

Aslan FRP



by Hughes Brothers, Inc.

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Major Project Listing – Transportation Structures

South Acme Bridge – Near Charleston WV

- 24ft X 30ft concrete topping on box beam bridge
- Built in 2000
- Contact Name: Steve Campbell WV DOT Ph:304-558-3775 email: scampbell@dot.state.wv.us
- No photos available

North Acme Bridge – Near Charleston WV

- 24ft X 30ft concrete topping on box beam bridge
- Built in 2000
- Contact Name: Steve Campbell WV DOT Ph:304-558-3775 email: scampbell@dot.state.wv.us
- No photos available

North Kayford Bridge – Near Charleston WV

- 24ft X 36ft concrete topping on box beam bridge
- Built in 2000
- Contact Name: Steve Campbell WV DOT Ph:304-558-3775 email: scampbell@dot.state.wv.us
- No photos available

Box Culvert Bridge – Rolla MO

- 4ft X 4ft Box Culverts for road in Rolla MO
- Built in 1999
- Contact Name: Dr. Antonio Nanni Univ of Missouri Rolla Ph: 573-341-4553 email: nanni@umr.edu



Sierrita de la Cruz Creek Bridge – Near Amarillo TX

- located 25 miles N. of Amarillo for RM1061
- 12 span bridge with 2 spans on end reinforced with Top Mat GFRP bars (Aslan 100)
- Deck area 45ft X 160ft
- Phased construction on prestressed panels placed on girders
- Contractor Gilvin-Terril Construction
- Constructed Fall 2000
- Contact Name: Timothy Bradberry Ph: 512-416-2179 email: tbradber@dot.state.tx.us
- Bridge monitoring by Texas Tech Univ
- Additional bridge railing pendulum tests and full scale crash test by TTI



53rd Avenue Bridge – Bettendorf, IA

- 3 span bridge with center span reinforced by Aslan 100 GFRP in top mat
- Deck area reinforced with GFRP Bars 96ft X 62ft
- GFRP bars in median strip
- Contact Name: Mr. Wally Mook, Director of Public Works, City of Bettendorf
Ph: 319-344-4000 email: wmook@bettendorf.lib.ia.us
- Contractor Brandt Construction, Milan IL
- Constructed Summer 2001
- Engineer of Record Schemmer Associates, Omaha NE
- Bridge monitoring by Iowa State Univ
- Hughes Bros awarded Iowa Quality Initiative Structures Award, Best Concrete bridge constructed on a local road system in Iowa 2000-2001 FHWA , IADOT



O'Fallon Park Bridge – Kittredge CO

- Arched concrete bridge with Aslan 100 GFRP bars in footings, abutments, wing-walls, parapet, and concrete arch. Deck surface an all FRP deck.
Approx 4700ft³ of concrete reinforced with GFRP bars
- Bridge Owner: City and County of Denver CO
- Contractor Structures, Inc. Denver CO
- Constructed Summer 2002
- Engineer of Record Parsons Brinckerhoff Denver, CO



Miles Road Bridge – Cuyahoga County OH

- 2 span bridge with deck area of 38ft X 90ft
- Deck reinforcing in Top & Bottom Mat with Aslan 100 GFRP Rebar
- Sidewalk overhang also incorporates GFRP rebar
- Bridge Owner: Cuyahoga County
- Contact Name: Mr. Robert Klaiber Ph: 216-348-3800
- Contractor JD Williamson Construction Tallmadge OH
- Constructed Summer 2002
- Engineer of Record Osborn Engineering Co Cleveland OH
- Bridge monitoring by Case Western Reserve University Arthur Huckelbridge Ph:216-368-2474 email: aah4@po.cwru.edu



Franklin County Bridge – Virginia DOT

- 3 span bridge with top mat reinforcing with Aslan 100 GFRP Rebar
- Bridge located in Franklin County VA
- Bridge Owner: Virginia DOT
- Contact Name: Todd Marshall Ph: 540-387-5460 email: todd.marshall@virginiadot.org
- Constructed Summer 2003



US 151 Waupon WI

- 2 Span bridge with deck area of 43ft X 107ft
- Deck reinforcing with GFRP grid, stay-in place formwork and augmented by Aslan 100 GFRP Rebar
- Bridge located on US Hwy 151 Near Waupon WI
- Bridge Owner: Wisconsin DOT
- Site Engineering Firm: CH2M Hill
- Contact Name: Dr. Larry Bank Ph:608-262-1604
- Contractor Lunda Construction
- Constructed Summer 2003



Trout River Bridge, British Columbia Canada

- Single span bridge with deck area 40ft X 200ft
- Deck reinforcing in Top Mat with Aslan 100 GFRP Rebar
- Bridge located on km 732 of Alaska Canada Highway
- Bridge Owner: Ministry of Transportation British Columbia
- Contact Name: Mr. Robert Klaiber Ph: 216-348-3800
- Contractor Precision Contracting Inc Prince George BC
- Constructed Summer 2003
- Engineer of Record Delcan
- Bridge monitoring by conventional and fiber-optic strain gauges and accelerometers in real time with internet access. Performed by ISIS Canada

