

City of Houston, Texas, Ordinance No. 2008- 419

AN ORDINANCE APPROVING A FOURTH AMENDED PROJECT PLAN AND REINVESTMENT ZONE FINANCING PLAN FOR REINVESTMENT ZONE NUMBER SEVEN, CITY OF HOUSTON, TEXAS (OLD SPANISH TRAIL/ALMEDA CORRIDORS ZONE); DETERMINING THE PORTION OF TAX INCREMENT THE CITY WILL PAY FROM THE AREA ANNEXED INTO THE ZONE; AUTHORIZING THE CITY SECRETARY TO DISTRIBUTE SUCH PLANS; CONTAINING VARIOUS PROVISIONS RELATED TO THE FOREGOING SUBJECT; AND DECLARING AN EMERGENCY.

WHEREAS, by City Ordinance No. 97-478, the City Council of the City of Houston (the "City") created Reinvestment Zone Number Seven, City of Houston, Texas (the "Zone") pursuant to Chapter 311 of the Texas Tax Code, as amended (the "Code"), for the purposes of development in the area of the City generally referred to as the Old Spanish Trail/Almeda Corridors area; and

WHEREAS, the Board of Directors of the Zone adopted and the City approved, by City Ordinance No. 97-539, the Project Plan and Reinvestment Zone Financing Plan for the Zone;

WHEREAS, the Board of Directors of the Zone adopted and the City Council approved amendments to the Project Plan and Reinvestment Zone Financing Plan as follows:

- (1) An Amended Project Plan and Reinvestment Zone Financing Plan by City Ordinance No. 98-1146;
- (2) A Second Amended Project Plan and Reinvestment Zone Financing Plan by City Ordinance No. 1999-829; and
- (3) A Third Amended Project Plan and Reinvestment Zone Financing Plan by City Ordinance No. 2006-1110 (as amended, the "Plans"); and

WHEREAS, Section 311.011 of the Code authorizes the Board of Directors of the Zone to adopt an amendment to its project plan, and such amendment takes effect upon approval of the City Council of the City; and

WHEREAS, the Board of Directors of the Zone, at its April 7, 2008, board meeting, considered and adopted a Fourth Amended Project Plan and Reinvestment Zone Financing Plan (the "Fourth Amendment"), and requested City Council approval of the Fourth Amendment; and

WHEREAS, the Board of Directors of the Zone, at its January 29, 2008 board meeting, approved the annexation of an additional area into the Zone (the "Second Annexed Area") and has requested City Council approval of the annexation; and

WHEREAS, the Second Amendment includes projects for the Second Annexed Area as well as for the original Zone as enlarged by Ordinance No. 98-1145; and

WHEREAS, before the Board of Directors of the Zone may implement the Fourth Amendment, the City Council must approve the Fourth Amendment; and

WHEREAS, a public hearing on the Fourth Amendment is required to be held by the provisions of Section 311.011 of the Code; and

WHEREAS, the City Council finds that notice of the public hearing was published in a newspaper of general circulation within the City in the time and manner required by law; and

WHEREAS, the City Council conducted a public hearing on the proposed Fourth Amendment on May 7, 2008; and

WHEREAS, at the public hearing, interested persons were allowed to speak for or against the proposed Fourth Amendment and the enlargement of the boundaries of the Zone; and

WHEREAS, evidence was received and presented at the public hearing in favor of the proposed Fourth Amendment and the enlargement of the boundaries of the Zone; and

WHEREAS, the City desires to establish its level of participation in the Second Annexed Area approved by the City pursuant to City Ordinance No. 2008-418¹; and

WHEREAS, the City desires to approve the Fourth Amendment; **NOW, THEREFORE,**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOUSTON, TEXAS:

Section 1. Findings. That the facts and recitations contained in the preamble of this Ordinance are hereby found and declared to be true and correct and are hereby adopted as part of this Ordinance.

Section 2. Approval of the Fourth Amendment. That the Plans are hereby amended by substituting the Amended Project Plan and Reinvestment Zone Finance Plan attached hereto as Exhibit "A" therefor. The Plans as so amended (the "Fourth Amendment") are hereby determined to be feasible and are approved. The appropriate officials of the City are authorized to take all steps reasonably necessary to implement the Fourth Amendment.

¹ Ordinance number of the ordinance enlarging the boundary of the zone to be inserted by the City Secretary.

Section 3. Approval of the City's Level of Participation in the Expanded Zone.

That the City will participate in the Second Annexed Area by contributing tax increment to the tax increment fund for the Zone from taxes levied and collected by the City at the rate and in the amount reflected in the Fourth Amendment, beginning January 1, 2008.

Section 4. Distribution to Taxing Units. That the City Secretary is directed to provide copies of the Fourth Amendment to each taxing unit levying ad valorem taxes in the Zone.

Section 5. Severability. That if any provision, section, subsection, sentence, clause or phrase of this Ordinance, or the application of same to any person or set of circumstances is for any reason held to be unconstitutional, void or invalid, the validity of the remaining provisions of this Ordinance shall not be affected thereby, it being the intent of the City Council in adopting this Ordinance that no portion hereof or provision or regulation contained herein shall become inoperative or fail by reason of any unconstitutionality, voidness or invalidity of any other portion hereof, and all provisions of this Ordinance are declared to be severable for that purpose.

Section 6. That City Council officially finds, determines, recites and declares a sufficient written notice of the date, hour, place and subject of this meeting of the City Council was posted at a place convenient and readily accessible at all times to the general public at the City Hall of the City for the time required by law preceding this meeting, as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended, and that this meeting has been open to the public as required by law at all times during which this Ordinance and the subject matter thereof has been discussed,

considered and formally acted upon. That City Council further ratifies, approves and confirms such written notice and the contents and posting thereof.

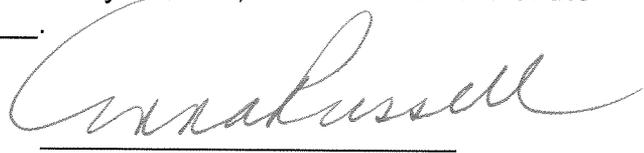
Section 7. That there exists a public emergency requiring that this Ordinance be passed finally on the date of its introduction as requested in writing by the Mayor; therefore, this Ordinance shall be passed finally on such date and shall take effect immediately upon its passage and approval by the Mayor; however, in the event that the Mayor fails to sign this Ordinance within five days after its passage and adoption, it shall take effect in accordance with Article VI, Section 6, Houston City Charter.

PASSED AND ADOPTED this 14th day of May, 2008.

APPROVED this _____ day of _____, 2008.

Mayor of the City of Houston

Pursuant to Article VI, Section 6, Houston City Charter, the effective date of the foregoing Ordinance is MAY 20 2008.



City Secretary

(Prepared by Legal Dept. DEBORAH F. ALDRIDGE)
(DFM/dfm May 13, 2008) Senior Assistant City Attorney)
(Requested by Michelle Mitchell, Director, Department of Finance)
(L.D. File No. 0610800032002)

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CAPTION PUBLISHED IN DAILY COURT

REVIEW

DATE:

MAY 20 2008

AYE	NO	
✓		MAYOR WHITE
••••	••••	COUNCIL MEMBERS
✓		LAWRENCE
✓		JOHNSON
✓		CLUTTERBUCK
✓		ADAMS
✓		SULLIVAN
✓		KHAN
✓		HOLM
✓		GARCIA
✓		RODRIGUEZ
✓		BROWN
✓		LOVELL
✓		NORIEGA
✓		GREEN
✓		JONES
CAPTION	ADOPTED	

EXHIBIT "A"

**TAX INCREMENT REINVESTMENT ZONE NUMBER SEVEN
CITY OF HOUSTON**

OST/ALMEDA CORRIDORS ZONE

**Fourth Amended
Project Plan and Reinvestment Zone Financing Plan**

March 1, 2008

REINVESTMENT ZONE NUMBER SEVEN, CITY OF HOUSTON, TEXAS
 OST/ALMEDA CORRIDORS ZONE
 Fourth Amended Project Plan and Reinvestment Zone Financing Plan

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Attachments:

- Map 1 – Map of Existing Land Uses in the Zone
- Map 2 - Map of Proposed Land Uses in the Zone

Exhibits

- Exhibit 1 Parts A, B, C, D and E Plan Project Costs
- Exhibit 2 Part E Plan Revenue Schedule: Table 1 - Original and Annexed All Entities
- Exhibit 3 Part E Plan Revenue Schedule: Table 1 - Original Area/City of Houston
- Exhibit 4 Part E Plan Revenue Schedule: Table 1 - Annexed Area/City of Houston
- Exhibit 12 Part E Plan Revenue Schedule: Table 1 - Original Area/Harris County
- Exhibit 13 Part E Plan Revenue Schedule: Table 1 - Annexed Area/Harris County
- Exhibit 14 Part E Plan Revenue Schedule: Table 1 - Original Area/HISD
- Exhibit 15 Part E Plan Revenue Schedule: Table 1 - Annexed Area/HISD

Appendix

Infrastructure Assessment Study Old Spanish Trail/Almeda Corridors

TAX INCREMENT REINVESTMENT ZONE NUMBER SEVEN
OST/ALMEDA CORRIDORS REDEVELOPMENT AUTHORITY
FOURTH AMENDED PROJECT PLAN AND REINVESTMENT ZONE FINANCING PLAN

AMENDED February 18, 2008

Introduction:

The purpose of the Project Plan and Reinvestment Zone Financing Plan (collectively, the Parts A, B, C, D, and E Plans are the "Plans") for Reinvestment Zone Number Seven, City of Houston, Texas, the OST/Almeda Corridors Zone (herein referred to as the "TIRZ") is to set forth goals, expectations and redevelopment plans and programs necessary to create and support an environment attractive to private investment along the Almeda, Old Spanish Trail and Griggs corridors, and the Upper Third Ward area. The intent of the Plan is to ensure that the improvements will result in the long-term stability and viability of the area.

The City created the TIRZ on May 7, 1997 as an area covering 656 acres located primarily along and adjacent to Almeda Road and Old Spanish Trail in southeast Houston. The City adopted the Plan for the area on May 14, 1997 (the "Part A Plan"). On October 26, 1998, the TIRZ recommended that the City approve an annexation. The enlarged TIRZ area squared-off the Almeda corridor northern sector, and included several areas for which property owners requested annexation, including several tracts located west of Almeda Road in the Ewing and Binz St. area, and an area of the Almeda corridor south of OST, generally bounded by OST, Almeda Road, Corder St., and Hwy 288. The expansion area resulted in a total Zone area of 1,215 acres. On December 9, 1998, the City approved the Amended Project Plan and Reinvestment Zone Financing Plan for the Zone (the "Part B Plan"). On August 11, 1999, the City approved the Second Amended Project Plan and Reinvestment Zone Financing Plan; necessitated by changes in Texas law specific to school district participation in TIRZ's (the "Part C Plan"). On November 8, 2006, by Ordinance 2006-1110, the City approved the Third Amended Project Plan and Reinvestment Zone Financing Plan, which consisted predominately of a reallocation of funds within the approved Part C Plan and the addition of new project categories, including park improvements (the "Part D Plan").

The TIRZ and the City now desire to further amend the TIRZ Project Plan and Financing Plan as further described herein, (the "Part E Plan").

Section One:

The Part A Plan: The Part A Plan covered a total of 656 acres. The primary focus of the Part A Plan was to facilitate the construction of new single family and multi-family housing and associated retail and commercial development. The intent was to compensate for the continued loss of existing housing stock in the greater Third Ward/Almeda/OST areas. Focus was also placed on either the repositioning of existing or construction of new industrial or warehouse development within the Almeda and Old Spanish Trail Corridors. The methodology defined in the Part A Plan, consisted primarily of roadway and street reconstruction, including associated public utilities, street lighting, and sidewalk construction. Additional efforts consisted of

emphasis on the creation of pedestrian environments, environmental remediation and real property acquisition.

The Part B Plan: The Part B Plan sought to build upon the goals previously defined in the Part A Plan and expanded the TIRZ boundaries from 656 acres to approximately 1,215 acres. The Part B Plan further defined TIRZ functions specific to assisting in the development of commercial, industrial, and residential development. Additionally, criteria were defined that provided for improvements within the footprints of Griggs Road and Martin Luther King Boulevard and included the proposed improvements as recommended in the Houston Small Business Development Corporation (HSBDC) 1995 Master Plan. For example, the City of Houston's Palm Center (HSBDC) facility located at the intersection of Griggs Road and MLK was viewed as a catalyst project for that area that would stimulate growth and assist in revitalizing the community. The Part B Plan sought to implement the redefined goals while remaining consistent with the Part A Plan through continued focus on roadway and street reconstruction, associated public utility replacement and system upgrades, street lighting, and the development of pedestrian environments through the construction of sidewalks, street lighting, landscaping, street furniture, and other pedestrian amenities and the acquisition of real property.

The Part C Plan: The Part C Plan both restated and further defined the fundamental goals and objectives identified in the Part A and Part B Plans. However, the primary intent of the Part C Plan was to incorporate changes in the HISD participation in the TIRZ.

The Part D Plan: The Part D Plan reallocated funds between existing public works and public improvement project costs categories and a new category for parks and park improvements. The Parts A, B, and C Plans had no provision for park and park improvements. Additionally, funding increases for other project costs, administrative expenses, and operational costs were included, resulting in an overall increase in project costs value of \$5.75 million.

Section Two:

The Part E Plan: The Part E Plan includes provisions for a second TIRZ expansion. The geographic area covered by the Part E Plan includes the areas covered by Parts A, B, C and D Plan in addition to the 2008 expanded TIRZ. Together, Parts A, B, C and D Plans, combined with the Part E Plan, provide the tools needed to help alleviate blight, deteriorated street and site conditions, obsolete public services and facilities and will encourage the sound growth of residential (multi-family and affordable housing), retail, and commercial development within the area.

Overview:

The Part E Plan Zone Expansion: The TIRZ has made significant strides to reverse deterioration and spur economic revitalization within the boundaries of the TIRZ. This is evident by the completion of current and on-going development of multiple commercial/retail and multi-family residential developments. For example, Phase I of the Mosaic at Hermann Park was completed in December 2007; the project is expected to have an estimated value of \$210 million. In addition, multiple commercial/retail developments have been constructed on Almeda, OST, and Griggs corridors. Much remains to be accomplished, however. The expanded TIRZ will provide

the financing and management tools necessary for alleviating blight within the area, and encourage the sound growth of residential, commercial and complementary retail development within the Zone.

Description of the Part E Expansion Area: The proposed expanded area include portions of the Upper Third Ward, the proposed METRO Southeast and University alignments contiguous to the upper Third Ward, Texas Southern University (TSU), and the University of Houston (U of H). The area is roughly bounded by I-45 on the north and east, Almeda Road and US 59 on the west, and the existing TIRZ area on the south. In addition, the expansion also includes the public right-of-way along Brays Bayou between Almeda Road and MacGregor Park. Generally speaking, the area is immediately south of Downtown Houston, east of Texas Medical Center and adjacent to the TSU and U of H campuses. Despite this adjacency to these major activity centers, the area still remains largely underdeveloped, characterized by zones that include a substantial number of substandard, slum and deteriorated structures, predominance of defective and inadequate sidewalk and street layouts, faulty lot layout in relation to size, adequacy, accessibility, or usefulness, unsanitary and unsafe conditions, deteriorated site improvements, tax and special assessment delinquency exceeding fair market value of land, conditions that endanger life and property by fire or other causes, a predominance of open and, because of platting, deteriorated structures, site improvements, and other factors that substantially impair and arrest sound growth of the City of Houston and Harris County. The total acreage of the expansion is 497 acres

Existing Uses and Current Site Conditions: The expansion area contains 10 new corridors totaling approximately 16 linear miles of roadways. Generally, land uses within the expansion area vary greatly, although vacant lots, tax-exempt properties, and single family residential predominate. The remainder of the area is comprised of a combination of industrial and commercial uses, multi-family residential tracts, and utility and railroad easements. Conditions along the expansion corridors also vary. Some of the corridors are more vibrant than others. However, all corridors present opportunities for commercial and retail revitalization. Much of the remaining commercial and industrial building stock located in the annexation area is vacant and/or in a deteriorated condition. Of the remaining active commercial developments, most are in need of repositioning. Public infrastructure within the corridors is either aged, in poor condition, or undersized. Most streets have none to minimal sidewalks, and it is common to see people walking in the streets. Some major thoroughfares, for example Dowling Street, have historical significance with many historically significant properties remaining on Dowling.

Metropolitan Transit Authority Initiatives: Currently, the Metropolitan Transit Authority (METRO) is initiating the "Phase 2 Metro Solutions Program". As part of this program, METRO proposes to build two mass transit alignments within an area that has been included in the TIRZ expansion area. This METRO program, when executed, will have a significant impact on economic development within the TIRZ. Stations within and adjacent to the TIRZ expansion area will have the potential to stimulate transit-oriented development. According to the Southeast Corridor Final Environmental Impact Statement, the Elgin station would likely result in "redevelopment of vacant parcels and intensification of land uses." A primary goal of the Part E Plan is to maximize the positive economic impacts of the METRO initiatives.

The Part E Plan Initiatives: The Part E Plan will remedy recent and historic negative trends within the Upper Third Ward area by creating a viable and attractive environment for new investment and redevelopment. Improvements have been identified that will enhance the community by attracting new businesses and residents to the area. The proposed Part E Plan projects include upgrades and improvements to public utility systems, public roadways and thoroughfares, Brays Bayou bridges and trail systems, parks, provisions for public art, lighting, landscaping, environmental remediation, and business development and loss mitigation initiatives. The goals of the TIRZ are to create a new urban neighborhood while respecting the historic character of the area; create gateways between the Third Ward and adjacent districts through the development of connections with other neighborhoods and activity centers; produce a product unique to the Third Ward; and enhance the sense of civic pride for area residents.

The improvements proposed are in relationship to the original goals of the TIRZ and are as follows:

Goal 1: *The creation of pedestrian-friendly, safe environments through the reconstruction of streets and sidewalks, with ample lighting and streetscape amenities.*

Streetscape enhancements are required to create an environment that will help stimulate investment in retail, residential, and commercial developments. Enhanced streetscapes components will include: sidewalks, lighting, signage, street trees, landscaping, benches and other pedestrian amenities. The reconstruction of key streets and major thoroughfares will enhance the level of service in the area. The construction of sidewalk systems including ADA complaint ramps and other treatments will improve pedestrian safety, enhance the visual environment and provide connectivity both within the community and to adjacent districts. All improvements will be coordinated with the street reconstruction programs of the City of Houston, METRO, TxDOT, and other public entities. Attention will be placed on the leveraging of TIRZ monies through the funding of elements not addressed by the CIP programs of sister agencies.

Goal 2: *Redevelopment and upgrades to public green space, parks, and other appropriate recreational facilities including Emancipation Park, Brays Bayou, and MacGregor Park.*

Public infrastructure, pedestrian bridges, regional trail systems and other enhancements to area parks and other public open green space will attract and support redevelopment and improve the quality of life of area neighborhoods and visitors by increasing the attractiveness of the area.

Goal 3: *The reinforcement of pedestrian-attractive retail developments along the Almeda, Dowling, Griggs, Old Spanish Trail, Martin Luther King and Scott corridors.*

The retention and expansion of retail and commercial developments along Almeda, Dowling, Griggs, Old Spanish Trail, Martin Luther King and Scott Streets is of key importance to the successful redevelopment of the area. The provision of base level retail functionality is essential to the continued expansion of residential projects in the area. In particular, it is envisioned to develop historic Dowling Street into a key arterial/town center, through the implementation of a program resulting in an enhanced pedestrian environment with an emphasis on parking, lighting, street trees, landscaping, wide sidewalks, public art and adequate pedestrian amenities.

Goal 4: Complementing the revitalization activities proposed to occur along the METRO University and Southeast Mass Transit Alignments.

METRO funding of public transit systems along the University and Southeast alignments can be complemented by TIRZ activities including the funding of streetscapes upgrades, right-of-way acquisition, and provisions for parking to serve retail needs, particularly during the construction process. The METRO Solutions Southeast Corridor alignment includes a proposed station on Martin Luther King Boulevard at Old Spanish Trail. A station at this location could spur redevelopment while benefiting existing businesses. The METRO Solutions Southeast Corridor alignment also includes proposed station locations on Scott Street north of Elgin Street and Scott Street north of Cleburne Avenue. According to the Southeast Corridor Final Environmental Impact Statement, the Elgin Station would likely result in “*redevelopment of vacant parcels and intensification of land uses.*” The placement of METRO transit stations in the region will be of particular importance, economically speaking, both from the consumer’s and the merchant’s perspectives. The present development schedule calls for a \$15 million facility with construction to begin in early 2008, with completion in 2009. The TIRZ will look for specific, key economic retail development opportunities and capitalize on METRO’s revitalization of key corridors included in the TIRZ. Additional focus will be placed on inducing emerging business enterprises.

Goal 5: *Cultural, Public Facilities, Affordable Housing and Historic Preservation.*

Increasing public and cultural facilities, historic preservation programs and affordable housing for current Third Ward residents as well as the universities, Downtown and medical center workforce have emerged as important public policy goals since the date of the Part D Plan. TIRZ funds will be leveraged with private, public, and non-profit developers to integrate affordable housing and historic preservation initiatives into ongoing and proposed redevelopment projects within the TIRZ, with emphasis on the upper Third Ward area. As such, the acquisition and rehabilitation of historic structures and historic landmarks for the purposes of preservation and restoration is anticipated. These projects, collectively with improved infrastructure, may include but not limited to fire, police, library, public health facilities, and cultural/community centers, will lead to improved security and enhance the quality of life for existing and new residents and businesses.

Goal 6: *Economic Development.*

In cases where improving public infrastructure alone is insufficient or inadequate to stimulating private investment and economic development, the TIRZ would seek to fund an economic development program that would directly incentivize private enterprise that affects the TIRZ and serve as a catalyst for other business developments. Examples of how the program would be used include funding for business development and retention, business loss mitigation in cases where large public construction projects disrupt access to and operation of businesses, economic development grants to catalyze investments, and matching grants to provide leverage for other economic development funds, such as state enterprise projects, state economic development bank funds and new market tax credit allocations. An appropriate economic development program would be created by the TIRZ and subject to City approval.

OTHER PROJECT PLAN PROVISIONS

Project Plan:

Existing and Proposed Uses of Land Within the Zone: Map 1 reflects the existing land uses within the original and annexed areas of the TIRZ. Map 2 reflects the proposed uses of property and proposed projects within the original and annexed areas.

Estimated Non-Project Cost Items: It is estimated that the Greater Southeast Management District will generate approximately \$1.2 million in annual revenues, a portion of which will be expended within the TIRZ to fund public safety programs, graffiti abatement, beautification, landscape maintenance, and illegal dumping cleanup programs.

Proposed Changes of Zoning Ordinances, Master Plan of Municipality, Building Codes, and other Municipal Ordinances: All construction will be done in conformance with existing rules and regulations of the City of Houston. There are no proposed changes of any city ordinance, master plan, or building codes.

Statement of Method of Relocating Persons to be Displaced as a Result of Implementing the Plan: It is not anticipated that residents will be displaced by any of the projects to be undertaken by the TIRZ.

Financing Plan:

Estimated Project Costs: Exhibit 1 is a detailed listing of the estimated project costs including administrative and educational project costs. Part E contains the categories of Infrastructure and Public Utility Improvements, and adds the categories of Brays Bayou – Harris County Flood Control District Projects, Public Facility Improvements, Economic Development, and Affordable Housing. Exhibit 1 lists costs for Parts A, B, C and D, as those projects remain part of the overall Plan.

Economic Feasibility: Exhibits 2 thru 21 are updated revenue estimates for both the original and annexed areas. These estimates detail the total appraised value, the captured appraised value and the net revenue from each taxing entity participating in the TIRZ over the remaining life of the TIRZ.

Bonded Indebtedness/Methods of Financing: Bonds have been issued by the TIRZ. Additional bond issues are anticipated. The value and timing of these future bond issues will correlate to the debt capacity as derived from the revenue and project schedules attached herein, and by actual market conditions for the issue and sale of such bonds. The TIRZ will explore other financing methods, as well, including short-term notes, developer agreement financing and collaboration with other entities for grant funding and partnerships.

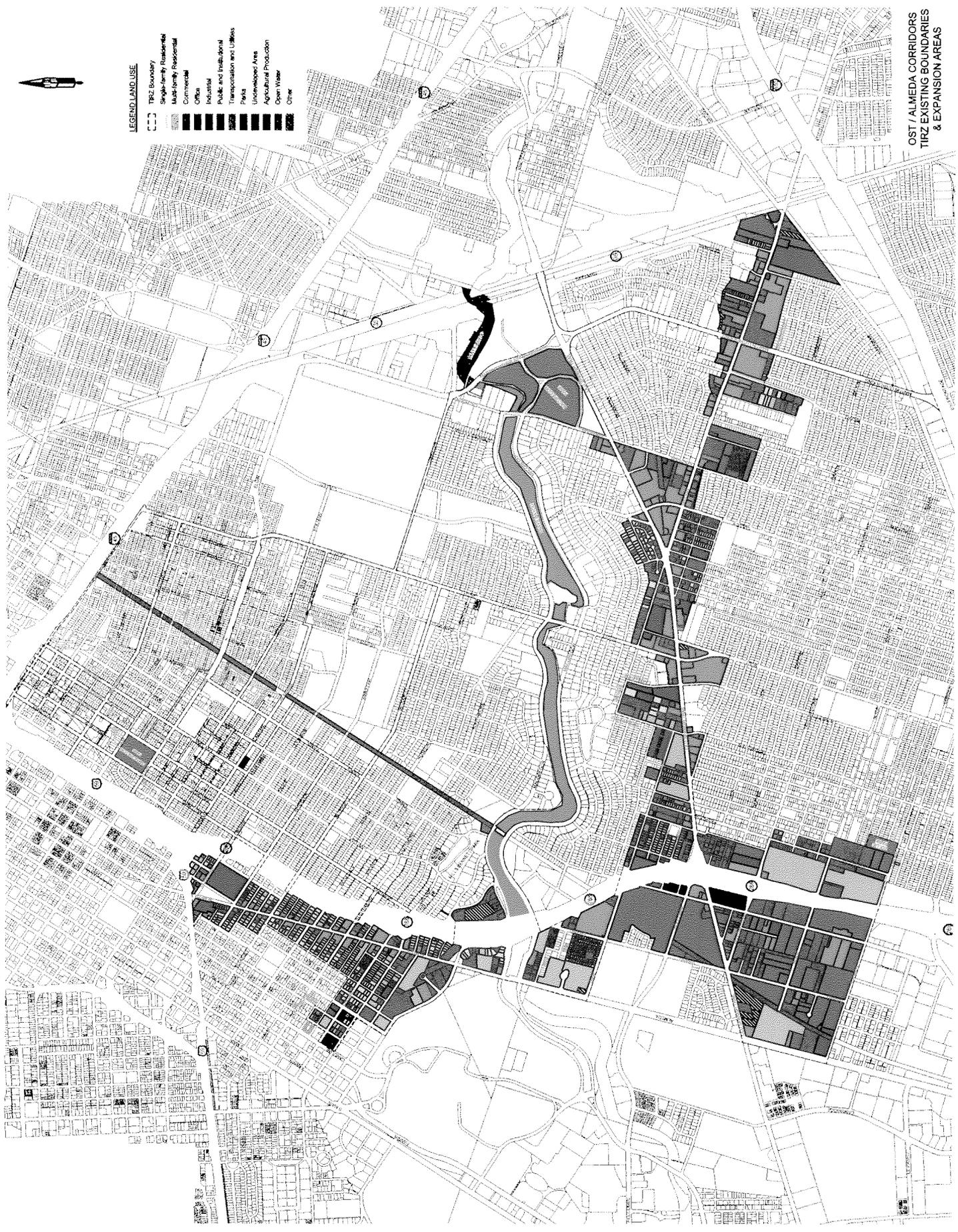
Reinvestment Zone Duration: When initially created by City Council on May 7, 1997, the term of the Zone was established at 30 years.

EXHIBITS



LEGEND LAND USE

- TIRZ Boundary
- Single-Family Residential
- Multi-Family Residential
- Commercial
- Office
- Industrial
- Public and Institutional
- Transportation and Utilities
- Parks
- Undeveloped Area
- Agricultural Production
- Open Water
- Other



OST / ALAMEDA CORRIDORS
TIRZ EXISTING BOUNDARIES
& EXPANSION AREAS



LEGEND LAND USE

- TIRZ Boundary
- PARK BOUNDARY
- BAYOU BOUNDARY

RECOMMENDED IMPROVEMENTS

- STREETS
- STORM WATER UTILITIES
- WASTE WATER UTILITIES
- WATER LINE UTILITIES



OST / ALAMEDA CORRIDORS TIRZ EXISTING BOUNDARIES & EXPANSION AREAS (PROPOSED UTILITY & STREET IMPROVEMENTS AND STREET ENHANCEMENTS)

Exhibit 1 – Parts A, B, C, D and E Project Costs

	Part A Plan	Part B Plan	Part C Plan	Part D Plan	Part E Plan	Delta
	Estimated Costs					
Infrastructure Improvements:						
Roadway and Sidewalk Improvements						
Street Reconstruction	\$ 7,055,000	\$ 8,823,150	\$ 6,431,040	\$ 6,147,489	\$ -	\$ (6,147,489)
Street Resurfacing	\$ 2,277,000	\$ 3,249,840	\$ 2,616,240	\$ 10,000	\$ -	\$ (10,000)
Installation of Sidewalks	\$ 358,500	\$ 569,400	\$ 569,400	\$ 866,345	\$ -	\$ (866,345)
Installation of Street Lights	\$ 196,500	\$ 246,500	\$ 242,500	\$ 390,400	\$ -	\$ (390,400)
Streetscape Improvements	\$ 905,250	\$ 1,198,250	\$ 2,275,000	\$ 5,181,313	\$ -	\$ (5,181,313)
Roadways, Streets, Sidewalks, Lighting, ROW Acquisition,	\$ -	\$ -	\$ -	\$ -	\$ 50,748,913	\$ 50,748,913
Total Roadway and Sidewalk Improvements - Part A, B, C, D & E	\$ 10,793,250	\$ 14,087,140	\$ 12,134,180	\$ 12,595,547	\$ 50,748,913	\$ 38,153,366
Public Utility Improvements:						
Water Lines	\$ 307,200	\$ 433,296	\$ 433,296	\$ 319,508	\$ -	\$ (319,508)
Wastewater Lines	\$ 498,000	\$ 789,360	\$ 789,360	\$ 1,398,015	\$ -	\$ (1,398,015)
Public Utilities	\$ -	\$ -	\$ -	\$ -	\$ 30,500,000	\$ 30,500,000
Total Public Utility Improvements - Part A, B, C, D & E	\$ 805,200	\$ 1,222,656	\$ 1,222,656	\$ 1,717,523	\$ 30,500,000	\$ 28,782,477
Total Infrastructure Improvements - Part A, B, C, D & E	\$ 11,598,450	\$ 15,309,796	\$ 13,356,836	\$ 14,313,070	\$ 81,248,913	\$ 66,935,843
Cultural and Public Facilities Improvements:						
Parks and Park Improvements						
Parks and Recreational Facilities	\$ -	\$ -	\$ -	\$ 3,596,763	\$ 10,000,000	\$ 6,403,237
Total Parks and Park Improvements - Part A, B, C, D & E	\$ -	\$ -	\$ -	\$ 3,596,763	\$ 10,000,000	\$ 6,403,237
Public Facility Improvements						
Public Facility Improvements	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000
Total Public Facility Improvements - Part A, B, C, D & E	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000
Total Cultural and Public Facility Improvements - Part A, B, C, D & E	\$ -	\$ -	\$ -	\$ 3,596,763	\$ 16,000,000	\$ 12,403,237
Other Project Costs:						
Braes Bayou - HCFCD Projects						
Braes Bayou HCFCD Improvements	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000	\$ 7,000,000
Braes Bayou Bridge Upgrades	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000
Total Braes Bayou HCFCD Projects - Part A, B, C, D & E	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000
Land Acquisition						
Land Assembly, Site Preparation, Environmental Remediation	\$ 1,500,000	\$ 3,000,000	\$ 5,000,000	\$ 5,000,000	\$ 9,500,000	\$ 4,500,000
Total Land Acquisition - Part A, B, C, D, & E	\$ 1,500,000	\$ 3,000,000	\$ 5,000,000	\$ 5,000,000	\$ 9,500,000	\$ 4,500,000
Economic Development Program						
Business Development & Loss Mitigation Catalyst Projects	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,000,000
Total Economic Development Program - Part A, B, C, D & E	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,000,000
School and Educational Facilities:						
School and Educational Facilities	\$ -	\$ -	\$ 26,260,451	\$ 26,260,451	\$ 26,260,451	\$ -
Total School and Educational Facilities - Part A, B, C, D & E	\$ -	\$ -	\$ 26,260,451	\$ 26,260,451	\$ 26,260,451	\$ -
Affordable Housing:						
Affordable Housing	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ 3,500,000
Total Affordable Housing - Part A, B, C, D & E	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ 3,500,000
Financing Cost:						
Financing Cost	\$ -	\$ -	\$ 8,924,294	\$ 8,924,294	\$ 8,924,294	\$ -
Total Financing Costs - Part A, B, C, D & E	\$ -	\$ -	\$ 8,924,294	\$ 8,924,294	\$ 8,924,294	\$ -
Zone Administration:						
Zone Administration and Creation Cost	\$ -	\$ -	\$ 1,550,000	\$ 2,706,948	\$ 6,958,035	\$ 4,251,087
Total Zone Administration Costs - Part A, B, C, D & E	\$ -	\$ -	\$ 1,550,000	\$ 2,706,948	\$ 6,958,035	\$ 4,251,087
Total Other Project Costs - Part A, B, C, D & E	\$ 1,500,000	\$ 3,000,000	\$ 41,734,745	\$ 42,891,693	\$ 70,142,780	\$ 27,251,087
PROJECT PLAN TOTAL	\$ 13,098,450	\$ 18,309,796	\$ 55,091,561	\$ 60,801,526	\$ 167,391,693	\$ 106,590,167

Exhibit 2 – Part E Plan Revenue Schedule: Table 1 – Original and Annexed Areas All Entities

TY	City Net Rev (Original Area)	City Net Rev (Annex Area)	County Net Rev (Original Area)	County Net Rev (Annex Area)	HISD ISD Net Rev (Original Area)	HISD ISD Net Rev (Annex Area)	Total Rev	Cummulative Revenue
2008	\$ 2,219,648	\$ 917,457	\$ 1,352,399	\$ 549,866	\$ 654,450	\$ 566,505	\$ 6,260,325	\$ 6,260,325
2009	\$ 2,329,552	\$ 974,887	\$ 1,419,413	\$ 584,532	\$ 427,967	\$ 377,670	\$ 6,114,021	\$ 12,374,346
2010	\$ 2,443,852	\$ 1,034,614	\$ 1,489,108	\$ 620,584	\$ 433,709	\$ 404,364	\$ 6,426,232	\$ 18,800,578
2011	\$ 2,562,725	\$ 1,096,730	\$ 1,561,590	\$ 658,078	\$ 433,709	\$ 404,364	\$ 6,717,197	\$ 25,517,775
2012	\$ 2,686,352	\$ 1,161,331	\$ 1,636,972	\$ 697,073	\$ 433,709	\$ 404,364	\$ 7,019,801	\$ 32,537,576
2013	\$ 2,814,924	\$ 1,228,516	\$ 1,715,369	\$ 737,626	\$ 433,709	\$ 404,364	\$ 7,334,509	\$ 39,872,084
2014	\$ 2,948,639	\$ 1,298,388	\$ 1,796,902	\$ 779,803	\$ 433,709	\$ 404,364	\$ 7,661,805	\$ 47,533,889
2015	\$ 3,087,703	\$ 1,371,055	\$ 1,881,696	\$ 823,666	\$ 433,709	\$ 404,364	\$ 8,002,193	\$ 55,536,082
2016	\$ 3,232,329	\$ 1,446,629	\$ 1,969,881	\$ 869,283	\$ 433,709	\$ 404,364	\$ 8,356,197	\$ 63,892,279
2017	\$ 3,382,741	\$ 1,525,226	\$ 2,061,595	\$ 916,726	\$ 433,709	\$ 404,364	\$ 8,724,360	\$ 72,616,639
2018	\$ 3,539,169	\$ 1,606,966	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 5,984,208	\$ 78,600,847
2019	\$ 3,701,854	\$ 1,691,977	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 6,231,903	\$ 84,832,751
2020	\$ 3,871,046	\$ 1,780,387	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 6,489,506	\$ 91,322,257
2021	\$ 4,047,006	\$ 1,872,334	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 6,757,414	\$ 98,079,671
2022	\$ 4,230,004	\$ 1,967,959	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 7,036,037	\$ 105,115,708
2023	\$ 4,420,323	\$ 2,067,409	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 7,325,805	\$ 112,441,513
2024	\$ 4,618,254	\$ 2,170,837	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 7,627,164	\$ 120,068,677
2025	\$ 4,824,102	\$ 2,278,402	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 7,940,578	\$ 128,009,255
2026	\$ 5,038,184	\$ 2,390,270	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 8,266,528	\$ 136,275,783
2027	\$ 5,260,830	\$ 2,506,612	\$ -	\$ -	\$ 433,709	\$ 404,364	\$ 8,605,516	\$ 144,881,299

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

Exhibit 3 – Part E Plan Revenue Schedule: Table 1 – Original Area/City of Houston

TY	Base	Assessed Value	Current CAV	City Tax Rate	City TIRZ Collections at 97%	COH Admin	Net Rev	Cummulative Revenue
2008	\$ 89,520,330	\$ 465,884,939	\$ 376,364,609	0.640	\$ 2,336,471	\$ 116,824	\$ 2,219,648	\$ 2,219,648
2009	\$ 89,520,330	\$ 484,520,337	\$ 395,000,007	0.640	\$ 2,452,160	\$ 122,608	\$ 2,329,552	\$ 4,549,200
2010	\$ 89,520,330	\$ 503,901,150	\$ 414,380,820	0.640	\$ 2,572,476	\$ 128,624	\$ 2,443,852	\$ 6,993,052
2011	\$ 89,520,330	\$ 524,057,196	\$ 434,536,866	0.640	\$ 2,697,605	\$ 134,880	\$ 2,562,725	\$ 9,555,777
2012	\$ 89,520,330	\$ 545,019,484	\$ 455,499,154	0.640	\$ 2,827,739	\$ 141,387	\$ 2,686,352	\$ 12,242,129
2013	\$ 89,520,330	\$ 566,820,263	\$ 477,299,933	0.640	\$ 2,963,078	\$ 148,154	\$ 2,814,924	\$ 15,057,053
2014	\$ 89,520,330	\$ 589,493,074	\$ 499,972,744	0.640	\$ 3,103,831	\$ 155,192	\$ 2,948,639	\$ 18,005,692
2015	\$ 89,520,330	\$ 613,072,797	\$ 523,552,467	0.640	\$ 3,250,214	\$ 162,511	\$ 3,087,703	\$ 21,093,395
2016	\$ 89,520,330	\$ 637,595,709	\$ 548,075,379	0.640	\$ 3,402,452	\$ 170,123	\$ 3,232,329	\$ 24,325,724
2017	\$ 89,520,330	\$ 663,099,537	\$ 573,579,207	0.640	\$ 3,560,780	\$ 178,039	\$ 3,382,741	\$ 27,708,465
2018	\$ 89,520,330	\$ 689,623,518	\$ 600,103,188	0.640	\$ 3,725,441	\$ 186,272	\$ 3,539,169	\$ 31,247,634
2019	\$ 89,520,330	\$ 717,208,459	\$ 627,688,129	0.640	\$ 3,896,688	\$ 194,834	\$ 3,701,854	\$ 34,949,487
2020	\$ 89,520,330	\$ 745,896,797	\$ 656,376,467	0.640	\$ 4,074,785	\$ 203,739	\$ 3,871,046	\$ 38,820,533
2021	\$ 89,520,330	\$ 775,732,669	\$ 686,212,339	0.640	\$ 4,260,006	\$ 213,000	\$ 4,047,006	\$ 42,867,539
2022	\$ 89,520,330	\$ 806,761,976	\$ 717,241,646	0.640	\$ 4,452,636	\$ 222,632	\$ 4,230,004	\$ 47,097,543
2023	\$ 89,520,330	\$ 839,032,455	\$ 749,512,125	0.640	\$ 4,652,971	\$ 232,649	\$ 4,420,323	\$ 51,517,866
2024	\$ 89,520,330	\$ 872,593,753	\$ 783,073,423	0.640	\$ 4,861,320	\$ 243,066	\$ 4,618,254	\$ 56,136,120
2025	\$ 89,520,330	\$ 907,497,504	\$ 817,977,174	0.640	\$ 5,078,002	\$ 253,900	\$ 4,824,102	\$ 60,960,222
2026	\$ 89,520,330	\$ 943,797,404	\$ 854,277,074	0.640	\$ 5,303,352	\$ 265,168	\$ 5,038,184	\$ 65,998,406
2027	\$ 89,520,330	\$ 981,549,300	\$ 892,028,970	0.640	\$ 5,537,716	\$ 276,886	\$ 5,260,830	\$ 71,259,237

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

Exhibit 4 – Part E Plan Revenue Schedule: Table 1 – Annexed Area/City of Houston

TY	Base	Assessed Value	Current CAV	City Tax Rate	City TIRZ Collections at 97%	COH Admin	Net Rev	Cummulative Revenue
2008	\$ 87,881,410	\$ 243,445,915	\$ 155,564,505	0.640	\$ 965,744	\$ 48,287	\$ 917,457	\$ 917,457
2009	\$ 87,881,410	\$ 253,183,752	\$ 165,302,342	0.640	\$ 1,026,197	\$ 51,310	\$ 974,887	\$ 1,892,344
2010	\$ 87,881,410	\$ 263,311,102	\$ 175,429,692	0.640	\$ 1,089,068	\$ 54,453	\$ 1,034,614	\$ 2,926,958
2011	\$ 87,881,410	\$ 273,843,546	\$ 185,962,136	0.640	\$ 1,154,453	\$ 57,723	\$ 1,096,730	\$ 4,023,689
2012	\$ 87,881,410	\$ 284,797,288	\$ 196,915,878	0.640	\$ 1,222,454	\$ 61,123	\$ 1,161,331	\$ 5,185,020
2013	\$ 87,881,410	\$ 296,189,179	\$ 208,307,769	0.640	\$ 1,293,175	\$ 64,659	\$ 1,228,516	\$ 6,413,536
2014	\$ 87,881,410	\$ 308,036,746	\$ 220,155,336	0.640	\$ 1,366,724	\$ 68,336	\$ 1,298,388	\$ 7,711,924
2015	\$ 87,881,410	\$ 320,358,216	\$ 232,476,806	0.640	\$ 1,443,216	\$ 72,161	\$ 1,371,055	\$ 9,082,979
2016	\$ 87,881,410	\$ 333,172,545	\$ 245,291,135	0.640	\$ 1,522,767	\$ 76,138	\$ 1,446,629	\$ 10,529,608
2017	\$ 87,881,410	\$ 346,499,447	\$ 258,618,037	0.640	\$ 1,605,501	\$ 80,275	\$ 1,525,226	\$ 12,054,834
2018	\$ 87,881,410	\$ 360,359,424	\$ 272,478,014	0.640	\$ 1,691,544	\$ 84,577	\$ 1,606,966	\$ 13,661,800
2019	\$ 87,881,410	\$ 374,773,801	\$ 286,892,391	0.640	\$ 1,781,028	\$ 89,051	\$ 1,691,977	\$ 15,353,777
2020	\$ 87,881,410	\$ 389,764,753	\$ 301,883,343	0.640	\$ 1,874,092	\$ 93,705	\$ 1,780,387	\$ 17,134,164
2021	\$ 87,881,410	\$ 405,355,344	\$ 317,473,934	0.640	\$ 1,970,878	\$ 98,544	\$ 1,872,334	\$ 19,006,498
2022	\$ 87,881,410	\$ 421,569,557	\$ 333,688,147	0.640	\$ 2,071,536	\$ 103,577	\$ 1,967,959	\$ 20,974,457
2023	\$ 87,881,410	\$ 438,432,340	\$ 350,550,930	0.640	\$ 2,176,220	\$ 108,811	\$ 2,067,409	\$ 23,041,867
2024	\$ 87,881,410	\$ 455,969,633	\$ 368,088,223	0.640	\$ 2,285,092	\$ 114,255	\$ 2,170,837	\$ 25,212,704
2025	\$ 87,881,410	\$ 474,208,418	\$ 386,327,008	0.640	\$ 2,398,318	\$ 119,916	\$ 2,278,402	\$ 27,491,106
2026	\$ 87,881,410	\$ 493,176,755	\$ 405,295,345	0.640	\$ 2,516,074	\$ 125,804	\$ 2,390,270	\$ 29,881,376
2027	\$ 87,881,410	\$ 512,903,825	\$ 425,022,415	0.640	\$ 2,638,539	\$ 131,927	\$ 2,506,612	\$ 32,387,988

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

Exhibit 5 – Part E Plan Revenue Schedule: Table 1 – Original Area/Harris County

TY	Base	Assessed Value	Current CAV	County Tax Rate	County TIRZ Collections at 97%	COH Admin	Net Rev	Cummulative Revenue
2008	89,314,630	\$ 463,331,936	\$ 374,017,306	0.39239	\$ 1,423,578	\$ 71,179	\$ 1,352,399	\$ 1,352,399
2009	89,314,630	\$ 481,865,213	\$ 392,550,583	0.39239	\$ 1,494,119	\$ 74,706	\$ 1,419,413	\$ 2,771,813
2010	89,314,630	\$ 501,139,822	\$ 411,825,192	0.39239	\$ 1,567,482	\$ 78,374	\$ 1,489,108	\$ 4,260,921
2011	89,314,630	\$ 521,185,415	\$ 431,870,785	0.39239	\$ 1,643,779	\$ 82,189	\$ 1,561,590	\$ 5,822,511
2012	89,314,630	\$ 542,032,831	\$ 452,718,201	0.39239	\$ 1,723,128	\$ 86,156	\$ 1,636,972	\$ 7,459,483
2013	89,314,630	\$ 563,714,145	\$ 474,399,515	0.39239	\$ 1,805,651	\$ 90,283	\$ 1,715,369	\$ 9,174,852
2014	89,314,630	\$ 586,262,710	\$ 496,948,080	0.39239	\$ 1,891,475	\$ 94,574	\$ 1,796,902	\$ 10,971,753
2015	89,314,630	\$ 609,713,219	\$ 520,398,589	0.39239	\$ 1,980,732	\$ 99,037	\$ 1,881,696	\$ 12,853,449
2016	89,314,630	\$ 634,101,748	\$ 544,787,118	0.39239	\$ 2,073,559	\$ 103,678	\$ 1,969,881	\$ 14,823,330
2017	89,314,630	\$ 659,465,818	\$ 570,151,188	0.39239	\$ 2,170,100	\$ 108,505	\$ 2,061,595	\$ 16,884,925
2018	89,314,630	\$ 685,844,450	\$ 596,529,820	0.39239	-	-	-	-
2019	89,314,630	\$ 713,278,228	\$ 623,963,598	0.39239	-	-	-	-
2020	89,314,630	\$ 741,809,357	\$ 652,494,727	0.39239	-	-	-	-
2021	89,314,630	\$ 771,481,732	\$ 682,167,102	0.39239	-	-	-	-
2022	89,314,630	\$ 802,341,001	\$ 713,026,371	0.39239	-	-	-	-
2023	89,314,630	\$ 834,434,641	\$ 745,120,011	0.39239	-	-	-	-
2024	89,314,630	\$ 867,812,027	\$ 778,497,397	0.39239	-	-	-	-
2025	89,314,630	\$ 902,524,508	\$ 813,209,878	0.39239	-	-	-	-
2026	89,314,630	\$ 938,625,488	\$ 849,310,858	0.39239	-	-	-	-
2027	89,314,630	\$ 976,170,508	\$ 886,855,878	0.39239	-	-	-	-

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

Exhibit 6 -- Part E Plan Revenue Schedule: Table 1 -- Annex Area -- Harris County

TY	Base	Assessed Value	Current CAV	County Tax Rate	County TIRZ Collections at 97%	COH Admin	Net Rev	Cummulative Revenue
2008	\$ 87,606,990	\$ 239,677,002	\$ 152,070,012	0.39239	\$ 578,806	\$ 28,940	\$ 549,866	\$ 549,866
2009	\$ 87,606,990	\$ 249,264,082	\$ 161,657,092	0.39239	\$ 615,296	\$ 30,765	\$ 584,532	\$ 1,134,398
2010	\$ 87,606,990	\$ 259,234,645	\$ 171,627,655	0.39239	\$ 653,246	\$ 32,662	\$ 620,584	\$ 1,754,982
2011	\$ 87,606,990	\$ 269,604,031	\$ 181,997,041	0.39239	\$ 692,714	\$ 34,636	\$ 658,078	\$ 2,413,060
2012	\$ 87,606,990	\$ 280,388,192	\$ 192,781,202	0.39239	\$ 733,761	\$ 36,688	\$ 697,073	\$ 3,110,132
2013	\$ 87,606,990	\$ 291,603,720	\$ 203,996,730	0.39239	\$ 776,449	\$ 38,822	\$ 737,626	\$ 3,847,759
2014	\$ 87,606,990	\$ 303,267,869	\$ 215,660,879	0.39239	\$ 820,845	\$ 41,042	\$ 779,803	\$ 4,627,561
2015	\$ 87,606,990	\$ 315,398,584	\$ 227,791,594	0.39239	\$ 867,016	\$ 43,351	\$ 823,666	\$ 5,451,227
2016	\$ 87,606,990	\$ 328,014,527	\$ 240,407,537	0.39239	\$ 915,035	\$ 45,752	\$ 869,283	\$ 6,320,510
2017	\$ 87,606,990	\$ 341,135,108	\$ 253,528,118	0.39239	\$ 964,974	\$ 48,249	\$ 916,726	\$ 7,237,236
2018	\$ 87,606,990	\$ 354,780,512	\$ 267,173,522	0.39239	-	-	-	-
2019	\$ 87,606,990	\$ 368,971,733	\$ 281,364,743	0.39239	-	-	-	-
2020	\$ 87,606,990	\$ 383,730,602	\$ 296,123,612	0.39239	-	-	-	-
2021	\$ 87,606,990	\$ 399,079,826	\$ 311,472,836	0.39239	-	-	-	-
2022	\$ 87,606,990	\$ 415,043,019	\$ 327,436,029	0.39239	-	-	-	-
2023	\$ 87,606,990	\$ 431,644,740	\$ 344,037,750	0.39239	-	-	-	-
2024	\$ 87,606,990	\$ 448,910,530	\$ 361,303,540	0.39239	-	-	-	-
2025	\$ 87,606,990	\$ 466,866,951	\$ 379,259,961	0.39239	-	-	-	-
2026	\$ 87,606,990	\$ 485,541,629	\$ 397,934,639	0.39239	-	-	-	-
2027	\$ 87,606,990	\$ 504,963,294	\$ 417,356,304	0.39239	-	-	-	-

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

Exhibit 7 – Part E Plan Revenue Schedule: Table 1 – Original Area/HISD

TY	Base	Assessed Value	Current CAV	1998 Plan CAV	HISD Tax Rate	HISD TIRZ Collections at 97%	COH Admin Fee	Net Rev	Cumulative Revenue
2008	\$ 88,239,610	\$ 375,831,901	\$ 287,592,291	\$ 72,965,000	0.96	\$ 679,450	\$ 25,000	\$ 654,450	\$ 654,450
2009	\$ 88,239,610	\$ 390,865,177	\$ 302,625,567	\$ 72,965,000	0.64	\$ 452,967	\$ 25,000	\$ 427,967	\$ 1,082,417
2010	\$ 88,239,610	\$ 406,499,784	\$ 318,260,174	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 1,516,126
2011	\$ 88,239,610	\$ 422,759,775	\$ 334,520,165	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 1,949,835
2012	\$ 88,239,610	\$ 439,670,167	\$ 351,430,557	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 2,383,544
2013	\$ 88,239,610	\$ 457,256,973	\$ 369,017,363	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 2,817,253
2014	\$ 88,239,610	\$ 475,547,252	\$ 387,307,642	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 3,250,962
2015	\$ 88,239,610	\$ 494,569,142	\$ 406,329,532	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 3,684,672
2016	\$ 88,239,610	\$ 514,351,908	\$ 426,112,298	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 4,118,381
2017	\$ 88,239,610	\$ 534,925,984	\$ 446,686,374	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 4,552,090
2018	\$ 88,239,610	\$ 556,323,024	\$ 468,083,414	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 4,985,799
2019	\$ 88,239,610	\$ 578,575,944	\$ 490,336,334	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 5,419,508
2020	\$ 88,239,610	\$ 601,718,982	\$ 513,479,372	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 5,853,217
2021	\$ 88,239,610	\$ 625,787,742	\$ 537,548,132	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 6,286,926
2022	\$ 88,239,610	\$ 650,819,251	\$ 562,579,641	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 6,720,635
2023	\$ 88,239,610	\$ 676,852,021	\$ 588,612,411	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 7,154,344
2024	\$ 88,239,610	\$ 703,926,102	\$ 615,686,492	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 7,588,054
2025	\$ 88,239,610	\$ 732,083,146	\$ 643,843,536	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 8,021,763
2026	\$ 88,239,610	\$ 761,366,472	\$ 673,126,862	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 8,455,472
2027	\$ 88,239,610	\$ 791,821,131	\$ 703,581,521	\$ 73,890,000	0.64	\$ 458,709	\$ 25,000	\$ 433,709	\$ 8,889,181

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

Exhibit 8 – Part E Plan Revenue Schedule: Table 1 – Annexed Area/HISD

TY	Base	Assessed Value	Current CAV	1998 Plan CAV	HISD Tax Rate	HISD TIRZ Collections at 97%	Net Rev	Cumulative Revenue
2008	\$ 87,995,210	\$ 242,713,279	\$ 154,718,069	\$ 60,836,000	0.96	\$ 566,505	\$ 566,505	\$ 566,505
2009	\$ 87,995,210	\$ 252,421,810	\$ 164,426,600	\$ 60,836,000	0.64	\$ 377,670	\$ 377,670	\$ 944,175
2010	\$ 87,995,210	\$ 262,518,683	\$ 174,523,473	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 1,348,539
2011	\$ 87,995,210	\$ 273,019,430	\$ 185,024,220	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 1,752,903
2012	\$ 87,995,210	\$ 283,940,207	\$ 195,944,997	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 2,157,268
2013	\$ 87,995,210	\$ 295,297,815	\$ 207,302,605	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 2,561,632
2014	\$ 87,995,210	\$ 307,109,728	\$ 219,114,518	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 2,965,996
2015	\$ 87,995,210	\$ 319,394,117	\$ 231,398,907	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 3,370,360
2016	\$ 87,995,210	\$ 332,169,882	\$ 244,174,672	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 3,774,725
2017	\$ 87,995,210	\$ 345,456,677	\$ 257,461,467	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 4,179,089
2018	\$ 87,995,210	\$ 359,274,944	\$ 271,279,734	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 4,583,453
2019	\$ 87,995,210	\$ 373,645,942	\$ 285,650,732	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 4,987,818
2020	\$ 87,995,210	\$ 388,591,780	\$ 300,596,570	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 5,392,182
2021	\$ 87,995,210	\$ 404,135,451	\$ 316,140,241	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 5,796,546
2022	\$ 87,995,210	\$ 420,300,869	\$ 332,305,659	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 6,200,910
2023	\$ 87,995,210	\$ 437,112,904	\$ 349,117,694	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 6,605,275
2024	\$ 87,995,210	\$ 454,597,420	\$ 366,602,210	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 7,009,639
2025	\$ 87,995,210	\$ 472,781,316	\$ 384,786,106	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 7,414,003
2026	\$ 87,995,210	\$ 491,692,569	\$ 403,697,359	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 7,818,368
2027	\$ 87,995,210	\$ 511,360,272	\$ 423,365,062	\$ 65,136,000	0.64	\$ 404,364	\$ 404,364	\$ 8,222,732

Notes:

1. Certified Tax Year 2007 Values were used as Tax Year 2008 Estimates.
2. Assumes Annual Growth Rate of 4%.

APPENDIX

FIELD RECONNAISSANCE, RECORD VERIFICATION AND CIP
REPORT

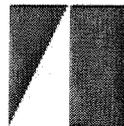
INFRASTRUCTURE ASSESSMENT STUDY

Old Spanish Trail / Almeda Corridors Redevelopment Authority
HOUSTON, TEXAS

TIRZ#7



PREPARED BY:



PTI, INCORPORATED
ENGINEERS, ARCHITECTS, PLANNERS

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For



April 4, 2007

**FIELD RECONNAISSANCE, RECORD VERIFICATION AND CIP
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I. Executive Summary

a) Introduction

PTI, Inc's responsibilities on the Infrastructure Assessment Study included field reconnaissance and record verification of existing 32 streets under study with its associated drainage, water and sanitary sewer. Responsibilities also included the City of Houston (COH) capital Improvement Plan (CIP) on the streets under study. The project area is within existing TIRZ # 7 boundary and proposed study limits outside existing TIRZ # 7 boundary. The project area is within the Key Maps 493, 494, 533 and 534.

b) Field Reconnaissance

Field investigation of the existing 32 streets under study was conducted and obtained data documented as shown in Section VII. Appendix A. The obtained data formed the basis for recommended improvement and future development that will be required on TIRZ # 7 infrastructure. The recorded data included all salient features on the existing condition

c) Existing Condition Records

Existing condition records on floodplain, drainage outfalls, proposed water lines, COH water well facilities, wastewater plants, wastewater lift stations, sanitary sewer rehabilitations and area traffic counts were searched and recorded as shown in section VII, Appendices B through H.

d) COH and TIRZ # 7 CIP

City of Houston CIP's for year 2007 to 2011 for street and traffic control; storm drainage system, water utility system facilities, wastewater system facilities and tax increment reinvestment zones were reviewed. Review documented the projects within the existing TIRZ # 7 boundary and proposed study limits outside existing TIRZ # 7 boundary. The data is shown in Section V of the Report.



PTI, INC.

e) **Recommended Improvements**

Based on the field reconnaissance data, existing condition records and COH / TIRZ # 7 CIP, a list of 19 streets were recommended for improvements. The recommendations with the reasons are documented as shown in section VI of this Report.

f) **Cost Estimate**

The estimated cost of recommended improvements is detailed and shown in Section VII, Appendix I. This is a budget level cost estimate prepared in accordance with the guidelines of the American Association of Cost Engineers (AACE) and City of Houston recent bid tabulations. The estimated budget for the recommended improvement on 19 streets is approximately \$ 64,326,310. This budget level does not include landscape.



II. Introduction

The work of this project consists of field reconnaissance, record verification and capital improvement plan (CIP) information on the 32 streets as shown on Table II-1. The records verification included information on lift stations, wastewater treatment plants, water lines, storm sewers, sanitary sewers, floodplain, drainage outfalls and water well facilities. Information on CIP for projects on the existing TIRZ # 7 boundary and proposed study limits outside existing TIRZ # 7 were researched and documented. The documented CIP for street and traffic control projects, wastewater treatment projects, water system projects, storm drainage system projects and TIRZ # 7 projects is shown on Section V.

Information was obtained from extensive hydraulic modeling of sanitary sewer in Sims Bayou Service Area. The report is termed Sims Bayou Collection System Master Plan. The work was completed by Greater Houston Wastewater Program (GHWP) for which PTI, Inc. was a sub consultant. The study area included the existing TIRZ # 7 boundary and proposed study limits outside existing TIRZ # 7.

PTI, Inc. searched for all existing data including those under studies to assure that the background information available form the basic foundation to any future plan on the infrastructure development. These data will be used for analysis that will present the future infrastructure need along the 32 streets within the existing TIRZ # 7 boundary and proposed study limits outside existing TIRZ # 7. TIRZ # 7 boundary is part of City of Houston wide network of infrastructure systems that serve the City of Houston.

The wastewater flow from TIRZ # 7 area is collected through various sewer sizes and conveyed to Sims Bayou South WWTP with bypass option to Sims Bayou North WWTP as shown in Exhibit C. The wastewater from TIRZ # 7 ultimately ends up at Sims Bayou WWTP. The Drainage from TIRZ # 7 area is accomplished through the outfalls located along Brays Bayou and within existing TIRZ # 7 boundary and proposed study limits outside existing TIRZ # 7. The water supply to TIRZ # 7 is part of the City of Houston water system network supplied by various water plants and tied together within certain loop system that sustains the required pressure and distributed to various end users.



Table II-1
Street Names and Limits

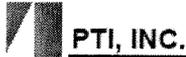
Number	Street Name	From	To
1	Alabama	Scott	S.H. 288
2	Alice	Grand	Ardmore
3	Almeda	U.S. 59	Corder
4	Ardmore	Corder	Dixie
5	Beekman	Martin L. King	Griggs
6	Blodgett	Dowling	Scott
7	Bowling Green	Raleigh	Dixie
8	Calhoun	Griggs	MLK
9	Cleburne	Chartress	Dowling
10	Corder	Almeda	Admore
11	Cullen	Wheeler	Dixie
12	Dixie	Almeda	Tierwester
13	Dowling	S.H. 288	I-45
14	Elgin	U.S. 59	Scott
15	Grand	Corder	OST
16	Griggs	Wayside	Mykawa
17	Holcombe	Grand	OST
18	Holman	U.S. 59	Cullen
19	Kelton	Allegheny	Bowling Green
20	Kilgore	Allegheny	Bowling Green
21	Liveoak	Southmore	Riverside
22	Martin L. King	Wheeler	I.H. 810
23	McGowen	U.S. 59	Scott
24	Natchez	Allegheny	Bowling Green
25	Old Spanish Trail	Almeda	S.H. 35
26	Raleigh	Bowling Green	OST
27	Riverside	Live Oak	S.H. 288
28	Scott	Zephyr	I-45
29	Southmore	Chenvert	S.H. 288
30	Wayside	I.H. 810	Griggs
31	Wheeler	Calhoun	Scott
32	Yellowstone	OST	Allegheny

VI. RECOMMENDED IMPROVEMENTS

The following streets are recommended for improvement due to the existing condition of the streets obtained from the field reconnaissance.

RECOMMENDED IMPROVEMENTS

Streets	Section	Recommendation	Reasons for Recommendation
Alabama	US 59 to Scott	Replace sidewalk and ramps.	Sidewalk is fair with differential settlement. The roadway is considered an important collector and needs to be improved.
Alice	Grand To Admore	Reconstruct the street with curb and gutter including drainage. Provide Sidewalk.	The asphalt pavement is in poor condition and needs to be replaced. No sidewalk exists on this street. Drainage is by open ditch.
Alameda	Dixie to S. MacGregor	Reconstruct the street with concrete pavement and provide storm sewer.	The existing asphalt pavement is in poor condition and without curbs.
Ardmore	Corder to SH 288	Reconstruct the street with concrete pavement, provide storm sewer and 8" water main.	Sidewalk and ramp is in poor condition. The curb condition is poor or not existing.
Beekman	MLK to Griggs	Reconstruct the street and replace storm sewer smaller than 24" sewer	The street is in poor condition with visible indication of drainage problems.
Blodgett	Dowling to Delano	Replace sidewalk.	Sidewalk and ramps are in poor condition.
Cleburne	288 to Dowling	Reconstruct street with curb and gutter. Replace sidewalk.	The roadway is considered a major TIRZ # 7 corridor
Dixie	Alameda to Tierwester	Reconstruct the street with concrete pavement curb and gutter and replace sidewalk. Provide storm sewers leads.	Visible cracks and differential settlement, combination of ditch and curb.
Dowling	I-45 To 288	Reconstruct the street with 4 lanes concrete pavement and replace storm sewers with new sizes.	Sidewalk in poor condition and a major TIRZ # 7 designated thoroughfare.



Streets	Section	Recommendation	Reasons for Recommendation
Elgin	US 59 to Scott	Reconstruct the street and sidewalk	Street and sidewalk in fair condition and the section is a major TIRZ # 7 designated thoroughfare.
Grand	Corder to OST	Reconstruct the street with curb and gutter. Provide storm sewer and sidewalk.	Poor drainage with standing water on the shoulders and on the ditch
Griggs	Wayside to Mykawa	Replace sidewalk	Sidewalk is in poor condition.
Holman	US 59 to Scott	Reconstruct street with curb and replace sidewalk	The roadway is a major TIRZ # 7 designated thoroughfare.
Kelton	Allegheny to Bowling Green	Reconstruct the street with curb/gutter, storm sewer. Provide sidewalk.	Street in poor condition and stagnant water in front of many driveways. Presence of inadequate drainage
MLK	Wheeler to 810	Reconstruct the street with curb and gutter, upgrade the storm sewers and replace sidewalk	Sidewalk and pavement in poor condition. The section is a major TIRZ # 7 designated thoroughfare.
Natchez	Allegheny to Bowling Green	Replace curb and gutter and provide adequate drainage. Provide sidewalk	Pavement is fair but curb/gutter in poor condition. There is no existing sidewalk.
Scott	I-45 to Tristan	Reconstruct the street with curb and provide sidewalk	Pavement condition is poor and the section is a major TIRZ # 7 designated thoroughfare.
Wayside	Griggs to 810	Reconstruct the street with curb. Provide sidewalk	Pavement is fair with poor ramp conditions. Section is a major TIRZ # 7 designated thoroughfare.
Wheeler	Calhoun to Scott	Reconstruct the street with curb	A major TIRZ # 7 designated thoroughfare



RECOMMENDED IMPROVEMENT COST ESTIMATE SUMMARY

Item No.	Street Name	Section Limits		Total In Figures
		From	To	
1	Alabama	US 59	Scott	\$4,581,250.70
2	Alice	Grand	Ardmore	\$733,470.40
3	Almeda	Dixie	S. MacGregor	\$1,698,762.00
4	Ardmore	Corder	SH 288	\$4,782,547.25
5	Beekman St.	MLK	Griggs	\$2,684,240.00
6	Blodgett St.	Dowling	Delano	\$303,160.00
9	Cleburne	SH 288	Dowling	\$1,105,620.75
12	Dixie Dr.	Almeda	Tierwester	\$3,309,917.00
13	Dowling St.	I-45	SH 288	\$5,935,963.48
14	Elgin	US 59	Scott	\$4,865,541.20
15	Grand	Corder	OST	\$2,623,673.00
16	Griggs	Wayside	Mykawa	\$106,600.00
18	Holman	US 59	Scott	\$4,373,738.20
19	Kelton St.	Allegheny	Bowling Green	\$489,485.10
22	Martin Luther King Blvd	Wheeler	I-610	\$10,677,301.70
24	Natchez St.	Allegheny	Bowling Green	\$480,473.50
28	Scott St.	I-45	Tristan	\$9,978,061.17
30	South Wayside Dr.	Griggs	I-610	\$1,277,037.96
31	Wheeler St.	Calhoun	Scott	\$4,319,466.67

Total

\$64,326,310.06



1. Alabama (US 59 to Scott)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	74		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	20	\$4,000.00	\$80,000.00
3	Erosion control (Per Block & Intersection)	LS	20	\$5,000.00	\$100,000.00
4	Pavement Markers (Per Block & Intersection)	LS	20	\$500.00	\$10,000.00
5	Street Signage (at Intersections)	LS	20	\$600.00	\$12,000.00
6	Traffic Control (Per Block & Intersection)	LS	0	\$5,000.00	\$0.00
7	Traffic Signal Installation / Modification	LS		\$75,000.00	\$0.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$202,000.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	45,515	\$48.00	\$2,184,720.00
11	6" Curb	LF	12,594	\$5.50	\$69,267.00
12	Driveway Replacement (6" Concrete)	SY	4,096	\$52.00	\$212,992.00
13	4-1/2 Sidewalks (4' Wide)	SF	50,376	\$5.00	\$251,880.00
14	Wheelchair Ramp	EA	80	\$500.00	\$40,000.00
Subtotal					\$2,758,859.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	45,515	\$4.00	\$182,060.00
16	Remove & Dispose Concrete Curb & Gutter	LF	1,860	\$2.00	\$3,720.00
17	Remove & Dispose Concrete Sidewalk	SY	5,600	\$4.00	\$22,400.00
Subtotal					\$208,180.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	0	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Lead 24"	LF	1,500	\$120.00	\$180,000.00
22	Remove and Replace Inlet, All Types	EA	50	\$2,000.00	\$100,000.00
23	Remove And Replace Manholes	EA	25	\$3,000.00	\$75,000.00
Subtotal					\$355,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	0.15	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$3,524,039.00
Contingency (15%)					\$528,605.85
Engineering (15%)					\$528,605.85
Total Project Cost					\$4,581,250.70



2. Alice (Grand to Admore)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	14	\$4,000.00	\$56,000.00
3	Erosion control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
4	Pavement Markers (Per Block & Intersection)	LS	2	\$500.00	\$1,000.00
5	Street Signage (at Intersections)	LS	2	\$600.00	\$1,200.00
6	Traffic Control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$78,200.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	4,050	\$48.00	\$194,400.00
11	6" Curb	LF	2,500	\$5.50	\$13,750.00
12	Driveway Replacement (6" Concrete)	SY	324	\$52.00	\$16,848.00
13	4-1/2 Sidewalks (4' Wide)	SF	9,082	\$5.00	\$45,410.00
14	Wheelchair Ramp	EA	4	\$500.00	\$2,000.00
Subtotal					\$272,408.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	4,050	\$4.00	\$16,200.00
16	Remove & Dispose Concrete Curb & Gutter	LF	0	\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	0	\$4.00	\$0.00
Subtotal					\$16,200.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	1,470	\$120.00	\$176,400.00
22	Remove and Replace Inlet, All Types	EA	6	\$2,000.00	\$12,000.00
23	Remove And Replace Manholes	EA	3	\$3,000.00	\$9,000.00
Subtotal					\$197,400.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$564,208.00
Contingency (15%)					\$84,631.20
Engineering (15%)					\$84,631.20
Total Project Cost					\$733,470.40

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



3. Alameda (Dixie to Camden)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	18	\$4,000.00	\$72,000.00
3	Erosion control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
4	Pavement Markers (Per Block & Intersection)	LS	2	\$500.00	\$1,000.00
5	Street Signage (at Intersections)	LS	2	\$600.00	\$1,200.00
6	Traffic Control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$94,200.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	10,000	\$48.00	\$480,000.00
11	6" Curb	LF	3,400	\$5.50	\$18,700.00
12	Driveway Replacement (6" Concrete)	SY	900	\$52.00	\$46,800.00
13	4-1/2 Sidewalks (4' Wide)	SF	10,880	\$5.00	\$54,400.00
14	Wheelchair Ramp	EA	4	\$500.00	\$2,000.00
Subtotal					\$601,900.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	0	\$4.00	\$0.00
16	Remove & Dispose Concrete Curb & Gutter	LF	3,400	\$2.00	\$6,800.00
17	Remove & Dispose Concrete Sidewalk	SY	1,210	\$4.00	\$4,840.00
Subtotal					\$11,640.00
Water					
18	12-inch PVC Main	LF	1,800	\$105.00	\$189,000.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	4	\$3,500.00	\$14,000.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$189,000.00	\$47,250.00
Subtotal					\$250,250.00
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	720	\$120.00	\$86,400.00
22	Remove and Replace Inlet, All Types	EA	12	\$2,000.00	\$24,000.00
23	Remove And Replace Manholes	EA	7	\$3,000.00	\$21,000.00
Subtotal					\$131,400.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 10-inch	LF	1,800.00	\$105.00	\$189,000.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$189,000.00	\$28,350.00
Subtotal					\$217,350.00
TOTAL					\$1,306,740.00
Contingency (15%)					\$196,011.00
Engineering (15%)					\$196,011.00
Total Project Cost					\$1,698,762.00

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



4. Ardmore (Corder to SH 288)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	59	\$4,000.00	\$236,000.00
3	Erosion control (Per Block & Intersection)	LS	8	\$5,000.00	\$40,000.00
4	Pavement Markers (Per Block & Intersection)	LS	8	\$500.00	\$4,000.00
5	Street Signage (at Intersections)	LS	8	\$600.00	\$4,800.00
6	Traffic Control (Per Block & Intersection)	LS	8	\$5,000.00	\$40,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF			\$0.00
Subtotal					\$324,800.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	26,230	\$48.00	\$1,259,040.00
11	6" Curb	LF	10,475	\$5.50	\$57,612.50
12	Driveway Replacement (6" Concrete)	SY	2,360	\$52.00	\$122,720.00
13	4-1/2 Sidewalks (4' Wide)	SF	41,890	\$5.00	\$209,450.00
14	Wheelchair Ramp	EA	32	\$500.00	\$16,000.00
Subtotal					\$1,664,822.50
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	26,320	\$4.00	\$105,280.00
16	Remove & Dispose Concrete Curb & Gutter	LF	10,475	\$2.00	\$20,950.00
17	Remove & Dispose Concrete Sidewalk	SY	2,320	\$4.00	\$9,280.00
5900					\$135,510.00
12					
18	12-inch PVC Main	LF	5,900	\$90.00	\$531,000.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	12	\$3,500.00	\$42,000.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$531,000.00	\$132,750.00
Subtotal					\$705,750.00
Storm Water					
21	RCP Storm Sewer. 24" Leads	LF	5,900	\$120.00	\$708,000.00
22	Remove and Replace Inlet, All Types	EA	40	\$2,000.00	\$80,000.00
23	Remove And Replace Manholes	EA	20	\$3,000.00	\$60,000.00
Subtotal					\$848,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$3,678,882.50
Contingency (15%)					\$551,832.38
Engineering (15%)					\$551,832.38
Total Project Cost					\$4,782,547.25

Assumptions:

Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PV

5. Beekman (MLK to Griggs)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	45	\$4,000.00	\$180,000.00
3	Erosion control (Per Block & Intersection)	LS	12	\$5,000.00	\$60,000.00
4	Pavement Markers (Per Block & Intersection)	LS	12	\$500.00	\$6,000.00
5	Street Signage (at Intersections)	LS	12	\$600.00	\$7,200.00
6	Traffic Control (Per Block & Intersection)	LS	12	\$5,000.00	\$60,000.00
7	Traffic Signal Installation / Modification	LS	1	\$75,000.00	\$75,000.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$388,200.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	13,500	\$48.00	\$648,000.00
11	6" Curb	LF	8,280	\$5.50	\$45,540.00
12	Driveway Replacement (6" Concrete)	SY	1,215	\$52.00	\$63,180.00
13	4-1/2 Sidewalks (4' Wide)	SF	33,120	\$5.00	\$165,600.00
14	Wheelchair Ramp	EA	48	\$500.00	\$24,000.00
Subtotal					\$946,320.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	13,500	\$4.00	\$54,000.00
16	Remove & Dispose Concrete Curb & Gutter	LF	8,280	\$2.00	\$16,560.00
17	Remove & Dispose Concrete Sidewalk	SY	3,680	\$4.00	\$14,720.00
Subtotal					\$85,280.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	4,500	\$120.00	\$540,000.00
22	Remove and Replace Inlet, All Types	EA	30	\$2,000.00	\$60,000.00
23	Remove And Replace Manholes	EA	15	\$3,000.00	\$45,000.00
Subtotal					\$645,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$2,064,800.00
Contingency (15%)					\$309,720.00
Engineering (15%)					\$309,720.00
Total Project Cost					\$2,684,240.00

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



6. Blodgett (SH 288 to Scott)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	0	\$4,000.00	\$0.00
3	Erosion control (Per Block & Intersection)	LS	0	\$5,000.00	\$0.00
4	Pavement Markers (Per Block & Intersection)	LS	0	\$500.00	\$0.00
5	Street Signage (at Intersections)	LS	0	\$600.00	\$0.00
6	Traffic Control (Per Block & Intersection)	LS	0	\$5,000.00	\$0.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF			\$0.00
Subtotal					\$0.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	0	\$48.00	\$0.00
11	6" Curb	LF	0	\$5.50	\$0.00
12	Driveway Replacement (6" Concrete)	SY	0	\$52.00	\$0.00
13	4-1/2 Sidewalks (4' Wide)	SF	24,800	\$5.00	\$124,000.00
14	Wheelchair Ramp	EA	20	\$500.00	\$10,000.00
Subtotal					\$134,000.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	0	\$4.00	\$0.00
16	Remove & Dispose Concrete Curb & Gutter	LF	0	\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	24,800	\$4.00	\$99,200.00
Subtotal					\$99,200.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. 24" Leads	LF		\$120.00	\$0.00
22	Remove and Replace Inlet, All Types	EA		\$2,000.00	\$0.00
23	Remove And Replace Manholes	EA	15%	\$0.00	\$0.00
Subtotal					\$0.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$233,200.00
Contingency (15%)					\$34,980.00
Engineering (15%)					\$34,980.00
Total Project Cost					\$303,160.00

Assumptions:

Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PV



9. Cleburne (SH 288 to Dowling)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	15	\$4,000.00	\$60,000.00
3	Erosion control (Per Block & Intersection)	LS	4	\$5,000.00	\$20,000.00
4	Pavement Markers (Per Block & Intersection)	LS	4	\$500.00	\$2,000.00
5	Street Signage (at Intersections)	LS	4	\$600.00	\$2,400.00
6	Traffic Control (Per Block & Intersection)	LS	4	\$5,000.00	\$20,000.00
7	Traffic Signal Installation / Modification	LS	1	\$75,000.00	\$75,000.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF			\$0.00
Subtotal					\$179,400.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	6,670	\$48.00	\$320,160.00
11	6" Curb	LF	2,665	\$5.50	\$14,657.50
12	Driveway Replacement (6" Concrete)	SY	600	\$52.00	\$31,200.00
13	4-1/2 Sidewalks (4' Wide)	SF	5,330	\$5.00	\$26,650.00
14	Wheelchair Ramp	EA	16	\$500.00	\$8,000.00
Subtotal					\$400,667.50
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	6,670	\$4.00	\$26,680.00
16	Remove & Dispose Concrete Curb & Gutter	LF	2,665	\$2.00	\$5,330.00
17	Remove & Dispose Concrete Sidewalk	SY	600	\$4.00	\$2,400.00
Subtotal					\$34,410.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. 24" Leads	LF	1,500	\$120.00	\$180,000.00
22	Remove and Replace Inlet, All Types	EA	16	\$2,000.00	\$32,000.00
23	Remove And Replace Manholes	EA	8	\$3,000.00	\$24,000.00
Subtotal					\$236,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$850,477.50
Contingency (15%)					\$127,571.63
Engineering (15%)					\$127,571.63
Total Project Cost					\$1,105,620.75

Assumptions:

Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PV

12. Dixie (Almeda to Tierwester)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	64	\$4,000.00	\$256,000.00
3	Erosion control (Per Block & Intersection)	LS	11	\$5,000.00	\$55,000.00
4	Pavement Markers (Per Block & Intersection)	LS	11	\$500.00	\$5,500.00
5	Street Signage (at Intersections)	LS	11	\$600.00	\$6,600.00
6	Traffic Control (Per Block & Intersection)	LS	11	\$5,000.00	\$55,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF			\$0.00
Subtotal					\$378,100.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	24,890	\$48.00	\$1,194,720.00
11	6" Curb	LF	11,540	\$5.50	\$63,470.00
12	Driveway Replacement (6" Concrete)	SY	2,240	\$52.00	\$116,480.00
13	4-1/2 Sidewalks (4' Wide)	SF	46,160	\$5.00	\$230,800.00
14	Wheelchair Ramp	EA	44	\$500.00	\$22,000.00
Subtotal					\$1,627,470.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	24,890	\$4.00	\$99,560.00
16	Remove & Dispose Concrete Curb & Gutter	LF	11,540	\$2.00	\$23,080.00
17	Remove & Dispose Concrete Sidewalk	SY	39,570	\$4.00	\$158,280.00
Subtotal					\$280,920.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. 24" Leads	LF	880	\$120.00	\$105,600.00
22	Remove and Replace Inlet, All Types	EA	44	\$2,000.00	\$88,000.00
23	Remove And Replace Manholes	EA	22	\$3,000.00	\$66,000.00
Subtotal					\$259,600.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$2,546,090.00
Contingency (15%)					\$381,913.50
Engineering (15%)					\$381,913.50
Total Project Cost					\$3,309,917.00

Assumptions:

Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PV

13. Dowling (SH-288 to I-45)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	51	\$4,000.00	\$204,000.00
3	Erosion control (Per Block & Intersection)	LS	35	\$5,000.00	\$175,000.00
4	Pavement Markers (Per Block & Intersection)	LS	35	\$500.00	\$17,500.00
5	Street Signage (at Intersections)	LS	35	\$600.00	\$21,000.00
6	Traffic Control (Per Block & Intersection)	LS	35	\$5,000.00	\$175,000.00
7	Traffic Signal Installation / Modification	LS	6	\$75,000.00	\$450,000.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$1,042,500.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	51,000	\$48.00	\$2,448,000.00
11	6" Curb	LF	9,200	\$5.50	\$50,600.00
12	Driveway Replacement (6" Concrete)	SY	4,590	\$52.00	\$238,680.00
13	4-1/2 Sidewalks (4' Wide)	SF	36,800	\$5.00	\$184,000.00
14	Wheelchair Ramp	EA	140	\$500.00	\$70,000.00
Subtotal					\$2,991,280.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	45,335	\$4.00	\$181,340.00
16	Remove & Dispose Concrete Curb & Gutter	LF	9,200	\$2.00	\$18,400.00
17	Remove & Dispose Concrete Sidewalk	SY	4,088	\$4.00	\$16,352.00
Subtotal					\$216,092.00
Water					
18	8-inch PVC Main	LF	483	\$105.00	\$50,715.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	1	\$3,500.00	\$3,500.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$50,715.00	\$12,678.75
Subtotal					\$66,893.75
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	1,728	\$120.00	\$207,360.00
22	Remove and Replace Inlet, All Types	EA	12	\$2,000.00	\$24,000.00
23	Remove And Replace Manholes	EA	6	\$3,000.00	\$18,000.00
Subtotal					\$249,360.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 10-inch	LF	0.00	\$105.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$4,566,125.75
Contingency (15%)					\$684,918.86
Engineering (15%)					\$684,918.86
Total Project Cost					\$5,935,963.48

Assumptions:

Costs include intersections,

Remove and replace existing sidewalks,

Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets

All asbestos cement pipes replaced with equivalent C-900 PVC pipes

all 6" sanitary replaced with 8" PVC sanitary sewer lines

all storm inlets, manholes and leads replaced



PTI, Inc.

14. Elgin (US 59 to Scott)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	65	\$4,000.00	\$260,000.00
3	Erosion control (Per Block & Intersection)	LS	17	\$5,000.00	\$85,000.00
4	Pavement Markers (Per Block & Intersection)	LS	17	\$500.00	\$8,500.00
5	Street Signage (at Intersections)	LS	17	\$600.00	\$10,200.00
6	Traffic Control (Per Block & Intersection)	LS	17	\$5,000.00	\$85,000.00
7	Traffic Signal Installation / Modification	LS	4	\$75,000.00	\$300,000.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$748,700.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	43,350	\$48.00	\$2,080,800.00
11	6" Curb	LF	8,920	\$5.50	\$49,060.00
12	Driveway Replacement (6" Concrete)	SY	3,902	\$52.00	\$202,904.00
13	4-1/2 Sidewalks (4' Wide)	SF	35,680	\$5.00	\$178,400.00
14	Wheelchair Ramp	EA	68	\$500.00	\$34,000.00
Subtotal					\$2,545,164.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	43,350	\$4.00	\$173,400.00
16	Remove & Dispose Concrete Curb & Gutter	LF		\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	3,965	\$4.00	\$15,860.00
Subtotal					\$189,260.00
Water					
18	8-inch PVC Main	LF	0	\$60.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	0	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Lead 24"	LF	880	\$120.00	\$105,600.00
22	Remove and Replace Inlet, All Types	EA	44	\$2,000.00	\$88,000.00
23	Remove And Replace Manholes	EA	22	\$3,000.00	\$66,000.00
Subtotal					\$259,600.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8" (Replace 6" Sewer)	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	0.15	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$3,742,724.00
Contingency (15%)					\$561,408.60
Engineering (15%)					\$561,408.60
Total Project Cost					\$4,865,541.20

Assumptions:

Costs include intersections,

Remove and replace existing sidewalks,

Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets

All asbestos cement pipes replaced with equivalent C-900 PVC pipes

all 6" sanitary replaced with 8" PV

15. Grand (Corder to OST)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	30	\$4,000.00	\$120,000.00
3	Erosion control (Per Block & Intersection)	LS	7	\$5,000.00	\$35,000.00
4	Pavement Markers (Per Block & Intersection)	LS	7	\$500.00	\$3,500.00
5	Street Signage (at Intersections)	LS	7	\$600.00	\$4,200.00
6	Traffic Control (Per Block & Intersection)	LS	7	\$5,000.00	\$35,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF			\$0.00
Subtotal					\$197,700.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	11,670	\$48.00	\$560,160.00
11	6" Curb	LF	4,740	\$5.50	\$26,070.00
12	Driveway Replacement (6" Concrete)	SY	1,050	\$52.00	\$54,600.00
13	4-1/2 Sidewalks (4' Wide)	SF	18,960	\$5.00	\$94,800.00
14	Wheelchair Ramp	EA	28	\$500.00	\$14,000.00
Subtotal					\$749,630.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	11,670	\$4.00	\$46,680.00
16	Remove & Dispose Concrete Curb & Gutter	LF	0	\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	0	\$4.00	\$0.00
Subtotal					\$46,680.00
Water					
18	8-inch PVC Main	LF	2,731	\$160.00	\$436,960.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	6	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$436,960.00	\$109,240.00
Subtotal					\$546,200.00
Storm Water					
21	RCP Storm Sewer. Various sizes with 24" Leads	LF	3,400	\$120.00	\$408,000.00
22	Remove and Replace Inlet, All Types	EA	20	\$2,000.00	\$40,000.00
23	Remove And Replace Manholes	EA	10	\$3,000.00	\$30,000.00
Subtotal					\$478,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$2,018,210.00
Contingency (15%)					\$302,731.50
Engineering (15%)					\$302,731.50
Total Project Cost					\$2,623,673.00

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



16. Griggs (Wayside to Mykawa)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	0	\$4,000.00	\$0.00
3	Erosion control (Per Block & Intersection)	LS	0	\$5,000.00	\$0.00
4	Pavement Markers (Per Block & Intersection)	LS	0	\$500.00	\$0.00
5	Street Signage (at Intersections)	LS	0	\$600.00	\$0.00
6	Traffic Control (Per Block & Intersection)	LS	0	\$5,000.00	\$0.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$0.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	0	\$48.00	\$0.00
11	6" Curb	LF	0	\$5.50	\$0.00
12	Driveway Replacement (6" Concrete)	SY	0	\$52.00	\$0.00
13	4-1/2 Sidewalks (4' Wide)	SF	16,000	\$5.00	\$80,000.00
14	Wheelchair Ramp	EA	4	\$500.00	\$2,000.00
Subtotal					\$82,000.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	0	\$4.00	\$0.00
16	Remove & Dispose Concrete Curb & Gutter	LF	0	\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	0	\$4.00	\$0.00
Subtotal					\$0.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	0	\$120.00	\$0.00
22	Remove and Replace Inlet, All Types	EA	0	\$2,000.00	\$0.00
23	Remove And Replace Manholes	EA	0	\$3,000.00	\$0.00
Subtotal					\$0.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$82,000.00
Contingency (15%)					\$12,300.00
Engineering (15%)					\$12,300.00
Total Project Cost					\$106,600.00

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



PTI, Inc.

18. Holman (US 59 To Scott)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	70	\$4,000.00	\$280,000.00
3	Erosion control (Per Block & Intersection)	LS	24	\$5,000.00	\$120,000.00
4	Pavement Markers (Per Block & Intersection)	LS	24	\$500.00	\$12,000.00
5	Street Signage (at Intersections)	LS	24	\$600.00	\$14,400.00
6	Traffic Control (Per Block & Intersection)	LS	24	\$5,000.00	\$120,000.00
7	Traffic Signal Installation / Modification	LS	5	\$75,000.00	\$375,000.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$921,400.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	31,350	\$48.00	\$1,504,800.00
11	6" Curb	LF	12,660	\$5.50	\$69,630.00
12	Driveway Replacement (6" Concrete)	SY	2,822	\$52.00	\$146,744.00
13	4-1/2 Sidewalks (4' Wide)	SF	50,640	\$5.00	\$253,200.00
14	Wheelchair Ramp	EA	96	\$500.00	\$48,000.00
Subtotal					\$2,022,374.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	31,350	\$4.00	\$125,400.00
16	Remove & Dispose Concrete Curb & Gutter	LF	12,660	\$2.00	\$25,320.00
17	Remove & Dispose Concrete Sidewalk	SY	5,630	\$4.00	\$22,520.00
Subtotal					\$173,240.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	720	\$120.00	\$86,400.00
22	Remove and Replace Inlet, All Types	EA	46	\$2,000.00	\$92,000.00
23	Remove And Replace Manholes	EA	23	\$3,000.00	\$69,000.00
Subtotal					\$247,400.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$3,364,414.00
Contingency (15%)					\$504,662.10
Engineering (15%)					\$504,662.10
Total Project Cost					\$4,373,738.20

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



19. Kelton (Allegheny to Bowling Green)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	7	\$4,000.00	\$28,000.00
3	Erosion control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
4	Pavement Markers (Per Block & Intersection)	LS	2	\$500.00	\$1,000.00
5	Street Signage (at Intersections)	LS	2	\$600.00	\$1,200.00
6	Traffic Control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA			\$0.00
9	Special concrete Pavers	SF			\$0.00
Subtotal					\$50,200.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	1,950	\$48.00	\$93,600.00
11	6" Curb	LF	1,080	\$5.50	\$5,940.00
12	Driveway Replacement (6" Concrete)	SY	176	\$52.00	\$9,152.00
13	4-1/2 Sidewalks (4' Wide)	SF	4,320	\$5.00	\$21,600.00
14	Wheelchair Ramp	EA	4	\$500.00	\$2,000.00
Subtotal					\$132,292.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	1,950	\$4.00	\$7,800.00
16	Remove & Dispose Concrete Curb & Gutter	LF	1,080	\$2.00	\$2,160.00
17	Remove & Dispose Concrete Sidewalk	SY	0	\$4.00	\$0.00
Subtotal					\$9,960.00
Water					
18	8-inch PVC Main	LF	0	\$60.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes with 24" Leads	LF	780	\$120.00	\$93,600.00
22	Remove and Replace Inlet, All Types	EA	4	\$2,000.00	\$8,000.00
23	Remove And Replace Manholes	EA	2	\$3,000.00	\$6,000.00
Subtotal					\$107,600.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	700.00	\$95.00	\$66,500.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$66,500.00	\$9,975.00
Subtotal					\$76,475.00
TOTAL					\$376,527.00
Contingency (15%)					\$56,479.05
Engineering (15%)					\$56,479.05
Total Project Cost					\$489,485.10

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced

22. Martin L. King (Wheeler To I.H. 610)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF			\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	117	\$4,000.00	\$468,000.00
3	Erosion control (Per Block & Intersection)	LS	24	\$5,000.00	\$120,000.00
4	Pavement Markers (Per Block & Intersection)	LS	24	\$500.00	\$12,000.00
5	Street Signage (at Intersections)	LS	24	\$600.00	\$14,400.00
6	Traffic Control (Per Block & Intersection)	LS	24	\$5,000.00	\$120,000.00
7	Traffic Signal Installation / Modification	LS	3	\$75,000.00	\$225,000.00
8	Railroad Crossing Improvement	EA	1	\$250,000.00	\$250,000.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$1,209,400.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	104,000	\$48.00	\$4,992,000.00
11	6" Curb	LF	17,590	\$5.50	\$96,745.00
12	Driveway Replacement (6" Concrete)	SY	9,360	\$52.00	\$486,720.00
13	4-1/2 Sidewalks (4' Wide)	SF	70,360	\$5.00	\$351,800.00
14	Wheelchair Ramp	EA	80	\$500.00	\$40,000.00
Subtotal					\$5,967,265.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	11,556	\$4.00	\$46,224.00
16	Remove & Dispose Concrete Curb & Gutter	LF	17,590	\$2.00	\$35,180.00
17	Remove & Dispose Concrete Sidewalk	SY	70,360	\$4.00	\$281,440.00
Subtotal					\$362,844.00
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes	LF	3,340	\$120.00	\$400,800.00
22	Remove and Replace Inlet, All Types	EA	78	\$2,000.00	\$156,000.00
23	Remove And Replace Manholes	EA	39	\$3,000.00	\$117,000.00
Subtotal					\$673,800.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$8,213,309.00
Contingency (15%)					\$1,231,996.35
Engineering (15%)					\$1,231,996.35
Total Project Cost					\$10,677,301.70

Assumptions:

Costs include intersections,

Remove and replace existing sidewalks,

Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets

All asbestos cement pipes replaced with equivalent C-900 PVC pipes

all 6" sanitary replaced with 8" PVC sanitary sewer lines

all storm inlets, manholes and leads replaced



24. Natchez (Allegheny to Bowling Green)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	7	\$4,000.00	\$28,000.00
3	Erosion control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
4	Pavement Markers (Per Block & Intersection)	LS	2	\$500.00	\$1,000.00
5	Street Signage (at Intersections)	LS	2	\$600.00	\$1,200.00
6	Traffic Control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$50,200.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	1,950	\$48.00	\$93,600.00
11	6" Curb	LF	1,080	\$5.50	\$5,940.00
12	Driveway Replacement (6" Concrete)	SY	176	\$52.00	\$9,152.00
13	4-1/2 Sidewalks (4' Wide)	SF	4,320	\$5.00	\$21,600.00
14	Wheelchair Ramp	EA	4	\$500.00	\$2,000.00
Subtotal					\$132,292.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	217	\$4.00	\$868.00
16	Remove & Dispose Concrete Curb & Gutter	LF	1,080	\$2.00	\$2,160.00
17	Remove & Dispose Concrete Sidewalk	SY	0	\$4.00	\$0.00
Subtotal					\$3,028.00
Water					
18	8-inch PVC Main	LF	0	\$60.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. Various sizes with 24" Leads	LF	780	\$120.00	\$93,600.00
22	Remove and Replace Inlet, All Types	EA	4	\$2,000.00	\$8,000.00
23	Remove And Replace Manholes	EA	2	\$3,000.00	\$6,000.00
Subtotal					\$107,600.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	700.00	\$95.00	\$66,500.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$66,500.00	\$9,975.00
Subtotal					\$76,475.00
TOTAL					\$369,595.00
Contingency (15%)					\$55,439.25
Engineering (15%)					\$55,439.25
Total Project Cost					\$480,473.50

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced

28. Scott (I-45 to Tristan)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	135	\$4,000.00	\$540,000.00
3	Erosion control (Per Block & Intersection)	LS	37	\$5,000.00	\$185,000.00
4	Pavement Markers (Per Block & Intersection)	LS	37	\$500.00	\$18,500.00
5	Street Signage (at Intersections)	LS	37	\$600.00	\$22,200.00
6	Traffic Control (Per Block & Intersection)	LS	37	\$5,000.00	\$185,000.00
7	Traffic Signal Installation / Modification	LS	5	\$75,000.00	\$375,000.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$1,325,700.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	88,115	\$48.00	\$4,229,520.00
11	6" Curb	LF	23,550	\$5.50	\$129,525.00
12	Driveway Replacement (6" Concrete)	SY	7,930	\$52.00	\$412,360.00
13	4-1/2 Sidewalks (4' Wide)	SF	94,200	\$5.00	\$471,000.00
14	Wheelchair Ramp	EA	148	\$500.00	\$74,000.00
Subtotal					\$5,316,405.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	88,115	\$4.00	\$352,460.00
16	Remove & Dispose Concrete Curb & Gutter	LF	0	\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	10,467	\$4.00	\$41,866.67
Subtotal					\$394,326.67
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer Leads 24"	LF	2,700	\$120.00	\$324,000.00
22	Remove and Replace Inlet, All Types	EA	90	\$2,000.00	\$180,000.00
23	Remove And Replace Manholes	EA	45	\$3,000.00	\$135,000.00
Subtotal					\$639,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$7,675,431.67
Contingency (15%)					\$1,151,314.75
Engineering (15%)					\$1,151,314.75
Total Project Cost					\$9,978,061.17

Assumptions:

Costs include intersections,

Remove and replace existing sidewalks,

Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets

All asbestos cement pipes replaced with equivalent C-900 PVC pipes

all 6" sanitary replaced with 8" PVC sanitary sewer lines

all storm inlets, manholes and leads replaced



30. Wayside (Griggs to I-610)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	15	\$4,000.00	\$60,000.00
3	Erosion control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
4	Pavement Markers (Per Block & Intersection)	LS	2	\$500.00	\$1,000.00
5	Street Signage (at Intersections)	LS	2	\$600.00	\$1,200.00
6	Traffic Control (Per Block & Intersection)	LS	2	\$5,000.00	\$10,000.00
7	Traffic Signal Installation / Modification	LS	0	\$75,000.00	\$0.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$82,200.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	13,330	\$48.00	\$639,840.00
11	6" Curb	LF	2,624	\$5.50	\$14,432.00
12	Driveway Replacement (6" Concrete)	SY	1,200	\$52.00	\$62,400.00
13	4-1/2 Sidewalks (4' Wide)	SF	10,496	\$5.00	\$52,480.00
14	Wheelchair Ramp	EA	4	\$500.00	\$2,000.00
Subtotal					\$771,152.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	13,330	\$4.00	\$53,320.00
16	Remove & Dispose Concrete Curb & Gutter	LF	0	\$2.00	\$0.00
17	Remove & Dispose Concrete Sidewalk	SY	1,166	\$4.00	\$4,664.89
Subtotal					\$57,984.89
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer Leads	LF	300	\$120.00	\$36,000.00
22	Remove and Replace Inlet, All Types	EA	10	\$2,000.00	\$20,000.00
23	Remove And Replace Manholes	EA	5	\$3,000.00	\$15,000.00
Subtotal					\$71,000.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$982,336.89
Contingency (15%)					\$147,350.53
Engineering (15%)					\$147,350.53
Total Project Cost					\$1,277,037.96

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced



31. Wheeler (Scott to Calhoun)

Item No.	Item	Unit	Quantity	Unit Cost	Total Cost
Basic Items					
1	Landscape	SF	0		\$0.00
2	Street Lighting (pedestrian lighting every 100')	EA	42	\$4,000.00	\$168,000.00
3	Erosion control (Per Block & Intersection)	LS	5	\$5,000.00	\$25,000.00
4	Pavement Markers (Per Block & Intersection)	LS	5	\$500.00	\$2,500.00
5	Street Signage (at Intersections)	LS	5	\$600.00	\$3,000.00
6	Traffic Control (Per Block & Intersection)	LS	5	\$5,000.00	\$25,000.00
7	Traffic Signal Installation / Modification	LS	1	\$75,000.00	\$75,000.00
8	Monumentations	EA	0		\$0.00
9	Special concrete Pavers	SF	0		\$0.00
Subtotal					\$298,500.00
Paving					
10	8" Concrete Paving, Incl Stabilization	SY	18,670	\$48.00	\$896,160.00
11	6" Curb	LF	7,800	\$5.50	\$42,900.00
12	Driveway Replacement (6" Concrete)	SY	1,680	\$52.00	\$87,360.00
13	4-1/2 Sidewalks (4' Wide)	SF	312,000	\$5.00	\$1,560,000.00
14	Wheelchair Ramp	EA	20	\$500.00	\$10,000.00
Subtotal					\$2,596,420.00
Removal					
15	Remove Existing Asphalt Pavement & Base/Concrete Pavement	SY	18,670	\$4.00	\$74,680.00
16	Remove & Dispose Concrete Curb & Gutter	LF	7,800	\$2.00	\$15,600.00
17	Remove & Dispose Concrete Sidewalk	SY	34,667	\$4.00	\$138,666.67
Subtotal					\$228,946.67
Water					
18	12-inch PVC Main	LF	0	\$90.00	\$0.00
19	Fire Hydrant Assemb, incl 6" Gate Valve and box	EA	0	\$0.00	\$0.00
20	Water Appurtenances (Valves, Bends, etc)	%	25%	\$0.00	\$0.00
Subtotal					\$0.00
Storm Water					
21	RCP Storm Sewer. 24" Leads	LF	840	\$120.00	\$100,800.00
22	Remove and Replace Inlet, All Types	EA	28	\$2,000.00	\$56,000.00
23	Remove And Replace Manholes	EA	14	\$3,000.00	\$42,000.00
Subtotal					\$198,800.00
Sanitary Sewer					
24	PVC Sanitary Sewer Line, 8-inch	LF	0.00	\$90.00	\$0.00
25	Sanitary Appurtenances (Connections, etc)	%	15%	\$0.00	\$0.00
Subtotal					\$0.00
TOTAL					\$3,322,666.67
Contingency (15%)					\$498,400.00
Engineering (15%)					\$498,400.00
Total Project Cost					\$4,319,466.67

Assumptions:
 Costs include intersections,
 Remove and replace existing sidewalks,
 Asphalt paving and curb & gutter replaced with 8" concrete curb and gutter streets
 All asbestos cement pipes replaced with equivalent C-900 PVC pipes
 all 6" sanitary replaced with 8" PVC sanitary sewer lines
 all storm inlets, manholes and leads replaced