US 136 HAMILTON VERTICAL REALIGNMENT - EVALUATION OF ALTERNATIVES

	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Alt. 5	Alt. 6*	Alt. 7A**	Alt. 7B**	Alt. 8**	Alt. 9*	Alt. 10
	Existing Alignment						**Horizontal Realignment**				
	No Build	Temp US 136	Temp Bypass	Remove Miss	Reroute RR	Channel Realign	At-grade Cross	At-grade Cross	Bridge over	Channel Realign	Perm Bypass
		Detour Pavement	Railway	River RR Bridge	During Const	& Perm. Realign RR	@Warsaw Road/	@Warsaw Road	Warsaw Road	& Perm Bypass RR	RR (North)
EVALUATION CRITERIA							Railroad	And Railroad		(South)	
US 136 TRAFFIC IMPACTS	NONE	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	LOW	LOW	LOW	LOW	LOW
WARSAW ROAD TRAFFIC IMPACTS	NONE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE	TEMP CLOSURE
		(2 MONTHS)	(3 MONTHS)	(3 MONTHS)	(3 MONTHS)	(2 WEEKS)	(3 WEEKS)	(1 MONTH)	(1 MONTH)	(2 WEEKS)	(2 WEEKS)
RAILROAD TRAFFIC IMPACTS	NONE	TEMP CLOSURE	2 WK CLOSURE	VERY HIGH	TEMP REROUTE	2 WK CLOSURE	LOW	TEMP REROUTE	VERY LOW	2 WK CLOSURE	2 WK CLOSURE
		(2 MONTHS)		(PERM. CLOSURE)	(CLOSED FOR 3 1/2 MO.)			(CLOSED FOR 1 MO.)			
WARSAW BRIDGE REPLACEMENT	NO	YES - BRIDGE	YES - BRIDGE	YES - BRIDGE	YES - BRIDGE	YES - CULVERT	NO - REMOVED	NO - REMOVED	YES - BRIDGE	YES - CULVERT	YES - BRIDGE
LAND ACQUISITION IMPACTS	NONE	MEDIUM	LOW	LOW	LOW	MEDIUM	HIGH	HIGH	HIGH	HIGH	LOW
SUSCEPTIBLE TO FLOODING	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CONSTRUCTION DURATION											
		S-1 DETOUR = 2 MONTHS	S-1 SHOOFLY CROSSING	S-1 = 3 MONTHS	S-1 = 3 MONTHS	S-1a = 2 MONTHS	**S-1 THRU S-3 = 6 MONTHS**	**S-1 THRU S-3 = 6 MONTHS**	**S-1 & S-2 = 7 MONTHS**	**S-1 THRU S-4 = 6 MONTHS**	**S-1 THRU S-4 = 6 MONTHS**
		S-2 US 136 = 3 MONTHS	ON US 136	S-2 = 3 MONTHS	S-2 = 3 MONTHS	S-1b = 2 MONTHS					
		(INCL. US 136 BR. & RR)	EB LANES = 5 DAYS	S-3 = 1 WEEK	S-3 = 1 WEEK	S-1c = 0 MONTHS					
		S-3 WARSAW RD. = 2 MO.	S-2 = 3 MONTHS	**TOTAL= 6 1/2 MONTHS**	**TOTAL= 6 1/2 MONTHS**	(CAN BE COMPL. DURING					
		S-4 = FINAL SURFACE &	S-3 = 2 WEEKS			S-1a & S-1b)					
		MISC. = 1 MONTH	S-4 = 3 MONTHS			S-2 = 1 MONTH					
		TOTAL= 8 MONTHS	S-5 = 2 WEEKS			S-3a (RR X-INGS) =					
			TOTAL= 7 MONTHS			2 WEEKS					
						S-3 b (WARSAW RD.)=					
						2 WEEKS					
		NOTE: COST OF				S-4 = 1 MONTH	**NOTE: INCLUDES SINGLE**				
		RELOCATING ASPHALT				S-5 = 2 WEEKS	**POINT INTERSECTION**				
		PLANT NOT INCLUDED.				**TOTAL= 7 1/2 MONTHS**	**W/ US 136, WARSAW RD**				
							AND RAILROAD.				
		NOTE: 3 MONTH DTR. ON	**NOTE:** RR CLOSED FOR	**NOTE:** RR CLOSED/	**NOTE:** RR CLOSED FOR	**NOTE:** RR CLOSED FOR	**NOTE:** WARSAW RD.	**NOTE:** WARSAW RD.	**NOTE:** WARSAW RD.	**NOTE:** WARSAW RD.	**NOTE:** WARSAW RD.
		US 136; 2 MONTH	2 WEEKS IN S-3.	DEAD ENDED	3 1/2 MONTHS (DURING	2 WEEKS IN S-3 &	CLOSED FOR 3 WEEKS	CLOSED FOR 1 MONTH	CLOSED FOR 1 MONTH	CLOSED FOR 2 WEEKS	CLOSED FOR 2 WEEKS
		CLOSURE ON RR; AND	WARSAW RD. CLOSED	PERMANENTLY.	S-1 & PART OF S-2).	WARSAW RD..	FOR GRADE X-ING &	IN S-2 & RR CLOSED	IN S-2		
		2 MONTH CLOSURE ON	FOR 3 MONTHS DURING	WARSAW RD. CLOSED		POSSIBLY CLOSED FOR	SIGNALS.	FOR 1 MONTH.			
		WARSAW RD.	S-3 & S-4.	FOR 3 MONTHS.		2 WEEKS.					

* NOT SURE IF ARMY CORPS OF ENGINEERS WILL ALLOW CHANNEL CHANGE (SHORTER CHANNEL)