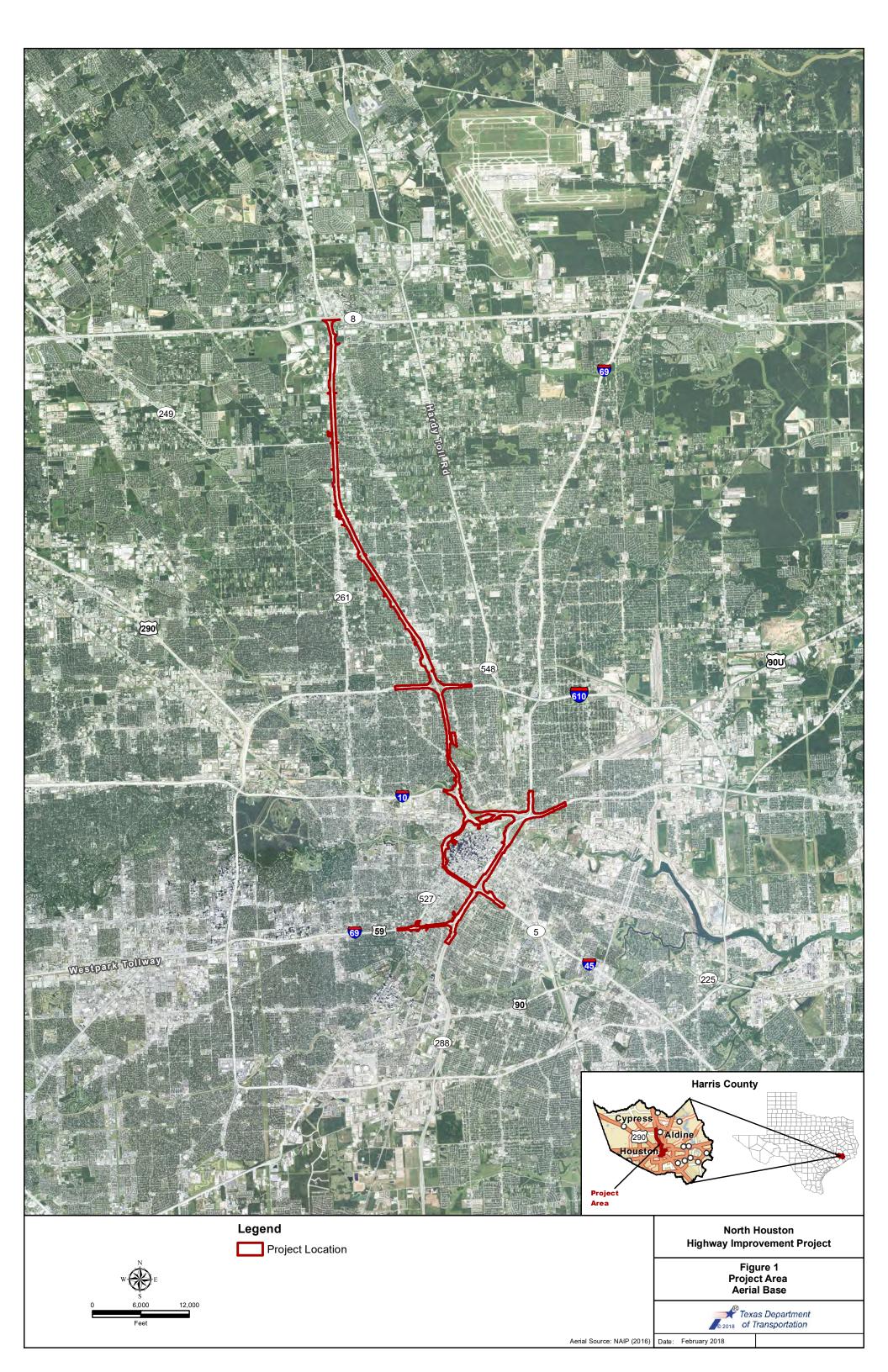
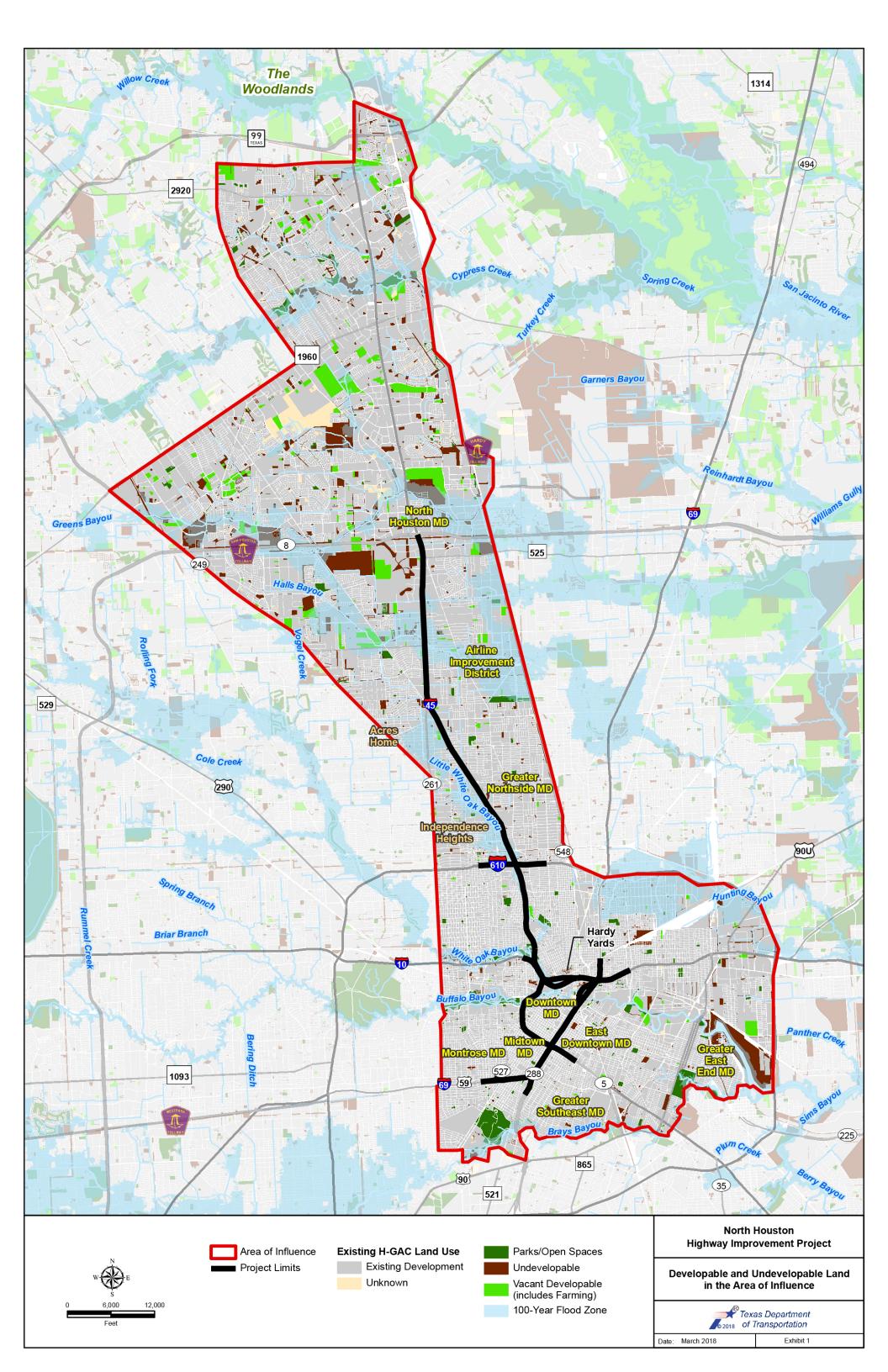
## **APPENDIX A: FINAL EIS EXHIBITS**





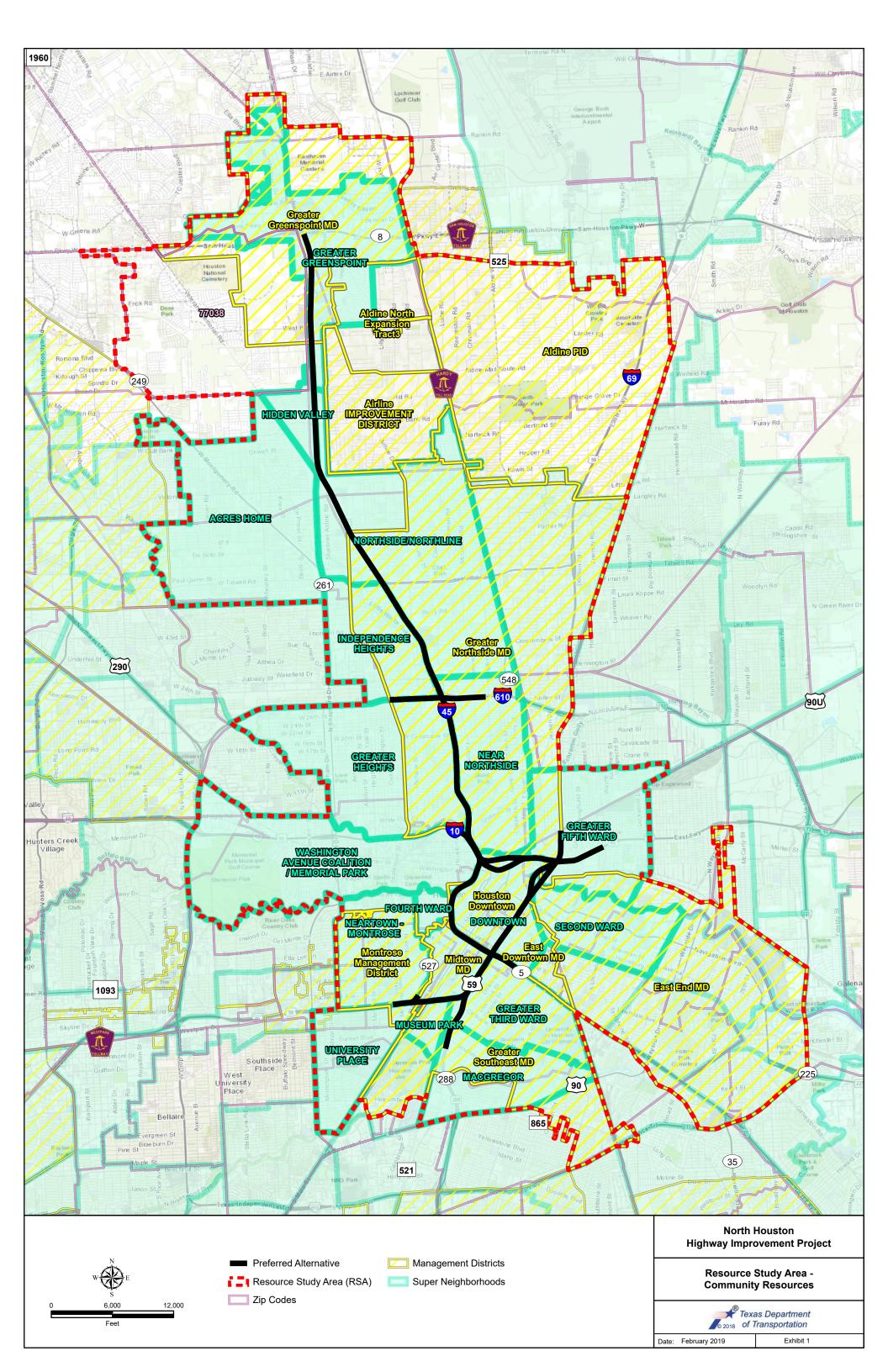


Table A-1: Mitigation and Commitments Required by Policy/Regulation

	Category	Impacts	Mitigation and Commitments	Timing/phase of construction
	Community Impacts Travel Potterns and		Provide safe and efficient connections to and around neighborhoods during construction for all modes of transportation, including bicycles and pedestrians.	
1.	Community Impacts- Travel Patterns and Access	Temporary road closures and traffic detours	Provide advanced notice of temporary road closures and traffic detours.	Final design/during construction
			Maintain access to properties during construction.	
2.	Community Impacts-Travel Patterns and Access	Temporary impacts to pedestrian and bicycle access to schools	Ensure safe pedestrian and bicycle routes to schools are provided during construction.	During construction
3.	Community Impacts- Traffic Noise	Traffic noise impacts near residential areas, parks, open spaces, and recreational areas	Construct noise barriers, where feasible, reasonable, and approved by landowners adjacent to the proposed noise barriers. Any subsequent project design changes may require a re-evaluation of preliminary noise barrier proposals. The final decision to construct the proposed noise barriers will not be made until completion of the proposed project design, utility evaluation, and polling of adjacent property owners during traffic noise workshops.	Final design/during construction
			Implement best management practices (BMPs) to minimize noise during construction, as per FHWA's Highway Construction Noise Handbook (2006).	
4.	Community Impacts- Construction Noise	Temporary noise impacts during construction		During construction
	Transportation		Accommodate or replace existing trails and allow for planned future trails.	Final design /pro construction /during
5.	Transportation- Hike and Bike Trails	Temporary trail closures and detours during construction	Coordinate with the City of Houston to provide advanced notice of temporary trail closures and detours during construction.	Final design/pre-construction/during construction
		Temporary displacement of bus stops during construction	In cooperation with METRO, install temporary bus stops outside of the proposed right-of-way and as close as possible to the original bus stop location.	
6.	Transportation- Bus Services		In cooperation with METRO, notify riders at least one week in advance of temporary relocation or closure of bus stop.	Pre-construction/ during construction
7.	Transportation- Bus Services	Bus stop displacements and relocations	In cooperation with METRO and City of Houston, design new and re-established bus stop locations in accordance with the Americans with Disabilities Act requirements.	Final design
8.	Transportation – Railroad Operations	Temporary impacts to freight rail service from the construction of railroad bridge structures and/or the temporary relocation of track operations		Planning Pre-construction/ during construction
9.	Safety	Potential temporary impacts to emergency response travel time	Coordinate with city and county officials to minimize disruptions to emergency services during construction.	Final design/pre-construction/during
10.	Relocations and Displacements	during construction  All Displacements	Provide language translation services for displaced individuals, families, businesses, and nonprofit organizations.	Construction  During property acquisition
11.	Relocations and Displacements	All Displacements	Relocation Assistance - Assign relocation assistance counselor that will 1) determine need for assistance and 2) provide	During property acquisition
12.	Relocations and Displacements	Owner occupants and tenants of less than 90 days	Compensation Owner-occupants of less than 90 days and tenants may be eligible for down-payment assistance and related incidental expenses, not to exceed the amount of the approved rental assistance supplement. Incidental expenses for replacement housing include the reasonable costs of loan applications, recording fees and certain other closing costs.	During property acquisition
13.	Relocations and Displacements	All <b>owner occupant</b> displacements (residences, businesses, schools, places of worship and other nonprofit facilities)	Notification Provide property owners with notification of TxDOT's intent to acquire an interest in their property, including a written offer letter of just compensation specifically describing those property interests.  - To the greatest extent possible, property owners have a minimum of 90 days from date of written notice before TxDOT will acquire property	During property acquisition

	Category	Impacts	Mitigation and Commitments	Timing/phase of construction
14.	Relocations and Displacements	All <b>tenant occupant</b> displacements (residences, businesses, schools, places of worship and other nonprofit facilities)	Notification Provide tenant occupants with relocation notification package. Assign relocation assistance counselor. Provide a relocation booklet explaining tenant entitlements under the relocation assistance program.  - To the greatest extent possible, tenants have a minimum of 90 days from date of written notice before TxDOT will acquire property.	During property acquisition
15.	Relocations and Displacements	Residential displacements- owner and tenant occupants	Relocation Assistance Assure residents will not be required to move unless at least one comparable replacement dwelling is available.	During property acquisition
16.	Relocations and Displacements	Residential displacements- owner occupants	Compensation Compensate any person(s) whose property needs to be acquired, in accordance with the Uniform Relocation and Real Property Acquisition Policies Act of 1970, as amended; 49 CFR Part 24, Subparts C through F; Title VIII of the Civil Rights Act of 1968 (Federal Fair Housing Act); Housing and Urban Development (HUD) Amendment Act of 1974, and TxDOT policies and procedures.  - Provide reimbursement of moving costs and certain related expenses incurred in moving.  - Provide just compensation for property.  - Provide Replacement Housing Payments as Purchase Supplements or Down Payment Assistance to purchase comparable decent, safe, and sanitary replacement dwelling.	During property acquisition
17.	Relocations and Displacements	Residential Displacements tenant occupants	Compensation Compensate any person(s) whose property needs to be acquired, in accordance with the Uniform Relocation and Real Property Acquisition Policies Act of 1970, as amended; 49 CFR Part 24, Subparts C through F; Title VIII of the Civil Rights Act of 1968 (Federal Fair Housing Act); Housing and Urban Development (HUD) Amendment Act of 1974, and TxDOT policies and procedures.  - Provide reimbursement of moving costs and certain related expenses incurred in moving.  - Provide compensation for comparable replacement dwelling that is decent, safe, and sanitary.  - Provide Rental Assistance Supplement to eligible persons for the increased cost of renting and occupying a decent, safe and sanitary replacement dwelling.	During property acquisition
18.	Relocations and Displacements	Residential displacements- Public Housing Units	Relocation Assistance Assist residents at public housing, as defined by the Uniform Relocation and Real Property Acquisition Policies Act of 1970, as amended; 49 CFR Part 24, Subparts C through F, to find comparable replacement housing.  Assure tenant occupant will not be required to move unless at least one comparable replacement dwelling is available.	During property acquisition
19.	Relocations and Displacements	Residential displacements Tenants using HHA Housing Choice Voucher Program	Relocation Assistance Assist residents at public housing, as defined by the Uniform Relocation and Real Property Acquisition Policies Act of 1970, as amended; 49 CFR Part 24, Subparts C through F, to find comparable replacement housing.  Assure tenant occupant will not be required to move unless at least one comparable replacement dwelling is available.	During property acquisition
20.	Relocations and Displacements	Non-Residential Displacements (businesses, schools, places of worship and other nonprofit facilities)	Compensation Compensate any person(s) whose property needs to be acquired, in accordance with the Uniform Relocation and Real Property Acquisition Policies Act of 1970, as amended; 49 CFR Part 24, Subparts C through F; and, TxDOT policies and procedures.  - Provide reimbursement of moving costs and certain related expenses incurred in moving.  - Personal Property- Provide payment for the actual direct loss of tangible personal property or the	During property acquisition
21.	Relocations and Displacements	Non-Residential Displacements (businesses, schools, places of worship and other nonprofit facilities)	Relocation Assistance - Assign relocation assistance counselor to help with relocation planning Explore and provide advice about possible sources of funding and assistance from other local, state and federal agencies.	During property acquisition

	Category	Impacts	Mitigation and Commitments	Timing/phase of construction
22.	Relocations and Displacements	Medical facilities Displacements	Reimburse cost of relicensing fees and medical licenses at new location.	During property acquisition
23.	Relocations and Displacements	Billboards and Advertisement Sign Displacements	Compensation - Provide relocation payment for moving and related expenses Reimburse for actual reasonable expenses incurred in searching for a replacement sign site, not to exceed \$2,500.	During property acquisition

Table A-2: Mitigation and Commitments Not Required by Policy/Regulation

	Category	Impacts	Mitigation and Commitments*	Timing/phase of construction
1.	Community Impacts	Long-term traffic noise impacts	TxDOT plans to use longitudinal tining on all main lanes and frontage roads. Longitudinal tining creates shallow grooves in a roadway surface, running lengthwise, which decreases noise compared to transverse tining. Potential noise reductions from use of longitudinally tined pavement have not be quantified for this project and are not accounted for in the analysis included in the Traffic Noise Technical Report.	During construction
2.	Community Impacts	Visual and aesthetic impacts	Design bridges in consideration of visual aesthetics and minimize the number of support columns for elevated roads.  Coordinate with the community to integrate aesthetic enhancements in the project design.	Final Design
3.	Recreational Resources- Open Spaces	Impaired view of Downtown skyline from greenway area near Hogg Park, due to proposed elevated highways	Design bridges in consideration of visual aesthetics. Optimize open space by aligning substructure for multiple roadways where feasible. `	Final design
4.	Recreational Resources- Open Spaces	Impaired views of the Downtown skyline from White Oak Bayou Greenway, due to proposed elevated highways	Design bridges in consideration of visual aesthetics.  Evaluate the use of the proposed storm water detention areas in the area as potential green spaces with opportunities for aesthetic enhancements under the elevated sections of the roadways in this area.  Improve viewshed from University of Houston campus to Downtown skyline by moving I-10 to north of campus.	Final design
5.	Transportation Hike and Bike Trails	Relocate portion of the proposed hike and bike trail along Little White Bayou	Modify alignment of existing pedestrian/bicycle trail along the west side of I-45 south of Link Road to provide a connection to the proposed sidewalk/trail adjacent to the southbound I-45 frontage road.	Final design
6.	Transportation- Transit Services	Temporary road closures and traffic detours may have impacts on access to public transit services	Coordinate with METRO for phasing of improvements to minimize disruptions to transit operations.  Limit periods of disruption to the existing HOV lane and coordinate with METRO to define the limits so they can be planned for and communicated with the public.  Maintain transit services by utilizing shoofly and temporary track alignments with very limited outages for connections and cut-overs.	Final design/pre-construction/ during construction
7.	Transportation- Bus Services	Temporary road closures and traffic detours may have impacts on access to bus services and bus stops	Coordinate with METRO for review of the 30 percent design plans.  Coordinate with METRO at least 2 to 3 weeks in advance of construction to minimize disruptions to services and schedules.  Conduct follow-up meetings with METRO as requested.  METRO will install temporary bus stops outside of the proposed right-of-way and as close as possible to the original bus stop location.	Final design/pre-construction/ during construction
8.	Transportation- Bus Services	Temporary road closures and traffic detours may have impacts on access to bus services	Coordinate with METRO for notification to riders at least one week in advance of any closures, delays, or modifications in bus routes, and bus stop relocations or closures. Additional public notifications by METRO would include:  - A list of detours and changes to bus stops posted on METRO's website  - Notices at bus stops with new bus stop location and bus route map  - Information on social media (Twitter, Facebook); notifications on social media are typically posted one month in advance  - Mail-out to riders registered to receive notifications  Conduct follow-up meetings with METRO as requested.	Pre-construction/ during construction
9.	Transportation- Railroad Operations	Temporary impacts to railroad tracks that parallel Winter Street and bridge over I-10/I-45 and White Oak Bayou	Construct a shoofly (a temporary track) that offsets the existing bridge and serves as a detour route for rail traffic during construction.  Schedule tie in connections to rail mainline with sufficient advance notice to allow railroad companies to plan for alternative routes.	Pre-construction/ during construction

	Category	Impacts	Mitigation and Commitments*	Timing/phase of construction
10.	Transportation- Accessibility	Removal of the North Street bridge across I-45	Provide improved pedestrian-bicycle accommodations on the North Main Street bridge for travel between Near Northside and Greater Heights. Sidewalks would be added along the I-45 frontage roads.  Maintain communication with Near Northside neighborhood and Travis Elementary School regarding schedule for demolition of North Street bridge.  Ensure safe pedestrian-bicycle facilities are provided at North Main Street during construction.	During construction
11.	Transportation - Accessibility	Loss of direct access from East Downtown to central Downtown via Polk Street at US 59/I-69	Reconstruct Hamilton Street to be a continuous southbound street adjacent to US 59/I-69 between Commerce Street and Leeland Street, which would reestablish connectivity across US 59/I-69 on other streets between central Downtown and the east side of Downtown: Dallas, Lamar, McKinney, and Walker streets.	During construction
12.	Community Impacts -Environmental Justice	Noise and air quality impacts (residents in minority and low-income areas)	To mitigate for potential short-term construction dust and/or noise impacts, TxDOT will develop a program to provide weatherization and energy efficiency for qualifying low-income single-family residences.	Pre-construction/during construction
13.	Community Impacts - Environmental Justice	Noise and air quality impacts (schools)	Coordinate with schools to address construction phasing and effects during STAAR testing and other sensitive times.	Pre-construction/ during construction
14.	Relocations and Displacements- Environmental Justice	Residential displacements (residents in low-income areas)	Coordinate with the City of Houston and affordable housing providers to identify opportunities to build affordable housing in same neighborhoods where residents would be displaced. TxDOT is committing an amount of no less than \$27 million toward developing affordable housing in the neighborhoods most affected by the proposed project.	During property acquisition
15.	Relocations and Displacements- Environmental Justice	Midtown Terrace Suites – 60- multi-family residential units would be displaced	TxDOT is proceeding with advance acquisition of the property. During the relocation process, residents will be able to remain in the existing facility for an agreed amount of time negotiated between the property owner and TxDOT. Replacement units will be built in the same complex.	During property acquisition
16.	Relocations and Displacements- Environmental Justice	Temenos Place Apartments II	TxDOT is proceeding with advance acquisition of the property. During the relocation process, residents will be able to remain in the existing facility for the agreed amount of time negotiated between TxDOT and the property owner. TxDOT has executed an agreement with the Temenos Place Apartments II management so that all reasonable efforts will be made to replace the 80 residential units affected by the project within a one-mile radius of the existing Temenos II facility.	During property acquisition
17.	Relocations and Displacements- Environmental Justice	Housing units at Clayton Homes and Kelly Village	TxDOT is in coordination with the HHA on acquisition of the property and relocation of the residents of Clayton Homes with the intent of constructing over 70 percent of replacement housing within one mile of the existing Clayton Homes location.  TxDOT is in coordination with the HHA on acquisition of the property and relocation of the residents of Kelly Village with the intent of constructing new housing in the vicinity of the existing Kelly Village.	During property acquisition
18.	Relocations and Displacements- Environmental Justice	Displacement of homeless persons living in project right-of-way	Coordinate with the City of Houston and homology convices providers to develop a plan to assist in the	Pre-construction
19.	Relocations and Displacements- Environmental Justice	Displacement of places of worship that own their property and serve high-minority or low-income populations	In addition to the required mitigation measures listed in Table 6-1, TxDOT will:  - Offer the opportunity to request advance acquisition of property.  - Allow occupants, during the relocation process, to remain in the existing facility for an agreed amount of time negotiated between the property owner and TxDOT.	During property acquisition
20.	Relocations and Displacements- Environmental Justice	Greater Mount Olive Missionary Baptist Church	TxDOT is proceeding with advance acquisition of this property; advance acquisition would provide additional time for relocation of the place of worship.  TxDOT will work with the community to provide a "pocket park" near the current location of the Greater Mount Olive Missionary Baptist Church along with a plaque or other suitable commemoration of the church's history in the neighborhood.	During property acquisition; During construction
21.	Relocations and Displacements- Environmental Justice	Displacement of non-profit organizations and service providers that serve high-minority or low-income populations	<ul> <li>In addition to the required mitigation measures listed in Table 6-1, TxDOT will:</li> <li>Offer the opportunity to request advance acquisition of property.</li> <li>Allow occupants, during the relocation process, to remain in the existing facility for an agreed amount of time negotiated between the property owner and TxDOT.</li> </ul>	During property acquisition

	Category	Impacts	Mitigation and Commitments*	Timing/phase of construction
22.	Relocations and Displacements- Environmental Justice	Displacement of medical offices that serve low-income or minority populations located in the building at 7007 North Freeway.  Tenants include: North Houston Birth Center, LLC**, Unicare MRI & Diagnostic Center Houston Children's Dental Center and other medical offices	TxDOT is proceeding with advance acquisition of the property. Tenants will be assigned a relocation assistance counselor who will provide relocation information and assistance including tenant entitlements under TxDOT relocation assistance program.	During property acquisition
23.	Relocations and Displacements- Environmental Justice	Displacement of the Consulate General of Mexico (Mexican Consulate)	TxDOT is proceeding with advance acquisition of the Mexican Consulate property and has assisted the Consulate to find a place to relocate.	Prior to construction
24.	Environmental Justice	Temporary road closures and traffic detours may impact access to businesses and service providers that serve environmental justice facilities	Public Involvement Officer will conduct public outreach and provide notification of temporary road closures and traffic detours via social media.  Maintain access to properties during construction.	Pre-construction/during construction
25.	Environmental Justice	Noise impacts	Aesthetic walls are tentatively proposed in environmental justice areas where they would be effective for noise mitigation (reduce traffic noise levels by at least 3 dB(A)). Proposed locations may change during final design of the facility. Ultimately, the decision whether to construct the walls will be determined by a vote of the adjacent property owners.	During construction
26.	Economic Conditions- Employment and Income	Business displacements and employment loss	Facilitate opportunities to promote hiring individuals from the local communities, for general employment and for project construction, such as job fairs.  Conduct at least two job fairs in each segment during the construction phase.	Pre-construction/during construction
27.	Economic Conditions- Employment and Income	Huynh Vietnamese Restaurant	TxDOT has offered the opportunity for advance acquisition of property; owner has not responded.	
28.	Economic Conditions- Employment and Income	Kim Son Restaurant/Downtown	TxDOT has offered the opportunity for advance acquisition of property; owner has not responded.	
29.	Economic Conditions- Employment and Income	Yen Huong Bakery	TxDOT has offered the opportunity for advance acquisition of property; owner has not responded.	

<sup>\*</sup>Some of these items will be subject to changes and updates as project development and coordination continues. The most updated version of the project mitigation and commitments will be found in the Record of Decision.

<sup>\*\*</sup>The owner of North Houston Birth Center plans to relocate a new location in the Independence Heights neighborhood in November 2020.

Table A-3: Other Beneficial Commitments

	Category	Action	Commitments*	Timing/phase of construction
1.	Transportation- Hike and Bike Trails	Accommodate future bike trails	Coordinate with the City of Houston to accommodate space for future bike trails as shown on the City of Houston Bike Plan.	Final design
2.	Transportation- Hike and Bike Trails	Improve pedestrian access from Independence Heights neighborhood to Roosevelt Elementary School	Include a sidewalk within the right-of-way on the south side of Stokes Street to accommodate a trail connection.	Final design
3.	Transportation- Hike and Bike Trails	Improve greenspace along Little White Oak Bayou with connecting trails to Woodland Park and Moody Park	Provide an opening at Little White Oak Bayou for a trail to connect Woodland Park and Moody Park.	Final design
4.	Transportation- Hike and Bike Trails	Accommodate future trails along Little White Oak Bayou	TxDOT will propose an opening conducive to bicycle/pedestrian crossings at Little White Oak Bayou under I-45 just north of Patton St. TxDOT will propose an opening conducive to bicycle/pedestrian crossings at Little White Oak Bayou under I-610. The size of the openings will be coordinated with Harris County Flood Control District (HCFCD), taking into account upstream and downstream impacts. TxDOT will continue to work with HCFCD on these elements during detailed design.	Final design
5.	Transportation- Hike and Bike Trails	Aesthetic improvements along bicycle and pedestrian pathways	Provide aesthetic improvements along Heights Bike Trail between Taylor Street and Main Street. Coordinate with City of Houston to determine improvements.	Final design/during construction
6.	Transportation- Bus Services	Allow for expanded bus service in the I-45 corridor	Include four MaX lanes on I-45 (two lanes in each direction) that would provide the opportunity for METRO to expand bus service in the corridor.	Final design
7.	Transportation- Bus Services	Allow for improved bus service in the I-45 corridor	Add two-way METRO T-ramp north of the Shepherd Drive and Veteran's Memorial Drive intersection that would connect directly to the Shepherd Park & Ride facility.	Final design
8.	Transportation - Accessibility	Improve east-west access across I-45	Add overpass at the I-45 and Blue Bell Road intersection to allow for connectivity of Blue Bell Road under I-45.	During construction
9.	Transportation - Accessibility	Reduce cut-through traffic in Independence Heights neighborhood	Remove the METRO HOV T-ramp between Crosstimbers Street and the HB&T railroad tracks. Replace the METRO HOV T-ramp with northbound and southbound MaX lanes direct connectors to I-610.	During construction
10.	Transportation - Accessibility	Reduce truck traffic in Near Northside residential areas	Acquire Love's Truck Stop property for storm water detention area.	During property acquisition
11.	Transportation - Accessibility	Maintain connectivity between Near Northside and Central Business District and reduce at-grade railroads railroad crossings	Reconstruct Rothwell Street and Providence Street as grade-separated underpasses at the railroad tracks between McKee Street and Jensen Drive.	During construction
12.	Transportation - Accessibility	Accommodate the City of Houston's future plan for the extension of San Jacinto Street	Coordinate with the City of Houston so that the NHHIP allows for the future extension of San Jacinto Street to the north.	Final design
13.	Transportation - Accessibility	Improve local connectivity in Midtown	Maintain Chenevert Street as a one-way southbound street between Stuart Street and Holman Street. Maintain local street connectivity at Francis Street.	Final design
14.	Transportation – Accessibility	Connect the Polk Street bike trail to the Columbia Tap Rail-Trail	Reroute dedicated bike lanes on Polk Street to follow the proposed Hamilton Street and connect to the Columbia Tap Rail-Trail via Walker Street. Reserve 20-foot wide footprint for rerouted Polk Street bike lane.	Final design/during construction
15.	Transportation - Accessibility	Improve bike/pedestrian access between Fourth Ward and Downtown	Depress the Downtown connectors on the west side of Downtown from West Dallas Street to south of Andrews Street.  Add at-grade crossings over the proposed depressed direct connectors at Andrews Street for bike/pedestrian access from the Fourth Ward to Downtown.	During construction
16.	Transportation - Accessibility	Maintain Bus/HOV lane connection to Downtown	Add dedicated bus/HOV lane to the I-10 express lanes with direct access to Smith Street and Louisiana Street to replace the existing Downtown HOV connector to Heiner from I-10.	Final design
17.	Transportation - Accessibility	Improve highway signage	Supplement existing southbound guide signs for the Quitman Street/Lyons Avenue exit (Exit 133A).	Final design/during construction
18.	Transportation - Accessibility	Improve highway signage	Improve approach signing and driver communication heading northbound on US 59/I-69 in the area approaching the exit to Spur 527.	During construction
19.	Transportation - Accessibility	Improved access and connectivity between Midtown and Museum Park	Construct at-grade highway caps at three bridged areas to support pedestrian activity in the area. Bridged area will include wider sidewalks and bicycle lanes.	During construction
20.	Visual and Aesthetics	Aesthetic improvements along highways	Replace Montrose Street bridge LED lighting.	During construction
21.	Visual and Aesthetics	Aesthetic improvements along highways	Coordinate with Greater Northside Management District to incorporate Texas Logo and Directional Sign Program for the Quitman Street/Lyons Avenue exit and south of Quitman Street on the I-69 southbound frontage road.	Final design/during construction
22.	Visual and Aesthetics	Aesthetic improvements along highways	Conduct the design of bridges over Sam Houston Park and Buffalo Bayou as a collaboration between the management districts or neighborhood groups and TxDOT.	Final design

	Category	Action	Commitments*	Timing/phase of construction
23.	Community Impacts - Environmental Justice	Monitoring/Reporting	For a minimum of five years during construction, fund ambient air monitoring near the right-of-way at one location in Segment 2 and one location in Segment 3.	During construction
24.	Air Quality	Dust Control Measures	The potential impacts of PM emissions will be minimized by using fugitive dust control measures contained in standard specifications.	During construction
25.	Relocations and Displacements	Group/Program Informational Workshops	Conduct workshops with residential property owners and renters who would be displaced to provide information:  - Explaining the acquisition process - Explaining the relocation process - Explaining the appraisal process - Title Information and review of documents - Property tax & exemption impacts - Moving and move planning - First Time Homebuyer seminars - Escrow process and title clearing - How to get social services and benefits - How to select a real estate agent - How to check your credit and improve your score - Household budgeting - Household maintenance	During property acquisition

<sup>\*</sup>Some of these items will be subject to changes and updates as project development and coordination continues. The most updated version of the project mitigation and commitments will be found in the Record of Decision.