

Jordan Cartwright
Galveston Railroad Museum Caboose Restoration
Eagle Scout Project

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Caboose Dimensions & Quantities
Painted Area Dimensions
30' long x 10' wide x 9' tall
Caboose Side ~ 270 s.f. x 2 = 540
Caboose Ends ~ 200 s.f. x 2 = 400
Caboose Roof ~ 300 s.f.
Caboose Cupola ~ 105 s.f.
Estimated Exterior Painted Area
~ 1350 s.f.
Estimated Interior Painted Area
~ 1050 s.f.

Materials	Item	Description	s.f. coverage	s.f.	Paint coats	Quantity needed	Total Quantity	price per unit	Cost	Tax	Total Cost	Supplied by	
Pre-Primer Metal Surface Prep.	Varsol, Rustoleum Rust Stripper or Kleen Strip cleaning solvent	32 oz. can Solvent to clean metal after sanding	500	2400	1	4.8	5	\$7.00	\$35.00	\$0.00	\$35.00	Galveston RR Museum	
Exterior Primer (oil based)	Rustoleum oil based "Rusty Metal" Primer	"Rusty Metal" Primer; 1 gallon = 300 s.f.	300	1350	1	4.5	5	\$30.00	\$150.00	\$0.00	\$150.00	Galveston RR Museum	
Exterior Paint (oil based)	Rustoleum oil based "Rusty Metal" Red Paint	"Rusty Metal" Red Paint: 1 gallon = 300 s.f.	300	1350	2	9	10	\$30.00	\$300.00	\$0.00	\$300.00	Galveston RR Museum	
	Rustoleum oil based "Rusty Metal" Yellow Paint	"Rusty Metal" Yellow Paint: (SF Stripe) 1 gallon = 300 s.f.	300	150	2	1	1	\$30.00	\$30.00	\$0.00	\$30.00	Galveston RR Museum	
	Rustoleum oil based "Rusty Metal" White Paint	"Rusty Metal" White Paint (handrails): 1 gallon = 300 s.f.	300	150	2	1	1	\$30.00	\$30.00	\$0.00	\$30.00	Galveston RR Museum	
Interior Paint (oil based)	Rustoleum oil based "Rusty Metal" Gray Paint	"Rusty Metal" Gray Paint (interior): 1 gallon = 300 s.f.	300	1050	1	3.5	4	\$30.00	\$120.00	\$0.00	\$120.00	Galveston RR Museum	
Window Frame Paint	Exterior latex paint for window frames	Black? exterior latex paint for window frames: 1 gal. = 300 s.f.	300	300	1	1	1	\$30.00	\$30.00	\$0.00	\$30.00	Galveston RR Museum	
Roof Coating Material	OSHPO metal roof coating	Roof coating: 1 gallon = 300 s.f.	300	300	1	1	1	\$40.00	\$40.00	\$0.00	\$40.00	Galveston RR Museum	
Window Material	Polycarbonate (36" x 72" sheets)	Polycarbonate to replace windows if scratches won't come out. Try to polish 1st.				5		\$100.00	\$500.00	\$0.00	\$500.00	Galveston RR Museum	
	Window sealant material	window silicone caulk				10	10	\$5.25	\$52.50	\$0.00	\$52.50	Galveston RR Museum	
Subtotal												\$1,287.50	
Supplies	Item	Description	s.f. coverage	s.f.	Paint coats	Quantity needed	Total Quantity	price per unit	Cost	Tax	Total Cost	Supplied by	
	Paint roller replacements						2	\$11.00	\$22.00	\$0.00	\$22.00	Galveston RR Museum	
	Painter's tape						4	\$6.00	\$24.00	\$0.00	\$24.00	Galveston RR Museum	
	Tarps						4	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Garbage bags	Box of 25 black garbage bags					1	\$14.00	\$14.00	\$0.00	\$14.00	Galveston RR Museum	
	Terry cloth rags	Rags to apply solvent + clean				1 bag of 60	1	\$20.00	\$20.00	\$0.00	\$20.00	Galveston RR Museum	

	Gasoline	gas for generator and power washer (if gas powered)						10	\$3.50	\$35.00	\$0.83	\$35.83	Galveston RR Museum
	Windex	window cleaner						2	\$3.00	\$6.00	\$0.00	\$6.00	Galveston RR Museum
	Paint stir sticks							5	\$0.25	\$1.25	\$0.00	\$1.25	Galveston RR Museum
Sandpaper	5" 80 grit coarse sanding disks	for 5" disc sander				5 packs of 50		5	\$0.00	\$0.00	\$0.00	\$0.00	Hansen Materials
	hand sand block sandpaper	sand paper sheets (80 grit)				10 packs of 5		10	\$3.50	\$35.00	\$0.00	\$35.00	Galveston RR Museum
	Brasso or other glass scratch remover	liquid to remove scratches from windows.						2	\$5.00	\$10.00	\$0.00	\$10.00	Galveston RR Museum
								Subtotal				\$168.08	
Tools & Equipment	Item	Description	s.f. coverage	s.f.	Paint coats	Quantity needed	Total Quantity	price per unit	Cost	Tax	Total Cost	Supplied by	
	Generator					1	1	\$0.00	\$0.00	\$0.00	\$0.00	Galveston RR Museum	
	Electric Disc Sanders					2	2	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Power Washer					1	1	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Hand Sand Blocks	sand blocks for hand sanding				4	4	\$8.00	\$32.00	\$0.00	\$32.00	Galveston RR Museum	
	Wire brush with handle	wire brush to clean roof				1	1	\$12.00	\$12.00	\$0.00	\$12.00	Galveston RR Museum	
	Paint brushes					5 packs of 2	5	\$7.50	\$37.50	\$0.00	\$37.50	Galveston RR Museum	
	Paint rollers					4	4	\$0.00	\$0.00	\$0.00	\$0.00	Galveston RR Museum	
	Paint Roller trays	roller trays to pour paint in				4	4	\$0.00	\$0.00	\$0.00	\$0.00	Galveston RR Museum	
	5 gallon buckets	paint and clean up buckets				2	2	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Eye Protection	eye protection glasses or goggles				10	10	\$0.00	\$0.00	\$0.00	\$0.00	Troop 123	
	Disposable painters gloves	vinyl gloves for solvent use				2 bags of 50	2	\$5.00	\$10.00	\$0.00	\$10.00	Galveston RR Museum	
	work gloves	gloves for sanding, etc.				10 pair	10	\$0.00	\$0.00	\$0.00	\$0.00	Troop 123	
	Dust masks	dust masks for sanding, solvent use				1 box of 20	1	\$20.00	\$20.00	\$0.00	\$20.00	Galveston RR Museum	
	Ladders	ladders to reach high areas				2	2	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Portable scaffolding	to reach high areas				1	1	\$0.00	\$0.00	\$0.00	\$0.00	Galveston RR Museum	
								Subtotal				\$111.50	
Others supplies and equipment	Item	Description	s.f. coverage	s.f.	Paint coats	Quantity needed	Total Quantity	price per unit	Cost	Tax	Total Cost	Supplied by	
	Shade canopy	to take breaks out of sun				1	1	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Ice Chests for drinks					2	2	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Table for set up					1	1	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Chairs for resting					8	8	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Fan for breeze?					1	1	\$0.00	\$0.00	\$0.00	\$0.00	Borrowed	
	Food for lunches, snacks					8 days	8	\$30.00	\$240.00	\$19.80	\$259.80	Donated by others	
	Drinks: water and Gatorade					8 days	8	\$15.00	\$120.00	\$9.90	\$129.90	Donated by others	
	Sunscreen					2	2	\$8.00	\$16.00	\$1.32	\$17.32	Donated by others	
								Subtotal				\$407.02	
Total Galveston RR Museum*											\$1,567.08		
Total Donations by others											\$407.02		
Grand Total											\$1,974.10		
* may reduce by \$500 if windows can be polished instead of being replaced with polycarbonate													