<u>*FIBERWRAP GENERAL NOTES*</u>

- 1. Provide Tyfoe Fibrwrape Systems (ICC ESR#2103), Sika CarboDure and SikaWrape Systems, or approved equal as indicated at all identified locations in the plans. Alternate FRP composite system shall have a current ICC Evaluation Service Report compliant with the 2009 IBC and shall submit stamped calculations verifying equivalency to the specified detail.
- 2. The onsite supervisor, foreman and saturation/mixing technician shall provide written verification from the material manufacturer as being trained and certified to install the proposed system.
- 3. Composite system applicator shall submit witness panels prepared at the jobsite for materials testing (ASTM D3039). The testing (at the Engineer's discretion) shall be done by an independent testing laboratory to verify all submitted design properties. Testing shall be paid for by the Contractor. Field test results that are lower than the design properties submitted shall require the Contractor to pay for remedial measures to be approved by the Engineer.
- 4. Contractor shall refer to Special Provisions Section 510 "Externally Bonded Fiber Reinforced Polymer (FRP) Strengthening System."
- 5. <u>Special Inspection</u>: Provide a Certified Special Inspector, trained and certified by the FRP system manufacturer and approved by the Engineer. The Certified Special Inspector shall not be an employee of the Contractor or be financially associated with the Contractor beyond the inspection contract. The Certified Special Inspector shall perform inspections in accordance with the Special Provisions and ICC ES AC178.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

· · ·	<u>À</u> 2/20/13	Revised Fiberwrap General Notes			
	DATE	REVISION			
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LICENSE EXPIRES: 4/30/14 This work was prepared by me or under my supervision.		<u>KALANIANAOLE HIGHWAY</u> ncy Repairs of Ihiihilauakea Bridge <u>Project No. 72B-01-13M</u>			
Norman K Nayamme Scale: None Date: Jan. 16, 2013 SHEET No. S-20 OF 26 SHEETS					
		ADD. 23			

"AS-BUILT"