

DECISION MATRIX for DB DELIVERY OPTIONS

Key Issues	DBB*	DB Basic*	DB Low Bid**
Project Size	Any Size (Contract Value)*	Any Size (Contract Value)*	STIP sized (Contract Value)
Project Complexity (based on project components and extent of interfaces)	High to Low	High to Medium	Low
Control of Design	Agency performs design in-house or outsourcers for final design, specifications, plans and quantities. Agency responsible for final design.	Design-Builder or Shared with Design-Builder finalizing design and Agency review and acceptance of final design	Agency takes design up to Preliminary Design w/quantities. Agency with Design-Builder finalizing design with Agency approval.
Control of Quality	QA by Agency. QC shared, as required by Contractor	Design-Builder providing QC with Agency oversight and right to inspect	Agency with Design-Builder providing QC (as required with DBB)
Environmental Effort <ul style="list-style-type: none"> ➤ Class 1 DEIS / FEIS ➤ Class 2 Cat Ex ➤ Class 3 EA / Rev EA 	Agency controls design and permitting and compliance monitoring. Contractor responsible for compliance with permitting and requirements	NEPA process possible, prefer Cat Ex with minimal to no impact on environment to accelerate schedule. Environmental Permits by Agency with Design-Builder support	No impact to environment Environmental Permits by Agency
Major Utilities Impacted <ul style="list-style-type: none"> ➤ Reimbursable Utilities ➤ Major Utility Relocations 	Major utilities relocations, with reimbursable utilities	Major utilities relocations, avoid reimbursable utilities	No significant impact to utilities
ROW Acquisition <ul style="list-style-type: none"> ➤ Permanent ROW ➤ Construction Easements 	ROW acquisition and construction easement acquisition by Agency	No or Minimum ROW acquisition and construction easement acquisition by Agency	No Right-of-Way acquisition required
Railroad Crossings	RR Crossing Order and C&M agreements obtained by Agency	RR crossing within existing easement / agreement	No RR crossing
Schedule Critical (all options provide for a "season savings" with the overlap of design and construction over DBB)		9 to 20 Months from Project Initiation to DB Contract Award	9 to 12 Months from Project Initiation to DB Contract Award

(*) DB Basic and Design-Bid-Build (DBB) are delivery methods that can be used on any type or size project. The impact of a complex and large project undertaken by DB Basic is the time to assemble relevant site specific information and establishment of project requirements. On average DB delivery provides a shorter overall schedule than DBB delivery.

(**) DB Low Bid is a method that has been scaled-down from DB Basic to better align with STIP-sized projects and offer a more collaborative delivery method. With Agency providing design concepts and preliminary designs that the Design-Builder will use to complete the design. Quality management will be performed by Agency, minimizing the Design-Builder's staffing and paperwork for DB Lite. Agency has the option to include Quality management into the Design-Builder's scope of work. DB Lite Low Bid is a method that aligns closely to Agency's traditional DBB delivery.