

DFW HIGH-SPEED TRANSPORTATION LEVEL 1 ALIGNMENTS/MODES



● = High ○ = Medium ○ = Low

Level 1 Fatal Flaw Analysis Results (Alignment and Mode)

Criteria	TRE Alignments					WFTR Alignments					IH-30 Alignments												SH 180 Alignments										SH 303 Alignments																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43									
Purpose & Need Criteria (Fatal Flaw Analysis)	Serve Downtowns of Dallas & Fort Worth																																																			
	Faster Travel Time (20 minutes)	Conventional Rail	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
		Higher-Speed Rail	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		High-Speed Rail	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	
		Maglev	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Hyperloop	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Level 1 Alignment Analysis Results

Criteria	TRE Alignments					WFTR Alignments					IH-30 Alignments												SH 180 Alignments										SH 303 Alignments																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43								
Purpose & Need Criteria (Alignments)	Safe (Infrastructural Challenges)																																																		
	Convenient (access to other transportation options)																																																		
	Connects to existing rail in DFW																																																		
	Improves access to major activity centers																																																		
Level 1 Alignment Recommendations	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Light Green Box = alignments/modes carried forward for further evaluation

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Level 1 Mode Evaluation Results

Criteria		Modes			
		Higher-Speed Rail	High-Speed Rail	Maglev	Hyperloop
Purpose & Need Criteria (Modes)	Safety Guidelines	●	◐	◐	○
	Reliable (Weather)	●	●	●	●
	Reliable (Traffic)	●	●	●	●
	Convenient (Passenger Mode Familiarity)	●	●	●	○
	Convenient (Expected Wait Times)	○	●	●	●
	Linkage to Dallas-Houston Corridor	◐	●	◐	◐
	Linkage to Fort Worth-Laredo Corridor	◐	◐	◐	◐
	Long-Distance Capability	●	●	●	●
Level 1 Mode Recommendations		●	●	●	●

= modes carried forward for further evaluation