DC-295/Benning Road Interchange IMR Screening Results

19 concepts were developed to generate solutions for the DC-295/Benning Road interchange that address the project's Purpose and Need Statement. Concepts were evaluated through a two-tiered screening process to identify concepts that best meet the project's safety, connectivity, and operational objectives.

Screen 1

Qualitative Screening Criteria (Pass/Fail Evaluation)

Engineering/Constructability

- Construction feasibility
- Clearance issues/engineering constraints
- Property acquisition required

Safety and Operational Analysis

- Addresses safety concerns
- Number of interchange movements
- Effects on pedestrian and bicycle facilities
- Traffic operations

Construction Duration and Cost

Cost and construction duration

Environmental and Community Effects

- Environmental justice communities
- Access to and from adjacent neighborhoods
- Environmental resources





raw score of 0 (the criterion	Criteria	Weighting
	Safety/Ops	40
	Engineering/Constructability	24
weighting factor rtance to the /Operations ng	Construction Duration/Cost	18
	Environmental/ Community Effects	18
	Total	100

Alternative A (Concept 7C) and **Alternative B** (Concept 8D) were identified as the **Build Alternatives** after the two-tiered screening process





