2:		1000	10	Coat	<u>50</u>	0	
		NA	Coal Z.		121/2	ر ۱۲۲۷			NA	
	DRY FILM THICK				↓				CONTROL	
	Minimum	Maximum	Averag	је				Start ≀DA√	Stop Sun	MPT Time
Coat 1	2.7	16.5	7,6		Road C	losure		100 PM 4:00 PM		45
Coat 2 TOTALS SEM	70.3	34.6	17.0		Comme	ents:			<u> </u>	
Coat 3 TOP COAT	TOPTS TAKEN				ĺ					
	14-11		STAFFING	G/EC	JUIPMEI	NT				
No. of Workers	7			Hou		otal H	ours	***************************************	Locat	ion and
or Equipment	Type o'	f Equipment		Use	J.	Use		Description of Work		
										
		,								
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BY JOHN ZAM	nasky.					-110				
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	TERUTE				Reviewe	<u>_</u>				
	Studies	Date:			Signature					Date:
Distribution:	Client		☐ Contra	actor			KTA PI	M		Other

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KTA Coating System Inspection Report 2006	©Copyright KTA-TATOR, INC. 2006	S-W Project

Project:	Name: C. STUART	Date	11/5/06	Sheet 7 of	IR No.: 25
	Complete items below v	hen requir	ed by scope o	of services	
	STAFFIN	G/EQUIPM	=N7		
No. of Workers	(List separately, Subcontractors, t	hange Ord Hours	ers, I&M, and Total Hours		in 2055/36/30
or Equipment	Trade or Type of Equipment	Used	Used		ition and tion of Work
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Daily Painting Inspection Report

fax 412-788-1306 ACCELERATED SYSTEM STUDY - CALIFORNIA BRIDGE GENERAL INFORMATION Sheet 2 of IR No.: 25 Inspector: Q. STUART Contractor: Corcon Client SACRUIN WILLIAMS KTA Job No. 260259 Supervisor/Foreman: MIKE MAILUS Client Contact: MARK HUDSON Project: Crew Start: Stop: Shift: DAY Inspector Start: 6-00 AM Stop: 3:30 PM Work activities performed today: AMBIENT CONDITIONS Location Time ST Wind Direction Weather Operations F٥ F۰ & Speed Conditions Performed % 49 DETINSP. CONTAINMENT 6:45 38 46 40 CALM CLOUDY 51 70PCUATAPR 7:45 48 • 48 50 57 39 ŧί 10:16 67 51 30 34 59 SURFACE PREPARATION Item(s) Prepared or Item No. (Sketch location on T3060-e) N/A Operations Reviewed or Tests Performed N/A Unsat Sat Unsat N/A Sat Unsat Sat Test section prepared Condition of edges, weld spatter, fins, slivers, etc. Grease, oil, contaminant removal No visible moisture Protective coverings in place Dust and abrasive removal Clean and dry abrasive Other: Compressed Air Cleanliness Location / Time Results Degree of Cleanliness Specified Actual Surface Profile Specified (affix testex tape to report) Actual Soluble Salt Contamination Specified ☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other: Actual (µg/cm²) ☐ Abrasive Blasting ☐ Hand tool ☐ Power tool ☐ LPWC ☐ HPWC ☐ UHPWJ ☐ Other: Method of Surface Preparation & Equipment Briefly describe equipment: Base Metal Reading (BMR) Record in mils Abrasive Media Manufacturer: Type Record in psi Size Nozzle Air or Water Pressure Reviewed By: Inspector: Signature: Signature: Date: 11 Date: 5/06 Contractor Distribution: KTA PM Other Client

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Project:	Name	C.STU	A RT	Date: ///	5/06	Sheet 4	of	IR No.: 25
Instruments		Serial	No. / Type	Instrun			Seria	No. / Type
Psychrometer		8194	Z / BACH	Wet Film	Thickness	Gage		
Surface Temperature	Thermometer		64 / ATKIN	`	Thickness	- 1	11-010	13/ POSITECTOR
Paint Thermometer	· · · · · · · · · · · · · · · · · · ·		294 /TAYLO	٠ _ د	on Plate(s)	- 1	K-869	
Comparator		S SH	G/S	Tooke G			17612	6 / KTA
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CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Measurements 11/5/06

Span 2 Bays 15,16(Full Bays) - Span 1 Bays 17 (full) 18, 19 (Partial).

Note 2: Gage setting include a BMR of 0.75 mils.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONT				DFT CONTROL AREA 1 FINISH COAT						
80% of Min	(3) = 2.4 1	20% of Ma:	x. 8 = 9.6	8	30% of Min	$(9) = 7.2^{\circ}$	120% of Max	x. (18) = 21.6		
Location: S	PAN 1 BAY	′ 18 MAIN E	BEAM SOUTHBO					, , , , , , , , , , , , , , , , , , , ,		
G1	G2	G3	Spot Reading	200	G1	G2	G3	Spot Reading		
5	5.4	5.3	5.2							
3.1	4.2	5.8	4.4	Πι	Jnable to t	ake top coa	t readings a	ccurately.		
2.5	3	2.8	2.8	[[Contractor	painted ove	r location m	arkers.		
4.5	5.5	5.4	5.1	200						
3.6	4.1	6.4	4.7	70,000						
3.1	3.9	3.2	3.4	ő						
5.4	6.3	5.8	5.8							
5.9	4.4	5.8	5.4	2520						
3.9	4.2	3.9	4.0	244						
4.3	4.1	3.6	4.0	2						
5	4.2	3	4.1	55,00						
4.9	5.2	4.1	4.7	17.44						
воттом с				2000						
8.2	9.2	9	8.8	i.						
10.3	10.2	10.8	10.4	200						
8.9	7.4	9.4	8.6	3.45						
9.5	8.9	9.7	9.4							
TOP OF BC	OTTOM FLA			100						
3	4	3.3	3.4	73 mile						
4.2	4.4	5.3	4.6	(000)						
6.2	5.3	5.5	5.7	120.00						
4.6	4.6 4.2 5.7 4.8									
ļ i	Prime Coat	Average	5.5	diam'r.		Finish Coa	Average	N/A		

DFT CONT	ROL AREA	2 PRIME	COAT	DFT CONTROL AREA 2 FINISH COAT							
80% of Min	(3) = 2.4 1	20% of Ma	x. 8 = 9.6	80% of Min.(9) = 7.2 120% of Max. (18) = 21.6							
Location: S	PAN 1 BAY	′ 18 - SOUT	TH CROSS BEAN	1							
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading				
5.5	4.8	4.1	4.8	15.2	16.2	15.8	15.7				
4.6	6.1	5.8	5.5	15.4	16.8	16.1	16.1				
4.8	4.3	5	4.7	14.4	13.8	16.1	14.8				
5.1	5.1	5.3	5.2	16.3	17	17.2	16.8				
4.1	4	4.5	4.2	16.2	17	15.5	16.2				
5.3	4	4.5	4.6	16.8	15.9	18	16.9				
2.9	2.4	3.3	2.9	14.1	13.9	14.6	14.2				
4.5	4.1	4	4.2	13.5	12.7	12.9	13.0				
TOP OF BO	TTOM FLA	ANGE		N.							
5.1	4.5	3.7	4.4	14.4	14.7	13.7	14.3				
2.6	3.2	4.8	3.5	13.8	15.9	14.1	14.6				
2.9	3.6	6.9	4.5	12	14.5	14.1	13.5				
5	4.5	6.6	5.4	17	18	18.5	17.8				
·	Prime Coat	Average	4.5		Finish Coat	Average	15.3				

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Measurements 11/5/06

Span 2 Bays 15,16(Full Bays) - Span 1 Bays 17 (full) 18, 19 (Partial).

Note 2: Gage setting include a BMR of 0.75 mils.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

PRIME CO.				Finish Coat DFTs								
80% of Min				400	80% of Min.(9) = 7.2 120% of Max. (18) = 21.							
G1	G2	G3	Spot Reading		G1	G2	G3	Spot Reading				
3.2	2.5	2.5	2.7	Ĭ,	15.8	16.1	16.2	16.0				
5.4	3.8	4.2	4.5	188	11.8	12.5	11	11.8				
3.1	8.8	7.2	6.4		16.9	15.6	18	16.8				
5.3	8.8	3.5	5.9		19.7	16.2	17.7	17.9				
8.5	6.6	7.2	7.4	120	18.9	17.4	17.5	17.9				
8.4	6.7	6.3	7.1	32	14	13.9	13.4	13.8				
3.4	4.1	4.2	3.9	8	19.8	19.6	17.9	19.1				
4.1	3.7	4	3.9	4.	20.4	17.6	15.9	18.0				
8.7	8.8	8.3	8.6		12.6	13.7	11.8	12.7				
4.9	6.2	3.6	4.9	1	15.9	16.8	15.9	16.2				
6.1	4.5	4.6	5.1		15.5	13.8	13.4	14.2				
3.6	3.2	3.6	3.5		16.3	15.7	17.5	16.5				
8.1	7.5	8.7	8.1	50808	17.6	18	20.7	18.8				
7.6	6.2	5.5	6.4		13	13.4	12.2	12.9				
4.6	4.6	5.6	4.9		20.5	18.7	19.8	19.7				
7.6	6.2	6.1	6.6	1	21.7	21.2	19	20.6				
5.8	5.4	5.4	5.5	\$	15.4	12.7	16	14.7				
5.1	5.6	5.7	5.5		21.9	14.2	21	19.0				
6.5	4.4	5.9	5.6	0	32.6	29.1	32.7	31.5				
7.5	9.7	12.8	10.0		23	24.8	29.6	25.8				
5.6	8.2	7.6	7.1	1	17.3	16.2	20.1	17.9				
5.6	6.5	7.7	6.6		19	19.5	19.8	19.4				
8.5	5.1	6.2	6.6		35.3	34	34.6	34.6				
11	12.3	13.3	12.2	27.75	32.9	31	28.5	30.8				
6.8	8.4	7.5	7.6		19.6	18.1	16.8	18.2				
9.6	7	8	8.2		23.5	21.2	23.5	22.7				
12.6	11.8	14	12.8		21.8	18.9	22.6	21.1				
6.7	7.2	7.1	7.0		26.5	23	28.5	26.0				
12.1	11.4	9.7	11.1	ŝ	21.7	25.3	23.8	23.6				
8	5.5	7	6.8		25	26.9	27.9	26.6				
12.6	11.4	12.4	12.1		24.2	26.7	25.9	25.6				
7	8.4	7	7.5	1	21.7	22	18.8	20.8				
7.7	7.8	8.1	7.9		13.4	13.8	13.6	13.6				
12	12.4	9.1	11.2	1	14.1	12.7	13.1	13.3				
4.5	3.9	4.7	4.4		15.2	14.3	17.4	15.6				
4.4	7.9	5.3	5.9		17.4	16.2	14.2	15.9				
9.1	9.7	8.3	9.0		15.4	13.5	14.1	14.3				
9.5	8	8.3	8.6	1	17	16.1	16	16.4				
7.6	12.9	10.3	10.3		16.2	16	15.8	16.0				
6.8	6.7	7	6.8	200	17.8	22.2	23.2	21.1				
5.7	6.7	5.4	5.9		22	24.3	25	23.8				
4.6	5.4	7.2	5.7	1	30	35	37	34.0				
7.2	8.8	7.1	7.7	1	28.7	24.8	24.6	26.0				
12	11	12.6	11.9	1	29.6	27.4	32.3	29.8				

7.4	45.0	44.6	44.0	125	I - 45	44.0	40.4	440
7.4	15.6	11.9	11.6	- 14	15	14.6	12.4	14.0
5.2	7.7	5.1	6.0		20.6	19.2	21.4	20.4
14	15	13.5	14.2		30.9	33.7	30.2	31.6
9.6	10.9	10.4	10.3		31.1	34.1	32.2	32.5
8.5	9.4	10.1	9.3	- 0	20.4	17.4	19.2	19.0
8.4	8.3	8.7	8.5	-	20.6	19.2	17.5	19.1
7.2	7.7	5.5	6.8	S	18.6	17.6	21.3	19.2
11.9	11.9	10.7	11.5	2	21.4	23.3	21.3	22.0
8.5	7.7	7.9	8.0	<u> </u>	24.2	24.5	23.5	24.1
11.2	16	4.9	10.7	(5)	10	11	10.9	10.6
11.8	6.2	4.9	7.6	(2)	19.8		19	19.1
4	7.3	5.3	5.5	55 55	27.8	28.4	27.6	27.9
9.2	8.1	10.6	9.3	- 65.	13.6	15.8	16.4	15.3
10	12	12	11.3	- 3	14.4	14.8	16.8	15.3
11	12	12	11.7	10	24.6	21.3	25.7	23.9
9.8	8.2	8.9	9.0	140	26.4	27.6	25.3	26.4
8.1	7.6	6.8	7.5	100	14.9	16.6	17	16.2
13.4	13.4	14.1	13.6	2	15.1	15.8	13.3	14.7
6.4	7.4	6.8	6.9		16.4	15	17.7	16.4
6.2	6.2	7.5	6.6		14.1	12.1	13.7	13.3
12.7	13.3	12.2	12.7		22.9	20.1	20.6	21.2
6.2	8.4	6.8	7.1		16.9	20.9	21.9	19.9
5.8	7.3	8.2	7.1	10	18.1	20.8	20.9	19.9
9.1	10.3	9.1	9.5	100	23	24.8	24.9	24.2
6.6	6.5	6.4	6.5	Ş	16.7	16.6	16.2	16.5
10.7	10.6	7.3	9.5	300	18.8	18.5	16.4	17.9
6.7	9.2	8.1	8.0	ŝ	14.8	14.8	15.4	15.0
8.9	7.8	7.9	8.2		11.7	12.5	12.3	12.2
7.5	7.5	8.3	7.8		20.3	17	14.2	17.2
14.4	15	15.8	15.1	85.	31.5	31.2	32.6	31.8
7.9	7.8	8	7.9		18.5	17.7	18.3	18.2
7.1	7.1	7.6	7.3	ő	15.2	15.3	15.7	15.4
4.4	6.2	6	5.5		14.8	13.2	15.7	14.6
6.7	7.3	6.2	6.7	16	12.9	10.8	10.2	11.3
3.9	6.3	2.5	4.2	86 860	11.9	11.5	14.5	12.6
4.6	4.8	4.5	4.6	255 255 277	13.7	15.5	14.9	14.7
7.5	7.2	7.2	7.3	83	13.7	15.5	14.9	14.7
7.7	8	7.8	7.8		16.7	18.7	17.8	17.7
9.6	6.1	5.7	7.1	- [2]	10.2	10.5	10.1	10.3
4.3	5.7	6.4	5.5		12.7	11.4	13.1	12.4
8.8	5.2	7.6	7.2	2	16.5	16.4	17.5	16.8
8.6	11	12	10.5	95 25	21.3	20.7	20.8	20.9
14.7	15.1	14.5	14.8	3	17.7	17	16.3	17.0
15	18	16.6	16.5	. 30°	13	13.6	13.2	13.3
6.5	6.7	7.3	6.8	8	14.1	15.5	15.7	15.1
5	8.8	7.9	7.2	8	18	18.6	22.2	19.6
7.7	7.7	7.5	7.6	- 14	14.4	13	12.7	13.4
6.3	5.6	6.9	6.3	Ĭ.	12.3	11.9	11.1	11.8
6	6.9	6.1	6.3		9.1	15.2	12.3	12.2
5.2	6.5	4.2	5.3	22 84	14.4	14.3	15.1	14.6
7.2	6.4	4.3	6.0		11.1	11.1	11.5	11.2

				1970				1.2
4.4	9.5		7.1		11.9	9.6	10.4	
5.3	6.9		6.6	F	20.6	21.1	23.3	21.7
5.1	5.4		5.4		32	26	28.5	28.8
2.6	2.8	2.5	2.6		17.8	18.6	14.7	17.0
8.7	7.8		7.7		14.9	16.3	15	15.4
6.9	6.2	7.5	6.9	80	23.8	23	24	23.6
8.5	11	9.3	9.6	8.	13.5	14.6	19	15.7
3	4.2		3.4		18.5	15.4	16.5	16.8
4.9	4.7	4	4.5		19.7	15.8	19.2	18.2
4.3	3	3.9	3.7		11.6	12.2	11.6	11.8
6.3	5.5	4	5.3	8	12.8	15.2	11.9	13.3
7	7.1	8	7.4	\$6. \$4.	18.8	18.1	16.9	17.9
6.6	8.6	7.8	7.7					
4.4	5.7	9.7	6.6	100				18.7
7.2	6.5	6.5	6.7	72 22 24 24				
8.3	8.1	7.4	7.9	Š				
5.4	5.4	5.9	5.6					
4.5	5.4	6	5.3	250				
6.1	5	6.4	5.8	\$\$ 65				
7.6	6.8	8.8	7.7					
5	7.6	5	5.9	35				
8.2	9	7.4	8.2	8				
5.8	6.7	6.4	6.3	\$0 \$1				
9.1	10	8.5	9.2	92 60				
5.9	6.6	6.2	6.2	8	1			
13.5	14.5	13	13.7	85°				
5.8	7.8	6.9	6.8	3				
10.6	10	14	11.5	- 8				
11.3	11.3	7.8	10.1					
5.2	5.5	5.6	5.4	15				
8.3	9.5	10.4	9.4	8				
14.3	14.7	10.7	13.2					
8.4	9.3	11.7	9.8	15				
5.6	5.1	6	5.6					
5.9	6.3	5.2	5.8					
12	12.2	13	12.4		1			
6.6	7.1	6.8	6.8	8				
10.2	9	12.1	10.4	65				
8.2	8.7	9	8.6					
4.4	4.8	3.9	4.4	861 (A)				
8.1	6.5	5	6.5	- Se				
7.3	9.7	8.8	8.6					
8.6	7.2	9.8	8.5					
4.3	4	5.2	4.5					
5	5.3	5.7	5.3					
9.3	8.5	8.4	8.7	12 T				
4	3.4	3.4	3.6					
2.9	4.2	4.4	3.8	- 13-				
4.5	7.2	4.4	5.2	- 11-				** **
5.9	6.6	5.2	5.9	- 10				
6.3	7	7.2	6.8					
0.3		1.2	0.0					

4.9	5.6	5.2	5.2	100				
5.1	5.8	6.2	5.7	200				
8.8	7.9	9.4	8.7	808				
8.6	9	5.2	7.6	25.5%				
5.9	5.9	5.2	5.7	2000				
4.2	6.7	6	5.6					
to progress post of the Control of Marine	room och kannod vat intercytekse	energish gunu gestera y brogstyran gelaa	7.6	Contract.	colode di conse ti loca y cui locatessi	god de register (d'er des b	Sec. Localist security of the	the state of the s

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Coating System Inspection Report

<u> </u>	CERAM	<u> </u>	SYSTEM S	FTUD Y	-0	PAL	FORNIA	9 A	VE. BE	PAGE		
	West Table	GENE	RAL INFORM	IATION					Shee	t L of /	IR No.: 26	
Client: SHERWIN W	ILL IAMS	Š	Contractor:		CON				Inspe	ctor: C	STUART	
Client Contact: MAR	K HUDSO	, こ	Supervisor/	Foreman:	m	KE I	MAILLI	5	KTA	Job No. Z	60259	
Project:			Crew Start:		Stop:				Date: 11/6/66			
Shift: NA		_	Inspector S	tart: N	/ Sept);			Day:	MONT	DAY .	
Work activities perfor	med today	y:	NO PE	BUCT	100	W.	ORIL (() r	MAIN	MENT	SET UPONLY	
Span (Show location on drawi	na):			Bay	location							
Control Panel Placem (Show location on drawi	nent	☐ Ye	es 🗹 No	Riggir contai / remo	ng / Co inment oval tim	ntainr used es -	nent [If me - record in		tion 7	:Pm MO	W-3007M TUSDAY	
			territoria de la filo	ABRA			awing)]:		- 1 J.Ag. 4	1		
Start time:	*		Stop	time:	314 1. 13	LAS	ING		Rework 1	ime:	<u> </u>	
Number of blasters:			Square	feet blas	t			Ţ	otal Man	hours		
	1.1		20 May 110	COATIN	IG APF	LICA	TION		N.C		The state of the s	
Manufacturer / Product Name	Quan Mix (Gaild	eď	Batch No.	Num of Applic	f		plication art Time		lication rt Time	Down time	Reason for downtime	
Recoat Times	Coat 1	:		Coat 2:	:			Coat	3:			
	DRY FILM	ATHICI	KNESS				4 y 6		TRAFFIC	CONTROL		
	Minim	um	Maximum	Avera	age				Start	Stop	MPT Time	
Coat 1	1			-		Ros	d Closure	,				
Coat 2						Cor	nments:					
Coat 3						h)	1/	1		•	
				STAFFI	VG/EC	UPI	VENT/	1/				
No. of Workers or Equipment	Т	уре о	f Equipmen	t	/Ĥou Use		Total H Use				ion and on of Work	
					U				1			
	 											
	-											
<u> </u>	-											
Comments: (%)	00000	<i>C</i> :	<u>~ ~~ ~</u>			7			15 0	2.200	12 12012	
WAS ERF	CERCIUS	<u>> ></u>	EI OP (UNTA	in in		1 131)	11	10 7	CO DOCT	ION WORK	
WING MORE	OKON E	.)										
												
Inspector: (%	ST)	MR	7 ,			Revi	ewed By:					
Signature:	hiôrs		Date: ///	6/06			ature:				Date:	
Distribution:	□ CI	ient	\neg	☐ Conf	tractor			KTA F	PM		Other	

Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements and/or observations believed to be accurate. This inspection report shall not be reproduced, except in full, without the written approval of KTA Tator, Inc.

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KTA Coating System Inspection Report 2006

S-W Project



Coating System Inspection Report

JAW HILLE	LCENTED.	SYSTEM	570	DY ~	CA	LIFORNI	in A	ve. E			
	GEN	ERAL INFORI	MATIO	4				Shee	et of 16	IR No.: 27	
Client: SAERWIN	WILLIAMS	Contractor	<u>C</u> ò	800	り			Insp	ector: C.	STUART	
Client Contact: MA	ek hodson) Supervisor.	/Forema	an: M1	KE	MAILL	5	KTA	Job No. 2	60259	
Fiojeci.		Crew Start:	v Start: Stop: Dat						late:		
STITE NIGHT / DI	17	Inspector S	tor Start: 4:00 Stop: WED 6:30 AM Day: TUESDAY - WED. PREPARATION; PRIME COAT APPLICATION & FINISH COAT								
APPUCIATION	rmed today: త్రి	rface pre	PARAT	ر لده <i>ا</i> :	PR	IME COA	TAF	PLICAT	10N & F	INISH COAT	
Span		1				TIAL ZUZI					
(Show location on draw Control Panel Placen		es ⊡√No	(Sho	ow location	on on c	drawing):(Fu	LL BA	(2.F			
(Show location on draw	ing):	C3 🔄 (10	con	tainmen	ontain t used	ment [If med = 1]	obiie istallat			- 3:00 PM TUES	
			/ rer	noval tir	nes -			(600 PM	u=0 -	
	TUES			ASIVE I		irawing)]:					
Start time:	12:45 AM	Stor	time:			15 Pm		Rework	fime	10:20 AM 12:48 AM	
Number of	4	Square		st	. 10	*		otal Man			
blasters:		clea	ned:		1451	00		of men x		57 MHRS	
Manufacturer /	Overetite	B ()	7	ING AP							
Product Name	Quantity Mixed	Batch No.	1	mber of		plication art Time		ication	Down	Reason for	
	(Gallons)		Anni	icatore			.5.25	まTime	time	downtime	
SINC PRIME	R 21 GAL	A: 0x2616F B: R12360	4 MIS	TRUST	TUE	13 30AM	2:4	g pin C AM			
Recoat Times	Coat 1:	IIHRS Coat 2:			Coat 3:						
	ORY FILM THIC				 			TRAFFIC	CONTROL		
	Minimum	Maximum	Ave	rage	\vdash			Start	Stop	MPT Time	
Coat 1	+		<u>_</u>				To	シミシ	ผลเว	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Coat 2	2,6	16.9				ad Closure	6:	00 Pm	3700 PM	21 4RS	
	TOPCOAT	DFTS NO	T0874	aned	Cor	nments:					
Coat 3	ATTHIS	TIME			1						
			STAFF	ING/EC	QUIPI	MENT					
No. of Workers	_			Ног	ırs	Total Ho	ours		Locat	ion and	
or Equipment	Type of	Equipment	·	Use	ed	Used	i		Descripti	on of Work	
	ļ								-		
	ļ					<u> </u>					
	 										
Commonto: (if no	1 100							·			
Comments: 4:00	AM ARRIU	F12 ON 8	TE.	<u> 70</u>	14 W	ZAME	الحابح	<u> (PE)</u>	39 766 0	PLONSITE	
SINCE (SINCE	AM: COR	20N 15 .	211	171	100	COLETA)	م ا با ز	< 1 k 10"	ニョフル	5 Am 11711	
7 777000	CEBO WILL	O BOOK		DOCO	ハンモ	NTATI	ろわしょ	11110 0	しょうひんだい	THE NOOMAN	
MANY DEFIN	I CO COBCOD CALLED FOR SIREARE PARK I KORATION - CAMADIRATE AT INCOME										
EXCESSIOF <	MANY DEFICIENT AREAS MARKED FOR REBLAST DUE TO RUST, PAINT AND										
UNTIL IZIUS	EXCESSIVE SHADOWING. CORCON RESUMED BLASTCLEANING OPERATION UNTIL 12:48 PM. SURFACE PREPATION WAS ACCEPTED BY JOHN ZAMOSKY ATN. 1:15 PM										
Inspector: ()	TUART	C11100 6 K	UL KIM	1,000	Revie	ewed By:	2 Y	CHID 2	CHMOSE	4 ATN 1:15 PM	
	word-	Date: 11/7	106			ature:				Date:	
Distribution:	Client			tractor		IAR	TA PI	v/I		Other	

Note: This increation report		
Note: This inspection report represents information gathered by the KTA	inspector. It provides a record of measuremen	its and/or observations believed to be
accurate. This inspection report shall not be reproduce	 d, except in full, without the written approval of 	of KTA Tator, Inc.
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Coating System Inspection Report

- CONT CIN	JE APPU	-04/010	C. 674	Tru	\mathcal{IV}_{t}	<i>. دار</i>				
Client:	GEN	ERAL INFORM		:				Shee	t A of 16	IR No.: 27
L		Contractor:						Inspe	ector: C 5	WART
Client Contact:		Supervisor		n:		_		KTA.	Job No. 290	1259
Project:		Crew Start:		Stop:				Date:		
Shift:		Inspector S	tart:	Sto	p:			Day:	WE	
Work activities perfor	med today: 😈	DP COA		00.		·~ · · · · ·		1	. 000	
Span		OF COM	L H	1910	ica	17(UN) 21,22,23,				
(Show location on drawing		<u>l</u>	(Shor	w locatio	n on c	رد د رده راه rawing	24			4
Control Panel Placem (Show location on drawing	- 1 <u></u> 1	es 🗔 No	Rigg	ing / Co	ontain	ment [If m	obile	10	incen to	DES/3:00 PM
(Onow location on diawn	A. LIMA	els Propare		ainmen: ioval tin	t used	l – record i	nstaliati	on C		, 5.5
	707	AY				rawing)]:				
		eran in last		ASIVE E						
Start time:		Stop	time:		$\overline{\wedge}$		F	ework t	ime:	
Number of	1/	Square		st //	1		То	tal Man	hours	
blasters:	\	clea	ned:				(# o	f men x	hours)	
Manufacturer /	Quantity	B-/ -	,	NG API	,					
Product Name	Mixed	Batch No.	,	nber of		plication art Time		cation	Down	Reason for
	(Gallons)		1	cators	31	art ime	Stan	Time	time	downtime
SEW FASTELAID URETHANE	40 GAL	A: 0x2435B B: R2126	Z		1	:00 AM	117	20 AM	(3)	
Recoat Times	Coat 1:	0.12-146	Coat 2		1	NRS	Coat	20	0	
n	RY FILM THIC	(NECC			7					
	Minimum	Maximum			<u> </u>				CONTROL	
		Waxiiiuiii	Ave	rage			;	Start	Stop	MPT Time
Coat 1	2,6	16.9	5,	3	Roa	d Closure				
Coat 2 TOTAL SYSTEM	7.2	39.6	15.		Cor	nments:	-			
Coat 3	112	01.10	19.	2	"		ļ			
					<u></u>					
No. of Workers			STAFFI							
or Equipment	Time	·		Hou		Total He			Locatio	
or Equipment	туре о	f Equipment		Use	ed	Used	<u> </u>		Descriptio	n of Work
										
										-
Comments:										

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				1		<u> </u>			· · · · · · · · · · · · · · · · · · ·	
·····				IV	1					
nspector: C , S	TUART			- [Revie	wed By:				
	ioil	Date: / / g	3/06	- (Signa	ture:			Г	Date;
istribution:	Client			tractor			TA PA	1		ther

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KTA Coating System Inspection Report 2006 ©Copyright KTA-TATOR, INC. 2006 CMV Decision

Project:	Name: C. STUART	Date	11/7/06	Sheet Z of 16 IR No.: 27
HISTORY OF THE STREET	Complete items below v			f services
	(List separately: Subcontractors.	IG/EQUIPN Channe Om		Protest Worki
No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Location and Description of Work
	,			
		MMENTS	(19329833343E)	
1820 COBCON.	STARTED MILING PRIM	E COAT		
1130 PRIME	MAT APPLICATION STAP	TED . C	ARCON IS	APPLYING A LIGHT
CUAT O	FPRIMER DUE TO LIM	MEDTI	ME REMAI	NING - ALL EQUIPMENT
€ ENC	LOSURE MUST BE REMOVE	D BY 3	sidd Pm to	open northbound
LANE.				
2:48 PRIME	MIST COAT COMPLETE	Ξ		
	ACTOR EQUIPMENT RE		2 11000	IRAND LANFIS OPEN
3.04 CONTR	ACTOR EQUIPMENT RE	SMICHEL	e Note in	130000
· ·	ARTED SITE.			
9:00 ARRIVE	DON SITE TO EVALUAT	E PRIM	ER THICIEN	ESS OF MIST COAT
A DO LIE	ED EARLIER TODAY AT	THE RE	QUEST OF	CORCON, THIS OFFICIALION
15 70	DETERMINE HOW MU	JCH PRI	MER IS RE	QUIRED TO RAISE
DFT	TO SPECIFIED PANGE.	IT W	as Detern	NNEO THAT 3 MILS
OF AD	DATIONAL MAYERIAL WY	as pequ	IREID IN 101	142 10) 1000
ONLY	AS MARKED WITH CHAC	CK IN BA	415 22,23	,24.
12130 DEPAR	ted Jobsite - Corcon) will p	FIGGA PUGGI	IDNAL PRIMER. JOHN
	SKY (PENDOT REP) WILL CO			
WIT DFT FIN	VED ON JOB SITE. PERI H JOHN ZAMOSKY. JO CONTROLAREAS WERE ES ISH COAT THICKNESS.	TABLISHE	d for more	ACCURATELY DETERMINING
5:15 AM COR	TO U STARTED IN LYING TO HINNER ADDED TO MIX. T	100 COAT 100 COAT	TFOR STR	PE (BATINGBY BRUSH. COMPLETE AT 9130 AM

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10100AM DEPARTED JUBSITE



Daily Painting Inspection Report

SÉW ACCELER						- C	ALIF	02N	A AUG	BI	CIDGO		
	GENE			MATION	<u>. </u>					t 3 of		R No.: 2	
Client: S & w			ractor:						Inspe	ector:	<u>C, S</u>	7U1912	τ
Client Contact: MARK HUE	SON			Forema	an:				KTA	Job No	2602	259	
Project:			v Start:			Stop):		Date	11/	1/06	-11/c	
Shift:		Insp	ector S	tart: Tu	ES 4:	o oʻymi	Stop:	v&D:6.	30 M	U)(MT (W	F S	SS
Work activities performed today	ay:	(50	ES	HEE	7 1	.)							
		1			IENT C	ONDIT	IONS						
Location	Time	DB	WB	RH	DP	ST	+/-	Wind	Direction	We	ather	Opera	tions
	AN	F°	F°	%	F°	F°		& 5	Speed	Con	ditions	Perfor	med
RAMP TUES!	1125	<u>53</u>	45	52	36	43						Sulf	
CONTAINMENT	3:45		44	61	37	42						PREF	2
CONTAINMENT	925A	ⁿ 59	48	42	36	65						¥	
CONTAMMENT	1:30PM	92	49	51	40	<i>5</i> 3						PRIME (BAT
			L									<u> </u>	
					ACE PI								
Item(s) Prepared or Item No (Sketch location on T3060-e)				21,2	1, BAY	3.24	9,20 -{						
Operations Reviewed or Tes	ts Perfo	rmed		Sat	Uns	at	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared													
Condition of edges, weld spat	ter, fins,	slivers,	etc.	-									
Grease, oil, contaminant remo	val												
No visible moisture									-				
Protective coverings in place				~									
Dust and abrasive removal				V									
Clean and dry abrasive													
Other:	-						_						
Compressed Air Cleanliness	Loca	tion / 7	īme	COM	PRES	50 R/2	100m						
	Resi	ılts			01				•				
Degree of Cleanliness	Spec	cified		SP	-10	_						-	
	Actu	al			2-10								
Surface Profile	Spec	ified			1.5-	3.50	1165						
(affix testex tape to report)	Actu	al	****	4	15 +								
Soluble Salt Contamination	Spec	cified			A IA								
☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other:	Actu	al (μg/c	m²)		VV I	Ī	•						
Method of Surface Preparation	ı 🗆 Al	orasive	Blasti	ng 🗆 F	land to	ol 🗆	Power	tool 🗆	LPWC 🗆	HPWC	□ UHP	WJ □ Oth	er:
& Equipment	Briefl	y descri	be equi	pment:	•						-		
Abrasive Media Manufacturer:	Туре		REGI	BIAC	L'REAT	Base	e Metal	Reading	(BMR)	Reco	rd in mil	s .70	5 MIL
<u> </u>	Size			40			zle Air	or Water	Pressure	Reco	ord in psi	NA	
Inspector: C. Stu	ART	-				Rev	riewed	Ву:					
Signature:	+	Date	e: //	18/0	6	Sign	nature					ate:	
Distribution: Cli	ent	••		Cont	ractor			KTA P	M		Other	-	

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accurate. This inspection report shall not be reproduced, exce	ept in full, without the written approval of KTA T	ator, Inc.
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Daily Painting Inspection Report

AMBIEN						<u> </u>	<u> </u>						
	GENE	RALIN		IOITAN	1				Shee	t 14 of	16 1	R No.: 2	7
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Client Contact:		,		Forem	apf.						260	259	
Project:		Crew	/ Start:			Stop	·		Date	11/	8/06		
Shift:		Inspe	ector S	tart:	ŀ	+ 5	Stop:		——————————————————————————————————————	Ţ '	W TH	F S	SS
Work activities performed today	r:												,
				AMB	IENT C	ONDIT	IONS		 				
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	:52 ^{A)}		58	31	43	70						NON	
5	:10 AT	83	66	40	56	70						70PC0	
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				SURF	ACE PR	REPAR	ATION						
Item(s) Prepared or Item No. (Sketch location on T3060-e)													
Operations Reviewed or Tests	s Perfo	rmed		Sat	Uns	at	N/A	Sat	Unsat	N/A	Sat	Unsat	N/A
Test section prepared			 -										
Condition of edges, weld spatte	r, fins, s	slivers,	etc.		-								
Grease, oil, contaminant remove	al				1	_							
No visible moisture													
Protective coverings in place					i	7							
Dust and abrasive removal	•				/\	/ -					-		
Clean and dry abrasive			_										
Other:					$ \leftarrow $								
Compressed Air Cleanliness	Loca	tion / T	ime			$\overline{}$			I			· · · · · ·	<u>'</u>
· ·	Resu	ılts				$\overline{\Lambda}$	$ egthinspace{-1pt}$						
Degree of Cleanliness	Spec	cified	-			1		$\overline{}$					411.684
	Actu	al				/ 			$\overline{}$	<u>.</u>			
Surface Profile	Spec	cified											
(affix testex tape to report)	Actu	al								_			
Soluble Salt Contamination	Spec	cified							· · · · ·			$\overline{}$	
☐ SCAT ☐ Chlor*Test ☐ Bresle ☐ Other:	Actu	al (μg/c	m²)								 		
Method of Surface Preparation	L			ng []	Hand to	ol 🗆	Power	tool 🗆	LPWC 🗆	HPWC	UHP\	// □ Oth	er:
& Equipment		y descri											
Abrasive Media Manufacturer:	Туре	. 1	····			Base	Metal	Reading	g (BMR)	Reco	ord in mils	; [
	Size								Pressure	1	ord in psi		
Inspector: C STYAR						Ļ—	iewed			1			
Signature:	+	Date	9: / / /	19/06	,	Sia	nature				D	ate:	

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accurate. This inspection report shall not be reproduced, exc	ept in full, without the written approval of KTA T	ator, Inc.
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SEW ACCELERATED SYSTEM STUDY - CALIFORNIA AUS SO. D. -

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sual A	ppearance (ru	ns, drips, s	sags, etc.)				 	<u> </u>			·	1	 -
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	KTA Daily Painting Inspection Report 2003	ccept in full, without the written appeared action and action and action and action and action and action and action and action and action and action and action action action action action and action actio
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	ranking inspection Report 2003	©Copyright KTA-TATOR, INC. 2003
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MIXING SHEET 3

	[Davi	1//1/		SHEE		3									
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Note: This inspection report represents information gathered by the KTA inspection report shall not be reproduced as	pector. It provides a record of measurements and/or observations believed to be accurate, cept in full, without the written approval of KTA Tator, Inc.
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Project: Name: C. STURET Date: Sheet @ of /6 IR No.: 2.7 REQUIRED NUMBER OF DRY FILM THICKNESS MEASUREMENTS Structure/Item less than 300 f² - Test each 100 f² areas Structure/Item less than 1,000 f² - Test 3 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas Structure/Item greater than 1,000 f² - Test 3 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas Structure/Item greater than 1,000 f² - Test 3 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas Structure/Item greater than 1,000 f² - Test 3 randomly selected 100 f² areas and for each additional 1,000 test 1 randomly selected 100 f² areas Structure/Item greater than 1,000 f² - Test 3 randomly selected 100 f² areas Structure/Item greater than 1,000 f² - Test 3 randomly selected 100 f² areas Spot Reading (Average of 3) Total 5 Spot Average 1 2 3 4 5 Area Spot Reading (Average of 3) Total 5 Spot Average 1 2 3 4 5 Area Spot Reading (Average of 3) Total 5 Spot Average 1 2 3 4 5 Area Spot Reading (Average of 3) Total 5 Spot Average 1 2 3 4 5 Area Spot Reading (Average of 3) Total 5 Spot Average 1 2 3 4 5 Total 5 Spot Average 1 2 3 4 5
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DRY FILM THICKNESS MEASUREMENT SUMMARY
Item Prepared or Item No. (Note on T3060-F)
Range (actual, after deduction of BMR)(0)
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Range (actual, after deduction of BMR) Average (actual, after deduction of BMR)
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Range (actual, after deduction of BMR) Average (actual, after deduction of BMR) ©Explain any readings #80% or 3120% and actions taken to resolve: Based on the information above: Sat Unsat N/A Sa
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	<u> </u>	3/3/6/1-3/U	Dy - C	ALIFORNIA ,	HUE. BRIDGE
Project:	Name	C. STUART	Date	11/7 /14/6/0 Sheet	9 of 16 IR No.: 27
Instruments		Serial No. / IT/	pe Ins	truments	Serial No. / Type
Psychrometer		81942/BAC	4. We	Film Thickness Gage	
Surface Tempera	ture Thermometer	173764 / ATK	- 5	Film Thickness Gage	K-86973 /POSMETOR
Paint Thermomet	er	K-82294/ TAY		bration Plate(s)	176126/KTA
Comparator		S SH G/S		ke Gage	1701267R1H
Testex Tape (affix	x tape)	C PG XC XC-		day Tester	
Micrometer		176304 /TES			
REWO	RKATIENSTOENT	IFIED TODAY		REWORKSTEMS	
Description	···		Description	חת	
		A-/-	<u> </u>		
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Note any area(s)	or operations that w	'ere not observed due to	o inaccessibili	hv.	
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TCE WIRANG	IN CHCL A	REFERED A	LESSTHA	N 45GIFT,	
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accurate. This inspection report shall not be reproduced, exc	cot in ran, without the written approval of KTA Tai	tor, Inc.
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CALIFORNIA AVE. BRIDGE SR4265-A02

Dry Film Measurements 11/7, 11/8/06

Span 1 Bays 18,19, 20,21,22,23,24

Note 2: Gage setting include a BMR of 0.75 mils.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

TOUR L	ROL AREA	1 PRIME	COAT		DFT CONTROL AREA 1 FINISH COAT					
80% of Min	.(3) = 2.4 1	20% of Ma	x. 8 = 9.6	N	80% of Min	.(9) = 7.2 1	20% of Max	x. (18) = 21.6		
Location: S	PAN 1 BAY	′ 19 MAIN E	BEAM NORTHBO	ΣŪ	ND INSIDE	MIDDLE V	/EB			
G1	G2	G3	Spot Reading	П	G1	G2	G3	Spot Reading		
6.5	6.1	5.5	6.0		15.5	15.1	15.7	15.4		
4.6	5.4	6.4		800	12.7	10.9	11.9	11.8		
6.9	6.3	6.2			15	13.6	16.1	14.9		
6.3	6.9	7.8	7.0	100	10.5	11.6	12.5	11.5		
6.9	5.4	5.7	6.0		11.7	13.4	13.6	12.9		
5	5	4.3	4.8	100 Z	15.5	17.9	15.9	16.4		
4.9	5.4	4.8		95 65	15.9	16.3	16.1	16.1		
4	4.3	4.4	4.2		13	12.5	13	12.8		
6.4	5	5.8	5.7	â	16.7	17.4	15.1	16.4		
5.2	6.2	6.5			17	17	16.9	17.0		
4.9	4.7	4.4	4.7	ŶĠ.	14.9	14.8	14.9	14.9		
	Prime Coat	Average	5.6	200	process and the process of the second	Finish Coat	Average	14.6		
DFT CONTI	ROL AREA	2 PRIME C	COAT	ា	DFT CONT	ROL AREA	2 FINISH C	COAT		
80% of Min.				80% of Min.(9) = 7.2 120% of Max. (18) = 21						
		19 - NORT	H CROSS BEAN	V						
G1	G2	G3	Spot Reading	2	G1	G2	G3	Spot Reading		
				33.						
3.6	2.8	2.4	2.9		11.3	13	11.5	11.9		
4.3	5.1	2.4 3.3	2.9 4.2		11.3 14.1	13 13	11.5 12.6	11.9 13.2		
4.3	5.1 2.5	2.4 3.3 2.8	2.9 4.2 2.8		11.3 14.1 11.7	13 13 10.3	11.5 12.6 9.5	11.9 13.2 10.5		
4.3 3 - 3.3	5.1 2.5 3.6	2.4 3.3 2.8 3.2	2.9 4.2 2.8 3.4		11.3 14.1 11.7 16.36	13 13 10.3 15.8	11.5 12.6 9.5 13.7	11.9 13.2 10.5 15.3		
4.3 3 - 3.3 3.8	5.1 2.5 3.6 3.7	2.4 3.3 2.8 3.2 2.9	2.9 4.2 2.8 3.4 3.5		11.3 14.1 11.7 16.36 12.9	13 13 10.3 15.8 12.4	11.5 12.6 9.5 13.7 13.9	11.9 13.2 10.5 15.3 13.1		
4.3 3 3.3 3.8 3.8	5.1 2.5 3.6 3.7 3.7	2.4 3.3 2.8 3.2 2.9 3.6	2.9 4.2 2.8 3.4 3.5 3.4		11.3 14.1 11.7 16.36 12.9 13.1	13 13 10.3 15.8 12.4 12.5	11.5 12.6 9.5 13.7 13.9 12	11.9 13.2 10.5 15.3 13.1 12.5		
4.3 3 3.3 3.8 3.8	5.1 2.5 3.6 3.7 3.7 3.5	2.4 3.3 2.8 3.2 2.9 3.6 4.5	2.9 4.2 2.8 3.4 3.5 3.4 3.9		11.3 14.1 11.7 16.36 12.9 13.1 12.3	13 13 10.3 15.8 12.4 12.5 12	11.5 12.6 9.5 13.7 13.9 12 13.3	11.9 13.2 10.5 15.3 13.1 12.5 12.5		
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4.3 3 3.3 3.8 3.8 3.1 TOP OF BO	5.1 2.5 3.6 3.7 3.7 3.5 4.1	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7	13 10.3 15.8 12.4 12.5 12 15.2	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2		
4.3 3 3.3 3.8 3.8 3.1 TOP OF BO	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7	13 13 10,3 15.8 12.4 12.5 12 15.2	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2		
4.3 3 3.3 3.8 3.8 3.1 TOP OF BO 3.1	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3 3.7	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7	13 10.3 15.8 12.4 12.5 12 15.2	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2		
4.3 3.3 3.8 3.8 3.1 TOP OF BO 3.1 3 3	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5 2.4	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3 3.7 2.6	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0 3.0 3.4 2.7		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7 10.6 10.6 14.1	13 10.3 15.8 12.4 12.5 12 15.2 10 12.4 13.7	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2 14.1	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2 10.4 12.4 14.0		
4.3 3 3.3 3.8 3.8 3.1 TOP OF BO 3.1	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3 3.7	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7	13 10.3 15.8 12.4 12.5 12 15.2	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2		
4.3 3 3.8 3.8 3.1 TOP OF BO 3.1 3 3 4 BOTTOM O	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5 2.4 2.5 F BOTTOM	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3.7 2.6 3.1	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0 3.0 3.4 2.7 3.2		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7 10.6 10.6 14.1 12.8	13 10.3 15.8 12.4 12.5 12 15.2 10 12.4 13.7	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2 14.1	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2 10.4 12.4 14.0		
4.3 3.3 3.8 3.8 3.1 TOP OF BO 3.1 3 3 4 BOTTOM O 6.6	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5 2.4 2.5	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3 3.7 2.6 3.1 1 FLANGE 5.5	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0 3.0 3.4 2.7		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7 10.6 10.6 14.1	13 10.3 15.8 12.4 12.5 12 15.2 10 12.4 13.7 13	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2 14.1	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2 10.4 12.4 14.0		
4.3 3.3 3.8 3.8 3.1 TOP OF BO 3.1 3 3 4 BOTTOM O 6.6 7.9	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5 2.4 2.5 F BOTTOM 7.8	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3.7 2.6 3.1 1 FLANGE 5.5 6.6	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0 3.0 3.4 2.7 3.2 6.6 7.2		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7 10.6 10.6 14.1 12.8	13 10.3 15.8 12.4 12.5 12 15.2 10 12.4 13.7	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2 14.1 12.3	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2 10.4 12.4 14.0 12.7		
4.3 3.3 3.8 3.8 3.1 TOP OF BO 3.1 3 3 4 BOTTOM O 6.6 7.9 6.2	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5 2.4 2.5 F BOTTOM 7.8 7	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3 3.7 2.6 3.1 1 FLANGE 5.5 6.6	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0 3.0 3.4 2.7 3.2 6.6 7.2 5.8		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7 10.6 10.6 14.1 12.8 18.3 19.9 18.2	13 10.3 15.8 12.4 12.5 12 15.2 10 12.4 13.7 13	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2 14.1 12.3 18.3 19.9 18.5	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2 10.4 12.4 14.0 12.7		
4.3 3.3 3.8 3.8 3.1 TOP OF BO 3.1 3 3 4 BOTTOM O 6.6 7.9	5.1 2.5 3.6 3.7 3.7 3.5 4.1 TTOM FLA 2.9 3.5 2.4 2.5 F BOTTOM 7.8	2.4 3.3 2.8 3.2 2.9 3.6 4.5 4.8 NGE 3.7 2.6 3.1 1 FLANGE 5.5 6.6	2.9 4.2 2.8 3.4 3.5 3.4 3.9 4.0 3.0 3.4 2.7 3.2 6.6 7.2		11.3 14.1 11.7 16.36 12.9 13.1 12.3 12.7 10.6 10.6 14.1 12.8	13 10.3 15.8 12.4 12.5 12 15.2 10 12.4 13.7 13	11.5 12.6 9.5 13.7 13.9 12 13.3 11.6 10.6 14.2 14.1 12.3	11.9 13.2 10.5 15.3 13.1 12.5 12.5 13.2 10.4 12.4 14.0 12.7		

	OAT DFTs			Finish Coat DFTs						
	in.(3) = 2.4			80% of Min.(9						
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading			
5.6			5.2	13.7	12.1	12.2	12.7			
5.		4.3	4.6	19.8	23.8	20	21.2			
5.8			5.0	23.7	22.8	21.7	22.7			
7.8		8.8	7.8	22	22.6	22.4	22,3			
4.5		7.8	5.6	18.2	21	23	20.7			
4,4		3.4	4.2	28.9	28	27	28.0			
6.8		7.1	6.8	23.8	24	28.9	25.6			
3.9		4.1	4.1	15.2	14.3	15.1	14.9			
7.2		7.6	7.5	15.9	17	19	17.3			
9.7		9.3	9.1	14.1	13.4	16.5	14.7			
4.7		4.9	5.0	20.8	20.4	21.8	21.0			
8.7		9.5	8.3	19.8	22	20	20.6			
		6.9	6.9	23	24	26.2	24.4			
7.7		7.2	6.5	18.8	9.2	12	13.3			
4.8		4.4	4.8	12.8	14.4	17.8	15.0			
9.3		10.3	10.2	14.4	12.4	11.8	12.9			
7.7		9	8.5	21.8	19.8	26.2	22.6			
ç		9.3	8.7	9.9	11	12.9	11.3			
6.8		6	6.7	12	12	11.8	11.9			
7.6		6.7	7.3	14.1	12.1	14.6	13.6			
10.4		7.9	9.3	18.9	18.1	19.5	18.8			
7.5		8.3	7.8	10.5	11.2	11.7	11.1			
7.5		6.7	6.7	9.8	11	10.1	10.3			
9.6		7.5	9.5	16.2	13.5	17.1	15.6			
5.6		5.4	5.2	16.1	14.7	14.9	15.2			
5.5		6.7	5.7	20.2	21	13.7	18.3			
6.5		4.8	5.8	15.7	14.7	12.7	14.4			
6.8		7.3	7.2	13.7	13.8	13.7	13.7			
4.9		4.4	4.8	15.9	16.2	17.2	16.4			
4.1	3.8	5.1	4.3	15.3	17.4	13.6	15.4			
7.1		8.1	7.6	16.6	17.7	19.4	17.9			
5.3	7	5.4	5.9	14.9	13.4	12.7	13.7			
3.4	3.6	4.5	3.8	12.4	15.2	15	14.2			
7.1	5.7	4.9	5.9	13.7	15	17.9	15.5			
3.9	3.1	3	3.3	17.9	17.6	16.8	17.4			
9.9	13.6	12	11.8	16.5	20	16.9	17.8			
8.9	9.4	7.1	8.5	14.2	15.9	15.3	15.1			
6.6	6.6	6.8	6.7	214.8	12.4	10.5	79.2			
4.8	5.3	5.1	5.1	9.3	10.5	12.4	10.7			
6.6	7	7.1	6.9	13.2	11.9	12.3	12.5			
10	11	12	11.0	28.8	23	20.2	24.0			
8.1	6.5	6.5	7.0	22	22	25	23.0			
9.5	9.1	7.1	8.6	14.5	12.1	14.1	13.6			
4.1	6.1	6.6	5.6	26.2	22.5	23	23.9			
4.2	4.6	5.2	4.7	15.9	13.8	14.4	14.7			
12	11	9	10.7	10.3	12.7	11.9	11.6			
7.5	6.5	4.9	6.3	15	16.2	16.1	15.8			
3.2	4.1	5.6	4.3	16.6	13.5	17.1	15.7			

0.01	4.01	5.0		IST.	70.71	40.0	40 =1	40.4
3.9	4.9	5.6	4.8		19.1	18.8	19.5	19.1
5.7	5.4	4.4	5,2	4	17.1	17.5	18.2	17.6
5.5	4.7	4.6	4.9	4	26.3	24.2	24.1	24.9
6	6.5	6.6	6.4		36.5	30.6	31	32.7
9.1	10	10.3	9.8	11	13	14	14.7	13.9
8.3	7.3	7.2	7.6	4	14.1	14.9	12.9	14.0
6.4	4.8	6.2	5.8	1	13.5	14.1	15	14.2
6.1	6.6	9	7.2	5	9.8	12.4	11.7	11.3
4.7	2.7	3.2	3.5	85	14.2	14.1	14.1	14.1
5.5	4.9	4.7	5.0	П	13.6	15	15.9	14.8
3.7	4	6.5	4.7	Ш	13.7	13.4	13.8	13.6
5.6	6.9	5.7	6.1		19.2	20.4	23.5	21.0
6.8	8.7	8.6	8.0	Ž.	16.1	14.8	13.5	14.8
9.8	10	9.8	9.9		31.2	25.7	31.7	29.5
3.9	4.4	5.1	4.5		18.1	17.5	18.8	18.1
6.9	7.1	8.6	7.5	\$\$ \$\$	18.6	20.4	20	19.7
7.1	6.4	7.6	7.0	100	12.7	13.5	11.1	12.4
8.4	7	10.2	8.5	8	14	16	13.3	14.4
8.7	9.4	7.4	8.5	200	13.6	12.8	14	13.5
2.6	3.1	2.7	2.8		16.1	18	16.1	16.7
6.4	6.6	4.5	5.8	2	19.6	19	18.5	19.0
6.3	4	4.7	5.0		16.7	17.6	18.7	17.7
5	4.4	5	4.8	100	15.1	15.8	16.2	15.7
4.5	3.7	6.1	4.8	2	15.2	15.6	14.8	15.2
2.7	3	3.7	3.1	20	12.2	11.5	11.7	11.8
3.1	4.2	2.4	3.2		13	15.9	14	14.3
2.8	2.6	3.2	2.9	Ħ	21	21	19.5	20.5
2.6	6.5	6.1	5.1		13.3	12.3	14.8	13.5
2.6	3.2	3.7	3.2		11.4	13	11.2	11.9
6.2	6.4	7	6.5		12.4	11.9	13.7	12.7
5.6	4.7	4.4	4.9		22.4	20.8	17.7	20.3
5.1	6.1	4.9	5.4		43	40	44	42.3
6.7	5.3	4.8	5.6	8	24.9	24.5	25.4	24.9
4.7	3.7	5.5	4.6	9	13.4	13.6	13.4	13.5
8.6	9.9	7.7	8.7	4	16.5	16.3	19.3	17.4
7.7	5.2	6	6.3		21.7	20.6	20.7	21.0
10.4	8.5	11.2	10.0	П	16.3	15	13	14.8
8.5	8.4	9.8	8.9	Ħ	25	28	28	27.0
7.2	5.4	5.4	6.0		21	22.5	22.5	22.0
7.3	5.4	6.1	6.3		37	39	40	38.7
8.4	8.9	7.2	8.2		16.5	16.1	16.6	16.4
2.7	3	3.4	3.0		14.3	14.6	16	15.0
11.7	11.5	9	10.7	8	17.6	13.6	15.1	15.4
7.6	5.9	8.1	7.2		20.7	15.7	17.8	18.1
13.7	14.5	14.2	14.1		27	23	22	24.0
11.6	9.8	9.9	10.4	ı	11.7	11	11.7	11.5
4.7	4	4.2	4.3		15.1	15.7	14	14.9
9.8	11.9	8.3	10.0	# 6	21.1	19.2	20.9	20.4
14.4	17.1	19.2	16.9	8	15	14.6	14.3	14.6
5.8	5.9	5.8	5.8	1	15.7	15.1	14.5	15.1
9.9	7.6	6.3	7.9	-	19.8	18.8	21.5	20.0
9.9	7.0	0.3	۴.۶	S.	18.8	10.8	21.5	∠∪.∪

4.3	3.6	4.6	4.2	10.3	11.8	10	10.7
10.4		7.2	8.2	10.1	8.7	9.9	9.6
7		7.2	7.6	12.7	13	12.6	12.8
5.1	5.1	4	4.7	11.8	11	12.8	11.9
5.8		6	5.7	21.1	22.1	21	21.4
9		7.7	8.2	17	14.6	15.9	15.8
5.4		5.2	5.4	21	16	13.2	16.7
5.5		6.8	5.8	23,2	24.2	26	24.5
10		13.1	10.7	25	25.4	24.3	24.9
6.1	9.2	7.6	7.6	15.1	19.3	19.8	18.1
4.8	4.4	4.4	4.5	13.4	13.2	14.6	13.7
3.3	3.2	6.6	4.4	18.7	18.5	20.7	19.3
2.9	2.6	3.2	2.9	14.4	15.3	13.1	14.3
6.5	5.8	5.4	5.9	26	30	25.3	27.1
3.2	2.6	3.5	3.1	33.7	33.2	34	33.6
4.4	5	5.3	4.9	39.5	39	40.2	39.6
6.8	6.5	7.2	6.8	25.1	25.4	27	25.8
6.2	7.9	6.7	6.9	20.2	21.8	23.4	21.8
7.3	7.3	7.7	7.4	30.9	30.7	30.7	30.8
2.7	4.2	4.1	3.7	17.6	18.6	24.7	20.3
3.9	4.7	2.6	3.7	9.2	10	9.9	9.7
5.6	6.4	4.8	5.6	10.6	8.8	8.5	9.3
6.4	4.8	4.5	5.2	9	6.6	7.3	7.6
2.8	2.6	5	3.5	13.7	14.2	13.4	13.8
6.4	7	6.2	6.5	15.8	16.5	15	15.8
5.4	5.8	6.2	5.8	7.9	8.5	13.9	10.1
4.7	5	5.1	4.9	9.6	9.8	9.9	9.8
4	4.7	4.2	4.3	14.1	10.6	9.3	11.3
4.4	4.6	4.9	4.6	11.8	12.7	11.4	12.0
2.6	4.9	3.4	3.6	13.4	15	12	13.5
3.4	4.9	2.7	3.7	16.5	14.6	17.6	16.2
3.8	3.8	2.9	3.5	10	9	9.5	9.5
2.8	3.2	4.1	3.4	11	9.3	10	10.1
3.7	5.6	3.7	4.3	26	20	29	25.0
4.8	5.1	2.7	4.2	8.8	11.7	9.7	10.1
6.5	6.6	7.4	6.8	13.1	9.7	11.9	11.6
6.7	6.5	6.7	6.6	15.2	12.8	11.3	13.1
7.1	7.6	7.4	7.4	10.4	12.1	11.9	11.5
6.6	5.1	4.9	5.5	14.1	18.1	16.1	16.1
6	5.5	6.3	5.9	9.4	14	13.1	12.2
2.6	2.9	2.4	2.6	6.9	7.2	8.3	7.5
5.7	5.1	4.3	5.0	9.8	8.8	9.6	9.4
8.2	7.1	9.3	8.2	16.2	18.2	13.3	15.9
9.6	9.6	7.1	8.8	9.7	9.1	8.7	9.2
9.6	8.9	10	9.5	14.4	11.1	15	13.5
8	6.4	6.4	6.9	12.6	12.5	13	12.7
7.1	6.3	6.9	6.8	11.9	8.8	7.5	9.4
5.9	6.6	5.3	5.9	17	20.5	18.7	18.7
4.9	5.9	5.4	5.4	17.4	18	19	18.1
3.4	3.7	5.9	4.3	8.2	7.9	7.7	7.9
6.6	4.8	7.6	6.3	13	14.2	15	14.1

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3.5	3.1	4.7	3.8	41	16.3	16.7	20	17.7
6.3	5.5	2.8	4.9	4	15.9	15.2	17.8	16.3
6.3	5.6	3	5.0	3	9.6	12.5	12.1	11.4
5.1	4.1	3.6	4.3	1	10.1	8.5	9.4	9.3
4.3	4.4	2.8	3.8	Ш.	16.2	16.7	17	16.6
3.5	3.2	2.6	3.1	Ĩ.	21	19	18.5	19.5
4.8	2.2	4.9	4.0	100	10.1	10.9	11.2	10.7
4	4.4	5.5	4.6	87.0	13.3	10.5	11.1	11.6
6	6	5.1	5.7	1	17.8	15.9	16.5	16.7
4.5	5.2	4.9	4.9		15.9	28.1	28	24.0
6.8	6.3	5.2	6.1	Ů	9.6	9.8	13.8	11.1
5.8	6.8	7	6.5	8	13.3	16.8	14.2	14.8
7.2	6.8	7.3	7.1		30	29.9	34.5	31.5
8.8	9.8	7	8.5		27	22.4	26.8	25.4
9.7	7.2	6.6	7.8	200	20.2	16.6	17.8	18.2
4.3	8.4	6.5	6.4	2	11.8	10.2	13.5	11.8
7.9	8.3	8.5	8.2	200	12.5	11.8	11.1	11.8
6.6	4.8	5.7	5.7		26.1	24.8	25.6	25.5
5	4.2	4.1	4.4	8	15.5	15.9	15.5	15.6
2.7	3.1	3.2	3.0		12.5	13.5	13.8	13.3
5	3.6	3.5	4.0		14.6	12.9	12.1	13.2
7.9	8.7	7.5	8.0		19.9	21.3	25	22.1
4.1	3.2	2.9	3.4	1	28.4	25	26.9	26.8
6.2	3.8	4.5	4.8		11.3	10.3	9.9	10.5
5.1	5.6	3.8	4.8	П	19.6	19.5	20.8	20.0
6.6	6	5.7	6.1		23	23	. 21	22.3
5.8	8	6.4	6.7		14.7	14.9	12.6	14.1
7.6	4.9	8.5	7.0	362.65	14.9	10.8	11.8	12.5
8.6	5.1	5.4	6.4		18.6	19.1	18.1	18.6
2.6	3.3	2.5	2.8	52.8	16.9	16.1	15.1	16.0
6.8	8.1	6	7.0	2.35	12.7	14.3	13.5	13.5
2.7	3	3.4	3.0		11.1	9	10.3	10.1
5.7	3.8	4.7	4.7		10.7	11	9.9	10.5
5.3	6.6	6.9	6.3	80	23.1	15.4	15.9	18.1
3.1	3.2	4.1	3.5	8	8.4	8.2	8.1	8.2
3.7	4.1	4.1	4.0	20	16.6	14.9	15.5	15.7
6.9	6.5	7.3	6.9	5/3 ()	15.5	15.7	16.1	15.8
4	4.2	6	4.7	9/4 60	15.5	17	17.8	16.8
4.2	3.1	4.6	4.0	\$1 57	31	29.3	28.8	29.7
4.4	5	4.8	4.7	64 65 55	16.1	16.8	19.9	17.6
4	4.3	2.7	3.7	DF.	14	13.5	10.2	12.6
3.1	2.4	4	3.2		11.4	9.8	11.1	10.8
6.7	6.5	7.4	6.9		16.3	15.7	13.9	15.3
3.8	5	5	4.6		8.9	8.9	9.2	9.0
2.7	8.4	3	4.7	1	12.6	12.3	7.9	10.9
3.5	4.2	2.5	3.4	#	12.3	11.9	16	13.4
3	3.4	4.1	3.5	2	13.9	15	13.8	14.2
6.6	2.3	7.5	5.5	П	12.7	14	13.1	13.3
5.3	7.2	8.1	6.9	8	9.5	9.4	13.3	10.7
7	10	13	10.0		17.1	14.7	17.7	16.5
7.6	8.6	8.4	8.2		20	15.2	16	17.1

4.7	6.8	9.5	7.0	ı	11	8.6	11.6	10.4
3.5	4.36	3.5	3.8	+	10.7		8.8	9.9
5.6	5	5.4	5.3	\dashv	11.4		14.2	13.0
6.2	6.3	6.7	6.4	+	11	11.7	10.6	11.1
6.1	5	7.1	6.1	\dashv	12.1		10.0	11.6
5.5	2.6	3.5	3.9	-	14.3		13	13.7
3	3	3	3.0		18.8		20,1	19.1
10.7	8	7.3	8.7	-	12.9		7.8	10.7
9,2	8.1	8.3	8.5	+	9.8		12.9	11.1
12.8	15.9	14.1	14.3	+	9.3		10.8	11.4
5	7.3	4.8	5.7	+	15.2		11.6	13.4
4.9	6.6	6.3	5.9	۲	9.1		5.3	7.2
4.8	8.1	8	7.0	4	14.5		15.2	12.2
5.4	4.9	9.5	6.6	+	12.2		13.2	12.3
5.2	3.9	4.4	4.5	- 1	16		10.5	12.5
8.9	10.2	10.8	10.0		15.1		12.9	14.9
5	6.4	5.8	5.7	7	18.6		16.6	17.6
7.9	6.8	5.5	6.7		14.2	14.1	12.8	13.7
6.9	7.1	6.8	6.9	1832	15.6		13.7	14.0
10.5	11	9.7	10.4	- 2	15.6	14.2	13.3	14.4
13.3	12	7.8	11.0		25		28	26.7
4.4	4.7	4.1	4.4		20	14.7	19.8	18.2
5.4	4.7	4.9	5.0		31.7	30	30.1	30.6
3.1	4.2	4.3	3.9		28	28.7	25.6	27.4
5.7	7.6	7.3	6.9		23.9	20.3	18.8	21.0
9.7	6.8	4.6	7.0	94545	19.4	18.7	18.8	19.0
4	5.1	4.6	4.6	35,775	14.6	15.8	13.8	14.7
8.5	6.1	6.4	7.0		18.8	19.3	21.8	20.0
4.8	4.9	3.5	4.4	18,807	16	17.3	14	15.8
6.1	7	7.1	6.7	5	15.8		16.5	16.4
7.4	7.3	7.3	7.3		19.7	15.5	13.5	16.2
9	11.3	8.9	9.7		18.7	18.1	17	17.9
6.5	5.4	7.2	6.4	_	23	23.9	24	23.6
9.5	6.9	8.4	8.3	8	10.5	9.1	11.3	10.3
8	6.6	6.5	7.0	_[28.5	19.4	19.5	22.5
8.3	8.1	11.2	9.2	-	12.2	10.9	11.8	11.6
5.9	5.7	8.8	6.8	- 10	14.1	14.3	14.4	14.3
5.5	4.9	7.5	6.0	3	8.3	12.6	10.1	10.3
7	6.3	6.6	6.6	60	16.5	14.9	15	15.5
6.1	7.5	9	7.5	1	21	19.1	19.4	19.8
5.9	5.6	5.5	5.7	88	12.7	13.7	12.9	13.1
5.9	5.1	9.9	7.0	- S	13.3	14.6	14.4	14.1
8 8.1	9.6	10 5.3	9.2	-	17.2	17.9	18	17.7
4.4	4	5.3	6.5 4.1	- 6	26 16.1	26.9 14.5	26.2 16	26.4 15.5
7.3	7.6	8.2	7.7	3.		14.5	15	15.5 14.4
6	5.4	5.5	5.6	1/s	15.3 17.1		15.8	16.8
5.4	4.7	5.5	5.0	8	16.4	18.3	17.3	17.3
3.8	4	3.9	3.9	-	17	17.3	14	16.1
6.9	7.6	6	6.8	- 12	14.6	17.3	17.3	16.3
8.2	8.8	7.6	8.2	3	21.1	13.8	17.7	17.5
	<u> </u>			\$		10.0	17.7	17.0

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2.61	5.01	4.51	- 7 -		05.4	05.0	00.0
3.6	5.3	4.5	4.5	28		25.2	26.2
8.9	10.2	9.3	9.5	14.8	13.3	16.1	14.7
3.8	5.1	5.4	4.8	10	9.8	9	9.6
6.3	4.1	4.3	4.9	12.4	13	13.6	13.0
5	4.9	3.7	4.5	15.5	17.2	17.3	16.7
3.5	2.5	4	3.3	14.9	13.2	16.2	14.8
7.3	8	7.3	7.5	15	10.2	11.5	12.2
14.9	13	10	12.6	14,4	14.4	14.3	14.4
13	7.6	6.4	9.0	11	8.7	14.4	11.4
8.6	8.2	7.9	8.2	12.8	11.2	11.7	11.9
6.1	5.5	5	5.5	14	15.6	14	14.5
7.5	10.4	10	9.3	10.8	10.6	11.5	11.0
6.3	7.7	6.7	6.9	22.8	21.3	21.3	21.8
8.2	9.5	7.4	8.4	16.2	12.5	13.3	14.0
4.8	4.9	6.3	5.3	18.4	17.3	18.2	18.0
9.6	8	8.6	8.7	27.3	24	23.3	24.9
5.9	6	6.1	6.0	24	17.7	23.7	21.8
10.3	10.3	9.4	10.0	14.8	13.9	18.2	15.6
6.6	6.7	8.9	7.4	15.7	17.2	13.9	15.6
5.9	4.4	4.7	5.0	12.4	8.9	9.7	10.3
3.5	4.8	4.3	4.2	14.5	15.5	15.1	15.0
8.4	9.3	9.2	9.0	14	12.1	14.8	13.6
3.2	5.2	4	4.1	24	23	14.1	20.4
3.9	5.5	3.6	4.3	16.4	19.3	16.4	17.4
5.3	6.3	6.1	5.9	16.6	16.5	17.1	16.7
9.8	7.9	9.5	9.1	14.7	15	14.4	14.7
9.6	9.9	8	9.2	18.8	18.6	20.2	19.2
9.2	8.9	7.2	8.4	28	28	25.4	27.1
9.9	9.7	10	9.9	26	24.5	27	25.8
9.1	9.2	7.4	8.6	15.6	12	14	13.9
8	10.1	8.8	9.0	26	21	24.9	24.0
8.3	7.9	7.4	7.9	13	14.4	13.5	13.6
5.6	5.7	7.7	6.3	22.3	22.5	20.7	21.8
4.8	5.7	6.4	5.6	16.5	15.4	14	15.3
3.2	6.4	6.5	5.4	16.3	18	15.1	16.5
5.5	8	5.9	6.5	17.5	17.8	17.7	17.7
8.9	6.4	6.8	7.4	12.9	14.2	14.5	13.9
6.8	2.6	3.5	3.5	16.2	18.6	20.3	18.4
	7.3	10.3	8.1	15.4	16.4	16.1	16.0
5.2	4.6	4.1	4.6	9.8	10	9.5	9.8
8.3	5.6	5.5	6.5	9.7	10	13.1	10.9
5.9 10	6.1	5.3	5.8	16.4	16.1	16.5	16.3
TUI Standingstand in the second	8	10.6	9.5	13	10.4	13	12.1
	ma Coat A			24	24.7	30	26.2
Prii	me Coat Av	rerage	6.3	14.4	13.2	14.4	14.0
				20.3	21.3	22.3	21.3
			Į.	16.6	17.6	22.4	18.9
				13.4	14.1	14	13.8
				25.7	27.1	27.5	26.8
				16.5	13.5	11.5	13.8
				10	10.9	13.8	11.6

Ó

4.07		Finish Coa	t Average	16.9
\$ 2X	21.8	21.6	21.5	21.6
200	22.8	25.3	20.6	22.9
7	22.7	22	20.7	21.8
44/300	18.3	16.6	17.1	17.3
40%	14	14.5	14.5	14.3
4000	12.9	13.3	13.3	13.2
36.00	17.9	17.2	17.6	17.6
	25.5	21.2	20	22.2
	17.5	20.5	21	19.7
100	20	20	19.1	19.7
200	26	23	24	24.3
ı	21	22.6	22.6	22.1
200	12.5	12.6	13.3	12.8
596 52	14.7	14.7	13.7	14.4
32 33	14.4	15.5	17.7	15.9
Ħ	16.7	18.3	16.7	17.2
	28	34	34	32.0
	21	15	7	14.3
200	20	20.5	23.7	21.4
20	13.6	14	13.8	13.8
<u> </u>	16.7	13.8	17.1	15.9



Coating System Inspection Report

SEW ACCELL	ERATE	92	ISTEM &	STUD	4-	CA	LIFORNI	IA A	UF. Î	22116			
£		GENE	:KAL INFORI	MATIO	N .			/1	Shee	t l of l	IR No.: 2 &		
Client: SHERWIN Client Contact: MM /	WILLIA:	พร	Contractor	Care	C6.3/						STUART		
Client Contact: MA	ZIK HUDS	(دره	Supervisor	/Forema	an: n	ルデ	malli	<u> </u>	KTA	Job No. 2 6	MACE		
Project:			Crew Start:		Stop:	/E L	13/19/001	٠	Date	11/5/20	1		
Shift: DAY			Inspector S	Start: &	A Sto	n: /	11.0 Pm		Dave	Date: 11/9/06 Day: THURSDAY			
Work activities perfor	rmed today	r. REI	NOVE CON	JAIN OF	newt	P. 4	العادية المنازا	ر (او سو	CH ()	THURS	D44		
							. پ د ع	, 00	CH 0 P	DEFICI	FINE LEZ		
Span (Show location on draw	ing):				Bay (Show location on drawing):								
Control Panel Placen	nent	☐ Ye	s 🗌 No	Ria	ging / Co	n on a	rawing): ment [If mi	ohile					
(Show location on drawi							- record in	nstalla	tion				
	l				moval tin w locatio		rowina)]-						
					ASIVE E								
Start time:	***********		Stop	time:					Rework t	ime			
Number of S			Square		st				otal Man				
blasters:			clea	cleaned:					of men x				
15				COAT	ING API	PLICA	TION						
Manufacturer / Product Name	Quan Mixe		Batch				plication		lication	Down	Reason for		
. roadot riamo	(Gallo		No.	,	of icators	Sta	art Time	Sta	rt Time	time	downtime		
			_	- Appi	Cators	 							
Recoat Times	Coat 1:	-+	-	Coat	2.	 		Coat	2.				
	ORY FILM	THICK	NECO	Jour									
	Minimu				···	<u> </u>				CONTROL			
	MILLITATE	1411	Maximum	AVE	(age	1	1		Start	Stop	MPT Time		
Coat 1				 	$\overline{}$	Roa	d Closure	_			· · · · · · · · · · · · · · · · · · ·		
Coat 2	 				-	Con	ments:						
Coat 3	 												
								$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	·				
No. of Workers				STAFF	ING/EC			\geq					
or Equipment	т.	no of	Cautania	ı	Hou		Total Ho				on and		
or Equipment	<u> </u>	pe or	Equipment	<u> </u>	Use	d	Used	<u>t</u>	-	Description of Work			
										<u> </u>	······································		
	 				<u> </u>								
-	 												
Commenter As	<u> </u>		·										
Comments: ARRIVETHE TOUCHU	DAT	<u>8:05</u>	Am.	ZOH.	N ZA	m C	3K4 W	ادر	4550	ME COU	ERING-		
THE TOUCHU	POPE	ZATIC	NS. I	<u>sper</u>	HT TH	<u>e 0</u>	AY W	ITH	JOHA	V TO A	ADVISE		
	_ 100	CHI	$\cup P$, $\{7\}$	へついい	114	1/0	1 20 m	ni G	1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	110	-011		
MIPOTING C	010014	HUC	1 ZINC	. NEW	m er	134	KRUS	i.	EMI	Oldinia.	ONPE		
OF THE	1111	. 171	P = P + P + P + P + P + P + P + P + P +	- Y+ 1	()+	$C \cap \mathcal{V}$	41 01	- 1	ルぐてご	<i>LBO</i> ()	PATHARIE		
17 17 17 16 17 M	i Don	1E. A	12895 (11/1/1/29	アドーンバー	1-25-00	ARE B	EIN	C REW	ioved)	JUST REQUIRE		
24100 VOG &	101	LOM	IT APPL	ICA"	TION	Ł							
	STUAR				F	Revie	wed By:						
	head		Date: / i / 9			Signa					Date:		
Distribution:	Clie	nt		☐ Cor	ntractor		1 dr	TAP	M		Other		

Note: This inspection report represent in 6								
Note: This inspection report represents information gathered by the KTA inspector. It provides a record of measurements and/or observations believed to be								
accurate. This hispection report shall not be reproduced, except in full, without the written approval of KTA Tator. Inc.								
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Project:	Name: STUART	Date	11/1/44	eet 2_ of IR No.: 28		
I-I.II-2 PERSE TERRE SEALA.	Complete items below v			ervices		
	(List separately: Subcontractors.	IG/EQUIPN Channe Or		rtest World		
No. of Workers or Equipment	Trade or Type of Equipment	Hours Used	Total Hours Used	Location and Description of Work		
		 				
	1/1					
	10 , 1					
		ļ				
		MMENTS				
	SISTED JOHN ZAMOSKY	WHEN H	e inspected	SEVERAL MEGAS		
POWER	TOOL CCEANED					
pm			· - 115 054	INAT TRAILER		
2:30 WORKE	ED ON DOCUMENTAT	1000 14	THE TEX	JUST I KHILEK.		
HIOSPM	DEPARTED SITE					
-1,00						
	•					

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KTA Daily Painting Inspection Report 2003

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T3060-E



KTA-TATOR, INC. 115 Technology Drive Pittsburgh, PA 15275 phone 412-788-1300 fax 412-788-1306

Coating System Inspection Report

		OFNE									
GENERAL INFORMATION Client: 5 HERWIN WILLIAMS Contractor: CORCON							Sheet 1 of / IR No.:			IR No.: 29	
Client: 5 HERWIN WILLIAMS Contractor: CORCON Supervisor/Foreman: W					CON			Inspector: C. STUART			
Client Contact: MM とり Hodeo い Supervisor/Foreman: W Project: Crew Start: Store					ап: у у) 1	125 1	MAILLIS KTA Job No. 290259				70259
						11/10/06				06	
Shift: DAY Inspector Start: 8; 68'S Work activities performed today: DET'S ON TORCOAT					Sto	p: 4:	00 6		Day:	FRID	PAY
	u todaj	, n-	L'S ON.	TOSC	CAT 13	AYS	15-19	_	TOUCH	ים אני פני	eficiencies
Span Bay (Show location on drawing): (Show											
Control Panel Placem	ent	☐ Ye				ion on drawing): Containment IIf mobile					
(Show location on drawing	ng):		_	con	tainment	used -	record i	nstal	lation		
	į			/ removal times - (Show location on drawing)]:							
					ASIVE E						· · · · · · · · · · · · · · · · · · ·
Start time:			Stop	time:		**			Rework t	ime:	· · · · · · · · · · · · · · · · · · ·
Number of blasters:			Square		st			Total Manhours			
biasters:		_	clea	ned:	INC AD	211047	101	(7	of men x	hours)	
Manufacturer /	Quan	tity	Batch		ING API mber		lication	1 4			
Product Name	Mixe	ed	No.	1	of		t Time		plication art Time	Down time	Reason for downtime
	(Gallo	ns)	$\overline{}$	Appl	cators	<u> </u>	****				
D Ti	ļ <u>. </u>			ļ							
Recoat Times	Coat 1:			Coat	2:		Λ	Coat 3:			
D	RY FILM		NESS		1 /		X		TRAFFIC	CONTROL	
	Minimu	ım	Maximum	Ave	rage \		/		Start	Stop	MPT Time
Coat 1					V_	Road	Closure				
Coat 2							nents;	-	l		
Coat 3											
· · · · · · · · · · · · · · · · · · ·	l			OTACE	Nor	LUDIA					
No. of Workers				SIAFF	ING/EC						
or Equipment	Ty	pe of	Equipment	t	Use						
						-			+	Dogonpu	on or work
									1		
											7
Comments: ARRIVE	NO CE	SITE	AT 8:3	OAM	HF	1963	OT C	# 1	Zamo	25/201	uliT H
17612011011000	CCCR	() 1-	1412 COT \	/18	111 / 12	A -00 128		6 \	A . 1 & // IA.	• • • • • • •	2
ON THE TUP IN KTA REPO	COAT	IN	BAYS	15,	16,1	7,1	8,19	•	RESUL	TS AR	E INCORPORATED
IN KTA REPO	RT NO	23	5 . THIS	ARE	FW A	IS in	JACCES	55/9	PSE J.	VTIL T	0 DAY.
WUNCE DO	DOCE	ME	NTATION	U X	CINE	COL	CULA	TIN	G Day	FILMT	HICKWESS
READINGS.											
nspector:											
Signature:			Data				ed By:				
Distribution:	Clie		Date:			Signatu		_		1	Date:
JIGU IDULIOI1.	I 🗀 Clie	#11E		∐ Co≀	ntractor		194	ία	PM		Other

No.		
Note: This inspection report represents information gathered by the K	TA inspector. It provides a record of measurement	nts and/or observations believed to be
accurate. This inspection report shall not be reprod	luced, except in full, without the written approval	of KTA Tator, Inc.
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CALIFORNIA AVE. BRIDGE SR4265-A02

Dry Film Measurements 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam.

Note 1: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONTE 80% of Min.(DFT CONTROL AREA 1 FINISH COAT 80% of Min.(9) = 7.2 120% of Max. (18) = 21.6					
Location: SPAN 2 BAY 6 - CROSS BEAM NORTH END									
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading		
9.7	10.7	9.6	9.3	17.5	16.3	18.8	16.8		
9.4	7.7	8.2	7.7	19.6	21	18.6	19.0		
6.6	7.5	7.4	6.4	13.7	14.5	15.9	14.0		
6.4	7.1	7.1	6.1	22	19.6	19.1	19.5		
7.7	7.1	7.1	6.6	17.1	17.4	18.7	17.0		
8.4	11.2	10.4	9.3	24.3	23	23	22.7		
10.4	10	8.7	9.0	15.9	17.2	17	16.0		
8.4	10.1	9.9	8.7	22	20	20.9	20.2		
11.4	8.9	10.4	9.5	13	12.5	12.6	12.0		
8.4	7.5	8	7.2	18.8	21	19.5	19.0		
8.2	7	4.8	5.9	14.4	14.1	15.5	13.9		
7.3	6.3	7.3	6.2 ⁻	18.1	16.9	19.6	17.5		
Prime Coat Average 7.6			7.6		Finish Coat	Average	17.3		

DFT CONT	ROL AREA	2 PRIME	COAT	DFT CONTROL AREA 2 FINISH COAT					
80% of Min	.(3) = 2.4 1	20% of Max	x. 8 = 9.6	80% of Min.(9) = 7.2 120% of Max. (18) = 21.6					
Location: S	Location: SPAN 2 BAY 6 - MAIN BEAM SOUTHBOUND, INSIDE								
G1	G2	G3	Spot Reading	g G1 G2 G3 Spot Reading					
12.3	8.2	7.9	8.7	17.9	15.5	15.5	15.6		
9	8.1	10.5	8.5	16.1	14.7	15.3	14.6		
10.4	10.1	10.2	9.5	19	22	19.4	19.4		
8.1	9.3	8.8	8.0	20.3	21.2	21.8	20.4		
9.8	10.3	10.9	9.6	23.5	23.3	26	23.5		
(1)	Prime Coat	Average	8.8	Finish Coat Average 18.7					

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

_	Note 2:	Red values	are out of t	the specified range and tollerance provided by PA-2.								
	DFT CONT	TROL AREA	3 PRIME	COAT	DFT CONTROL AREA 3 FINISH COAT							
	80% of Mir	1.(3) = 2.4 1	20% of Ma	x. 8 = 9.6	80% of Mir	1.(9) = 7.2 1	20% of Max	k. (18) = 21.6				
	Location: S	SPAN 2 BAY	′7 - WEB F	ACE OF OUTSID	E MAIN BE	AM NORTH	BOUND SIE	DE				
	G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading				
	7.6	8.6	9.1	7.7	13	17	16	14.6				
	10.1	13.7	11.5	11.0	19.7	22.9	22.7	21.0				
	10.6	9.3	10.7	9.5	16.7	15.5	16.2	15.4				
	7.7	5.4	7.7	6.2	12.8	13.8	14.2	12.9				
ı	9.5	8.8	9.4	8.5	15.2	14.4	14.6	14.0				
	7.1	8.5	7.9		15.5	13.6	15.5	14.1				
ı	10.9		10.4	9.7	19.8	20	20.3	19.3				
	10	10.3	9.4	9.2	15.9	15.8	15.3	14.9				
ı	6.6	6.9	6	5.8	14.4	14.2	13.7	13.4				
Į	9.3	10.6	9.1	8.9	16.6	17.1	17.3	16.3				
1	6.8	7.8	10	7.5	14.8	15.8	13.2	13.9				
ı	8.4	8	9.9	8.0	16.8	16.9	16.8	16.1				
1	8.7	7.6	8.9	7.7	15.3	14.7	16.2	14.7				
ı	8.2	7.7	9.3	7.7	14.8	15.5	15.2	14.4				
	9	9.4	7.6	7.9	14.2	14.3	13.5	13.3				
ı		Prime Coat		8.1		Finish Coat	Average	15.2				
1	TOP OF BO	OTTOM FLA	ANGE									
ł	G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading				
ŀ				Spot Reading 9.8	G1 21	G2 20.5	20	Spot Reading 19.8				
	G1	G2	G3 8.5 6.9					19.8 16.0				
	G1 11.8	G2 11.3	G3 8.5	9.8	21	20.5 16.8 18.9	20	19.8 16.0 17.5				
	G1 11.8 8.9 8.5 8.8	G2 11.3 9.1 7.2 8.5	G3 8.5 6.9 7.9	9.8 7.6 7.1 8.0	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4				
	G1 11.8 8.9 8.5	G2 11.3 9.1 7.2	G3 8.5 6.9 7.9	9.8 7.6 7.1	21 17.9 17.6	20.5 16.8 18.9	20 15.6 18.3	19.8 16.0 17.5				
	G1 11.8 8.9 8.5 8.8 9.3	G2 11.3 9.1 7.2 8.5 9.1	G3 8.5 6.9 7.9 9.5	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4				
	G1 11.8 8.9 8.5 8.8 9.3	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat	8.5 6.9 7.9 9.5 Average	9.8 7.6 7.1 8.0	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4 18.5				
	G1 11.8 8.9 8.5 8.8 9.3	G2 11.3 9.1 7.2 8.5 9.1	8.5 6.9 7.9 9.5 Average	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8	20.5 16.8 18.9 16.2	20 15.6 18.3 14.4	19.8 16.0 17.5 15.4 18.5				
	G1 11.8 8.9 8.5 8.8 9.3	9.1 7.2 8.5 9.1 Prime Coat	8.5 6.9 7.9 9.5 Average FLANGE	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8 18.3	20.5 16.8 18.9 16.2 20.9	20 15.6 18.3 14.4 18.5	19.8 16.0 17.5 15.4 18.5				
	61 11.8 8.9 8.5 8.8 9.3 BOTTOM C	9.1 7.2 8.5 9.1 Prime Coat OF LOWER G2	8.5 6.9 7.9 9.5 Average FLANGE G3	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading	21 17.9 17.6 17.8 18.3	20.5 16.8 18.9 16.2 20.9	20 15.6 18.3 14.4 18.5	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading				
	G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6	91 7.2 8.5 9.1 Prime Coat OF LOWER G2 8.7	8.5 6.9 7.9 9.5 Average FLANGE G3 5.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4	21 17.9 17.6 17.8 18.3 G1 23.3	20.5 16.8 18.9 16.2 20.9 G2	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5				
	61 11.8 8.9 8.5 8.8 9.3 BOTTOM C 61 7.6 14.5	9.1 7.2 8.5 9.1 Prime Coat OF LOWER 62 8.7 12.5	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7	21 17.9 17.6 17.8 18.3 G1 23.3 12.2 19.5	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6	20 15.6 18.3 14.4 18.5 G3 18.2 13.3	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9				
	61 11.8 8.9 8.5 8.8 9.3 BOTTOM C 61 7.6 14.5 11.6 9.5 8.4	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat OF LOWER G2 8.7 12.5 9 10.3 9.1	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.8	21 17.9 17.6 17.8 18.3 G1 23.3 12.2 19.5 14	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7				
	G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat OF LOWER G2 8.7 12.5 9 10.3 9.1	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5	21 17.9 17.6 17.8 18.3 G1 23.3 12.2 19.5 14 12.2 17.1	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9				
	61 11.8 8.9 8.5 8.8 9.3 BOTTOM C 61 7.6 14.5 11.6 9.5 8.4 9.3	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat OF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1	21 17.9 17.6 17.8 18.3 G1 23.3 12.2 19.5 14 12.2 17.1 19.7	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1				
**	G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	8.5 6.9 7.9 9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	21 17.9 17.6 17.8 18.3 8 18.3 23.3 12.2 19.5 14 12.2 17.1 19.7 13.5	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8				
	G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8 7.2	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2 8 6.4	63 8.5 6.9 7.9 9.5 Average FLANGE 63 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0 6.1	21 17.9 17.6 17.8 18.3 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7 13.5 9.5	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1 13.2	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8 14.4	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8 10.0				
	G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	G2 11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	21 17.9 17.6 17.8 18.3 8 18.3 23.3 12.2 19.5 14 12.2 17.1 19.7 13.5	20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1	20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8				

CALIFORNIA AVE. BRIDGE SR4265-A02

Dry Film Measurements 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam.

Note 1: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONT 80% of Min.				DFT CONTROL AREA 1 FINISH COAT 80% of Min.(9) = 7.2 120% of Max. (18) = 21.6										
Location: Sl	PAN 2 BAY	6 - CROS	S BEAM NORTH	END										
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading							
9.7	10.7	9.6	9.3	17.5	16.3	18.8	16.8							
9.4	7.7	8.2	7.7	19.6	21	18.6	19.0							
6.6	7.5	7.4	6.4	13.7	14.5	15.9	14.0							
6.4	7.1	7.1	6.1	22	19.6	19.1	19.5							
7.7	7.1	7.1	6.6	17.1	17.4	18.7	17.0							
8.4	11.2	10.4	9.3	24.3	23	23	22.7							
10.4	10	8.7	9.0	15.9	17.2	17	16.0							
8.4	10.1	9.9	8.7	22	20	20.9	20.2							
11.4	8.9	10.4	9.5	13	12.5	12.6	12.0							
8.4	7.5	8	7.2	18.8	21	19.5	19.0							
8.2	7	4.8	5.9	14.4	14.1	15.5	13.9							
7.3	6.3	7.3	6.2	18.1	16.9	19.6	17.5							
	Prime Coat	Average	7.6		Finish Coat	Average	17.3							

DFT CONT	ROL AREA	2 PRIME	COAT	DFT CONT	ROL AREA	2 FINISH (COAT						
80% of Min	.(3) = 2.4 1	20% of Max	x. 8 = 9.6	80% of Min.(9) = 7.2 120% of Max. (18) = 21.6									
Location: S	PAN 2 BAY	'6 - MAIN E	BEAM SOUTHBO	UND, INSID	E								
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading						
12.3	8.2	7.9	8.7	17.9	15.5	15.5	15.6						
9	8.1	10.5	8.5	16.1	14.7	15.3	14.6						
10.4	10.1	10.2	9.5	19	22	19.4	19.4						
8.1	9.3	8.8	8.0	20.3	21.2	21.8	20.4						
9.8	10.3	10.9	9.6	23.5	23.3	26	23.5						
Apprendiction of the second second	Prime Coat	Average	8.8		Finish Coa	l Average	18.7						

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

NOIG Z.	iteu vaiues	ale out of t	ne specined rang	nge and tollerance provided by PA-2.									
DFT CONT	ROL AREA	A 3 PRIME	COAT	DFT CONTROL AREA 3 FINISH COAT									
80% of Min	.(3) = 2.4 1	120% of Ma	x. 8 = 9.6	80% of Mir	n.(9) = 7.2 1	20% of Max	c. (18) = 21.6						
Location: S	PAN 2 BAY	7 - WEB F	ACE OF OUTSIE	E MAIN BE	AM NORTH	BOUND SIE	DE						
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading						
7.6	8.6	9.1		13	17	16	14.6						
10.1	13.7	11.5	11.0	19.7	22.9	22.7	21.0						
10.6	9.3	10.7	9.5	16.7		16.2	15.4						
7.7	5.4	7.7	6.2	12.8	13.8	14.2	12.9						
9.5	8.8	9.4	8.5	15.2	14.4	14.6	14.0						
7.1	8.5	7.9	7.1	15.5	13.6	15.5	14.1						
10.9	10.1	10.4	9.7	19.8	20	20.3	19.3						
10	10.3	9.4	9.2	15.9	15.8	15.3	14.9						
6.6	6.9	6	5.8	14.4	14.2	13.7	13.4						
9.3	10.6	9.1	8.9	16.6		17.3	16.3						
6.8	7.8	10	7.5	14.8	15.8	13.2	13.9						
8.4	8	9.9	8.0	16.8		16.8	16.1						
8.7	7.6	8.9	7.7	15.3		16.2	14.7						
8.2	7.7	9.3	7.7	14.8		15.2	14.4						
9	9.4	7.6	7.9	14.2	14.3	13.5	13.3						
	Prime Coat	Average	8.1		Finish Coa	Average	15.2						
				30	i illioti Ooa	Trivolago							
TOP OF BO	OTTOM FLA	ANGE											
G1	G2	ANGE G3	Spot Reading	G1	G2	G3	Spot Reading						
G1 11.8	OTTOM FLA	ANGE G3 8.5	Spot Reading 9.8	21	G2 20.5	G3 20	Spot Reading 19.8						
G1 11.8 8.9	OTTOM FL/ G2 11.3 9.1	ANGE G3	Spot Reading	21 17.9	G2 20.5 16.8	G3 20 15.6	Spot Reading 19.8 16.0						
G1 11.8 8.9 8.5	OTTOM FLA G2 11.3 9.1 7.2	ANGE G3 8.5 6.9 7.9	Spot Reading 9.8 7.6 7.1	21 17.9 17.6	G2 20.5 16.8 18.9	G3 20 15.6 18.3	Spot Reading 19.8 16.0 17.5						
G1 11.8 8.9 8.5 8.8	OTTOM FLA G2 11.3 9.1 7.2 8.5	ANGE G3 8.5 6.9 7.9	9.8 7.6 7.1 8.0	21 17.9 17.6 17.8	G2 20.5 16.8 18.9 16.2	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4						
G1 11.8 8.9 8.5	OTTOM FLA G2 11.3 9.1 7.2	ANGE G3 8.5 6.9 7.9	Spot Reading 9.8 7.6 7.1	21 17.9 17.6	G2 20.5 16.8 18.9	G3 20 15.6 18.3	Spot Reading 19.8 16.0 17.5						
G1 11.8 8.9 8.5 8.8 9.3	OTTOM FLA G2 11.3 9.1 7.2 8.5	ANGE G3 8.5 6.9 7.9 9.5	9.8 7.6 7.1 8.0	21 17.9 17.6 17.8	G2 20.5 16.8 18.9 16.2	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4						
G1 11.8 8.9 8.5 8.8 9.3	770M FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coat	ANGE G3 8.5 6.9 7.9 9.5	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8	G2 20.5 16.8 18.9 16.2	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4 18.5						
G1 11.8 8.9 8.5 8.8 9.3	770M FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coat	ANGE G3 8.5 6.9 7.9 9.5	9.8 7.6 7.1 8.0 8.6	21 17.9 17.6 17.8	G2 20.5 16.8 18.9 16.2	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4 18.5						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6	Prime Coat FLOWER G2 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER G2 8.7	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4	21 17.9 17.6 17.8 18.3 G1 23.3	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3	G3 20 15.6 18.3 14.4 18.5 G3 18.2	\$pot Reading 19.8 16.0 17.5 15.4 18.5 17.4 \$pot Reading 18.5						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5	Prime Coat FLOWER G2 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER G2 8.7 12.5	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7	21 17.9 17.6 17.8 18.3 G1 23.3 12.2	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3	\$pot Reading 19.8 16.0 17.5 15.4 18.5 17.4 \$pot Reading 18.5 11.6						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6	Prime Coat FLOWER 62 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER 62 8.7 12.5 9	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16	\$pot Reading 19.8 16.0 17.5 15.4 18.5 17.4 \$pot Reading 18.5 11.6 16.9						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5	Prime Coat FLOWER G2 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER G2 8.7 12.5 9 10.3	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4	\$pot Reading 19.8 16.0 17.5 15.4 18.5 17.4 \$pot Reading 18.5 11.6 16.9 13.1						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4	Prime Coate 62 11.3 9.1 7.2 8.5 9.1 Prime Coate F LOWER 62 8.7 12.5 9 10.3 9.1	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	9.8 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14 12.2	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	\$pot Reading 19.8 16.0 17.5 15.4 18.5 17.4 \$pot Reading 18.5 11.6 16.9 13.1 12.7						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3	Prime Coat FLOWER 62 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER 62 8.7 12.5 9 10.3 9.1	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7	\$\frac{9.8}{7.6}\$ \$\frac{7.1}{8.0}\$ \$\frac{8.2}{5pot Reading}\$ \$\frac{6.4}{12.7}\$ \$\frac{8.7}{8.8}\$ \$\frac{8.3}{9.5}\$	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14 12.2 17.1	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16	\$pot Reading 19.8 16.0 17.5 15.4 18.5 17.4 \$pot Reading 18.5 11.6 16.9 13.1 12.7 15.9						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3	DTTOM FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coate F LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 9.4	\$\frac{\text{Spot Reading}}{9.8}\$ 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 15 16.9 17.1	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	DTTOM FLA G2 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$\frac{\text{Spot Reading}}{9.8}\$ 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7 13.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1 13.2	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8 7.2	DTTOM FLA G2 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2 8 6.4	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3 7	\$\frac{\text{Spot Reading}}{9.8}\$ 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0 6.1	21 17.9 17.6 17.8 18.3 8 18.3 9.5 14 12.2 19.5 14 12.2 17.1 19.7 13.5 9.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13.1 15 16.9 17.1	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8 14 12.3	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8 10.0						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	DTTOM FLA G2 11.3 9.1 7.2 8.5 9.1 Prime Coat FLOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$\frac{\text{Spot Reading}}{9.8}\$ 7.6 7.1 8.0 8.6 8.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	21 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14 12.2 17.1 19.7 13.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13.1 15 16.9 17.1	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8						

CALIFORNIA AVE. BRIDGE SR4265-A02

Dry Film Measurements 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam.

Note 1: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONTE 80% of Min.				DFT CONTROL AREA 1 FINISH COAT 80% of Min.(9) = 7.2 120% of Max. (18) = 21.6											
Location: SF	PAN 2 BAY	6 - CROS	BEAM NORTH	END											
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading								
9.7	10.7	9.6	9.3	17.5	16.3	18.8	16.8								
9.4	7.7	8.2	7.7	19.6	21	18.6	19.0								
6.6	7.5	7.4	6.4	13.7	14.5	15.9	14.0								
6.4	7.1	7.1	6.1	22	19.6	19.1	19.5								
7.7	7.1	7.1	6.6	17.1	17.4	18.7	17.0								
8.4	11.2	10.4	9.3	24.3	23	23	22.7								
10.4	10	8.7	9.0	15.9	17.2	17	16.0								
8.4	10.1	9.9	8.7	22	20	20.9	20.2								
11.4	8.9	10.4	9.5	13	12.5	12.6	12.0								
8.4	7.5	8	7.2	18.8	21	19.5	19.0								
8.2	7	4.8	5.9	14.4	14.1	15.5	13.9								
7.3	6.3	7.3	6.2	18.1	16.9	19.6	17.5								
Р	rime Coat	Average	7.6		Finish Coat	Average	17.3								

DFT CONT	ROL AREA	2 PRIME	COAT	DFT CONTROL AREA 2 FINISH COAT									
80% of Min	.(3) = 2.4 1	20% of Ma	x. 8 = 9.6	80% of Min.(9) = 7.2 120% of Max. (18) = 21.6									
Location: SPAN 2 BAY 6 - MAIN BEAM SOUTHBOUND, INSIDE													
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading						
12.3	8.2	7.9	8.7	17.9	15.5	15.5	15.6						
9	8.1	10.5	8.5	16.1 14.7 15.3 14.6									
10.4	10.1	10.2	9.5	19	22	19.4	19.4						
8.1	9.3	8.8	8.0	20.3	21.2	21.8	20.4						
9.8	10.3	10.9	9.6	23.5 23.3 26 23.5									
	Prime Coat	Average	8.8		Finish Coa	Average	18.7						

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam. Note: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

				nge and tollerance provided by PA-2.										
DFT CONT	ROL AREA	3 PRIME	COAT	DFT CONTROL AREA 3 FINISH COAT										
80% of Min.	.(3) = 2.4 1	20% of Ma	x. 8 = 9.6	80% of Mir	n.(9) = 7.2 1	120% of Max	x. (18) = 21.6							
Location: SI	PAN 2 BAY	7 - WEB F	ACE OF OUTSIE	DE MAIN BEA	AM NORTH	BOUND SID)E							
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading							
7.6	8.6	9.1	7.7	13	17	16	14.6							
10.1	13.7	11.5	11.0	19.7	22.9	22.7	21.0							
10.6	9.3	10.7	9.5	16.7	15.5	16.2	15.4							
7.7	5.4	7.7	6.2	12.8	13.8	14.2	12.9							
9.5	8.8	9.4	8.5	15.2	14.4	14.6	14.0							
7.1	8.5	7.9	7.1	15.5	13.6	15.5	14.1							
10.9	10.1	10.4	9.7	19.8	20	20.3	19.3							
10	10.3	9.4	9.2	15.9		15.3	14.9							
6.6	6.9	6	5.8	14.4	14.2	13.7	13.4							
9.3	10.6	9.1	8.9	16.6	17.1	17.3	16.3							
6.8	7.8	10	7.5	14.8		13.2	13.9							
8.4	8	9.9	8.0	16.8		16.8	16.1							
8.7	7.6	8.9	7.7	15.3	14.7	16.2	14.7							
8.2	7.7	9.3	7.7	14.8	15.5	15.2	14.4							
9	9.4	7.6	7.9	14.2	14.3	13.5	13.3							
F	Prime Coat	Average	8.1		Finish Coa	Average	15.2							
TOP OF BO	TTOM FLA	NGE												
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading							
11.8	11.3	8.5	9.8	21	20.5	20	19.8							
8.9	9.1	6.9	7.6	17.9	16.8	15.6	16.0							
8.5	7.2	7.9	7.1	17.6	18.9	18.3	17.5							
8.8	8.5	9	8.0	17.8	16.2	14.4	15.4							
9.3	9.1	9.5	8.6	18.3	20.9	18.5	18.5							
F	Prime Coat	•												
	THIT COUL	Average	8.2			F1 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	17.4							
воттом о			8.2				17.4							
G1	F LOWER G2		8.2 Spot Reading	G1	G2	G3	17.4 Spot Reading							
G1 7.6	F LOWER G2 8.7	FLANGE G3 5.2	Spot Reading 6.4	23.3	16.3	18.2	Spot Reading 18.5							
G1 7.6 14.5	F LOWER G2 8.7 12.5	FLANGE G3 5.2 13.2	Spot Reading 6.4 12.7	23.3 12.2	16.3 11.6	18.2 13.3	Spot Reading 18.5 11.6							
7.6 14.5 11.6	F LOWER G2 8.7 12.5	FLANGE G3 5.2 13.2 7.7	Spot Reading 6.4 12.7 8.7	23.3	16.3	18.2 13.3 16	Spot Reading 18.5 11.6 16.9							
7.6 14.5 11.6 9.5	F LOWER G2 8.7 12.5 9 10.3	FLANGE G3 5.2 13.2 7.7 8.7	Spot Reading 6.4 12.7 8.7 8.8	23.3 12.2 19.5 14	16.3 11.6 17.3 13	18.2 13.3 16 14.4	Spot Reading 18.5 11.6 16.9 13.1							
7.6 14.5 11.6 9.5 8.4	F LOWER G2 8.7 12.5 9 10.3 9.1	FLANGE G3 5.2 13.2 7.7 8.7 9.7	\$pot Reading 6.4 12.7 8.7 8.8 8.8	23.3 12.2 19.5 14 12.2	16.3 11.6 17.3 13	18.2 13.3 16 14.4 13.1	Spot Reading 18.5 11.6 16.9 13.1 12.7							
7.6 14.5 11.6 9.5 8.4 9.3	F LOWER G2 8.7 12.5 9 10.3 9.1 9.6	FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7	5pot Reading 6.4 12.7 8.7 8.8 8.3 9.5	23.3 12.2 19.5 14 12.2 17.1	16.3 11.6 17.3 13 15	18.2 13.3 16 14.4 13.1	Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9							
7.6 14.5 11.6 9.5 8.4 9.3 9.8	F LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4	\$pot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1	23.3 12.2 19.5 14 12.2 17.1 19.7	16.3 11.6 17.3 13 15 16.9	18.2 13.3 16 14.4 13.1 16 16.8	Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1							
7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	F LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7	\$pot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	23.3 12.2 19.5 14 12.2 17.1 19.7 13.5	16.3 11.6 17.3 13 15 16.9 17.1	18.2 13.3 16 14.4 13.1 16 16.8 14	Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8							
7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	F LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2 8 6.4	FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$pot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0 6.1	23.3 12.2 19.5 14 12.2 17.1 19.7 13.5 9.5	16.3 11.6 17.3 13 15 16.9 17.1 13.2	18.2 13.3 16 14.4 13.1 16 16.8 14	Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8 10.0							
7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8	F LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$pot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	23.3 12.2 19.5 14 12.2 17.1 19.7 13.5	16.3 11.6 17.3 13 15 16.9 17.1	18.2 13.3 16 14.4 13.1 16 16.8 14	Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8							

CALIFORNIA AVE. BRIDGE SR4265-A02

Dry Film Measurements 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam.

Note 1: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2: Red values are out of the specified range and tollerance provided by PA-2.

DFT CONTI 80% of Min.				DFT CONTROL AREA 1 FINISH COAT 80% of Min.(9) = 7.2 120% of Max. (18) = 21.6										
Location: SF	PAN 2 BAY	6 - CROS	S BEAM NORTH	END										
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading							
9.7	10.7	9.6	9.3	17.5	16.3	18.8	16.8							
9.4	7.7	8.2	7.7	19.6	21	18.6	19.0							
6.6	7.5	7.4	6.4	13.7	14.5	15.9	14.0							
6.4	7.1	7.1	6.1	22	19.6	19.1	19.5							
7.7	7.1	7.1	6.6	17.1	17.4	18.7	17.0							
8.4	11.2	10.4	9.3	24.3	23	23	22.7							
10.4	10	8.7	9.0	15.9	17.2	17	16.0							
8.4	10.1	9.9	8.7	22	20	20.9	20.2							
11.4	8.9	10.4	9.5	13	12.5	12.6	12.0							
8.4	7.5	8	7.2	18.8	21	19.5	19.0							
8.2	7	4.8	5.9	14.4	14.1	15.5	13.9							
7.3	6.3	7.3	6.2	18.1	16.9	19.6	17.5							
F	Prime Coat	Average	7.6		Finish Coat	Average	17.3							

DFT CONT	ROL AREA	A 2 PRIME	COAT	DFT CONT	ROL AREA	2 FINISH (COAT							
80% of Min	.(3) = 2.4 1	20% of Max	x. 8 = 9.6	80% of Min	1.(9) = 7.2 1	20% of Max	c. (18) = 21.6							
Location: S	Location: SPAN 2 BAY 6 - MAIN BEAM SOUTHBOUND, INSIDE													
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading							
12.3	8.2	7.9	8.7	17.9	15.5	15.5	15.6							
9	8.1	10.5	8.5	16.1	14.7	15.3	14.6							
10.4	10.1	10.2	9.5	19	22	19.4	19.4							
8.1	9.3	8.8	8.0	20.3	21.2	21.8	20.4							
9.8	10.3	10.9	9.6	23.5	23.3	26	23.5							
	Prime Coat	Average	8.8		Finish Coat	Average	18.7							

CALIFORNIA AVE. BRIDGE SR4265-A02

Film Thickness Inspection 10/28/06

Span 2 Bays 6,7,8,9(Full Bays) - Bays 10,11,12 (Partial) and Prime Coat, Span 3 Bay 5 North X Beam. Note: A base metal reading of 0.75 was subtracted from each spot readings.

Note 2:	Red values	are out of t	he specified rang	nge and tollerance provided by PA-2.									
DFT CON	TROL AREA	A 3 PRIME	COAT	DFT CONTROL AREA 3 FINISH COAT									
80% of Mir	n.(3) = 2.4	120% of Ma	x. 8 = 9.6	80% of Mir	1.(9) = 7.2 1	20% of Max	c. (18) = 21.6						
Location: S	SPAN 2 BAY	7 - WEB F	ACE OF OUTSIE	E MAIN BEA	AM NORTH	BOUND SIE	DE						
G1	G2	G3	Spot Reading	G1	G2	G3	Spot Reading						
7.6	8.6	9.1	7.7	13	17	16	14.6						
10.1	13.7	11.5	11.0	19.7	22.9	22.7	21.0						
10.6			9.5	16.7	15.5	16.2	15.4						
7.7	5.4	7.7	6.2	12.8	13.8	14.2	12.9						
9.5	8.8	9.4	8.5	15.2	14.4	14.6	14.0						
7.1	8.5	7.9	7.1	15.5	13.6	15.5	14.1						
10.9	10.1	10.4	9.7	19.8	20	20.3	19.3						
10	10.3	9.4	9.2	15.9	15.8	15.3	14.9						
6.6			5.8	14.4	14.2	13.7	13.4						
9.3		9.1	8.9	16.6	17.1	17.3	16.3						
6.8		10	7.5	14.8	15.8	13.2	13.9						
8.4		9.9	8.0	16.8	16.9	16.8	16.1						
8.7	7.6	8.9	7.7	15.3	14.7	16.2	14.7						
8.2	7.7	9.3	7.7	14.8	15.5	15.2	14.4						
9	9.4	7.6	7.9	14.2	14.3	13.5	13.3						
V432/400 S1302	Prime Coat	Avorago	8.1		Cipiah Cool	Avenage	15.2						
			0.1	8	Finish Coat	Average	15.2						
TOP OF B	OTTOM FL			40 40									
G1	OTTOM FL/ G2	ANGE G3	Spot Reading	G1	G2	G3	Spot Reading						
G1 11.8	OTTOM FL/ G2 11.3	ANGE					Spot Reading 19.8						
G1 11.8 8.9	OTTOM FL/ G2	ANGE G3	Spot Reading	G1	G2	G3	Spot Reading						
G1 11.8 8.9 8.5	OTTOM FL/ G2 11.3 9.1 7.2	ANGE G3 8.5	9.8 7.6 7.1	G1 21 17.9 17.6	G2 20.5 16.8 18.9	G3 20	Spot Reading 19.8 16.0 17.5						
G1 11.8 8.9 8.5 8.8	OTTOM FL/ G2 11.3 9.1 7.2 8.5	ANGE G3 8.5 6.9 7.9 9	Spot Reading 9.8 7.6	G1 21 17.9 17.6 17.8	G2 20.5 16.8	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4						
G1 11.8 8.9 8.5	OTTOM FL/ G2 11.3 9.1 7.2 8.5	ANGE G3 8.5 6.9 7.9	9.8 7.6 7.1	G1 21 17.9 17.6	G2 20.5 16.8 18.9	G3 20 15.6 18.3	Spot Reading 19.8 16.0 17.5						
G1 11.8 8.9 8.5 8.8	OTTOM FL/ G2 11.3 9.1 7.2 8.5	ANGE G3 8.5 6.9 7.9 9	9.8 7.6 7.1 8.0	G1 21 17.9 17.6 17.8	G2 20.5 16.8 18.9 16.2	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4						
G1 11.8 8.9 8.5 8.8 9.3	OTTOM FL/ G2 11.3 9.1 7.2 8.5 9.1	ANGE G3 8.5 6.9 7.9 9.5	9.8 7.6 7.1 8.0 8.6	G1 21 17.9 17.6 17.8	G2 20.5 16.8 18.9 16.2	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4 18.5						
G1 11.8 8.9 8.5 8.8 9.3	OTTOM FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3	9.8 7.6 7.1 8.0 8.6	G1 21 17.9 17.6 17.8 18.3	G2 20.5 16.8 18.9 16.2 20.9	G3 20 15.6 18.3 14.4	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6	OTTOM FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal DF LOWER G2 8.7	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2	G1 21 17.9 17.6 17.8 18.3	G2 20.5 16.8 18.9 16.2 20.9	G3 20 15.6 18.3 14.4 18.5	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C	OTTOM FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal DF LOWER G2 8.7 12.5	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2 \$spot Reading 6.4 12.7	G1 21 17.9 17.6 17.8 18.3 4 G1 23.3 12.2	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6 14.5	OTTOM FL/ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal DF LOWER G2 8.7 12.5	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2 \$spot Reading 6.4 12.7 8.7	G1 21 17.9 17.6 17.8 18.3 G1 23.3	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6 14.5 11.6 9.5	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal DF LOWER G2 8.7 12.5 9 10.3	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2 \$pot Reading 6.4 12.7 8.7 8.8	G1 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6 14.5 11.6 9.5 8.4	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2 \$pot Reading 6.4 12.7 8.7 8.8 8.3	G1 17.9 17.6 17.8 18.3 61 23.3 12.2 19.5 14	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6 14.5 11.6 9.5 8.4 9.3	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2 \$pot Reading 6.4 12.7 8.7 8.8 8.3 9.5	G1 17.9 17.6 17.8 18.3 8 18.3 12.2 19.5 14 12.2 17.1	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6 14.5 11.6 9.5 8.4 9.3	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coat DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7	\$pot Reading 9.8 7.6 7.1 8.0 8.6 \$.2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1	G1 21 17.9 17.6 17.8 18.3 G1 23.3 12.2 19.5 14 12.2 17.1 19.7	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.3 7.8	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$pot Reading 9.8 7.6 7.1 8.0 8.6 \$2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	G1 21 17.9 17.6 17.8 18.3 18.3 12.2 19.5 14 12.2 17.1 19.7 13.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1 13.2	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8 14	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM 0 G1 7.6 14.5 11.6 9.5 8.4 9.3 9.8 7.8 7.2	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal OF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$pot Reading 9.8 7.6 7.1 8.0 8.6 8.2 \$pot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0 6.1	G1 17.9 17.6 17.8 18.3 18.3 12.2 19.5 14 12.2 17.1 19.7 13.5 9.5	G2 20.5 16.8 18.9 16.2 20.9 62 16.3 11.6 17.3 13 15 16.9 17.1 13.2	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8 14 12.3	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8 10.0						
G1 11.8 8.9 8.5 8.8 9.3 BOTTOM C G1 7.6 14.5 11.6 9.5 8.4 9.3 9.3 7.8	OTTOM FLJ G2 11.3 9.1 7.2 8.5 9.1 Prime Coal DF LOWER G2 8.7 12.5 9 10.3 9.1 9.6 13.2	ANGE G3 8.5 6.9 7.9 9.5 Average FLANGE G3 5.2 13.2 7.7 8.7 9.7 11.7 9.4 7.3	\$pot Reading 9.8 7.6 7.1 8.0 8.6 \$2 Spot Reading 6.4 12.7 8.7 8.8 8.3 9.5 10.1 7.0	G1 21 17.9 17.6 17.8 18.3 18.3 12.2 19.5 14 12.2 17.1 19.7 13.5	G2 20.5 16.8 18.9 16.2 20.9 G2 16.3 11.6 17.3 13 15 16.9 17.1 13.2	G3 20 15.6 18.3 14.4 18.5 G3 18.2 13.3 16 14.4 13.1 16 16.8 14	Spot Reading 19.8 16.0 17.5 15.4 18.5 17.4 Spot Reading 18.5 11.6 16.9 13.1 12.7 15.9 17.1 12.8						

Bridge Spans 3-Year Study JN250450

SYSTEM BRIDGE TEST SECTIONS COMPARISON OF FIELD COATING DATA YEAR 0 TO 3 PENNDOT CALIFORNIA AVE. PROJECT SW ACCELERATED BRIDGE PAINT

BRIDGE ⁽¹⁾	TENSILE E ADHESION ⁽²⁾	CHALKING ⁽³⁾	COMMENTS ⁽⁴⁾
	$\frac{\mathbf{A}}{\mathbf{R}}$ AVG. (PSI)	5 X	
	0 ⁽⁵⁾ 1,032	N/A	Overall 2006 (Year 0) to 2009 (Year 3) annearance remains
T/S Fosoio	1,576	8	good. Minor rust staining visible at crevice areas increased
OZ/E/II	1,982	8	slightly from year to year. Minor rust staining visible on
	3 1,937	•	bolt thread ends increased slightly from year to year. Minor
NET CHANGE	+905	No change	isolated single pinpoints (2 or 3) of rust noted on flange
Year 0 to 3			edges.
	0 ⁽⁵⁾ 1,413	N/A	Overall 2006 (Year 0) to 2009 (Year 3) appearance remains
O/S Fosoio	1 1,455	∞	boog,
OZ/E/II	1,685	∞	
Oranio	3 2,039	«	
NET CHANGE Year 0 to 3	+626	No change	
١,	$0^{(5)}$ 1,236	N/A	Overall 2006 (Year 0) to 2009 (Year 3) appearance is fair to
Span 3 bay 1	1,148	~	good. Pinpoint edge rusting visible on girder top and bottom
j	2 2,018	8	flange edges noted in Year 1(2007) increased slightly with
	3 1,332	*	each annual inspection. Isolated splotchy, streaky patches
NET CHANGE	96+	No change	of pinpoint rust visible on bottom flange faces and webs of
Year 0 to 3			members and rust staining at crevice areas noted in previous inspections increased at 2009 (Year 3).
_	0 ⁽⁵⁾ 991	N/A	Overall 2006 (Year 0) to 2009 (Year 3) appearance is good.
O/S Fassis	1 978	8	Pinpoint edge rusting on girder top and bottom flange edges
OZ/II	2 2,018	8	has increased slightly since previous inspections.
O IIZO	3 1,725	8	
NET CHANGE Year 0 to 3	75/4	No change	

NOTES:

- 3-ct. SW system (Zinc Clad III HS Primer/Macropoxy 646/Acrolon 218HS Urethane)
 2-ct. SW system (Corothane I Galvapac/Fast Clad Urethane).
- Tensile adhesion measured in accordance with ASTM D4541, "Pull-Off Strength of Coatings Using Portable Adhesion Testers," (Patti Tester used). 3
- Chalking evaluated in accordance with ASTM D4214, "Evaluating Degree of Chalking of Paint Films." 3
- Comments section provides results of visual inspection of the coating surface along with other pertinent information.
- (5) Year 0 = initial baseline measurements. Sherwin Williams

Test Panels 3-Year Study JN250450

SW ACCELERATED BRIDGE PAINTING SYSTEM TEST PANELS PADOT CALIFORNIA AVE. PROJECT COMPARISON OF TEST PANEL DATA YEAR 0 TO 3

	COMMENTS ⁽⁹⁾	Slight to moderate ninnoint edge meting observed at Vear 1	Panels unchanged at Year 2.	Panels unchanged at Year 3.					Oliverate to make the second s	Slight chiming around edges at Vear 2	Spot rusting at Year 3.						Slight to moderate pinpoint edge rusting observed at Year 1.	Slight chipping around edges at Year 2.	Spot rusting at Year 2.	Spot rusting at Year 3.					Lab control panel.	Panels unchanged at Year 2.	Panels unchanged at Year 3.				
	CHALKING ⁽³⁾ AVG.	N/A	8	8	8				N/A	× × ×	0	8					N/A	8	8	8					N/A	8	8	8			
	*4	-19.73	-15.74	-16.56	-15.10				10.51	-15.81	-15.14	-11.59					-19.79	-15.77	-15.33	-10.43					-19.95	-18.17	-18.12	-18.05			
COLOR ⁽⁴⁾	, e	-9.00	-9.44	-12.74	-12.34		4.76∆E	4.92∆E 5.76∧E	808	15.6-	-12.42	-10.79		3.98∆E	5.57∆E	9.15∆E	-3.85	-9.25	-11.98	-10.29		7.17∆E	9.30∆E	12.44∆E	-8.90	-11.98	-12.00	-12.03		3.72 AE	3.61∆E 3.66∆E
	1	60.69	66.53	68.73	68.36				09 89	67.33	69.07	64.49					68.99	66.51	68.26	63.93					68.44	69.53	68.70	68.52			
	GLOSS" AVG.	8.2	10.45	6.5	7.2		+2.25		7.5	6.0	7.4	3.8		9		-3.7	8.0	5.5	6.3	4.5		-2.5	1.7	-3.5	13.3	11.9	10.5	10.3		₹ .	-2.8
TENSILE	ADHESION ⁽²⁾ AVG. (PSI)	1,548	1,910	2,120	2,038		+362	+572 +535	1 820	1,746	1,929	1,684		-74	1891	-442	2,310	1,643	2,364	1,521		299 -	+54	-1754	1,847	2,256	2,281	1,970		+409	+434 -474
X .	L A R	ω^{0}	-	7	3	NGE		3.2	(¿0	-	2	ю	NGE	둧,	7 (<u>ئ</u>	() 0	1	7	æ	NGE	7	7	3	ω0	1	7	3	NGE	<u> </u>	7 m
	ranel NO:	·	1	OZ/E/U		NET CHANGE	Year 0 to 1	Year 0 to 2 Year 0 to 3		2	OZ/E/U		NET CHANGE	Year 0 to 1	Year U to Z	Year 0 to		m	OZ/E/U		NET CHANGE	Year 0 to 1	Year 0 to 2	Year 0 to 3		4	OZ/E/U		NET CHANGE	Year 0 to 1	Year 0 to 2 Year 0 to 3

Sherwin Williams California Avenue Bridge

	COMMENTS ⁽⁶⁾	Lab control panel.	Panels unchanged at Year 2.	Panels unchanged at Year 3.						Slight to moderate pinpoint edge rusting observed at Year 1	Slight chipping around edges at Year 2.	Some rusting where steel substrate is exposed at Year 3.					Slight to moderate pinpoint edge rusting observed at Year 1.	Panels unchanged at Year 2.	Panels unchanged at Year 3.						Slight to moderate pinpoint edge rusting observed at Year 1.	Slight chipping around edges at Year 2.	Rusting where steel is exposed and spot rusting at Year 3.					
	CHALKING ^{©)} AVG.	N/A	8	8	~					N/A	8	8	8				N/A	8	8	8					N/A	8	8	8				
	.	-19.54	-17.76	-17.66	-17.67					-19.41	-17.88	-16.55	-14.43				-19.51	-17.56	-15.46	-15.22					-19.28	-17.00	-15.89	-14.12		• .		
COLOR	*	-9.32	-12.39	-12.45	-12.48		3.61∆E	3.68∆E	3.69∆E	-9.23	-9.72	-12.72	-12.19	1 77 A E	1.72∆E 4.55∆E	5.89∆E	-9.24	-9.52	-12.65	-12.52		2.18∆E	5.35∆E	5.43∆E	-9.70	-9.65	-12.71	-12.18		2.46∆E	4.53∆E	5.79AE
	7	68.64	69.29	60.69	00.69					68.11	67.50	89.89	67.02				68.20	67.26	67.46	29.79					62.29	99.99	09.79	-66.72				
	GLOSS	21.4	23.9	27.8	23.9		+2.5	+6.4	+2.5	21.7	16.5	12.9	12.1	63	. œ.	-9.6	17.4	16.3	12.8	9.5		Ħ	-4.6	-7.9	18.2	18.5	17.3	13.1		+0.3	6.0-	-5.1
TENSILE	ADHESION ⁽²⁾ AVG. (PSI)	1,956	2,363	2,171	2,310		+407	+215	+440	2,228	2,092	2,226	1,929	ye. 5	-2	-759	2,242	2,160	2,348	2,011		-82	+106	-718	2,201	1,861	1,559	1,344		-340	-642	-1,588
$\bar{\mathbf{x}}$	RA	0(1)	-	7	3	NGE	7	2	3	ω0		7	3	9 -	(7	3	0(2)	1	7	3	NGE	_	7	3	0(2)	1	7	3	VGE	_	7	3
	NO.		v	0/20		NET CHANGE	Year 0 to 1	Year 0 to 2	Year 0 to		9	OZ/O		NET CHANGE	Year 0 to	Year 0 to 3		7	Ω/ ZO		NET CHANGE	Year 0 to 1	Year 0 to 2	Year 0 to 3		œ	OZ/O		NET CHANGE	Year 0 to 1	Year 0 to 2	Year 0 to 3

- Panels 1 through 4 coated w/3-ct SW System (Zinc Clad III HS Primer/Macropoxy 646/Acrolon 218 HS Urethane).
 - Panels 5 through 8 coated w/2-ct SW System (Corothane I Galvapac Zinc Rich Primer/Fast Clad Urethane).
- Tensile adhesion measured in accordance with ASTM D 4541, "Pull-Off Strength of Coatings Using Portable Adhesion Testers," (Pneumatic Tester used). 884866
 - Gloss measured using 60° gloss meter in accordance with ASTM D 523, "Specular Gloss."
- Chalking evaluated in accordance with ASTM D 4214, "Evaluating Degree of Chalking of Exterior Paint Films." Color retention measured in accordance with ASTM D 2244, "Calculation of Color Tolerances."
- Comments section provides results of visual inspection of the coating surface along with other pertinent information.
 - Year 0 = initial baseline measurements.



September 12, 2006

Mr. Michael Lignos CorCon Painting Lowellville, Oh.

Re: Pre-paint meeting follow-up

Michael,

As you recall there were several issues brought up at the referenced meeting requiring clarification by Sherwin-Williams. These issues are as follows:

1. Sherwin Williams to provide a detail and instructions for the over lap areas where the two coat paint system meets the three coat paint system.

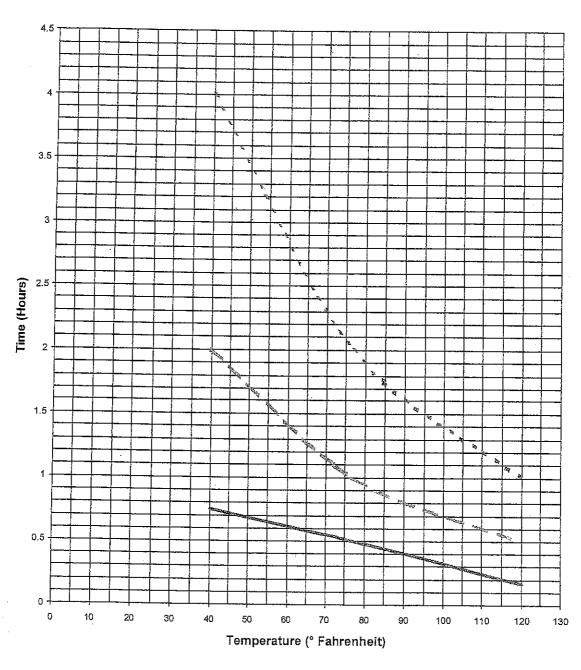
- 2. Sherwin Williams to provide an expanded dry film thickness range for the GalvaPac Primer.
- 3. Sherwin Williams to provide a maximum value for spot dry film thickness readings, in accordance with SSPC-PA2.
- 4. Sherwin Williams to provide dry time curves for each component of the two coat and three coat paint system.
- 5. Sherwin Williams to provide mixing instructions as regards the accelerator and the GalvaPac primer.

Our response to these issues is as follows:

- 1. Detail and instructions for the overlap area are attached for your review. We will also provide on site technical support to implement this procedure.
- 2. The acceptable dry film thickness range for the GalvaPac Primer is 3-5 mils DFT when measured in accordance with SSPC-PA2
- Maximum spot value dry film thickness readings are as follows when measured in accordance with SSPC-PA2:
 - a. GalvaPac = 5 mils dft
 - b. GalvaPac + FastClad = 17 mils dft
 - c. ZincClad III HS = 5 mils dft
 - d. ZincClad III HS + Macropoxy 646 = 15 mils dft
 - e. ZincClad IIIHS + Macropoxy 646 + Acrolon 218HS = 21 mils dft
- 4. Dry Time Curves for each component are attached.
- 5. The addition of the accelerator must occur during the agitation of the Galvapac. Add 12 ounces of the accelerator per full kit of GalvaPac prior to agitation. Twelve ounces is equal to one full clean soda can. The accelerator should not be added for applications with brush and/ or roller. These applications are limited to small areas to repair holidays and light areas, and stripe coating.

Zinc Clad™ III HS



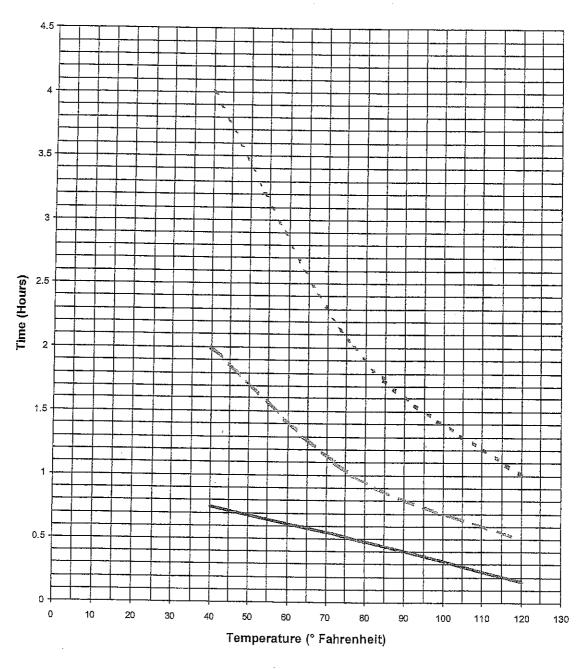


To touch To handle To recoat

The above drying schedule is at 5.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only.

Zinc Clad™ III HS



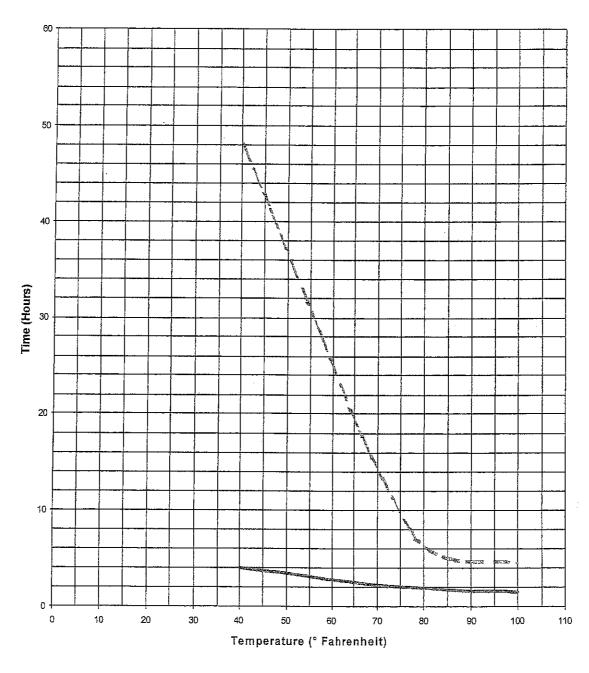


To touch To handle ==To recoat

The above drying schedule is at 5.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only.

Macropoxy® 646 Fast Cure Epoxy



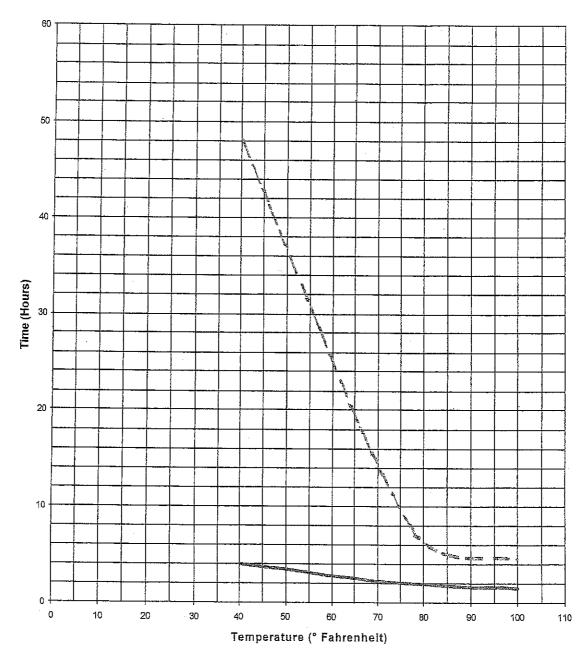


To touch == = To handle = = = To recoat

The above drying schedule is at 7.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only

Macropoxy® 646 Fast Cure Epoxy





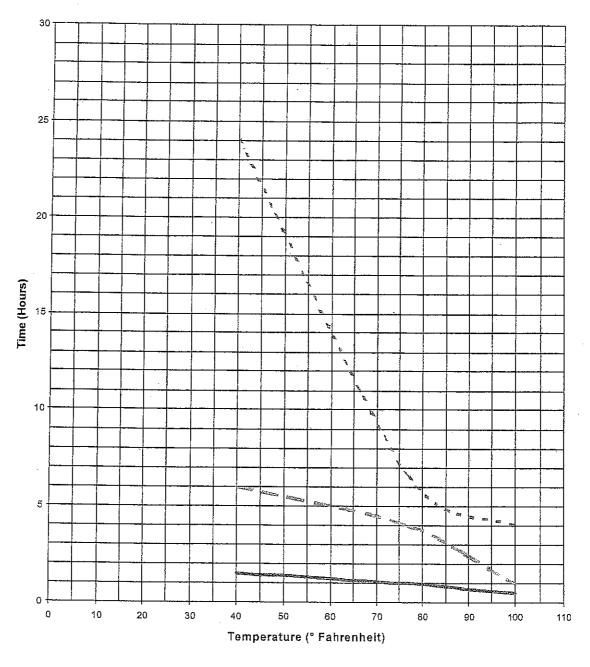
To touch To handle F = To recoat

The above drying schedule is at 7.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent.

The above information is provided for guideline use only

Macropoxy® 646 Fast Cure Epoxy with Quik-Kick Epoxy Accelerator (B60V200)





To touch □ Tack free □ S = To recoat

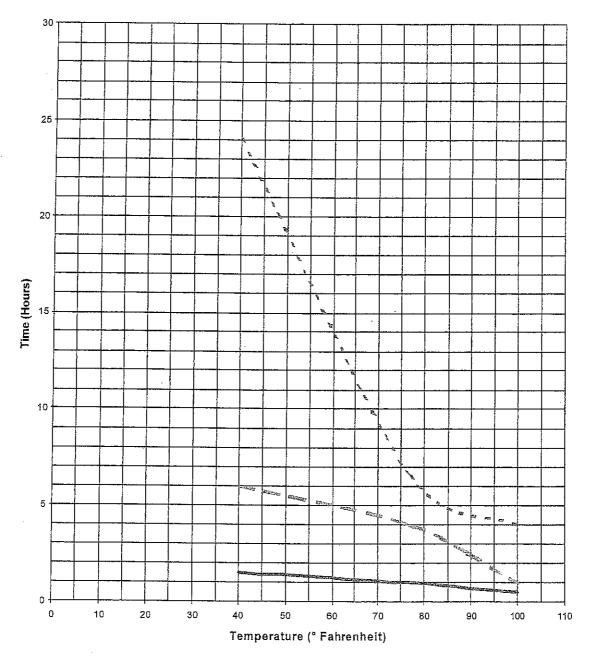
The above drying schedule is at 7.0 mils wet at 50% relative humidity.

Drying time is temperature, humidity, and film thickness dependent.

The above information is provided for guideline use only

Macropoxy® 646 Fast Cure Epoxy with Quik-Kick Epoxy Accelerator (B60V200)





To touch same of Tack free so so To recoat

The above drying schedule is at 7.0 mils wet at 50% relative humidity.

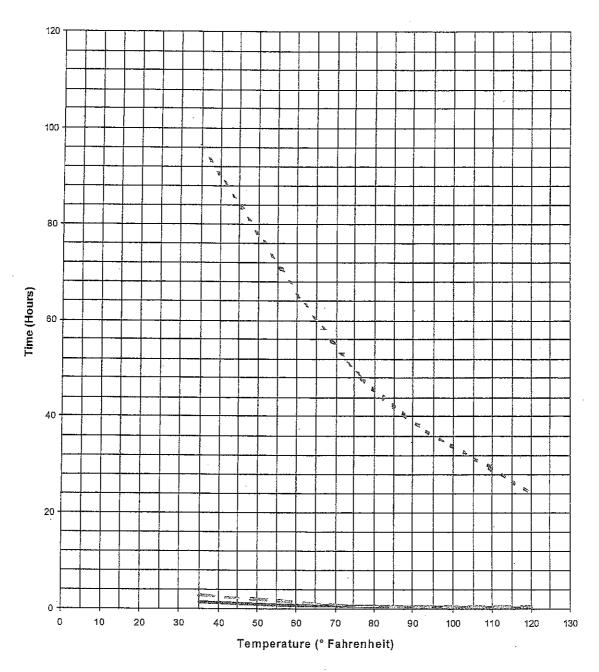
Drying time is temperature, humidity, and film thickness dependent.

The above information is provided for guideline use only

Fast Clad™ Urethane



2 coat system



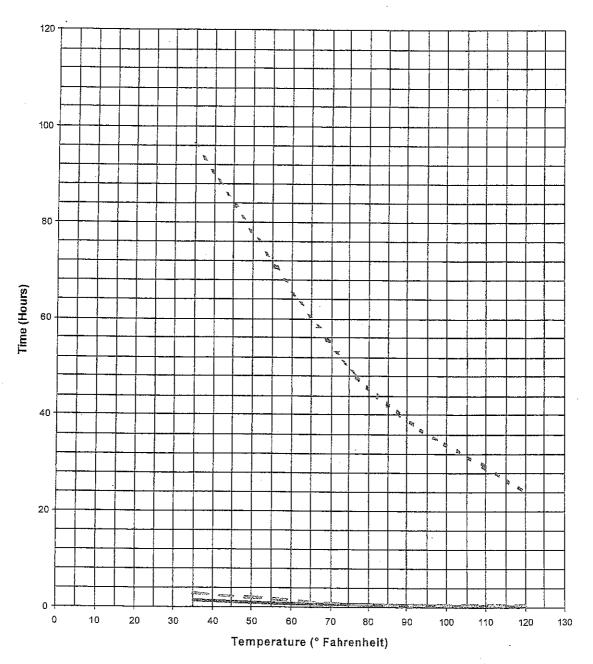
To touch ≈ ™ To handle ≈ ™ ™ To cure

The above drying schedule is at 10.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only.

Fast Clad™ Urethane



2 coat system



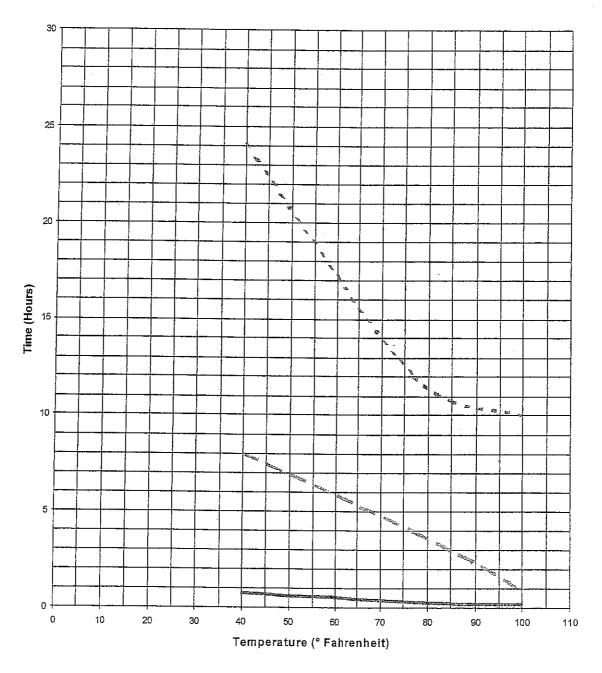
		····		
To touch	557722	≖To handle	数	■ ≂To cure

The above drying schedule is at 10.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only.

Corothane® I GalvaPac Zinc Primer



2 coat system



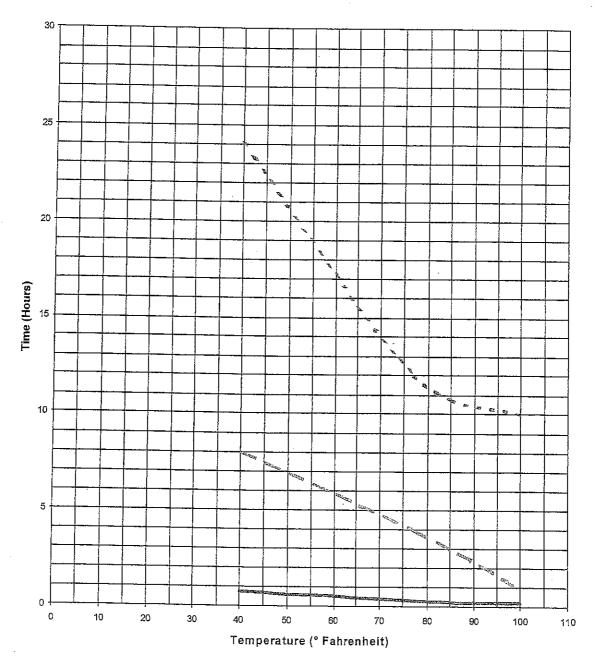
To touch To recoat (atmospheric) To recoat (immersion)

The above drying schedule is at 5.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only

Corothane® I GalvaPac Zinc Primer



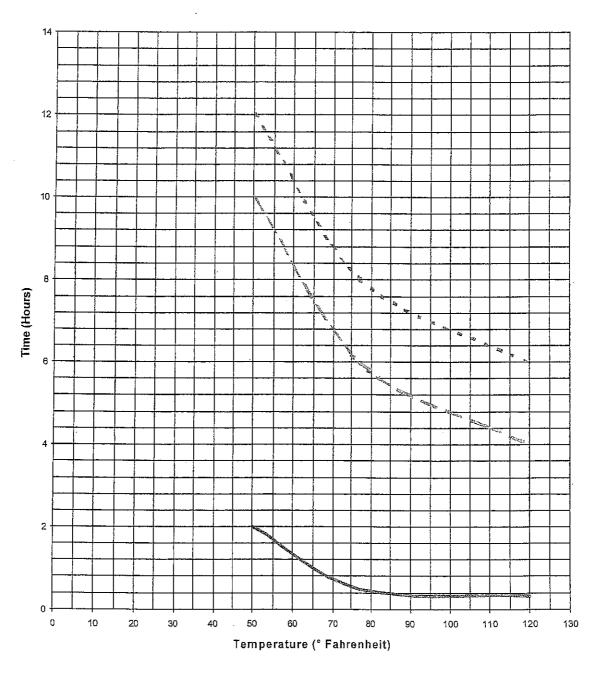
2 coat system

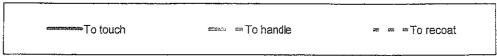


To touch ™™ To recoat (atmospheric) ™ ™ To recoat (immersion)

The above drying schedule is at 5.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only





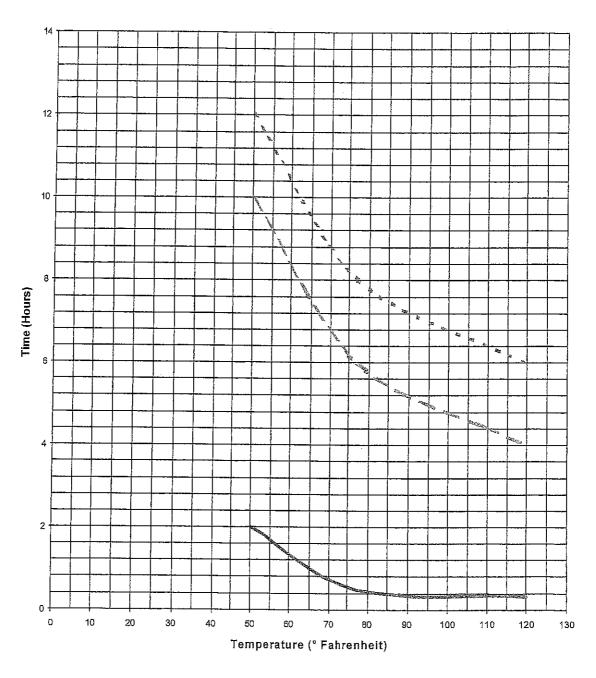


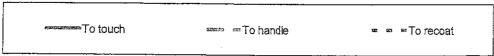
The above drying schedule is at 6.0 mils wet at 50% relative humidity.

Drying time is temperature, humidity, and film thickness dependent.

The above information is provided for guideline use only

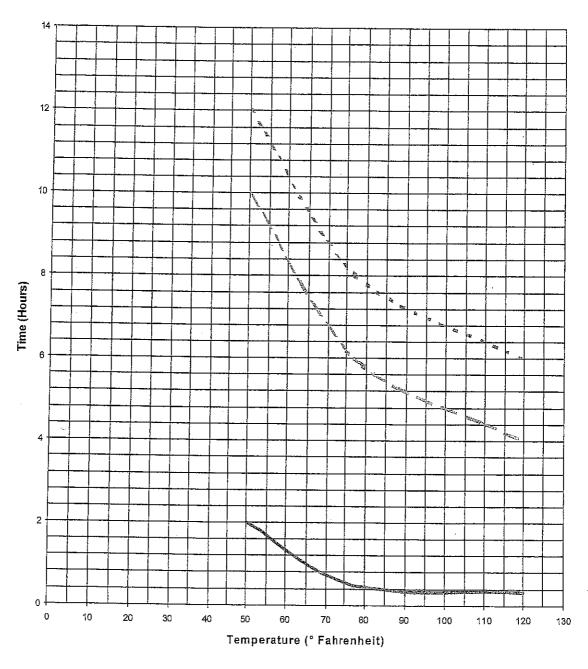






The above drying schedule is at 6.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only

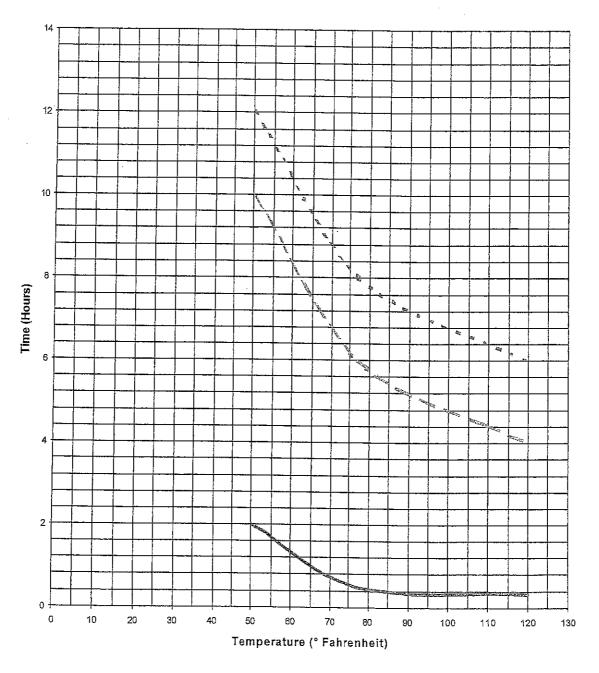




To touch ™ To handle ™ To recoat

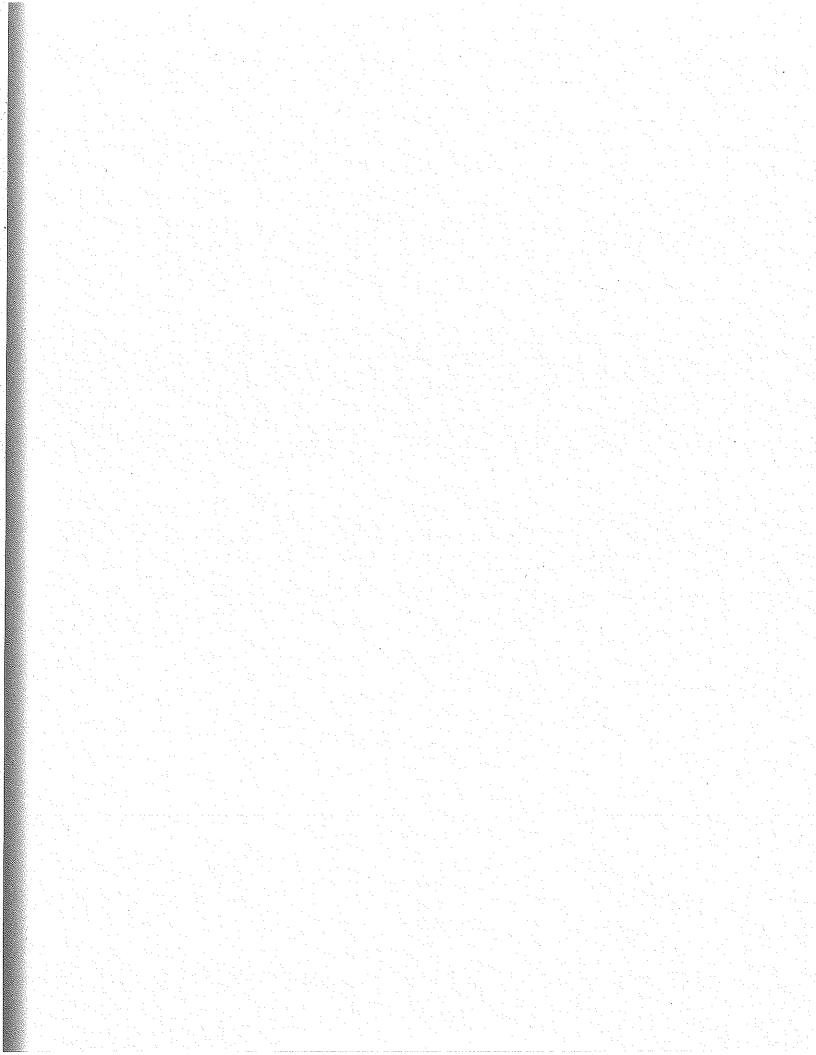
The above drying schedule is at 6.0 mils wel at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only





To touch To handle To recoat

The above drying schedule is at 6.0 mils wet at 50% relative humidity. Drying time is temperature, humidity, and film thickness dependent. The above information is provided for guideline use only





5.11A

COROTHANE® I

THE SHERWIN-WILLIAMS And And Marine Coatings

GALVAPAC TWO PACK ZINC PRIMER

PART A

B65G10 B69D210 BINDER ZINC DUST

APPLICATION BULLETIN

Revised 11/04

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Iron & Steel (immersion service)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Near White Metal Blast Cleaning per SSPC-SP10. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Remove all weld spatter and round all sharp edges by grinding a minimum 1/4" radius. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Iron & Steel (atmospheric service)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6. For better performance, use Near White Metal Blast Cleaning per SSPC-SP10. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Previously Painted Surfaces

If in sound condition, clean the surface of all foreign material. Smooth, hard, or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

Temperature:

air and surface:

20°F minimum, 120°F maximum

45°F minimum

APPLICATION CONDITIONS

Do not apply over surface ice

Relative humidity:

Can be applied at relative humidi-

ties up to 99%.

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up Reducer #15, R7K15

Airless Spray

Pump	30:1
Pressure	1800-2000 psi
Hose	1/4" ID
Tip	.015"019"
Filter	60 mesh
Reduction	As needed up to 10% by volume

Conventional Spray

Unit	<u>Graco</u>	<u>Binks</u>
Gun	900	95
Fluid Nozzle	070	66/65
Air Nozzle	947	66PR
Atomization Pressure	60-70 psi	60-70 psi
Fluid Pressure	15-20 psi	15-20 psi
Reduction		

Brush

Brush...... Natural bristle

Reduction As needed up to 10% by volume

Roller

Reduction As needed up to 10% by volume

If specific application equipment is listed above, equivalent equipment may be substituted.







COROTHANE® I

GALVAPAC TWO PACK ZINC PRIMER

PARTA PART F B65G10 B69D210

ZINC DUST

PRODUCT INFORMATION

Revised 11/04

PRODUCT DESCRIPTION

COROTHANE I GALVAPAC TWO PACK ZINC PRIMER is a two component, VOC compliant, moisture curing urethane zincrich primer that contains micaceous iron oxide, designed for low temperature application to blast cleaned or power tool cleaned steel surfaces.

- · Low temperature application down to 20°F
- · NSF approved to Standard 61 for potable water
- · Easy to apply and recoat
- Usable for immersion service with recommended topcoated
- Resistant to mudcracking
- · Abrasion and chemical resistant
- Meets Class B requirements for Slip Coefficient and Creep Resistance, .54
- Conforms to AWWA D102-03 Inside Coating System #5 (ICS-5)

RECOMMENDED USES

- Immersion Service potable water: Meets NSF Standard 61 for use in potable water storage and Federal EPA requirements for composition of coatings used in potable water.
- 250,000 gallon untopcoated 20,000 gallon minimum topcoated
- On steel where resistance to rust or corrosion undercutting is required
- As a primer in a urethane coating system for bridges, tanks, chemical, and marine structures
- Ideal for priming water assisted abrasive blasted surfaces where flash rusting or blooming limits the use of conventional zinc rich coatings
- As a spot primer on hand and power tool cleaned surfaces for lead overcoating systems
- Acceptable for use with cathodic protection with select topcoats

PRODUCT CHARACTERISTICS

Finish:

Flat

Color:

Gray

Volume Solids:

67% ± 2%, mixed

Weight Solids:

91.7% ± 2%

VOC (calculated):

<340 g/L; 2.8 lb/gal, mixed 1

Mix Ratio:

2 components; premeasured

2.75 gallon mix

Zinc Content in Dry Film: 83% ±2% by weight

Recommended Spreading Rate per coat:

Wet mils: Dry mils:

4.5 **-** 6.8 3.0 - 4.0

Coverage:

268 - 358 sq ft/gal approximate

Drying Schedule @ 5.0 mils wet @ 50% RH:

@ 40°F 45 minutes @ 77°F 20 minutes To touch:

To recoat (minimum), atmospheric service: 8 hours

4-6 hours 1 hour To recoat (minimum), immersion service:

24 hours

12 hours

10 hours

@100°F

10 minutes

To cure, atmospheric service: 5 days

3 days

1 day

To cure, immersion service: 14 days

5 days

Dryingtime is temperature, humidity, and film thickness dependent. For Potable Water Service, allow a minimum cure time of 7 days @ 77°F prior to placing in service. Sterilize and rinse per AWWA C652.

Shelf Life:

Part A - 12 months

7 days

Part F - 24 months

Store indoors at 40°F to 100°F.

Flash Point:

94°F, PMCC

Reducer/Clean Up:

Reducer #15, R7K15

Performance Characteristics

System Tested: (unless otherwise indicated) Substrate:

Steel SSPC-SP5

Surface Preparation:

Corothane I GalvaPac Zinc Primer @ 3.5 mils dft 1 ct.

Corothane I MIO-Aluminum @ 3.0 mils dft 1 ct.

Abrasion Resistance:

ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load Method:

Resulf: 45 mg loss Adhesion (Zinc Only): Method: **ASTM D4541** Result: 1943psi

Corrosion Weathering: ASTM D5894, 15 cycles, 5000 hours Method:

Rating 10 per ASTM D610 for Rusting (field) Result: Result: Rating 10 per ASTM D714 for Blistering

Direct Impact Resistance (Zinc Only):

Method: ASTM D2794 Result: 160 in. lb. Dry Heat Resistance: Method: ASTM D2485

Result: 300°F continuous, 350°F intermittent

Flexibility:

ASTM D522, 180° bend, 1/4" mandrel Method:

Result: Passes

Moisture Condensation Resistance (Zinc Only): ASTM D4585, 100°F, 4000 hours Method: Rating 10 per ASTM D610 for Rusting Result:

Result: Rating 10 per ASTM D714 for Blistering Pencil Hardness: Method: ASTM D3363 2H (zinc only) Result:

Salt Fog Resistance (Zinc Only): Method: ASTM B117, 5000 hours

Result: Rating 10 per ASTM D610 for Rusting Result: Rating 10 per ASTM D714 for Blistering

Slip Coefficient (Zinc Only):

AISC Specification for Structural Joints Using ASTM Method:

A325 or ASTM A490 Bolts

Result: Class B, .54 Wet Heat Resistance: Method: Non-immersion 190°F Result:

Polyurethane

5.11

continued on back







COROTHANE® I

GALVAPAC TWO PACK ZINC PRIMER

PART F

B65G10 B69D210

ZINC DUST

PRODUCT INFORMATION

Immersion Service (Potable Water)

Steel:

Corothane I GalvaPac Zinc Primer

1 ct. @ 3.0 - 4.0 mils dft

(250,000 gallon minimum tank size)

RECOMMENDED SYSTEMS

Steel, shop applied system(s):

Corothane I GalvaPac Zinc Primer

@ 3.0 - 4.0 mils dft

2 cts. Tank Clad HS @ 4.0 - 8.0 mils dft/ct*

(60,000 gallon minimum)

Hi-Solids Catalyzed Epoxy @ 5.0 - 6.0 mils dft/ct or

(20,000 gallon minimum tank size)

Other acceptable topcoats

Dura-Plate 235 NSF

Macropoxy 646 NSF Macropoxy 846 NSF Min. tank size 20,000 gallons

20,000 gallons 20,000 gallons

Immersion Service (Non-Potable Water)

Steel: 1 ct

Corothane I GalvaPac Zinc Primer

@ 3.0 - 4.0 mils dft Corothane I Coal Tar @ 5.0 - 7.0 mils dft/ct 2 cts.

Atmospheric Service Steel: Moderate Service

1 cf Corothane I GalvaPac Zinc Primer

@ 3.0 - 4.0 mils dft

1-2 cts. Corothane I Aliphatic Finish Coat

@ 2.0 - 3.0 mils dft/ct

Corothane I MIO-Aluminum @ 2.0 - 3.0 mils dft/ct or

Corothane I HS @ 2.0 - 3.0 mils dft/ct

Steel: Moderate Service, Rapid Return to Service 1 ct.

Corothane I GalvaPac Zinc Primer

@ 3.0 - 4.0 mils dft

Fast Clad Urethane @ 6.0 - 9.0 mils dft 1 ct.

Previously Painted Steel:

(including red lead overcoatings)

Spot prime bare steel with 1 coat of Corothane I GalvaPac

Zinc Primer

Corothane I Mastic @ 2.5 - 3.5 mils dft 1 ct.

Corothane I Aliphatic Finish Coat 1 ct.

@ 2.0 - 3.0 mils dft

*System acceptable for use with cathodic protection

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

Iron & Steel

Atmospheric: SSPC-SP6, 2 mil profile

Immersion, with recommended topcoat:

SSPC-SP10, 2 mil profile

Spot Prime/Touch-Up:

SSPC-SP3

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature:

air and surface:

20°F minimum, 120°F maximum 45°F minimum

material:

Do not apply over surface ice

Relative humidity:

Can be applied at relative humidi-

ties up to 99%.

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging:

Part A:

1.73 gallons in a 3 gallon container

Part F:

60 lb zinc dust

Weight per gallon:

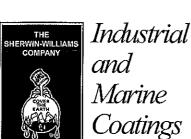
 28.5 ± 0.2 lb

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

The systems listed above are representative of the product's use. Other systems may be appropriate,





5.11A

COROTHANE® I

GALVAPAC TWO PACK ZINC PRIMER

PART F

B65G10 B69D210 ZINC DUST

APPLICATION BULLETIN

APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Corothane I - GalvaPac Zinc Primer comes in 2 premeasured containers which when mixed provides 2.75 gallons of read-to-apply material.

Mixing Instructions: Thoroughly agitate Binder Part A. Using continuous air driven agitation, slowly mix all 60 lbs. of Zinc Dust, B69D210, Part F into Binder Part A until mixture is completely uniform. After mixing, pour mixture through 30-60 mesh screen. Mixed material must be used within 8 hours. Do not mix previously mixed material with new.

If reducer solvent is used, add only after both components have been thoroughly mixed.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

Wet mils:

4.5 - 6.8 3.0 - 4.0

Dry mils: Coverage:

To touch:

268 - 358 sq ft/gal approximate

Drying Schedule @ 5.0 mils wet @ 50% RH:

@ 40°F 45 minutes

@ 77°F 20 minutes @100°F 10 minutes

To recoat (minimum), atmospheric service:

8 hours 4-6 hours To recoat (minimum), immersion service: 1 hour 10 hours

24 hours

12 hours

To cure, atmospheric service:

3 days 5 days

1 day

To cure, immersion service:

14 days

7 days 5 davs Drying time is temperature, humidity, and film thickness dependent. For Potable Water Service, allow a minimum cure time of 7 days @ 77°F prior to placing in service. Sterilize and rinse per AWWA C652.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Performance Tips

Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

Excessive reduction of material can affect film build, appearance, and adhesion.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Reducer #15, R7K15.

Pour a small amount of Reducer #15, R7K15 over the top of the paint in the can to prevent skinning or gelling.

Place a temporary cover over the pail to keep excessive moisture, condensation, fog, or rain from contaminating the coat-

Do not use continuous acitation.

For Potable Water Service, allow a minimum cure time of 7 days @ 77°F prior to placing in service. Sterilize and rinse per AWWA C652-92.

It is recommended that partially used cans not be sealed/ closed for use at a later date.

An intermediate coat is recommended to provide a uniform appearance of the topcoat.

Not for use with cathodic protection except as indicated under the recommended systems.

Corothane I KA Accelerator is acceptable for use. See data page 5.98 for details.

Refer to Product Information sheet for additional performance characteristics and properties.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with Reducer #15, R7K15. Clean tools immediately after use with Reducer #15, R7K15. Follow manufacturer's safety recommendations when using any solvent.

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.



FAST CLAD® URETHANE

PART A Part A B65-950 SERIES B65-960 SERIES

SEMI- GLOSS **GLOSS**

PART B

B65V950

HARDENER

PRODUCT INFORMATION

Revised 12/04

PRODUCT DESCRIPTION

FAST CLAD URETHANE is a fast dry, single coat, aliphatic polyurea urethane specifically formulated for accelerated maintenance painting.

- · Fast drying minimizes dust and grit "pick-up"
- Allows entire maintenance coating systems to be completed in one shift
- Single coat application
- High build
- No "outgassing"

RECOMMENDED USES

Ideal for use as a finish coat for projects requiring rapid return to service, such as bridge maintenance painting. Use directly over organic zinc rich primers.

Can be used in various coatings applications where fast cureto-service is desired, such as:

- Bridaes
- · Hand rails
- Structural steel
- · High visibility areas

Acceptable for use in high performance architectural applica-

PERFORMANCE CHARACTERISTICS

PRODUCT CHARACTERISTICS

Finish:

Semi-gloss or gloss

Color:

Wide range of colors possible

Volume Solids:

64% ± 2%, calculated and mixed

May vary by color

Weight Solids:

80% ± 2%, mixed

VOC (EPA Method 24):

289 g/L; 2.4 lb/gal, unreduced 335 g/L; 2.8 lb/gal, réduced 10%

(with R6K10)

Mix Ratio:

4:1 by volume

(Pre-measured units)

Recommended Spreading Rate per coat:

Wet mils:

10.0 - 15.0

Dry mils:

6.0 - 9.0

Coverage:

116 - 174 sq ft/gal approximate

Drying Schedule @ 10.0 mils wet @ 50% RH:

@ 35°F 1-1/2 hours @ 77°F 30 minutes @ 120°F

To handle:

3 hours

45 minutes

15 minutes 30 minutes

To recoat: minimum: 3 hours

45 minutes

30 minutes

maximum.

3 months

3 months

45 days

To cure:

4 days

2 davs

24 hours

Drying time is temperature, humidity, and film thickness dependent. If maximum recoat time is exceeded, abrade surface before recoating,

Pot Life:

3 hours

2 hours

30 minutes

Sweat-in-Time:

None

None

None

Shelf Life:

Part A Part B 24 months, unopened 24 months, unopened

Store indoors at 40°F to 100°F

Flash Point:

55°F, PMCC, mixed

Reducer/Clean Up:

Below 80°F: Above 80°F: Brush and roll: R6K10 (MEK) R7K216 R7K216

5.26

System Tested: (unless otherwise indicated)

Substrate:

Blasted steel

1 ct. 1 ct.

Surface Preparation: SSPC-SP10 or SP6 Corothane I Galvapac @ 3.0-4.0 mils dft

Fast Clad Urethane (semi-gloss) @ 6.0 - 9.0 mils dft

Tested in accordance with NTPEP (National Transportation Product Evaluation Program) requirements as outlined by AASHTO Designation R31-02.

Requirements

Abrasion Resistance:

Method:

ASTM D4060

CS17 wheel, 1000 cycles, 1 kg load

Result: 90 mg loss

Adhesion:

Method: **ASTM D4541**

Result:

825 psi

Corrosion Weathering:

Method: ASTM D5894, 15 cycles

Result:

Rating 10 per ASTM D714 for Blistering Rating 10 per ASTM D610 for Rusting

Flexibility:

Method:

ASTM D522, 180° bend, 3/4" mandrel

Result: **Passes**

Freeze/Thaw Stability:

Method:

30 cycles No loss of Patti Adhesion

Result:

Salt Fog Resistance:

Method: Result:

ASTM B117, 5000 hours

Rating 10 per ASTM D714 for Blistering

Rating 10 per ASTM D610 for Rusting

Meets the requirements of SSPC Paint 39, Level III (QUV).



FAST CLAD® URETHANE

PART A **B65-950 Series** PART A B65-960 SERIES PART B B65V950

Semi-GLOSS GLOSS HARDENER

PRODUCT INFORMATION

RECOMMENDED SYSTEMS

Steel:

1 ct. Corothane I GalvaPac Zinc Primer

@ 3.0 - 4.0 mils dft*

Fast Clad Urethane @ 6.0 - 9.0 mils dft 1 ct

Steel:

1 ct. Macropoxy 646 @ 5.0 - 10.0 mils dft

1 ct. Fast Clad Urethane @ 6.0 - 9.0 mils dft

Concrete, masonry:

Kem Cati-Coat HS Epoxy Filler/Sealer 1 ct.

@ 10.0 - 20.0 mils dft

Fast Clad Urethane @ 6.0 - 9.0 mils dft

Aluminum/Galvanizing:

1 ct. DTM Wash Primer @ .7 - 1.3 mils dft

1 ct. Fast Clad Urethane @ 6.0 - 9.0 mils dft

*Other acceptable zinc rich primers:

Fast Clad Zinc HS

Steel Spec Epoxy Primer Zinc Clad III HS

Zinc Clad IV

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

**Iron & Steel:

SSPC-SP6, 2 mil profile

**Concrete/Masonry:

SSPC-SP13/NACE 6 SSPC-SP1

**Aluminum/Galvanizing: Spot Prime / Touch-up:

SSPC-SP3

**Primer required

TINTING

Tint with 844 colorants only into Part A at 100% tint strength. Five minutes minimum of mixing on a mechanical shaker is required for complete mixing of color.

APPLICATION CONDITIONS

Temperature:

20°F minimum, 120°F maximum

(air, surface, and material) At least 5°F above dew point

Relative humidity:

85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Components are pre-measured for either 1 gallon mixes or 5 gallon mixes.

Packaging:

Part A:

1 gallon - short filled gallon - short filled

Part B:

1 quart - short filled

1 gallon

Weight per gallon:

12.0 ± 0.2 lb, mixed (may vary with color)

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

The systems listed above are representative of the product's use. Other systems may be appropriate.



FAST CLAD® URETHANE

PART A
PART A
PART B

B65-950 SERIES B65-960 SERIES B65V950 Semi- Gloss Gloss Hardener

APPLICATION BULLETIN

Revised 12/04

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Iron & Steel (primer required)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6. For better performance, use Near White Metal Blast Cleaning per SSPC-SP10. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum

Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. Primer required

Galvanized Steel

Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP7 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned or before flash rusting occurs.

Poured Concrete

New

For surface preparation, refer to SSPC-SP13/NACE 6. Surfaces must be clean, dry, sound and offer sufficient profile to achieve adequate adhesion. Minimum substrate cure is 28 days at 75°F. Remove all form release agents, curing compounds, salts, efforescence, laitance, and other foreign matter by sandblasting, shotblasting, mechanical scarification, or suitable chemical means. Refer to ASTM D4260. Rinse thoroughly to achieve a final pH between 6.0 and 10.0. Allow to dry thoroughly prior to coating.

Old

Surface preparation is done in much the same manner as new concrete, however, if the concrete is contaminated with oils, grease, chemicals, etc., they must be removed by cleaning with a strong detergent. Refer to ASTM D4258. Form release agents, hardeners, etc. must be removed by sandblasting, shotblasting, mechanical scarification, or suitable chemical means. If surface deterioration presents an unacceptably rough surface, Kem Cati-Coat Epoxy HS Filler/Sealer is recommended to patch and resurface damaged concrete.

Fill all cracks, voids and bugholes with Steel-Seam VSE.

Always follow the ASTM methods listed below:

ASTM D4258 Standard Practice for Cleaning Concrete.

ASTM D4259 Standard Practice for Abrading Concrete.

ASTM D4260 Standard Practice for Etching Concrete.

ASTM F1869 Standard Test Method for Measuring Moisture

Vapor Emission Rate of Concrete.

SSPC-SP 13/Nace 6 Surface Preparation of Concrete

APPLICATION CONDITIONS

Temperature: 20° F minimum, 120° F maximum

(air, surface, and material)
At least 5° F above dew point

Relative humidity:

85% maximum

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions

Reducer/Clean Up

Below 80°F	R6K10 (MEK)
Above 80°F	R7K216
Brush and roll	R7K216

Airless Spray

Pump	30:1
Pressure	2800 - 3000 psi
Hose	3/8" ID
Tip	.017"021"
Filter	60 mesh
Reduction	As needed up to 5% by volu

Conventional Spray

Gun	Binks
Cap	63P
Fluid Tip	69PB
Atomization Pressure	50-70 psi
Fluid Pressure	20-25 psi
Reduction	As needed up to 5

Reduction As needed up to 5% by volume

Brush (small areas only)

Brush	Naturai	Bristie
Reduction	R7K216	, up to 10% by volume

Roller (small areas only)

Cover	1/4" woven with phenolic core
Reduction	R7K216, up to 10% by volume

If specific application equipment is listed above, equivalent equipment may be substituted.



FAST CLAD® URETHANE

PART A
PART B

B65-950 SERIES B65-960 SERIES

B65V950

Semi-Gloss Gloss Hardener

APPLICATION BULLETIN

APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mix contents of each component thoroughly with power agitation. Make certain no pigment remains on the bottom of the can. Then combine 4 parts by volume of Part A with 1 part by volume of Part B. Thoroughly agitate the mixture with power agitation.

If reducer solvent is used, add only after both components have been thoroughly mixed.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

Wet mils: Dry mils: 10.0 - 15.0 6.0 - 9.0

Coverage:

116 - 174 sq ft/gal approximate

Drying Schedule @ 10.0 mils wet @ 50% RH:

@ 120°F @ 77°F @ 35°F To touch: 1-1/2 hours 30 minutes 15 minutes To handle: 3 hours 45 minutes 30 minutes To recoat: minimum: 3 hours 45 minutes 30 minutes maximum: 3 months 3 months 45 days

To cure: 4 days 2 days 24 hours
Drying time is temperature, humidity, and film thickness dependent,
If maximum recoat time is exceeded, abrade surface before recoating.

Pot Life:

3 hours

2 hours

30 minutes

Sweat-in-Time:

None

None

None

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

PERFORMANCE TIPS

Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

Excessive reduction of material can affect film build, appearance, and adhesion.

Do not apply the material beyond recommended pot life.

Do not mix previously catalyzed material with new.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Reducer R6K10 (MEK).

When used as part of a rapid recoat system for bridge maintenance painting over Corothane I Galvapac Primer, use 4 oz. per gallon of the KA Accelerator, B65V11, in the Galvapac Primer. This will allow topcoating within 1-2 hours.

Mixed coating is sensitive to water. Use water traps in all air lines. Moisture contact can reduce pot life and affect gloss and color.

Refer to Product Information sheet for additional performance characteristics and properties.

CLEAN UP INSTRUCTIONS

SAFETY PRECAUTIONS

Clean spills and spatters immediately with Reducer R6K10 (MEK). Clean tools immediately after use with Reducer R6K10 (MEK). Follow manufacturer's safety recommendations when using any solvent.

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

California Avenue Accelerated Bridge Painting Research Project Span 3, Bay 3 Control Section Overlap on Exterior Fascia

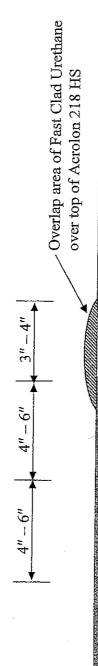
Galvapac Zinc Primer/Fast Clad Urethane Finish) over the SW Standard 3-Coat System (Zinc Clad III HS Zinc Primer/Macropoxy Provided below is a detail of the overlap to be used when applying the SW Accelerated 2-Coat Bridge Paint System (Corothane I 646 Epoxy Intermediate/Acrolon 218 HS Urethane Finish)

Cleanly step back (i.e., tape off overlap area) the 3-coat system (Zinc Clad III HS/Macropoxy 646/Acrolon 218 HS) for a distance of 4 to 6 inches. Superficially scarify (hand sand) the 3-coat standard system overlap area with a finely graded abrasive paper (i.e., 120-150 5

solvent Solvent clean the overlap area in accordance with SSPC-SP 1, Solvent Cleaning, using SW

Overlap the 2-coat zinc primer (Corothane I Galvapac Zinc Rich Primer) onto the 3-coat zinc primer (Zinc Clad III HS) 9.43

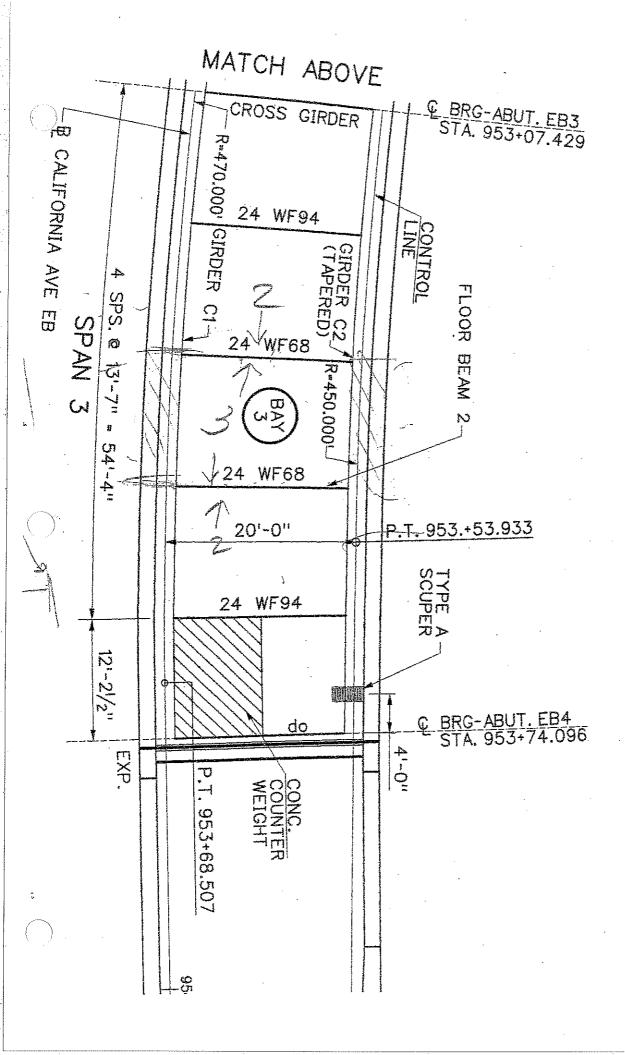
Overlap the 2-coat urethane finish (Fast Clad Urethane) onto the 3-coat zinc primer (Zinc Clad III HS), epoxy intermediate (Macropoxy 646) and the urethane finish (Acrolon 218 HS)



Acrolon 218 HS Urethane Finish Macropoxy 646 Epoxy Intermediate Zinc Clad III HS Organic Zinc Primer

Overlap area of Corothane I Galvapac over

top of Zinc Clad III HS



PHOTOGRAPHIC APPENDIX

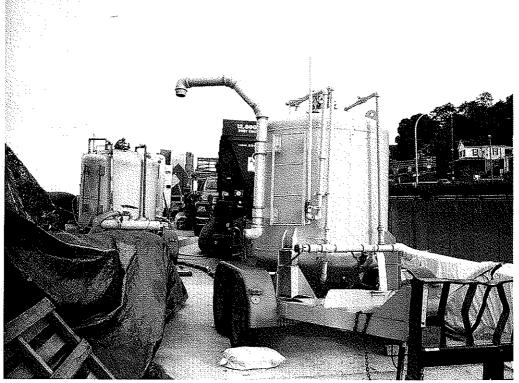
SW Accelerated Bridge Paint Study

California Avenue Bridge

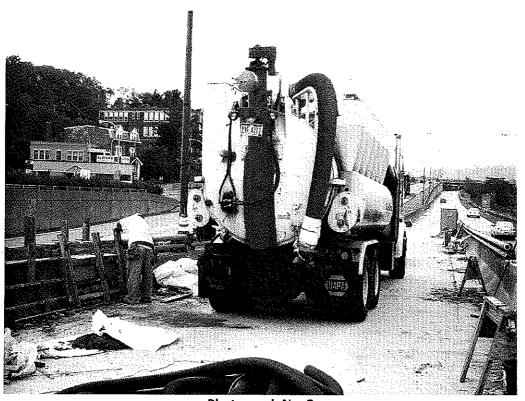
Construction Phase October-November 2006

Photograph No.	Description
1-7	Contractor Equipment mobilized for surface reparation and painting.
8-10	California Avenue Bridge Span 3 prior to blast cleaning and painting.
11-13	Containment surrounding Span 3 where control paint systems were applied.
14-17	Initial abrasive blast cleanliness in Span 3.
18-19	Painting of test panels with painting work in Span 3.
20-22	Runs and sags during the initial application of Corathane I Galvapac Zinc Rich Primer in Span 3.
23-25	Finish coat of 3-coat control paint system in Span 3, Bay 3.
26-27	Finish coat of 2-coat system in Span 3, Bays 1 and 2.

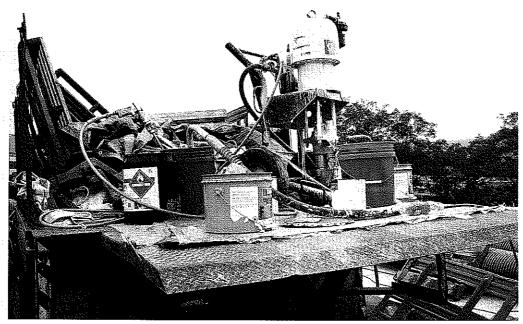
Photographs 1 through 7 show contractor equipment mobilized for surface reparation and painting.



Photograph No. 1



Photograph No. 2



Photograph No. 3



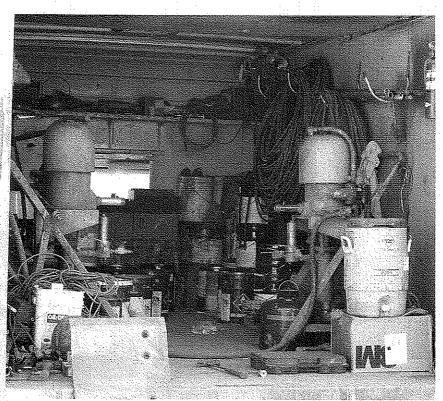
Photograph No. 4



Photograph No. 5

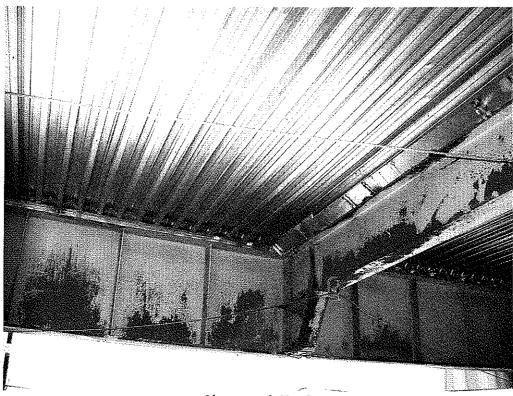


Photograph No. 6

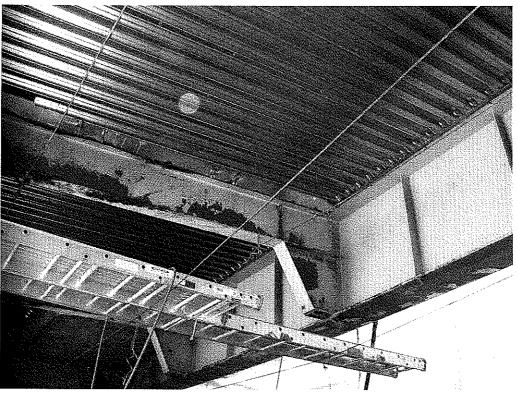


Photograph No. 7

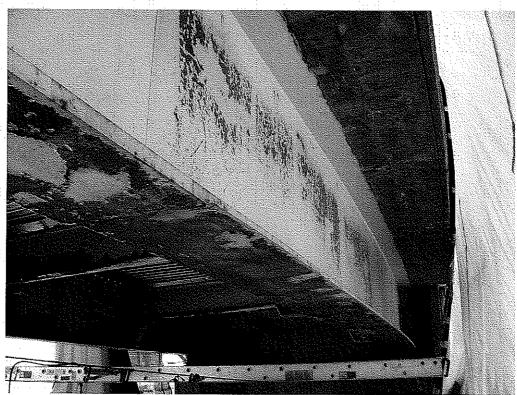
Photographs 8 through 10 show California Avenue Bridge Span 3 prior to blast cleaning and painting.



Photograph No. 8

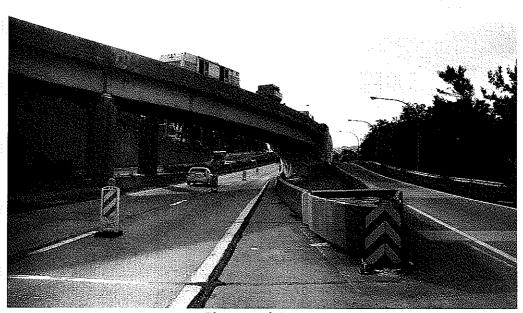


Photograph No. 9

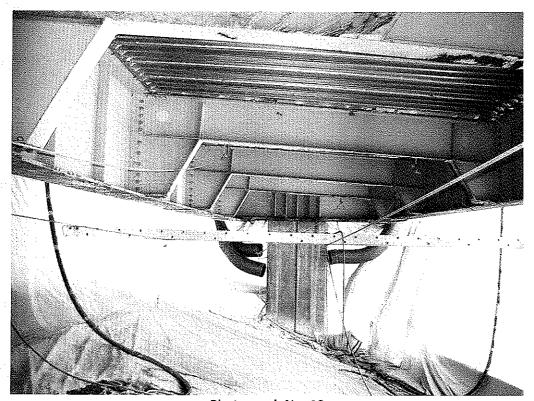


Photograph No. 10

Photographs 11 through 13 show the containment surrounding Span 3 where control paint systems were applied.



Photograph No. 11

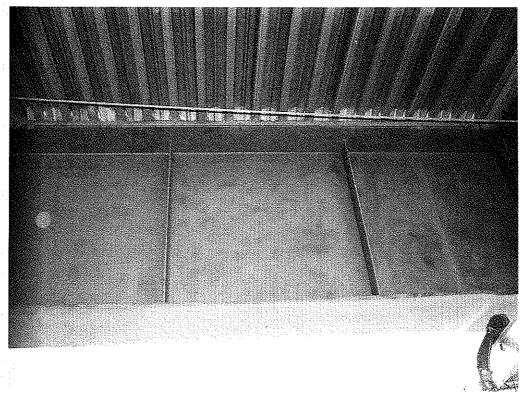


Photograph No. 12



Photograph No. 13

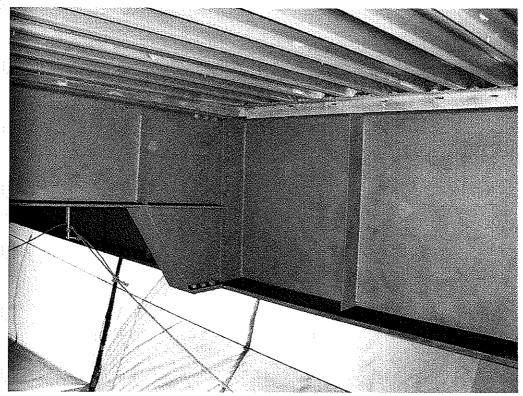
Photographs 14 through 17 show initial abrasive blast cleanliness in Span 3.



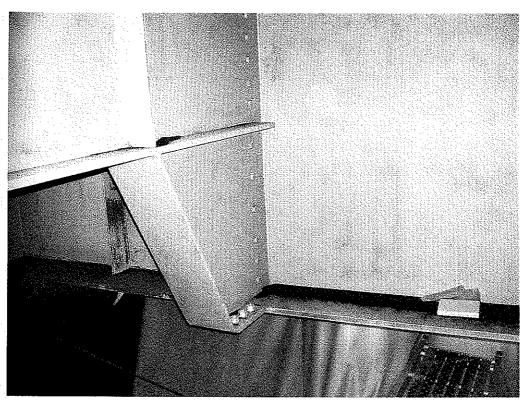
Photograph No. 14



Photograph No. 15

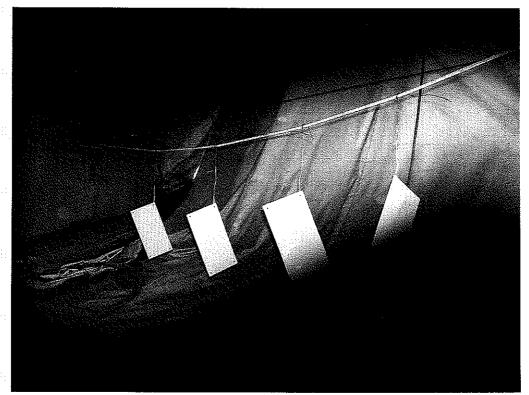


Photograph No. 16

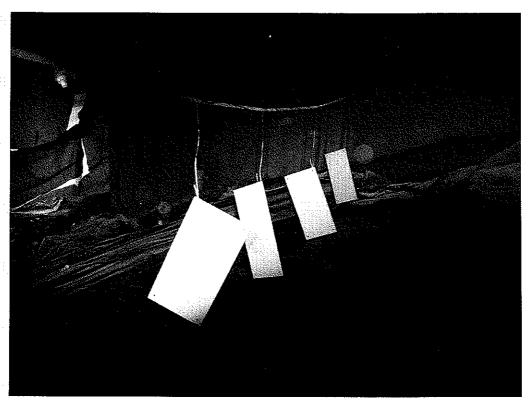


Photograph No. 17

Photographs 18 and 19 show painting of test panels with painting work in Span 3.



Photograph No. 18

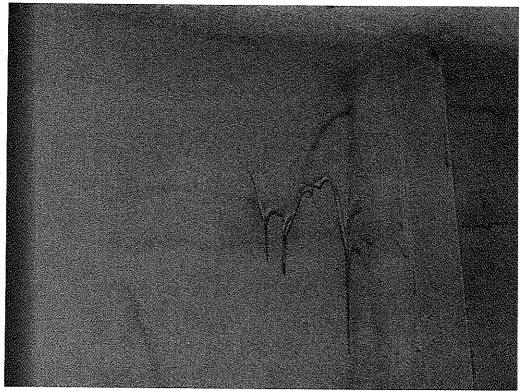


Photograph No. 19

Photographs 20 through 22 show runs and sags during the initial application of Corathane I Galvapac Zinc Rich Primer in Span 3.



Photograph No. 20

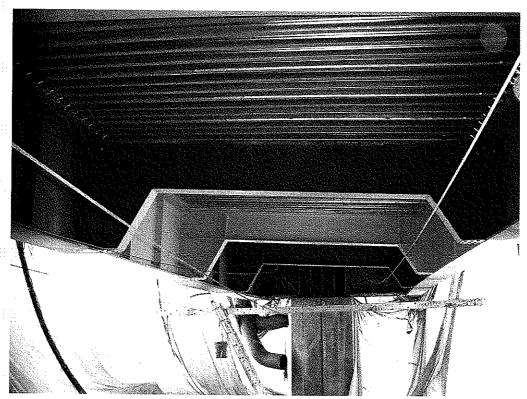


Photograph No. 21

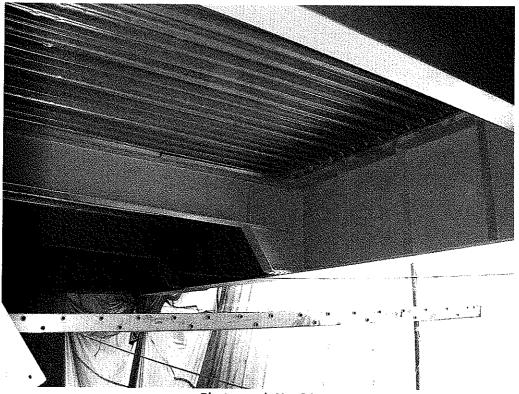


Photograph No. 22

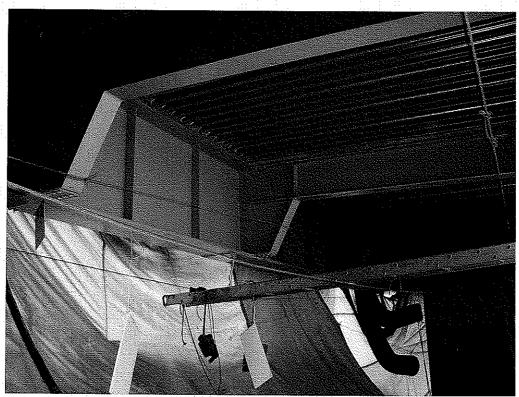
Photographs 23 through 25 show finish coat of 3-coat control paint system in Span 3, Bay 3.



Photograph No. 23

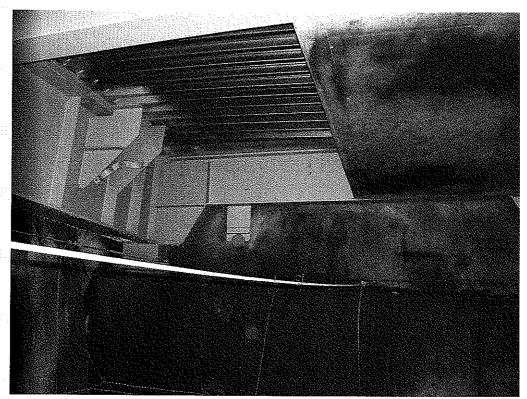


Photograph No. 24

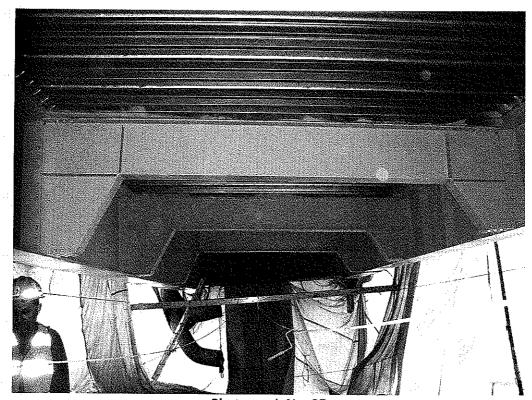


Photograph No. 25

Photographs 26 and 27 show finish coat of 2-coat system in Span 3, Bays 1 and 2.



Photograph No. 26



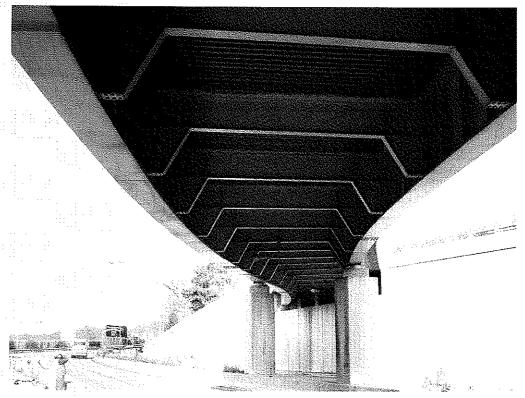
Photograph No. 27

PHOTOGRAPHIC APPENDIX

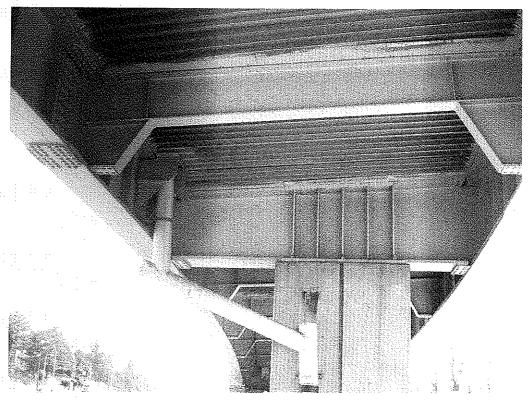
SW Accelerated Bridge Paint Study California Avenue Bridge Study Phase Year 1, 2007

Photograph No.	Description
1-4	General Views of Spans 2 and 1 in Year 1, 2007.
5	3-coat OZ/E/U Control Span 3, Bay 3 in Year 1, 2007.
6-12	2-coat OZ/U Control Span in Year 1, 2007. Note minor pinpoint rust on flanges/edges and minor rust stain bleed from crevice areas.
13-16	Test Panel placement within Span 3.

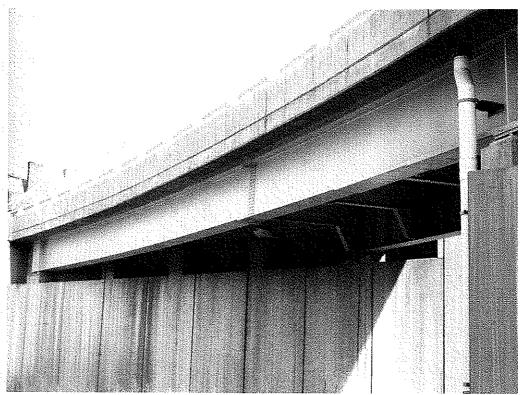
Photographs 1 through 4 show general views of Spans 2 and 1 in Year 1, 2007.



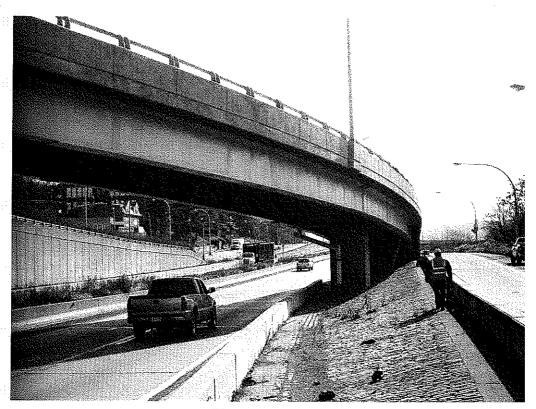
Photograph No. 1



Photograph No. 2



Photograph No. 3



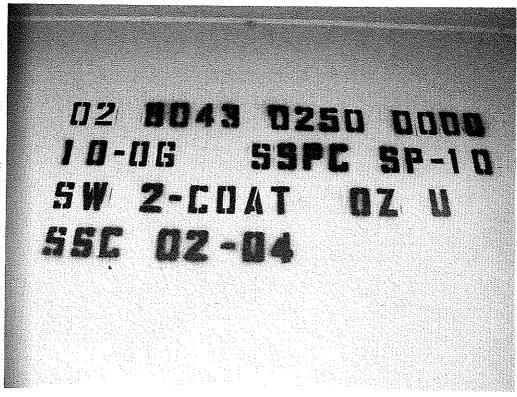
Photograph No. 4

Photograph 5 shows 3-coat OZ/E/U Control Span 3, Bay 3 in Year 1, 2007.

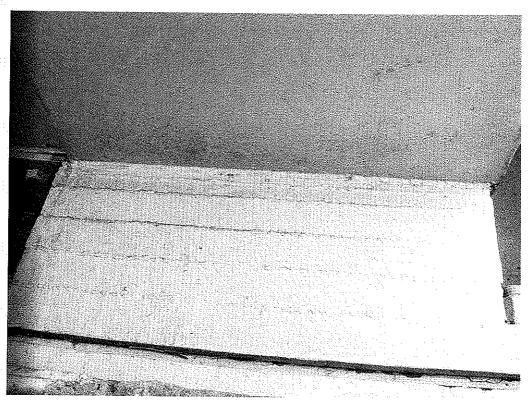


Photograph No. 5

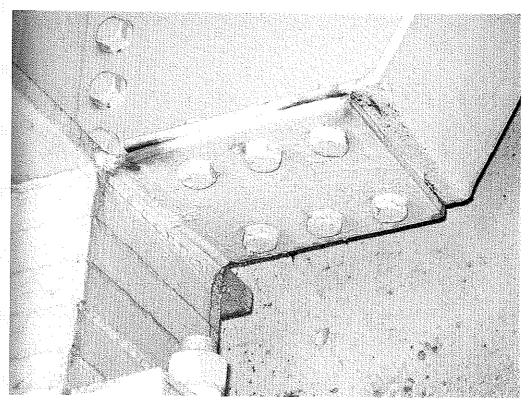
Photographs 6 through 12 show 2-coat OZ/U Control Span in Year 1, 2007. Note minor pinpoint rust on flanges/edges and minor rust stain bleed from crevice areas.



Photograph No. 6



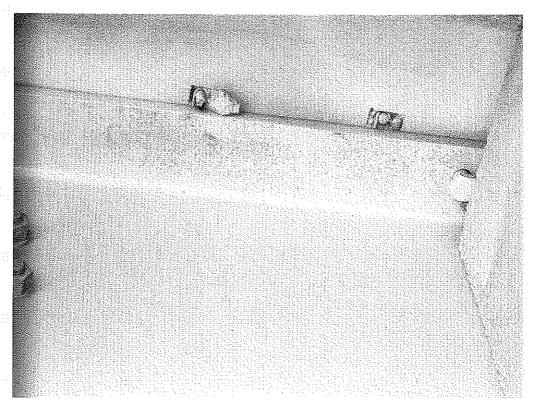
Photograph No. 7



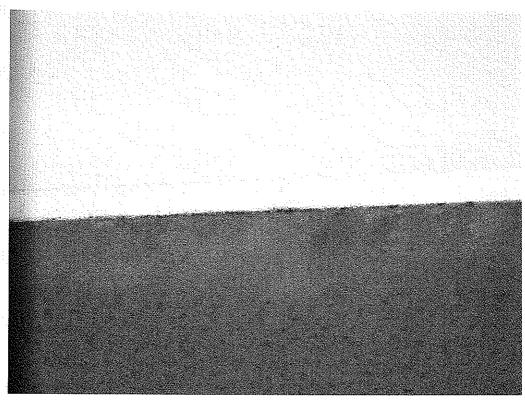
Photograph No. 8



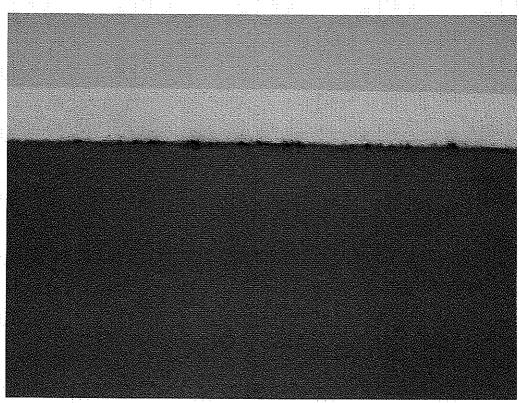
Photograph No. 9



Photograph No. 10

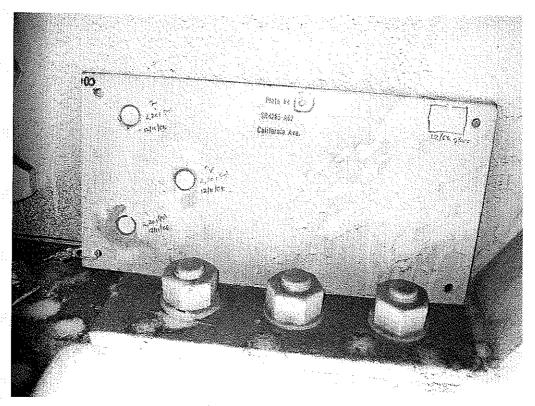


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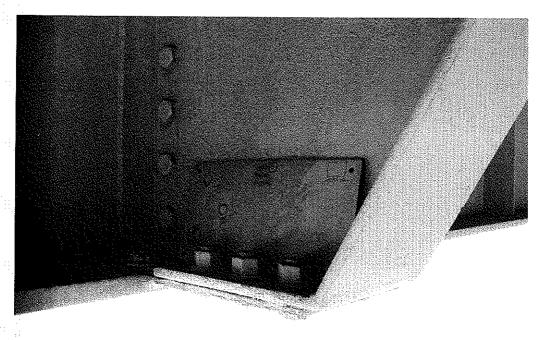


Photograph No. 12

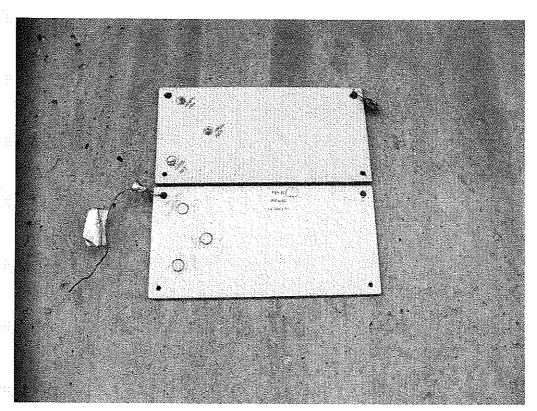
Photographs 13 through 16 show test panel placement within Span 3.



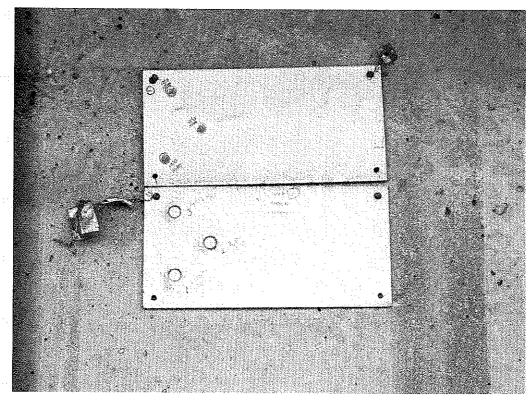
Photograph No. 13



Photograph No. 14



Photograph No. 15



Photograph No. 16

PHOTOGRAPHIC APPENDIX

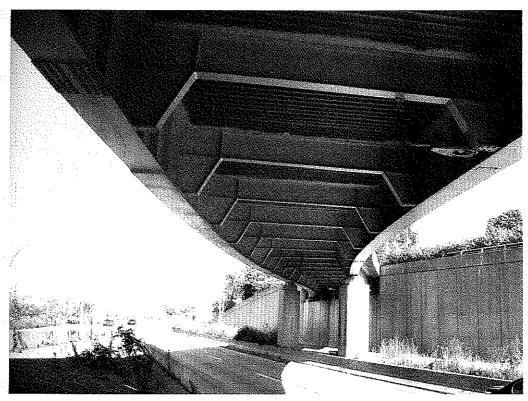
SW Accelerated Bridge Paint Study California Avenue Bridge Study Exposure/Evaluation Phase Year 2, 2008

Photograph No.	Description
1-2	General views of Spans 2 and 1 in Year 2, 2008.
3-9	2-coat OZ/U Control Span 3, Bay 1 and 2, Year 2, 2008. Note increase in pinpoint rust on flanges/edges vs. Year 2, 2007.
10-13	3-coat OZ/E/U Control Span 3, Bay 3, Year 2, 2008. Only a few very minor pinpoints of rust were visible.

Photographs 1 and 2 show general views of Spans 2 and 1 in Year 2, 2008.

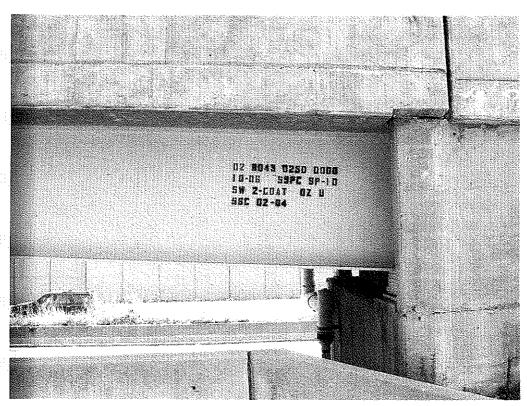


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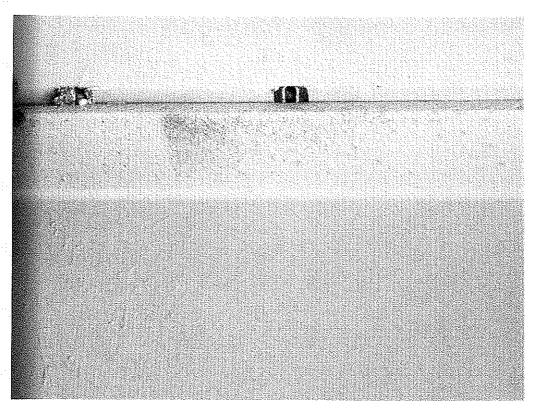


Photograph No. 2

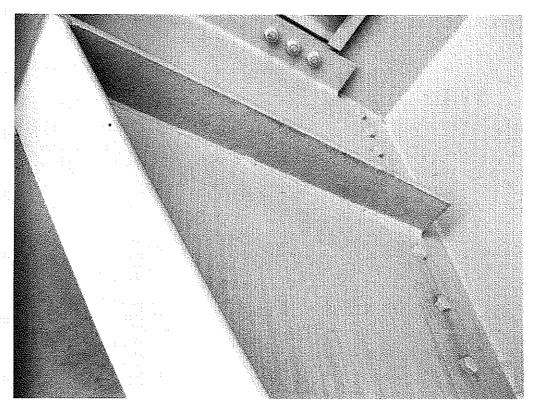
Photographs 3 through 9 show 2-coat OZ/U Control Span 3, Bay 1 and 2, Year 2, 2008. Note increase in pinpoint rust on flanges/edges vs. Year 1, 2007.



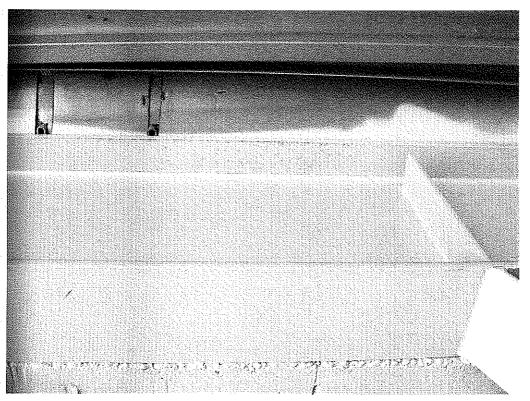
Photograph No. 3



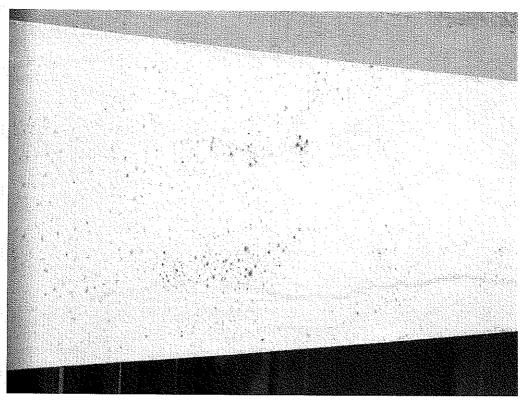
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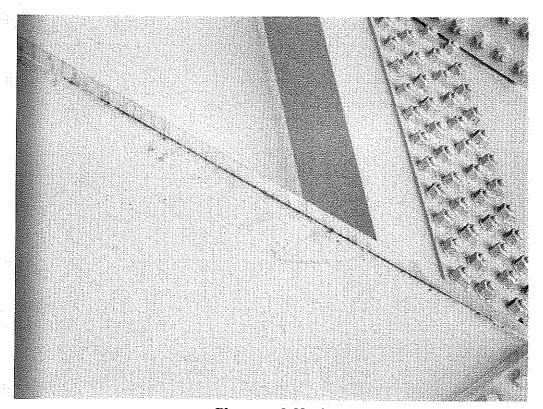
Photograph No. 5



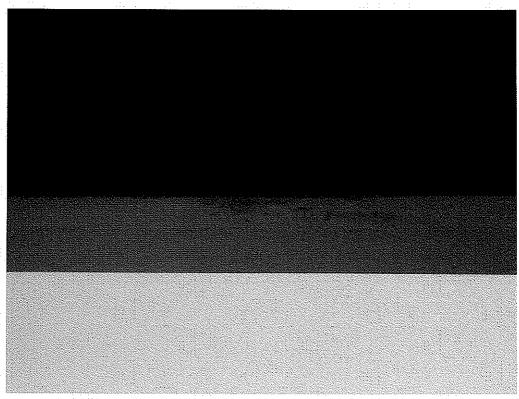
Photograph No. 6



Photograph No. 7

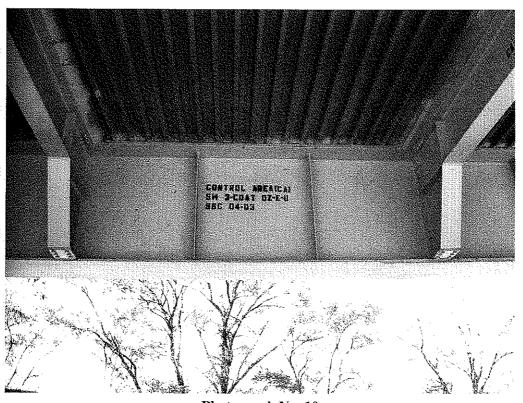


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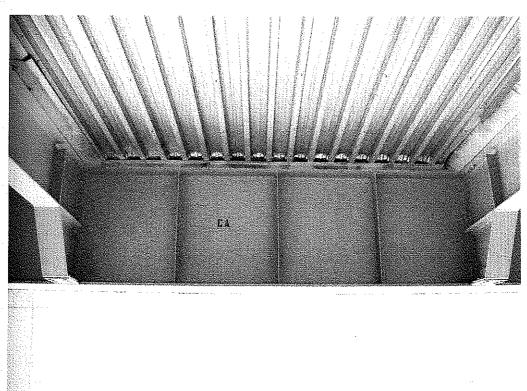


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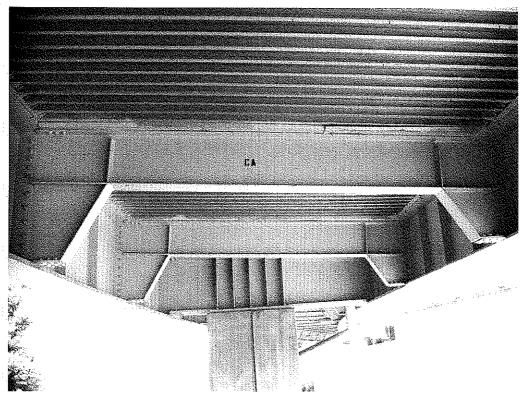
Photographs 10 through 13 show 3-coat OZ/E/U Control Span 3, Bay 3, Year 1, 2008. Only a few very minor pinpoints of rust were visible.



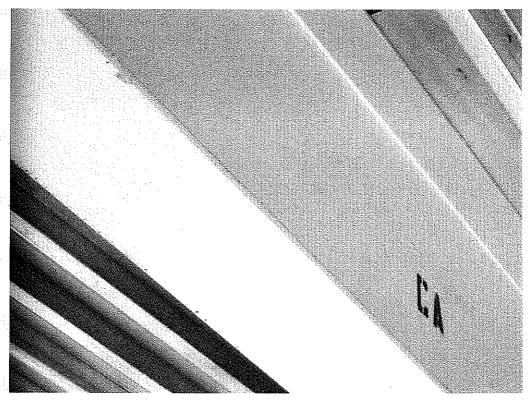
Photograph No. 10



Photograph No. 11



Photograph No. 12



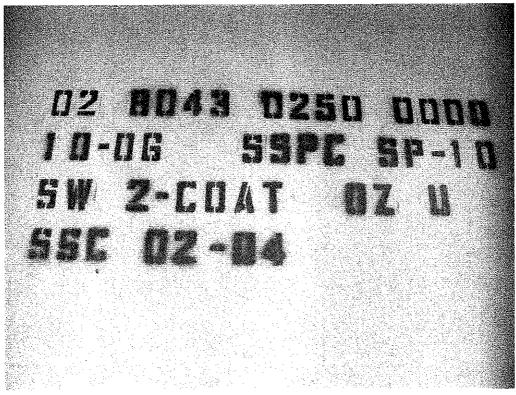
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PHOTOGRAPHIC APPENDIX

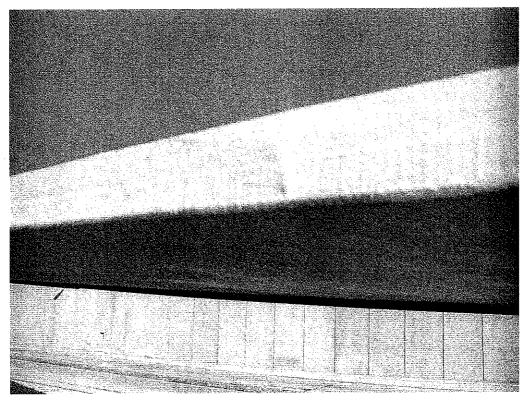
SW Accelerated Bridge Paint Study California Avenue Bridge Exposure/Evaluation Phase Year 3, 2009

Photograph No.	Description
1-7	2-coat OZ/U Control Span 3, Bays 1 & 2, Year 3, 2009. Note continued increase in pinpoint rust on flanges/edges from Year 2, 2008.
8-14	3-coat OZ/E/U Control Span 3, Bay 3, Year 3, 2009. Only very minor pinpoint rust was noted.
15-18	Shows dry film thickness measurement taken at pinpoint rust locations in 2-coat OZ/U Control Span 3, Bays 1 & 2. Note that there was a definite correlation between the occurrence of pinpoint rust and the coating system dry film thickness. These issues are addressed in the "Discussion" section of this report.

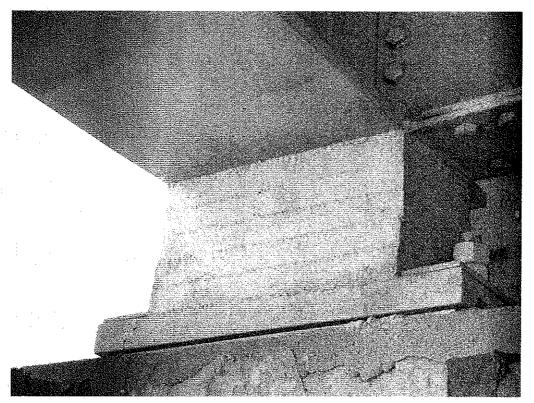
Photographs 1 through 7 show two-coat OZ/U Control Span 3, Bays 1 & 2, Year 3, 2009. Note continued increase in pinpoint rust on 1-7 flanges/edges from Year 2, 2008.



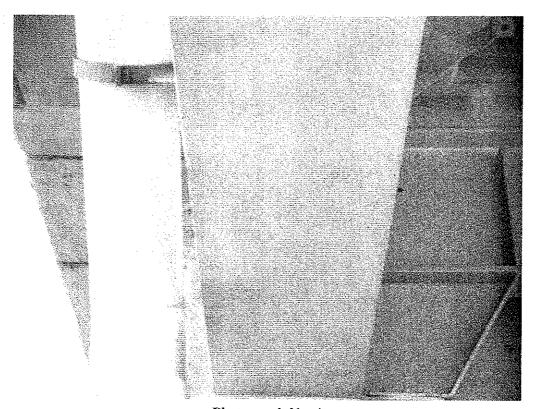
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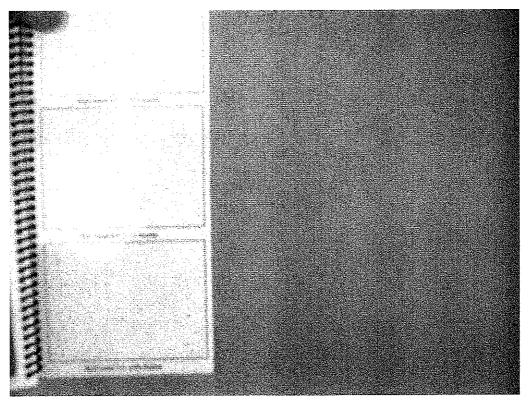
Photograph No. 2



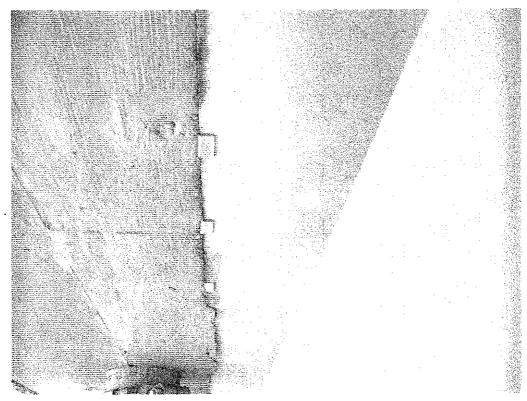
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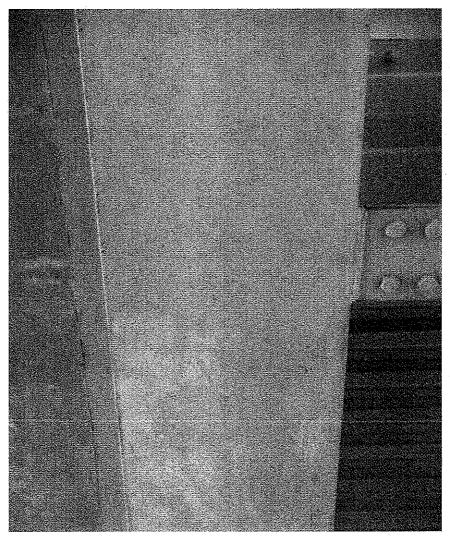
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Photograph No. 5

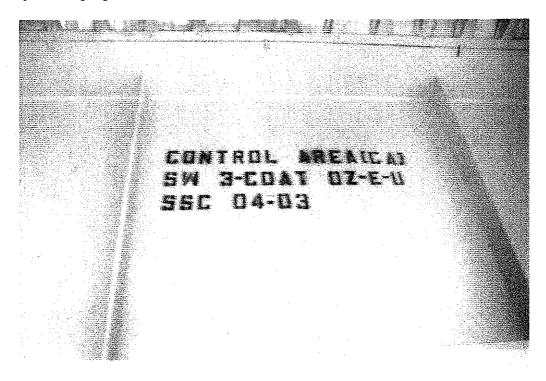


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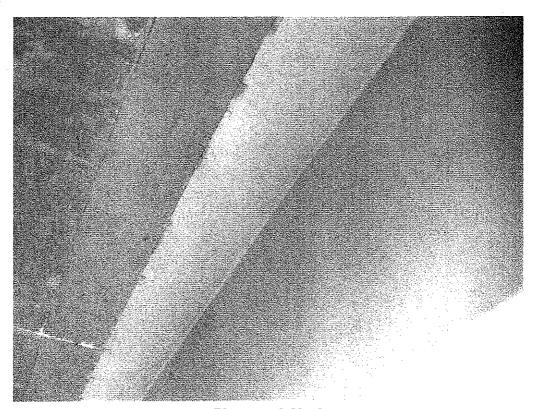


Photograph No. 7

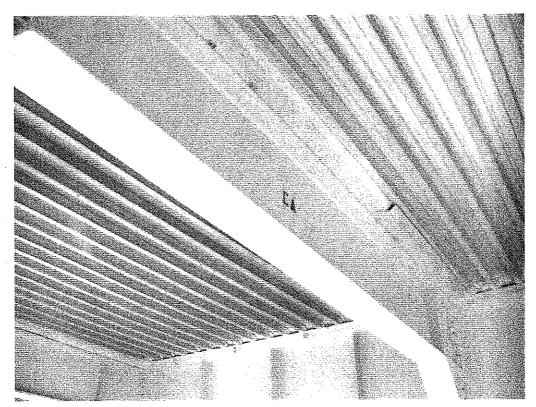
Photographs 8 through 14 show three-coat OZ/E/U Control Span 3, Bay 3, Year 3, 2009. Only very minor pinpoint rust was noted.



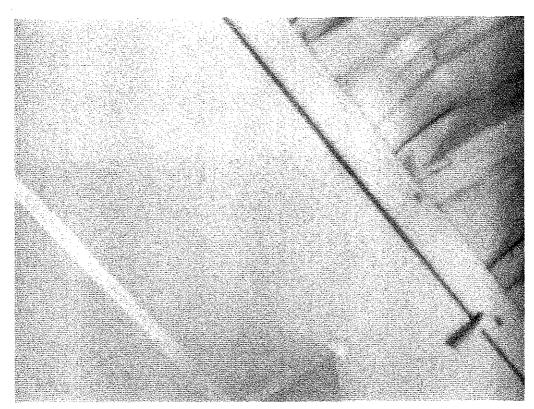
Photograph No. 8



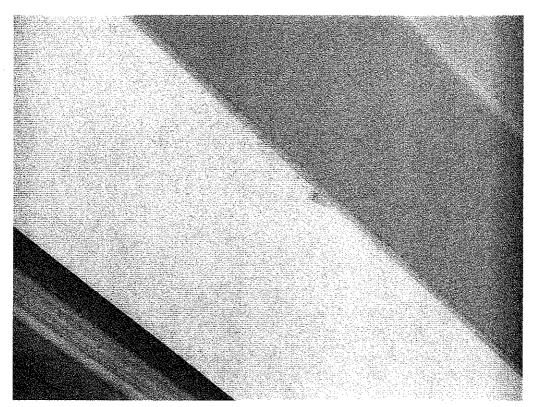
Photograph No. 9



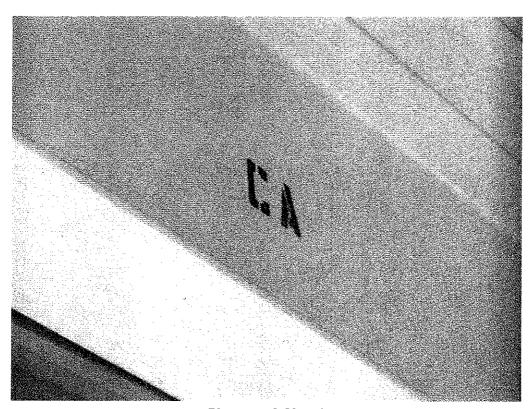
Photograph No. 10



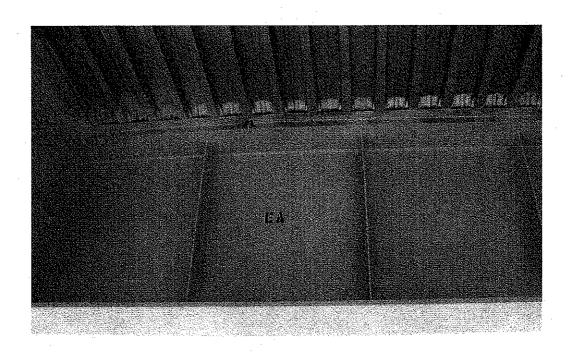
Photograph No. 11



Photograph No. 12

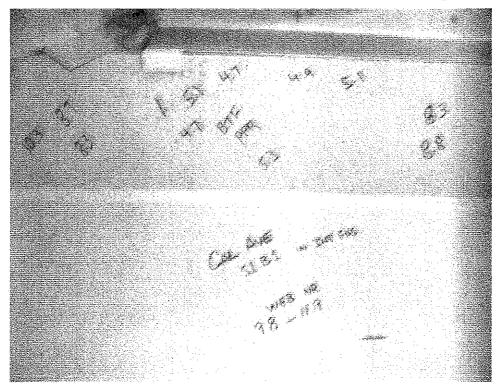


Photograph No. 13

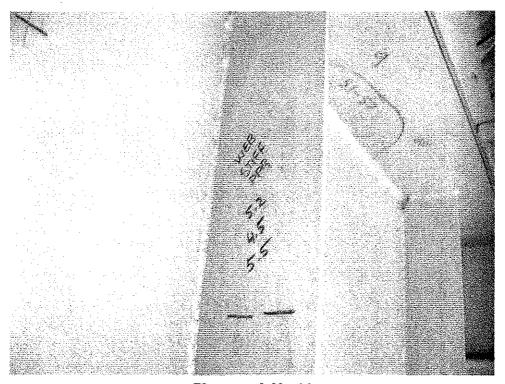


Photograph No. 14

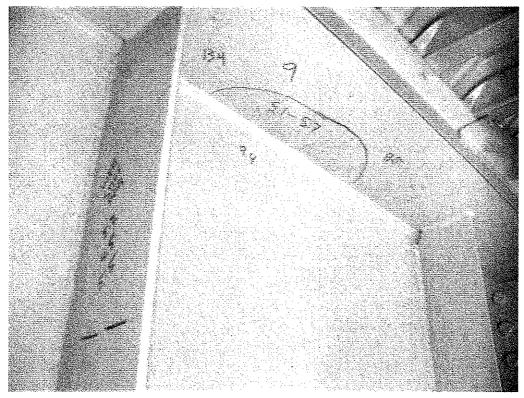
Photographs 15 through 18 shows dry film thickness measurement taken at pinpoint rust locations in two-coat OZ/U Control Span 3, Bays 1 & 2. Note that there was a definite correlation between the occurrence of pinpoint rust and the coating system dry film thickness. These issues are discussed in the "Discussion" section of this report.



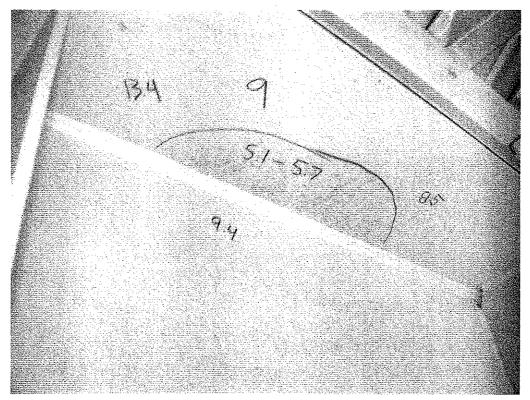
Photograph No. 15



Photograph No. 16



Photograph No. 17



Photograph No. 18