

LEVEL 1 - RISK REGISTER				Project Name: Derby IM 091-3(49) TH 1 (US 5 Conn.), Bridge 1, US 5 Connector over I-91			Bridge Rehabilitation On Alignment		Project Manager	Carolyn Carlson			
Risk Identification							Risk Rating		Risk Response				
Status	ID #	Type	Category	Title	Risk Statement	Current status/assumptions	Priority Rating	Rationale for Rating	Strategy	Response Actions	Risk Owner	Updated	
Active	1	Threat	Construction	Coordination with Border Crossing Station Construction	If the construction planned for the border station does not get completed on time, there could be coordination problems between their contractor and ours	Construction for the border station is planned to take place prior to our construction but could overlap with our construction	Medium	It is possible to construct both facilities at once, but it will make work more difficult	Mitigate	Coordination early on between the contractor/RE and the border crossing team, especially when bridge work affects I-91.	C. Carlson	4/25/2017	
Active	2	Threat	Construction	Coordination with Border Crossing Station Construction	If the Border station changes some of their plans, the elements of their project could interfere with our project	Construction for the border station is planned to take place prior to our construction	Medium	It is possible to construct both facilities at once, but it will make work more difficult	Mitigate	We have the current plans for the border crossing project that show no impact but keep communication open during construction in case changes occur.	C. Carlson	4/25/2017	
Active	3	Threat	Design	Bids come in over estimate	If the bids come in too high, the budgeted amount of money might not be enough	Phasing a bridge project has increase costs associated with it. Bid prices have been rising recently. We will need to keep an eye on that trend	Medium	The budget can be adjusted if necessary, assuming there is money available.	Avoid	Estimate needs to account for increase in bid prices for items affected by the phased construction method. Most structural bridge items, will have	C. Carlson	4/25/2017	
Active	4	Threat	Construction	Steel availability delays construction	If the steel does not get ordered soon enough, it might not be available to be installed at the time required	The project should be bid in the late fall, early winter to give the contractor plenty of time to coordinate this aspect of the project	High	Not having the steel available when needed could have a very large impact on construction schedule and costs	Mitigate	Project is currently on schedule to be out for bid in september. Design team will mobilize the resources needed to keep this schedule.	C. Carlson	4/25/2017	
Active	5	Threat	Construction	Traffic Congestion	Some of the construction operations will necessitate closing some of the lanes of I91 temporarily. The timing of these closures is critical to preventing excessive delays.	Lanes on I 91 should not be closed during high traffic volume period. Research is needed into what time periods should be avoided	High	delaying traffic excessively at this border crossing will be perceived negatively	Avoid	Current plan is to allow no closures on Mondays or Fridays as these are usually the busier times. Also during major holiday weekends.	C. Carlson	4/25/2017	
Active	6	Threat	Construction	Reopening Bridge Late	If the bridge is not opened on time, then construction could last a second season increasing the overall cost of the project	Contract agreement will include deadlines	Medium	Delays will make the work more expensive and tie up resources for a longer period of time, but the work can still be done	Mitigate		C. Carlson	4/25/2017	
Active	7	Threat	Construction	Weather slows the construction	If the bridge is not opened on time, then construction could last a second season increasing the overall cost of the project	Contract agreement will include deadlines	Low	Weather is always an issue and although it can effect the construction schedule, specifications are in place to control this	Accept		C. Carlson	4/25/2017	
Active	8	Threat	Construction	power failure prevents the temporary traffic signals from operating	If the temporary traffic signals are not operating correctly, the phased traffic will back up and/or an accident could result	Temporary traffic signals must be monitored by the contractor to make sure they are fully operational while phased traffic is being use. Specifications address this.	Low	There are many ways to keep these operating including hard wiring, solar power and generator back-up	Mitigate	There are many ways to keep these operating including hard wiring, solar power and generator back-up. It will be up to the contractor to maintain and repair the signals at anytime during operation.	C. Carlson	4/25/2017	
Active	9	Threat	Construction	Emergency Response During Phased Construction	During phased construction, Emergency response time could be lengthened due to having to wait for the signal	Coordination with Emergency Services to mitigate this risk is encouraged possibly including the ability to override the signal	High	Delaying emergency services creates public relations difficulties	Avoid		C. Carlson	4/25/2017	
Active	10	Threat	Construction	Construction materials spill onto I91 under the bridge	Construction activities taking place above live traffic presents risks that needs to be considered	Traffic on I 91 must be temporarily suspended and a safe distance outside of the active construction zone must be maintained while certain activities are taking place overhead.	High	Safety is a very important aspect of the project	Avoid		C. Carlson	4/25/2017	
Active	12	Threat	PM	Project Advertisement	If the project is not advertised on time, then construction year could be delayed	The schedule for plan development must be maintained	Medium	Time period for bidding is important but not crucial	Accept		C. Carlson	4/25/2017	