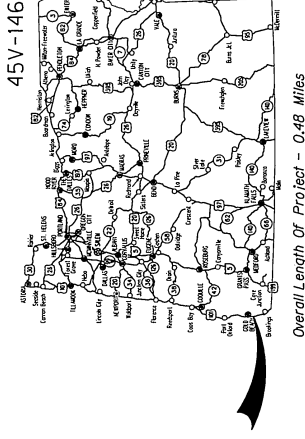


STATE OF OREGON
 DEPARTMENT OF TRANSPORTATION
 PLANS FOR PROPOSED PROJECT
STRUCTURE & PAVING

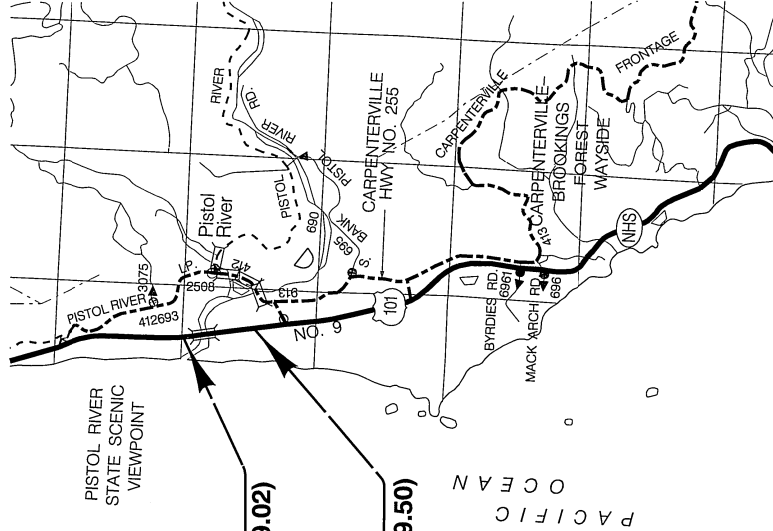
US101: PISTOL RIVER BRIDGE REPAIR
OREGON COAST HIGHWAY
 CURRY COUNTY
 SEPTEMBER 2012



Overall Length Of Project - 0.48 Miles

ATTENTION:
 Oregon Law Requires You To Follow Rules Adopted By The Oregon Utility Notification Center (OUNC) For All Work Done Under OAR 952-001-0090. You May Obtain Copies Of The Rules By Calling The Center. (Note: The Telephone Number For the Oregon Utility Center is 800-222-1981.)

LET'S ALL
 WORK TOGETHER
 TO MAKE THIS
 JOB SAFE



BHF-S009(379)
START OF PROJECT
STA. "OC" 538+95.0 (M.P. 339.02)

BHF-S009(379)
END OF PROJECT
STA. "OC" 576+00.0 (M.P. 339.50)

OREGON TRANSPORTATION COMMISSION
 Chair: Pat Egan
 Vice-Chair: David L. Johnson
 Commissioner: Mark A. Frohnmayer
 Commissioner: Tommy Boney
 Commissioner: Matthew L. Garrett
 Director of Transportation

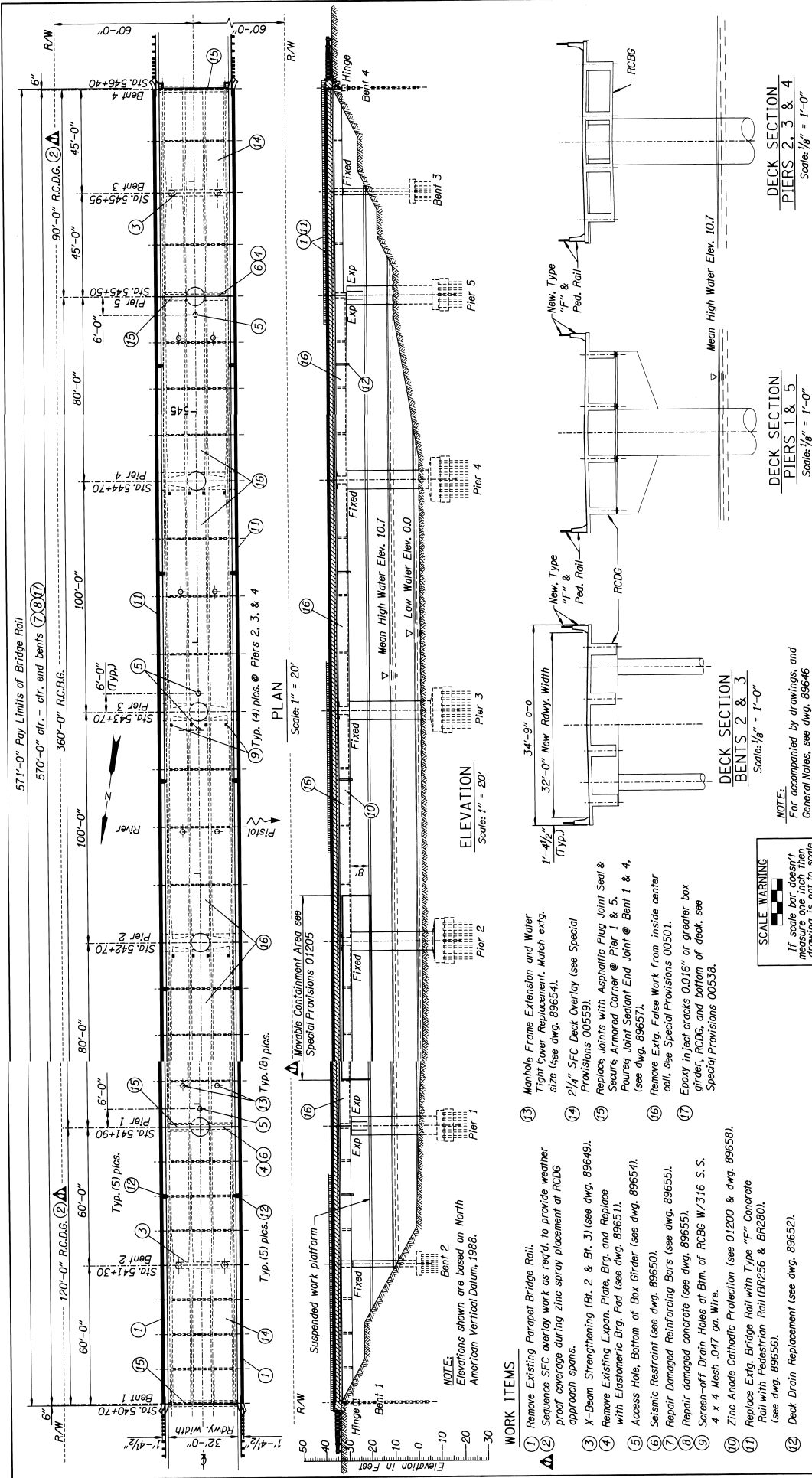
These plans were developed using ODOT design standards. Exceptions to these standards, if any, have been submitted and approved by the ODOT Chief Engineer or their delegated authority.

Approving Authority: *[Signature]*
 Signature & date: **7-13-2012**
 MARK THOMPSON (TECH CENTER MANAGER)
 Print name and title
 Concurance by ODOT Chief Engineer: *[Signature]*

US101: PISTOL RIVER BRIDGE REPAIR
 OREGON COAST HIGHWAY
 CURRY COUNTY

T.38 S., R. 14 W., W.M.

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	BHF-5009(379)	1



<p>SCALE WARNING</p> <p>If scale bar doesn't measure one inch then drawing is not to scale</p>		<p>NOTES:</p> <p>For accompanied by drawings, and General Notes, see dwg. 89646</p>	
<p>WORK ITEMS</p> <p>1 Remove Existing Parapet Bridge Rail.</p> <p>2 Sequence SFC overlay work as req'd. to provide weather proof coverage during zinc spray placement at RC26 approach spans.</p> <p>3 X-Beam Strengthening (Bt. 2 & Bt. 3) (see dwg. 89649).</p> <p>4 Remove Existing Expan. Plate, Brg. and Replace with Elastomeric Brg. Pad (see dwg. 89651).</p> <p>5 Access Hole, Bottom of Box Girder (see dwg. 89654).</p> <p>6 Seismic Restraint (see dwg. 89650).</p> <p>7 Repair Damaged Reinforcing Bars (see dwg. 89655).</p> <p>8 Repair damaged concrete (see dwg. 89655).</p> <p>9 Screen-off Drain Holes at Btm. of RC26 W/316 S.S. 4 x 4 Mesh .047 gr. Wire.</p> <p>10 Zinc Anode Cathodic Protection (see 01200 & dwg. 89658).</p> <p>11 Replace Exlg. Bridge Rail with Type "F" Concrete Rail with Pleatstron Rail (BR256 & BR280), (see dwg. 89656).</p> <p>12 Deck Drain Replacement (see dwg. 89652).</p>		<p>STRUCTURE NO. 08719</p> <p>DATE 19-Jun-2012</p> <p>CALC. BOOK 5329</p>	
<p>DECK SECTION PIERS 1 & 5 Scale: 1/8" = 1'-0"</p>		<p>DECK SECTION PIERS 2, 3 & 4 Scale: 1/8" = 1'-0"</p>	
<p>DECK SECTION BENTS 2 & 3 Scale: 1/8" = 1'-0"</p>		<p>DECK SECTION PIERS 2, 3 & 4 Scale: 1/8" = 1'-0"</p>	
<p>SCALE BAR 1" = 41/2' (Typ) 32'-0" New Rwy. Width 34'-9" 0-0</p>			
<p>PLAN Scale: 1" = 20'</p>		<p>ELEVATION Scale: 1" = 20'</p>	
<p>DECK SECTION PIERS 1 & 5 Scale: 1/8" = 1'-0"</p>		<p>DECK SECTION PIERS 2, 3 & 4 Scale: 1/8" = 1'-0"</p>	
<p>DECK SECTION BENTS 2 & 3 Scale: 1/8" = 1'-0"</p>		<p>DECK SECTION PIERS 2, 3 & 4 Scale: 1/8" = 1'-0"</p>	
<p>NOTE:</p> <p>Elevations shown are based on North American Vertical Datum, 1988.</p>			
<p>MOVABLE CONTAINMENT AREA see Special Provisions 01205</p>			
<p>WORK ITEMS</p> <p>13 Manhole Frame Extension and Water Tight Cover Replacement. Match extg. size (see dwg. 89654).</p> <p>14 2 1/4" SFC Deck Overlay (see Special Provisions 00559).</p> <p>15 Replace Joints with Asphaltic Plug Joint Seal & Secure Armored Corner @ Pier 1 & 5.</p> <p>16 Pourreq Joint Sealant End Joint @ Bent 1 & 4. (see dwg. 89657).</p> <p>17 Remove Exlg. False Work from inside center cell. See Special Provisions 00501.</p> <p>18 Epoxy injected cracks 0.016" or greater box girder, RC26, and bottom of deck, see Special Provisions 00538.</p>			
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>ACCOMPANIED BY DWGS. See sheet R1 for this structure.</p>			
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION Revised Work Item 2</p>		<p>BY MDH</p> <p>DESIGNER Ray B. ...</p> <p>CHECKER Raymond J. B. H. ...</p> <p>REVIEWER Benjamin M. Tang</p>	
<p>DATE 8-30-12</p> <p>REVISION</p>			