Safety Plan fo	or:	120112-C04 A5555 New S	uperstructure S	St. Charles County	
Ву:	BUILD-R Bro	BUILD-R Brothers Inc.		4/31/2012	
Under the Authority of	WC.	WUGAAD		Vice-President	
Accepted by: Law Will	liant	Resident Engineer	Date:	5/5/2012	
Goal: Everybody G	Goes Hoi	me Safe.			
Project Safety Manager		Seth T. Smith			
Phone # (314) 533 2983	Email	<u>seth.smith</u>	<u>@buildrbros.co</u>	<u>em</u>	
Name:		Safety Managers ility Area and Role:			
Jason Jackson	Jason	r and OSHA competent person may also conduct safety meet	ings when Setl	h is not present	
Lisa Smith	Clerk is re	Clerk is responsible for ensuring workers have received required training and keeping all records for the safety plan			
	_				

Assignment of Roles:

Workers:

These individuals and groups are those identified as being routinely present within the work areas for work purposes. Everyone listed here shall be fully trained and responsible for complying with a Safety Plan and achieving the safety goals.

All trades and Foreman for Build-R Brothers

MoDOT construction inspectors from the local RE office

All subcontractor employees for subcontractors with their own accepted safety plan.

Visitors: These individuals and groups are those identified as being occasionally present within the work areas for work purposes. The Safety Plan covers how to protect visitors and achieve the safety goals.

All management for Build-R Brothers

MoDOT management and district materials persons

All subcontractor employees for subcontractors without their own accepted safety plan.

Truck drivers not employed by Build-R Brothers

Media and other local groups that tour the jobsite.

Public: These individuals and groups are those identified as being present on or near the work areas, but not directly associated with the work. The Safety Plan covers how to protect the public and achieve the safety goals.

Traffic on I 70

Traffic on the outer roads and Calle Street

Businesses fronting the outer roads

Residents of the adjacent subdivision to Calle Street

Emergency Contacts

Directions to be given to emergency responders for how to reach the jobsite.

West bound lanes of I70 starting at marker 29.2 and ends at 35.5.

Jones Road onramp is before the project and Ziggy Blvd onramp is halfway in the job.

911 Works at this jobsite

	PHONE #	Name
Police	234-4444	St. Charles PD
	432-4444	State Partrol, Troop L
Fire	234-4445	St. Charles FD
Ambulance	234-4446	Saint Mercy Emergency Center
Project Safety Manager	533 2983	Seth T. Smith
Lead Foreman	533-2984	Luke Johnson
MoDOT Incident Response	345-0001	John Roberts, St. Louis Coordinatior
MoDOT Resident Engineer	345-0002	Jim Jones, P.E.
WODOT Resident Engineer	543 0002	5
MoDOT Lead Inspector	345-0003	lan Williams

DIRECTIONS

	DIRECTIONS			
Hospital	Saint Mercy Hospital, 1234 Big Overhead Drive, St Charles MO 65432			
	Take I70 East to exit 23 (Landing Drive) and go south 2 miles to Big			
	Overhead Drive. Take a left to hospital.			
Emergency Care	Family Practical, 4321 ShadySide Landing. St. Charles MO 65432			
	Take I70 East to Exit 23 (Landing Drive) and go south 4 miles, on left			

Project Safety Analysis

	Activity/Task Name	General Description	Hazards	Controls (Including but not limited to PPE)	
			PPE worn at all times: Hard Hat, Class 2 vest, and s	afety toed boots. Leather gloves worn when	
			handling materials and around any unfinished item		
			Hearing protection kept on person at all times. Every		
			"no-go" taped zones and follow designated pathy		
		Workers and Visitors at a minimum must follow these	matching pants are required. Everyone must partic		
1	General Worksite	general guidelines	employed at th		
	Mobilization	Bringing large equipment or materials onto the site	Interaction of slow moving vehicles with public	Flaggers in class 3 vests and pants. Avoid	
			traffic. Temporary alterations to the traffic control	peak traffic hours. Laborer assigned to	
2			devices to allow large vehicles to enter/leave site.	move and replace barrels for each vehicle as needed.	
	Setting Traffic Control Devices	Placing and removing temporary traffic control devices	Interaction with public traffic.	All workers in class 3 vests and pants. Use a	
		······································		spotter when workers are on shoulder. This	
				activity requires a pre activity meeting	
3				which includes safety.	
	Traffic Switch	Moving east bound traffic to the west bound lanes at the	Interaction with public traffic on fresh alignment.	Contact highway patrol 2 days prior to	
		start of the project and vice versa at the end.		switch. All workers in class 3 vests and	
				pants. Avoid peak traffic hours. Seth will	
				drive through new alignment with MoDOT	
				inspector after the switch. This activity	
	1			requires a pre activity meeting which	
4			titely state a locate result on a trade of the	includes safety.	
	Demolition of existing structure	Use of two hammers, cutting torches, and a crane to remove break down and remove the existing deck and	High Noise levels. Falling and flying debris.	Seth will control access to the area. Workers cutting steel will wear a respirator	
		remove break down and remove the existing deck and steel superstructure	Suspended items. Lead paint being cut.	and heavy apron and gloves. All workers	
5		isteel superstructure		will use hearing protection.	
	Erection of new girders	bringing 10 steel girders on site, lifting them with a	Suspended items. Girders are unstable once placed.	Beams will be brought in using the basic	
		crane and setting them in place.	· · · · · · · · · · · · · · · · · · ·	mobilization controls. Seth will control	
				access to the area including managing who	
				is allowed in the swing radius. Girders will	
				immediately be braced after setting and tie	
				off wire ran before next girder is mob'd.	
				This activity requires a pre activity meeting	
_				which includes safety.	
6	Daintina	After curstion the neurotest sinders and discharging will	own course to homoredous chamicals for workers and	Seth will control access to the area.	
	Painting	After erection the new steel girders and diaphragms will be painted by a subcontractor	public	Subcontractor will present a safety plan for	
7		be painted by a subcontractor	public	their containment and painting.	
	Setting deck panels	bringing 84 deck panels on site, lifting them with a crane	Suspended items.	Panels will be brought in using the basic	
	5 1	and setting them in place.		mobilization controls. Seth will control	
				access to the area including managing who	
				access to the area including managing who is allowed in the swing radius. Workers on	
				is allowed in the swing radius. Workers on the beams handling the panels will be tied	
8			flauren in en ekinen biening auchaad sume'	is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately.	
	Deck Pour	Using a bidwell to finish concrete placed by pumping	Slow moving machinery, tripping, overhead pump	is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately. All formwork will be check prior to ordering	
	Deck Pour	Using a bidwell to finish concrete placed by pumping onto an elevated platform.	Slow moving machinery, tripping, overhead pump ' boom and shifting formwork.	Is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately. All formwork will be check prior to ordering concrete. Seth will control access to area in	
	Deck Pour			Is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately. All formwork will be check prior to ordering concrete. Seth will control access to area in front of the paver and under the pump	
9		onto an elevated platform.	boom and shifting formwork.	Is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately. All formwork will be check prior to ordering concrete. Seth will control access to area in	
9	Deck Pour Traffic Backups			Is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately. All formwork will be check prior to ordering concrete. Seth will control access to area in front of the paver and under the pump boom.	
9		onto an elevated platform. When public traffic backs up beyond first warning	boom and shifting formwork. Danger to traveling public.	Is allowed in the swing radius. Workers on the beams handling the panels will be tied off appropriately. All formwork will be check prior to ordering concrete. Seth will control access to area in front of the paver and under the pump boom. Seth, Jason, and MoDOT inspectors will monitor traffic for excessive backup. All workers exposed to heights will wear	
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Safety Meetings

Number:	Description:	
1.	Start of Shift Meeting	
2.	Pre-Activity Meeting	
3.	Safety Cooldown	
4.		
5.		
6.		
7.		
8.		
9.		
10		

1. Start of Shift Meeting

Details:

This meeting will take place every morning before work starts. Will cover the previous days safety issues Also will cover general safety items related to the days specific work

2. Pre-Activity Meeting

Details:

This meeting will take place when designated before a specific activity that has specific risks. Will cover the steps in the activity, discuss the risks involved, and make sure everyone is on board and understands what they need to do.

3. Safety Cooldown

Details:

Whenever a safety incident occurs the relative people will be brought together for this meeting. Meeting will cover the incident and how to prevent future incidents.

4. NAME A MEETING HERE

Details:

Safety Training

General	
Description	Required For:
	All non-modot
OSHA 10 hour	workers
Basic Safety Training Operation-Field	All modot workers
Bridge Construction Inspection: Inspectors' Safety	All modot workers

Activity/Task Specific

Description	Required For:
	Crane operators
Crane Lifting Strategy and Safety	and handlers
	workers removing
Lead removal and Containment	old steel structure
	subcontractor
	workers painting
Paint Safety - PPE, air, and cleanup.	new steel
	workers erecting
Advanced Rigging, Fall Safety, and Recovery	new steel or bents

Summary

SP Successes

Safety Incidents

Description	Corrective Action	OSHA Recordable	Lost Time (Y/N)	Fatal (Y/N)	Project Incident
		(Y/N)			Rate
				<u> </u>	
	· · ·				