



ALTERNATIVE EVALUATION MATRIX

SH 5 Downtown Ped. Connection Feasibility Study - Phase 1 4/18/2022 Conceptual Alternative **Srade Separated** (Inverted Deck Park) **Deck Park** Enhanced Crossing At-Grade No -Build (TxDOT Quality of Life 1. Enhanced Public Space and Amenities Improve amenities and public accessible spaces to enhance community livability 2. Enhanced Views and Local Character Preserves or enhances the physical, natural and/or community character of the project site and its surroundings 3. Public Support Favorable public perception and support Mobility/Access 1. Transportation Network Supports a connected transportation network for ALL modes 2. Private Property Impacts Property/business displacements, access, etc. 3. Safety Reduces number of conflict points between transportation modes (vehicle, pedestrian, etc.) Compatibility 1. Existing Infrastructure Existing roadways, public/franchise utilities, etc. 2. Future Development Integration potential with future development 3. TxDOT - Planned SH 5 Improvements Compatibility with TxDOT planned improvements (TxDOT project timing, funding sources, design impacts, etc.) D. Economic Factors 1. Resource Capital Initial project financial cost without O&M, time investment, human resource capital, etc. 2. Operations and Maintenance Cost to maintain and enhance the facility 3. Federal Grant Favorability Likeihood to qualify for federal grant funding **Coordination and Approvals** 1. Agency Approvals Total number of agency approvals (TxDOT, DART, NEPA, FHWA, etc.) 2. Timeline and Schedule Anticipated duration of time to obtain all necessary approvals and permits