



**CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS**

**PROJECT MANUAL
ROADWAY PAVEMENT REPLACEMENT PROJECT
PARK MANOR ST, SURREY SQUARE ST
WBS No. N-321039-001B-4**

VOLUME 1 of 1

Divisions 00 through 16

December 2018



15310 Park Row
Houston, Texas 77084
Telephone (281) 493-4140
Fax (281) 493-2211
www.aiainc.com

Document 00010

TABLE OF CONTENTS

NOTE: Capitalized Specification Sections are included in http://documents.publicworks.houstontx.gov/document-center/cat_view/88-engineering-and-construction/92-specifications.html; and are incorporated in Project Manuals by reference as if copied verbatim. Documents listed "for filing" are to be provided by Bidder and are not included in this Project Manual unless indicated for example only. The Document numbers and titles hold places for actual documents to be submitted by Contractor during Bid, post-bid, or construction phase of the Project. Specification Sections marked with an asterisk (*) are amended by a supplemental specification, printed on blue paper and placed in front of the Specification it amends. Documents in the 200, 300 and 400 series of Division 00, except for Document 00410B – Bid Form, Part B, are not part of the Contract.

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
INTRODUCTORY INFORMATION		
00010	Table of Contents	02-12-2016
00015	List of Drawings	02-01-2004
00041	List of Pre-qualified Asbestos & Lead Abatement Contractors	03-21-2012
00042	List of Designated Subcontractors and Suppliers	02-01-2004
BIDDING REQUIREMENTS		
INSTRUCTIONS TO BIDDERS		
00200	Instructions to Bidders	08-01-2015
00210	Supplementary Instructions to Bidders	09-20-2012
00220	Request for Bid Information	06-11-2004
INFORMATION AVAILABLE TO BIDDERS		
00320	Geotechnical Information	09-02-2005
00330	Existing Conditions	04-30-2004
00340	Environmental Information	09-14-2005
BID FORMS AND SUPPLEMENTS		
00410	Bid Form, Parts A & B	08-01-2015
00430	Bidder's Bond (For filing; Example Form)	02-01-2004
00450	Bidder's Statement of SMWBE Status	07-01-2013
00452	Contractor Submission List - Fair Campaign Ordinance	04-30-2004
00453	Bidder's Statement of Residency	02-01-2004
00454	Affidavit of Non-interest	02-01-2004
00455	Affidavit of Ownership or Control	09-04-2007

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
00456	Bidder's Certificate of Compliance with Buy American Program	02-01-2004
00457	Conflict of Interest Questionnaire.....	02-28-2006
00458	Bidder's Certificate Regarding Foreign Trade Restriction.....	02-01-2004
00459	Contractor's Statement Regarding Previous Contracts Subject to EEO.....	02-01-2004
00460	Pay or Play Acknowledgement Form (POP-1A)	04-01-2013
00470	Bidder's MWSBE Participation Plan	08-01-2015
00471	Pre-Bid Good Faith Efforts	08-01-2015
00472	Bidder's Goal Deviation Request.....	08-01-2015

POST-BID PROCEDURES

00495	Post-bid Procedures.....	07-01-2013
-------	--------------------------	------------

CONTRACTING REQUIREMENTS

AGREEMENT

00501	Resolution of Contractor.....	02-01-2010
00520	Agreement.....	07-01-2013
00521	Assignment.....	01-10-2005
00570	Amended MWSBE Participation Plan.....	08-01-2013
00571	Post-Bid Good Faith Efforts.....	08-01-2013
00572	Contractor's Plan Deviation Request.....	08-01-2013

BONDS AND CERTIFICATES

00600	List of Proposed Subcontractors and Suppliers, Parts A & B	07-01-2013
00601	Drug Policy Compliance Agreement.....	02-01-2004
00602	Contractor's Drug Free Workplace Policy (For filing)	
00603	Checklist for Drug Policy Submittal.....	02-09-2012
00604	History of OSHA Actions and List of On-the-job Injuries.....	02-01-2004
00605	List of Safety Impact Positions	02-01-2004
00606	Contractor's Certification of No Safety Impact Positions	02-01-2004
00607	Certification Regarding Debarment, Suspension, and Other Responsibility Matters	02-01-2004
00608	Contractor's Certification Regarding Non-segregated Facilities for Project Funded by AIP Grant	02-01-2004
00610	Performance Bond.....	05-17-2005
00611	Statutory Payment Bond.....	05-17-2005
00612	One-year Maintenance Bond.....	05-17-2005
00613	One-year Surface Correction Bond	05-17-2005
00620	Affidavit of Insurance (with attached Certificates of Insurance)	02-01-2004
00622	Name and Qualifications of Proposed Superintendent (For filing)	
00630	Certification of Agreement to Comply with Pay or Play Program.....	07-03-2012

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
00631	City of Houston Pay or Play Program – List of Participating Subcontractors	07-03-2012
00633	Equal Employment Opportunity - Certification By Material Suppliers	02-01-2010
00642	Monthly Subcontractor Payment Reporting Form.....	02-01-2010
00646	Payment Notification Explanation of Withholding	02-01-2010

GENERAL CONDITIONS

00700	General Conditions.....	08-15-2015
-------	-------------------------	------------

SUPPLEMENTARY CONDITIONS

00800	Supplementary Conditions	12-30-2015
00805	Equal Employment Opportunity Program Requirements	02-01-2014
00808	Requirements for the City of Houston Program for Minority, Women and Small Business Enterprises (MWSBE), and Persons with Disabilities Business Enterprises (PDBE)	12-23-2015
00820	Wage Scale for Engineering Construction.....	02-01-2015
00821	Wage Scale for Building Construction	02-01-2015
00830	Trench Safety Geotechnical Information	02-01-2004
00840	Pay or Play Program Requirements	07-03-2012

ADDENDA AND MODIFICATIONS

00910	Addendum	02-01-2004
00911	Notice of Addendum	02-01-2004
00931	Request for Information	02-01-2004

SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

01110	Summary of Work.....	02-12-2016
01145	Use of Premises	01-01-2011
01255	Change Order Procedures	08-01-2003
01270	Measurement and Payment	08-01-2003
01292	Schedule of Values.....	08-01-2003
01312	Coordination and Meetings.....	08-01-2003
01321	Construction Photographs	08-01-2003
01325	Construction Schedule	08-01-2003
01326	Construction Schedule (Bar Chart).....	08-01-2003
01330	Submittal Procedures	08-01-2003
01340	Shop Drawings, Product Data, and Samples	08-01-2003
01351	Environmental Safety and Worker Protection.....	01-01-2011
01410	TPDES Requirements (with Attachments).....	02-01-2011
01422	Reference Standards.....	08-01-2003

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
01450	Contractor's Quality Control.....	08-01-2003
01452	Inspection Services	08-01-2003
01454	Testing Laboratory Services.....	08-01-2003
01502	Mobilization	08-01-2008
01504	Temporary Facilities and Controls.....	01-01-2011
01506	Diversion Pumping	08-01-2003
01520	Temporary Field Office	02-08-2012
01554	Traffic Control and Street Signs	07-01-2012
01555	Traffic Control and Regulation.....	01-01-2011
01562	Tree and Plant Protection.....	01-01-2011
01570	Storm Water Pollution Control	01-26-2012
01575	Stabilized Construction Access	02-01-2011
01576	Waste Material Disposal.....	08-01-2003
01578	Control of Ground and Surface Water	01-01-2011
01580	Project Identification Signs	08-01-2003
01581	Excavation in Public Way Permit Signs.....	08-01-2003
01610	Basic Product Requirements	01-01-2011
01630	Product Substitution Procedures	08-01-2003
01725	Field Surveying.....	01-01-2011
01731	Cutting and Patching	01-01-2011
01732	Procedure for Water Valve Assistance (with Attachments)	08-01-2003
01740	Site Restoration.....	08-01-2003
01755	Starting Systems	08-01-2003
01770	Closeout Procedures.....	08-01-2003
01782	Operations and Maintenance Data.....	08-01-2003
01785	Project Record Documents.....	08-01-2003
 DIVISION 2 - SITE WORK		
02081	CAST-IN-PLACE CONCRETE MANHOLES.....	01-01-2011
02082	PRECAST CONCRETE MANHOLES	01-01-2011
02083	FIBERGLASS MANHOLES.....	01-01-2011
02084	FRAMES, GRATES, RINGS, AND COVERS.....	08-01-2008
02085	VALVE BOXES, METER BOXES, AND METER VAULTS.....	01-01-2011
02086	ADJUSTING MANHOLES, INLETS, AND VALVE BOXES TO GRADE.....	01-01-2011
02087	BRICK MANHOLE FOR STORM SEWERS.....	10-01-2002
02136	WASTE MATERIAL HANDLING, TESTING AND DISPOSAL	01-01-2011
02221	REMOVING EXISTING PAVEMENTS AND STRUCTURES	07-01-2009
02222	ABANDONMENT OF SEWERS	01-01-2011
02233	CLEARING AND GRUBBING	01-01-2011
02260	TRENCH SAFETY SYSTEM.....	02-01-2011
02316	EXCAVATION AND BACKFILL FOR STRUCTURES.....	01-01-2011

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
02317	EXCAVATION AND BACKFILL FOR UTILITIES.....	01-01-2011
02320	UTILITY BACKFILL MATERIALS.....	01-01-2011
02321	CEMENT STABILIZED SAND.....	01-01-2011
02322	FLOWABLE FILL.....	08-01-2008
02336	LIME-STABILIZED SUBGRADE.....	10-01-2002
02337	LIME/FLY-ASH STABILIZED SUBGRADE.....	10-01-2002
02447	AUGERING PIPE AND CONDUIT.....	10-01-2002
02448	PIPE AND CASING AUGERING FOR SEWERS.....	10-01-2002
02501	DUCTILE IRON PIPE AND FITTINGS.....	02-01-2011
02503	COPPER TUBING.....	10-01-2002
02506	POLYVINYL CHLORIDE PIPE.....	01-01-2011
02511	WATER LINES.....	01-01-2011
02512	WATER TAP AND SERVICE LINE INSTALLATION.....	04-27-2012
02513	WET CONNECTIONS.....	10-01-2002
02514	DISINFECTION OF WATER LINES.....	01-01-2011
02516	CUT, PLUG, AND ABANDONMENT OF WATER LINES.....	01-01-2011
02521	GATE VALVES.....	01-01-2011
02526	WATER METERS.....	01-01-2011
02527	POLYURETHANE COATINGS ON STEEL OR DUCTILE IRON PIPE.....	10-01-2002
02528	POLYETHYLENE WRAP.....	01-01-2011
02531	GRAVITY SANITARY SEWERS.....	01-01-2011
02533	ACCEPTANCE TESTING FOR SANITARY SEWERS.....	01-01-2011
02534	SANITARY SEWER SERVICE STUBS OR RECONNECTIONS.....	01-01-2011
02553	POINT REPAIR AND OBSTRUCTION REMOVALS.....	01-01-2011
02581	STREET LIGHTING CONDUIT.....	10-01-2002
02611	REINFORCED CONCRETE PIPE.....	02-01-2011
02612	PRECAST REINFORCED CONCRETE BOX SEWERS.....	10-01-2002
02631	STORM SEWERS.....	01-26-2012
02632	CAST-IN-PLACE INLETS, HEADWALLS, AND WINGWALLS.....	10-01-2002
02633	PRECAST CONCRETE INLETS, HEADWALLS, AND WINGWALLS.....	10-01-2002
02714	FLEXIBLE BASE COURSE FOR TEMPORARY DRIVEWAYS.....	07-01-2009
02741	ASPHALTIC CONCRETE PAVEMENT.....	07-01-2009
02743	TACK COAT.....	10-01-2002
02751	CONCRETE PAVING.....	07-01-2009
02752	CONCRETE PAVEMENT JOINTS.....	10-01-2002
02753	CONCRETE PAVEMENT CURING.....	10-01-2002
02754	CONCRETE DRIVEWAYS.....	09-01-2002
02762	BLAST CLEANING OF PAVEMENT.....	10-01-2002
02764	RAISED PAVEMENT MARKERS.....	07-01-2012

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
02765	PREFORMED PAVEMENT MARKINGS.....	07-01-2012
02767	THERMOPLASTIC PAVEMENT MARKINGS	07-01-2012
02771	CURB, CURB AND GUTTER, AND HEADERS	10-01-2002
02775	CONCRETE SIDEWALKS	10-01-2002
02811	LANDSCAPE IRRIGATION.....	10-01-2002
02911	TOPSOIL.....	10-01-2002
02912	TREE, PLANT, AND HARDSCAPE PROTECTION	07-01-2009
02915	TREE PLANTING.....	01-01-2011
02921	HYDROMULCH SEEDING.....	01-01-2011
02922	SODDING.....	07-01-2009
02960	MILLING PAVEMENT	07-01-2009
	TxDOT 420 CL C CONC (COLLAR) (24" DIA RCP).....	11-01-2014
	TxDOT 662 WORK ZONE PAVEMENT MARKINGS.....	11-01-2014

DIVISION 3 - CONCRETE

03315	CONCRETE FOR UTILITY CONSTRUCTION.....	10-01-2002
-------	--	------------

DIVISION 4 - MORTAR

04061	MORTAR.....	10-01-2002
04210	BRICK MASONRY FOR UTILITY CONSTRUCTION.....	10-01-2002

DIVISION 5 - METALS

DIVISION 6 - WOOD AND PLASTICS

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

DIVISION 8 - DOORS AND WINDOWS

DIVISION 9 - FINISHES

DIVISION 10 - SPECIALTIES

DIVISION 11 – EQUIPMENT

DIVISION 12 - FURNISHINGS

DIVISION 13 - SPECIAL CONSTRUCTION

13501	SPEED CUSHIONS	05-01-2009
-------	----------------------	------------

DIVISION 14 - CONVEYING SYSTEMS

DIVISION 15 – MECHANICAL

<u>Doc. No.</u>	<u>Document Title</u>	<u>Doc. Date</u>
DIVISION 16 – ELECTRICAL		
16710	PULL BOXES	07-01-2009
16711	TRAFFIC SIGNAL CONDUIT	07-01-2009

END OF DOCUMENT

Document 00015

LIST OF DRAWINGS

SHEET No.	DRAWING TITLE
	GENERAL
1	COVER SHEET
2	SHEET INDEX
3	ABBREVIATIONS AND SYMBOLS
4-5	GENERAL NOTES
6	PARK MANOR OVERALL LAYOUT
7	SURREY SQUARE OVERALL LAYOUT
8	PARK MANOR DRIVEWAY CALCULATION TABLE
9	DRIVEWAY SUMMARY SURREY SQUARE ST
	SITE PREPARATION
10	SWPPP PARK MANOR ST
11	SWPPP SURREY SQUARE ST
12	PARK MANOR ST FROM FM 2234 TO RAVEN RIDGE DR L1.0 TREE PROTECTION PLAN
13	PARK MANOR ST FROM FM 2234 TO RAVEN RIDGE DR L1.1 TREE PROTECTION PLAN
14	PARK MANOR ST FROM FM 2234 TO RAVEN RIDGE DR L1.2 TREE PROTECTION PLAN
15	PARK MANOR ST FROM FM 2234 TO RAVEN RIDGE DR L1.3 TREE PROTECTION PLAN
16	SURREY SQUARE ST FROM WINKLER DR TO CRIPPLE CREEK DR L1.0 TREE PROTECTION PLAN
17	SURREY SQUARE ST FROM WINKLER DR TO CRIPPLE CREEK DR L1.1 TREE PROTECTION PLAN
	ROADWAY
18-19	EXISTING TYPICAL SECTIONS
20-21	PROPOSED TYPICAL SECTIONS
22-23	PARK MANOR KEY NOTES
24	SURREY SQUARE KEY NOTES

	ROADWAY
25	PARK MANOR HORIZONTAL DATA SHEETS
26	SURREY SQUARE HORIZONTAL DATA SHEETS
27	PARK MANOR ST PLAN & PROFILE (BEGIN TO STA 4+00)
28	PARK MANOR ST PLAN & PROFILE (STA 4+00 TO STA 8+00)
29	PARK MANOR ST PLAN & PROFILE (STA 8+00 TO STA 12+00)
30	PARK MANOR ST PLAN & PROFILE (STA 12+00 TO STA 16+00)
31	PARK MANOR ST PLAN & PROFILE (STA 16+00 TO STA 20+00)
32	PARK MANOR ST PLAN & PROFILE (STA 20+00 TO STA 23+60)
33	PARK MANOR ST PLAN & PROFILE (STA 23+60 TO STA 28+00)
34	PARK MANOR ST PLAN & PROFILE (STA 28+00 TO END)
35	SURREY SQUARE ST PLAN & PROFILE (BEGIN TO STA 5+00)
36	SURREY SQUARE ST PLAN & PROFILE (STA 5+00 TO STA 10+00)
37	SURREY SQUARE ST PLAN & PROFILE (STA 10+00 TO STA 15+00)
38	SURREY SQUARE ST PLAN & PROFILE (STA 15+00 TO END)
	TRAFFIC CONTROL PLAN
39	TRAFFIC CONTROL NOTES
40	CONSTRUCTION SEQUENCE NARRATIVE
41-42	OVERALL LAYOUT & CONSTRUCTION PHASING PARK MANOR ST
43-44	OVERALL LAYOUT & CONSTRUCTION PHASING SURREY SQUARE ST
45-58	TCP 1 - TCP 15
59	TCP TYPICAL DETOUR PLAN
	ILLUMINATION
60	ILLUMINATION LAYOUT PARK MANOR ST (BEGIN TO STA 10+00)
61	ILLUMINATION LAYOUT PARK MANOR ST (STA 10+00 TO STA 20+00)
62	ILLUMINATION LAYOUT PARK MANOR ST (STA 20+00 TO END)
63	ILLUMINATION LAYOUT SURREY SQUARE ST (BEGIN TO STA 10+00)

	ILLUMINATION
64	ILLUMINATION LAYOUT SURREY SQUARE ST (STA 10+00 TO END)
	SIGNING AND PAVEMENT MARKINGS
65	PARK MANOR ST SPM LAYOUT (BEGIN TO STA 10+00)
66	PARK MANOR ST SPM LAYOUT (STA 10+00 TO STA 20+00)
67	PARK MANOR ST SPM LAYOUT (STA 20+00 TO END)
68	SURREY SQUARE ST SPM LAYOUT (BEGIN TO STA 10+00)
69	SURREY SQUARE ST SPM LAYOUT (STA 10+00 TO END)
70-71	SUMMARY OF SMALL SIGNS
	STANDARD DETAILS
72	<u>SWPPP DETAILS</u>
	STORM WATER POLLUTION PREVENTION DETAILS
73	<u>STORMWATER & WASTEWATER DETAILS</u>
74	STORMWATER
	<u>ROADWAY DETAILS</u>
75	CONSTRUCTION SIGN - COH STANDARD DWG NO. 01580-03
76	SIDEWALK & CURB RAMP DETAILS
77	PAVEMENT AND CURB RAMP DETAILS
78	STANDARD PAVING DETAILS
79	MISCELLANEOUS DETAILS
	<u>TRAFFIC CONTROL DETAILS</u>
80	TYPICAL DETOUR PLAN - COH STANDARD DWG NO. 01512-04
	<u>SIGNING AND PAVEMENT MARKINGS DETAILS</u>

81	SPEED CUSHIONS ARRANGMENT - DWG NO. 13501-01
82	GENERAL NOTES AND GROUND SIGN MOUNTING - DWG NO. 01509-01
83	STREET NAME SIGN & SIGN MOUNTING - DWG NO. 01509-02
84	GROUND MOUNTED SIGNS - DWG NO. 01509-03
85	TYPICAL SIGN PLACEMENT - DWG NO. 01509-04
86	GENERAL NOTES AND GROUND SIGN MOUNTING - DWG NO. 01509-05
87	GENERAL NOTES AND GROUND SIGN MOUNTING - DWG NO. 01509-06
88	SUMMARY OF SMALL SIGNS - DWG NO. 01509-07
89	GENERAL NOTES AND LEGEND - DWG NO. 01510-01
90	SPM WITH REFLECTIVE MARKINGS - DWG NO. 01510-05

END OF DOCUMENT

Document 00410A

BID FORM – PART A

To: **The Honorable Mayor and City Council of the City of Houston
City Hall Annex
900 Bagby Street
Houston, Texas 77002**

Project: Roadway Pavement Replacement Project, Park Manor St, and Surrey Square St

Project No.: WBS No. N-321039-001B-4

Bidder: _____

(Print or type full name of business entity, such as corporation, LLC, etc)

1.0 OFFER

- A. Total Bid Price:** Having examined the Project location and all matters referred to in Bid Documents for the Project, we, the undersigned, offer to enter into a Contract to perform the Work for the Total Bid Price shown on the signature page of this Document
- B. Security Deposit:** Included with the Bid is a Security Deposit in the amount of 10 percent of the Total Bid Price subject to terms described in Document 00200 – Instructions to Bidders.
- C. Period for Bid Acceptance:** This offer is open to acceptance and is irrevocable for 90 days from Bid Date. That period may be extended by mutual written agreement of the City and Bidder.
- D. Addenda:** All Addenda have been received. Modifications to Bid Documents have been considered and all related costs are included in the Total Bid Price.
- E. Bid Supplements:** The following documents are attached:
- Security Deposit *(as defined in Document 00200 – Instructions to Bidders)*
 - Document 00450 - Bidder's Statement of MWSBE Status
 - Document 00452 – Campaign Finance Ordinance
 - Document 00453 – Bidder's Statement of Residency
 - Document 00454 - Affidavit of Non-interest
 - Document 00455 – Affidavit of Ownership or Control
 - Document 00456 - Bidder's Certificate of Compliance with Buy American Program *(required for AIP funded project)*
 - Document 00457 – Conflicts of Interest Questionnaire (CIQ)
 - Document 00458 - Bidder's Certificate Regarding Foreign Trade Restriction *(required for AIP funded project)*
 - Document 00459 - Contractor's Statement Regarding Previous Contracts Subject to EEO *(required for AIP funded project)*
 - Document 00460 – Pay or Play Acknowledgement Form (POP 1-A)
 - Document 00470 – Bidder's MWSBE Participation Plan *(required unless no MWSBE participation goal is provided in Document 00800 (the "Goal"))*.

- Document 00471 – Bidder’s Record of Good Faith Efforts *(required if the goal in Bidder’s Participation Plan–Document 00470 is lower than the Goal)*.
 - Document 00472 – Bidder’s Goal Deviation Request *(required if the goal in Bidder’s Participation Plan–Document 00470 is lower than the Goal)*.
 - Others as listed: _____
-

2.0 CONTRACT TIME

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within 210 days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

Document 00410B
 BID FORM - PART B

1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):

A. STIPULATED PRICE: \$ N/A

(Total Bid Price; minus Base Unit Prices, Extra Unit Prices, Cash Allowances and All Alternatives, if any)

B. BASE UNIT PRICE TABLE:

B1. UNIT PRICE-GENERAL ITEMS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in figures
1	01502	Mobilization	LS	1	\$148,000.00 ⁽¹⁾	\$148,000.00 ⁽¹⁾
2	01555	Traffic Control and Regulation (including Lane Closures, signage, Ty III Barricades, Temp Pavement)	LS	6	\$56,667.00 ⁽¹⁾	\$56,667.00 ⁽¹⁾
3	01555	Flagman & Uniformed Police Officer	LS	1	\$63,000.00 ⁽¹⁾	\$63,000.00 ⁽¹⁾
4	01562	Tree Protection Plan	LS	1		
5	01576	Remove Waste Material & Rubbish	LS	1		
6	02922	Sodding	SY	1,974		
<u>TOTAL GENERAL ITEMS</u>						\$

B2. UNIT PRICE - STORM WATER POLLUTION PREVENTION PLAN ITEMS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in Figures
7	01570	Inlet Protection Barrier (Stage 1 Inlets)	LF	290		
<u>TOTAL STORM WATER POLLUTION PREVENTION PLAN ITEMS</u>						\$

B3. UNIT PRICE - PAVING ITEMS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in Figures
8	02221	Remove and Disposing of Concrete Pavements (All Thicknesses, With or Without Asphalt, Including Base, With or Without Curb, All Depths)	SY	19,570		
9	02221	Removing and Disposing of Concrete Sidewalks (All Thicknesses)	SY	535		
10	02221	Removing and Disposing of Concrete Driveways (All Thicknesses)	SY	532		
11	02315	Roadway Excavation with subgrade	CY	2,631		
12	02336	Lime for Lime Stablized Subgrade (7% Min. Dry Weight)	TON	523		
13	02336	Lime Stablized Subgrade, 8 inches Thick	SY	21,071		
14	02751	Reinforced Concrete Pavement, 9 Inches Thick	SY	6,288		
15	02751	Reinforced Concrete Pavement, 10 Inches Thick	SY	7,813		
16	02751	High Early Strength Reinforced Cocrete Pavement, 9 Inches Thick	SY	3,590		
17	02751	High Early Strength Reinforced Cocrete Pavement, 10 Inches Thick	SY	1,089		
17	02752S	Saw Cut	LF	775		
18	02752	Street Pavement Expansion Joint with Load Transfer Device and Sealant	LF	775		
19	02752	Horizontal Dowels, 24 Inches	EA	2,325		
20	02752	Deformed Steel Tie Bars	EA	2,325		
21	02754	Concrete Driveways, Including Excavation, 6 Inches Thick	SF	1,700		

B3. UNIT PRICE - PAVING ITEMS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in Figures
22	02754	Concrete Driveways, Including Excavation, 7 Inches Thick	SF	4,453		
23	02771	6-Inch Concrete Curb	LF	7,920		
24	02771	Concrete Paving Header	LF	88		
25	02775	Concrete Sidewalk, Including Excavation and Sand Bedding, 4-1/2-Inches Thick, All Widths	SF	2,800		
26	02775	Concrete Curb Ramp, Including Excavation	SF	1,950		
<u>TOTAL PAVING ITEMS</u>						\$

B4. UNIT PRICE - STORM SEWER ITEMS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in Figures
27	02086	Adjust Manholes, Inlets and Valve Boxes	EA	15		
28	02221	Remove and Dispose of Exist 24-Inch Diameter RCP Storm Pipe	LF	131		
29	02260	Trench Safety System for Trench Excavations	LF	131		
30	02631	24-Inch Diameter RCP Storm Sewer, Installed by Open Cut Construction	LF	131		
31	TxDOT 464	CL C Conc (Collar) (24" Dia RCP)	EA	2		
32	02633	Type B-B inlet top only -- tie into exist inlet bottom	EA	4		
<u>TOTAL STORM SEWER ITEMS</u>						\$

B6. UNIT PRICE - SIGNING & PAVEMENT MARKINGS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in Figures
33	01554	Proposed Traffic Sign with Post, Foundation and Hardware	EA	24		
34	02762	Blast Cleaning For Exist pav Mrk Removal (4")	LF	500		
35	02762	Blast Cleaning For Exist pav Mrk Removal (24")	LF	150		
36	02762	Remove Raised Pavement Markers	LS	1		
37	02764	Raised Pavement Markers (DBL Refelectorized)(Blue)	EA	6		
38	02764	Raised Pavement Markers (Type II A-A)	EA	211		
39	02764	Temporary Raised Pavement Markers (All types)	EA	150		
40	TxDOT Spec-Series 662-6063	WK ZN PAV MARK REMOV (W) 4" (SLD)	LF	300		
41	TxDOT Spec-Series 662-6063	WK ZN PAV MARK REMOV (Y) 4" (SLD)	LF	300		
42	02767	Thermoplastic Pavement Marking 4-Inch Wide Yellow (SLD)	LF	300		
43	02767	Thermoplastic Pavement Marking 4-Inch Wide White (SLD)	LF	7890		
44	02767	Thermoplastic Pavement Marking 12-Inch Wide White (SLD)	LF	630		
45	02767	Thermoplastic Pavement Marking 24-Inch Wide White (SLD)	LF	115		
<u>TOTAL SIGNING & PAVEMENT MARKINGS ITEMS</u>						\$

B7. UNIT PRICE - ILLUMINATION						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price	Total in Figures
46	16710	Install Type "A" Pull Box with Gravel	EA	8		
47	16711	Furnish & Install 2" PVC Sch 80 Underground Street Light conduit	LF	3700		
<u>TOTAL ILLUMINATION ITEMS</u>						\$

C. EXTRA UNIT PRICE TABLE:

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantities	Unit Price (this column controls)	Total in figures
48	01578	Ground Water Control for Open-cut Construction	LF	166		
					\$25.00 ⁽²⁾	\$4,150.00 ⁽²⁾
49	02318	Excavation Around Obstructions	CY	200		
					\$10.00 ⁽²⁾	\$2,000.00 ⁽²⁾
50	02318	Extra Hand Excavation	CY	300		
					\$10.00 ⁽²⁾	\$3,000.00 ⁽²⁾
51	02318	Extra Placement of Backfill Material	CY	300		
					\$25.00 ⁽²⁾	\$7,500.00 ⁽²⁾
<u>TOTAL EXTRA UNIT ITEMS</u>						\$16,650.00

D. CASH ALLOWANCE TABLE:

Item No.	Spec Ref.	Cash Allowance Short Title	Cash Allowance in figures (1)
52	01110	Lane Closure Permit Fee	\$ 2,000.00
53	01110	Street Cut Permit Fee	\$ 12,000.00
54	01110	Center Point Energy - Illumination	\$ 38,878.00
<u>TOTAL CASH ALLOWANCE ITEMS</u>			\$ 52,878.00

E. ALTERNATE TABLE:

Item No.	Spec Ref.	Alternate Short Title	Unit of Measure	Estimated Quantities	Unit Price (this column controls)	Total in alternate in figures
		N/A				
<u>TOTAL ALTERNATES</u>						\$

F. TOTAL BID PRICE:

(Add Totals for Stipulated Price, Base Unit Price, Extra Unit Price, Cash Allowance and All Alternates if any)

\$ _____

2.0 SIGNATURES: By signing this Document, I agree that I have received and reviewed all Addenda

Bidder: _____
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.)*

**By: _____
Signature Date

Name: _____
(Print or type name) Title

Address: _____
(Mailing)

(Street, if different)

Telephone and Fax Number: _____
(Print or type numbers)

* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.

** Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

Note: This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.

Footnotes for Tables B through E:

- (1) Fixed Unit Price determined prior to Bid. Cannot be adjusted by the Bidder.
- (2) Minimum Bid Price determined prior to Bid. Can be increased by the Bidder by crossing out the Minimum and noting revised price on the line above.
- (3) Maximum Bid Price determined prior to Bid. Can be decreased by the Bidder, but not increased, by crossing out the Maximum and inserting revised price on the line above, A Bid that increases the Maximum Bid Price may be found non-conforming and non-responsive. Cannot be increased by the Bidder.
- (4) Fixed Range Bid Price determined prior to Bid. Unit Price can be adjusted by Bidder to any amount within the range defined by crossing out prices noted and noting revised price on the line above.

Document 00430
BIDDER'S BOND

THAT WE, _____, as Principal,
(Bidder)
("Bidder"), and the other subscriber hereto, _____, as Surety, do hereby
acknowledge ourselves to be held and firmly bound to the City of Houston, a municipal corporation, in the sum
of _____ Dollars (\$_____) (an amount
equal to 10 percent of the Total Bid Price, including Cash Allowances and Alternates, if any, for the payment of
which sum, well and truly to be made to the City of Houston and its successors, the Bidder and Surety do bind
themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

WHEREAS, the Bidder has submitted on or about this day a proposal offering to perform the following:

(Project Name, Location and Number)
in accordance with the Drawings, Specifications, and terms and conditions related thereto to which reference is
hereby made.

NOW, THEREFORE, if the Bidder's offer as stated in the Document 00410 – Bid Form is accepted by the
City, and the Bidder executes and returns to the City Document 00520 – Agreement, required by the City, on
the forms prepared by the City, for the Work and also executes and returns the same number of the
Performance, Payment and Maintenance Bonds (such bonds to be executed by a Corporate Surety authorized
by the State Board of Insurance to conduct insurance business in the State of Texas, and having an
underwriting limitation in at least the amount of the bond) and other submittals as required by Document 00495
- Post-Bid Procedures, in connection with the Work, within the Contract Time, then this obligation shall become
null and void; otherwise it is to remain in full force and effect.

If Bidder is unable to or fails to perform the obligations undertaken herein, the undersigned Bidder and
Surety shall be liable to the City for the full amount of this obligation which is hereby acknowledged as the
amount of damages which will be suffered by the City on account of the failure of such Bidder to perform such
obligations, the actual amount of such damages being difficult to ascertain.

Notices required or permitted hereunder shall be in writing and shall be deemed delivered when actually
received or, if earlier, on the third day following deposit in a United States Postal Service post office or
receptacle, with proper postage affixed (certified mail, return receipt requested), addressed to the respective
other Party at the address prescribed in the Contract documents, or at such other address as the receiving
Party may hereafter prescribe by written notice to the sending Party.

IN WITNESS THEREOF, the Bidder and Surety have signed and sealed this instrument on the respective
dates written below their signatures and have attached current Power of Attorney.

ATTEST, SEAL: (if a corporation)
WITNESS: (if not a corporation)

By: _____
Name:
Title:

ATTEST/SURETY WITNESS: (SEAL)

(Name of Bidder)

By: _____
Name:
Title:
Date:

(Full Name of Surety)

(Address of Surety for Notice)

(Telephone Number of Surety)

By: _____
Name:
Title:
Date:

By: _____
Name:
Title:
Date:

END OF DOCUMENT

Section 01110

SUMMARY OF WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Summary of the Work including work by the City, City-furnished Products, work sequence, future work, Contractor use of Premises, special conditions for substantial completion and City occupancy.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

A. Purpose

- a. Work of the Contract is for the reconstruction of two streets (Park Manor Street and Surrey Square Street) in Houston Texas to include concrete curb, and concrete pavement replacement, inlet adjusting and limited driveway, sidewalk and storm sewer reconstruction. The purpose of the project is to replace the roadway pavement benefiting Houston's residential communities.
- b. The project areas are located inside the City of Houston limits. Park Manor Street project limits are from McHard Road to Raven Ridge Drive and the project is located in southwest Houston. Surrey Square Street's project limits are from Winkler Drive to Cripple Creek Drive and the project is located in southeast Houston.
- c. Construction of concrete curb and pavement replacement, limited driveway, sidewalk, and storm sewer reconstruction, and inlet and manhole grade adjustment for Surrey Square Street begins at Winkler Drive and ends at Cripple Creek Drive; for Park Manor Street, it begins at McHard Road and ends at Raven Ridge Drive.

i. Storm Sewer

- 1. For Park Manor St and Surrey Square St, the existing inlets and manholes within the project limits will be adjusted to match the proposed grade. The existing flow lines will be maintained.
- 2. The construction activities will be such as to ensure proper drainage of the project area for the duration of the project.
- 3. For Park Manor St and Surrey Square St, no existing manholes or inlets will be removed or replaced. Limited storm sewer pipes will be replaced maintaining same flowlines and slopes.
- 4. No new manholes or inlets are proposed

ii. Waste Water

- 1. Construction of waste water facilities are not in the scope of this project. However, adjusting of manhole covers is anticipated.

SUMMARY OF WORK

iii. Water

1. Construction of water facilities are not in the scope of this project. However, adjusting of manhole covers is anticipated.

iv. Paving, Sidewalks and Driveways

1. Construction of new pavement is comprised of various pavement structures including 9" reinforced concrete pavement with 8" lime stabilized subgrade; 10" reinforced concrete pavement with 8" lime stabilized subgrade as shown on the Typical Sections, Paving Plan and elsewhere in the construction drawings.
2. Construct 6" concrete curb as shown in the Construction Drawings.
3. Remove and dispose of existing asphalt and concrete pavement, overlays, and curbs by methods that will not damage underground utilities. No separate payment shall be made for saw cutting of pavement and curbs.
4. Remove and replace permanent signs and pavement markings in accordance with the Construction Drawings and Specifications. Deliver existing signs to the City of Houston as required by Specification 01554 and shall be incidental to the pertinent pay items.
5. Saw cut and remove existing driveways to the rights-of-way or to the driveway offsets as shown in the Construction Drawings and replace them with new concrete driveways. No separate payment shall be made for saw cutting driveways.
6. Driveway elevations in the Construction Drawings represent the elevation of the driveway at the tie in points. New driveways will meet the City of Houston Infrastructure Design Manual's driveway width criteria and elevations at the tie-in point whether it be at the ROW line or the driveway offset location. Refer to Driveway Schedule and Details Sheets in the Construction Drawings for additional information.
7. Maintain local driveway access to residential and commercial properties adjacent to work areas. Provide temporary driveway access to driveways in accordance with Section 01555 – Traffic Control Regulation and Section 01145 – Use of Premises. Coordinate work with affected business owners, school, and adjacent residents.
8. Remove existing sidewalks and ramps as shown in the Construction Drawings and as damaged during construction. Construct new sidewalks and ramps as shown in the Construction Drawings that are compliant with the latest Americans with Disabilities Act (ADA) and the Texas Accessibility Standards (TAS). City of Houston standard drawings are to be used as general guides only. Where they differ from TAS guidelines on slope, clearance, and spacing, the TAS guidelines are to be followed in construction.
10. Pedestrian access and protection must be provided and maintained throughout construction.
11. Sod all earthen disturbed areas. The pay limits for sod do not extend outside the rights-of-way. Disturbed areas outside the rights-of-way must also be sodded, but will not be paid for separately and are considered incidental to the cost of the sodding within the rights-of-way.

v. Trash and Debris Removal within ROW

1. The Contractor is responsible to clear the ROW and legally dispose of trash and debris during prosecution of the work. Removal of trash and debris from the project site will be paid for by item No 01576 Waste Material and Disposal
- B. The Contractor is required to inform all parties (residents, HPD, HFD, HISD, METRO, U.S. Postal Service, etc.) impacted by the planned construction, with a construction memo notice and related traffic control planning information, a minimum of 48 hours prior to any planned construction activity and as otherwise directed by the City. There may be some locations within the project area that may require local street detours to facilitate construction of streets from right-of-way to right-of-way that have not been addressed in the plans.
- C. Construction Phasing
- a. All two roadways (Park Manor St, and Surrey Square St) will be constructed in the same manner.
 - b. Install all advance warning signs, TCP and SWPPP devices as applicable. Reconstruct one half of the 2-lane roadway as shown in Construction Plans - TCP 1, however, only intersection to intersection will be constructed at one time, before moving on to the next segment. Allow one-way traffic on the other half. Detour affected pass-through traffic as shown in Construction Plans - "Typical Detour Plan."
 - c. Reconstruct the other half of the 2-lane roadway as shown in Construction Plans -TCP 2. Allow one-way traffic on the rebuilt roadway segment. Detour affected pass-through traffic as shown in Construction Plans - "Typical Detour Plan."
 - d. Construct T-intersections (where 2-lane cross streets intersect the 2-lane main street) in segments as shown in Construction Plans - TCPs 3, 4 and 5. TCP 3 can be eliminated if conditions allow for this segment to be built during TCP 1 or TCP 2. Construct 4-legged intersections (where 2-lane cross streets intersect the 2-lane main street) as shown in Construction Plans - TCPs 6, 7, 8 and 9. Construct T-intersections at the Begin and End of project limits as shown in Construction Plans - TCPs 10 and 11. Construct 4-legged intersections (where 4-lane cross streets intersect the 2-lane main street) as shown in Construction Plans - TCPs 12, 13, 14 and 15.
 - e. No two adjacent streets to be constructed/closed at the same time. No two adjacent intersections constructed/closed at the same time. Driveways to be constructed half width at a time and access to driveways to be maintained at all times. Construction at intersections will be accomplished during off-peak and weekend time periods.
 - f. The Contractor is required to sequence construction as shown in the Construction Drawings unless the Contractor takes it upon himself to develop alternate phasing plans. These plans must be pre-approved by the City of Houston and signed by a professional engineer licensed in the State of Texas prior to construction. There will be no additional pay for changes to the traffic control plans, phasing plans, or detour plans.
 - g. Phasing of construction shall be done to minimize disruption of utility services.

E. Existing Landscaping Features

- a. Private existing landscaping features including, but not limited to, private fences and gates, conduits, irrigation facilities (including spray and rotary heads and related piping and wiring), and/or other facilities may be present between back-of-curb and the right-of-way lines. Contractor shall coordinate with the property owner as to the location and operation of these facilities a minimum of 72-hours prior to construction. Contractor shall use caution while working in proximity of these facilities so as to avoid impacts. Repair or replacement necessitated by construction activities will be the Contractor's responsibility at no cost to the City of Houston.
- b. The Contractor must restore existing irrigation systems (including spray and rotary heads and related piping) within the right-of-way, made inoperable by construction activities, to a condition equal to or better than prior to initiating construction. There will be no separate pay item for this restoration; the costs are incidental to the pertinent pay items. Verify operation of the irrigation system with the property owner prior to construction. The installation of temporary mailboxes and the removal, relocation, reinstallation and/or replacement of existing mailboxes are incidental to pertinent pay items.
- c. The Contractor is required to preserve and protect all of the existing private fences within the project area including private fences and related appurtenances located within public ROW, during all construction activities for this project. All private fence damage made by the Contractor is to be repaired and/or replaced to existing or better condition as indicated in the pre-construction photographs and final approval and acceptance made by the City of Houston Construction Project Manager. The costs related to this preservation and protection directive are at no cost to the City of Houston.
- e. The Contractor is required to preserve and protect all of the existing private car port structures within the project area, during all construction activities for this project. All private car ports and car port structure damage made by the Contractor is to be repaired and/or replaced to existing or better condition as indicated by pre-construction photographs and final approval and acceptance made by the City of Houston Construction Project Manager. The costs related to this preservation and protection directive are at no cost to the City of Houston.

F. Environmental

- a. The Contractor is required to inform the City of Houston Construction Project Manager within 24 hours if actual Potentially Petroleum Contaminated Area (PPCA) soil and water contaminants are identified during construction activities being performed by the Contractor.
- b. This project is not considered a Large Construction Activity (5 or more acres disturbed) as defined in the City of Houston Standard General Requirement, Section 01410 – TPDES Requirements (with Attachments) which requires documentation that is prepared and signed by the Contractor before conducting construction operations, in accordance with the Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit Number TXR 150000 issued March 5, 2013 (the Construction General Permit).

G. Utilities

- a. The existing private utilities within this project area include: CenterPoint Energy – Gas, CenterPoint Energy – Electric, CenterPoint Energy – Street Light Conduit; Comcast, Zayo Communications, Kinder Morgan, AT&T and SW Bell Telephone. Other Utilities may exist that were installed after survey and plan completion of the herein referenced project.

- b. All existing utilities are shown in an approximate location only; the Contractor should verify the location and depth prior to construction.

H. Tree Protection

- a. Contractor is responsible for obtaining all tree removal permits prior to any tree removals that are not included in the Tree Preservation and Tree Planting Plans that are components of the construction documents for this project. The permit can be obtained by contacting the City of Houston Urban Forester, Dale Temple, at 832-395-8459. Mr. Temple shall be notified at least two weeks in advance of clearing, cutting, or pruning of any tree. Tree pruning of roots and canopies is included in the contract, as well as temporary fencing, mulching, and watering. Any trees damaged by the work shall be replaced by the Contractor at the Contractor's expense.
- b. Trees in the Tree Protection Plans designated to be removed due to sidewalk or paving construction shall be evaluated by the Contractor's urban forester during construction. Those trees deemed to be unaffected by the sidewalk construction shall remain in place and scheduled tree planting shall be adjusted accordingly.
- c. The installation of tree root protection steel checker plates shall be coordinated with the City of Houston during construction.

- I. Geotechnical Investigation/Categorical Exclusion for Soil Conditions
 - a. Bidder(s) must evaluate in its entirety and take into account the soil conditions for the successful implementation of the work as per the Geotechnical Report. The Compact Discs (CD) of the Geotechnical provided with the bid documents.

- J. Field Office
 - a. 2 field offices are required for this project.
 - b. The field office and project identification signs will be considered incidental to mobilization.

- K. General Notes
 - a. The flow lines and locations of all underground utilities must be located by the Contractor prior to construction. All field verification work shall be completed prior to excavation for proposed utilities. No separate pay; include cost in unit price for work in appropriate sections.
 - b. The Contractor shall note that all required saw cutting is incidental to the various bid items within the Document 00410 – Bid Form (Parts A & B).

1.03 CASH ALLOWANCES

- A. Include the following specific Cash Allowances in Contract Price under provision of General Conditions Paragraph 3.11:
 - a. Lane Closure Permit Fee \$ 2,000.00
 - b. Street Cut Permit \$ 12,000.00
 - c. Center Point Energy – Illumination \$ 38,878.00

1.04 ALTERNATES

- A. None.

1.05 CITY-FURNISHED PRODUCTS

- A. None.

1.06 WORK SEQUENCE

- A. Construct the Work according to the work sequence phases provided in the Construction Drawings. Coordinate construction schedule and operations with the City of Houston Construction Project Manager. Refer to Document 01325 – Construction Schedule for specific details.
- B. In absence of construction phases, Contractor to submit sequence of construction work for review and approval by City of Houston Construction Project Manager before commencing construction.
- C. Coordination of the Work: Refer to Section 01312 - Coordination and Meetings.
 - a. The Contractor shall coordinate all work with the City Construction Project Manager:
 - b. Contractor shall coordinate ahead of time with business owners, school and residents for installation of proposed utilities, proposed pavement, proposed driveways and all other planned improvements that are components of this project in encroached areas of the public right-of-way. No separate pay.

1.07 CONTRACTOR USE OF PREMISES

- A. Comply with procedures for access to the site and Contractor's use of rights-of-way as specified in Section 01145 – Use of Premises. Construction Operations: Limited to the City's rights-of-way provided by the City and areas shown or described in the Contract documents.
- B. Utility Outages and Shutdown: Provide a minimum of 48 hours notice to the City and private utility companies (when applicable), excluding weekends and holidays, in advance of required utility shutdown. Coordinate all work as required.
- C. Private Utility Relocations: Pursuant to Section 40-395 of the City of Houston (City) Utility Relocation Ordinance Program (URO), the following private utilities were identified and scheduled for relocation within the scope of the project limits. Based upon the relocation schedules provided by the utility owners, the City anticipates these relocations to be completed by the dates listed below, and unless otherwise stated, clearance of these potential obstructions will be performed by their respective owners.

The following is a description of the private utilities identified for relocation within the project limits:

No, STREET, & STATION	OFFSET	EXIST. FACILITY	PROP. FACILITY	DESCRIPTION	COMMENT
Utility Owner: AT&T					
1) Park Manor St,0+30 (south side of FM 2234)	Running parallel to FM 2234, along the south side	AT&T 2-4" 'C' PVC	Pavement & Subgrade	No Conflict	All Clear
2) Park Manor St,0+28 (south side of FM 2234)	Running parallel to FM 2234, along the south side	Underground Cable	Pavement & Subgrade	No Conflict	All Clear

*Roadway Pavement Replacement Project
Park Manor St, and Surrey Square St
WBS No. N-321039-001B-4*

SUMMARY OF WORK

No, STREET, & STATION	OFFSET	EXIST. FACILITY	PROP. FACILITY	DESCRIPTION	COMMENT
Utility Owner: CenterPoint Electric					
3) Park Manor St, 7+65	CROSSING	Underground Residential Distribution Cable	Pavement & Subgrade	No Conflict	(3' – 4' Cover)
4) Park Manor St, 10+10	CROSSING	Underground Residential Distribution Cable	Pavement & Subgrade	No Conflict	(3' – 4' Cover)
5) Park Manor St, 13+40	CROSSING	Underground Residential Distribution Cable	Pavement & Subgrade	No Conflict	(3' – 4' Cover)
6) Park Manor St, 16+15	CROSSING	Underground Residential Distribution Cable	Pavement & Subgrade	No Conflict	(3' – 4' Cover)
Utility Owner: CenterPoint Gas					
7) Park Manor St, 1+18.40	23.76' RT CROSSING	6" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(6.5' Cover)
8) Park Manor St, 1+21.15	20.05' LT CROSSING	6" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(5.5' Cover)
8a) Park Manor St, 0+25 LT to 1+20 LT	CROSSING FM 2234	6" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	Outside Project Limit
Utility Owner: AT&T					
9) Surrey Square St, 1+09	CROSSING	AT&T Underground Duct (12 - Multiple Conduit Duct)	Pavement & Subgrade	No Conflict	All Clear
Utility Owner: CenterPoint Gas					
10) Surrey Square St, 1+49.11	CROSSING	6" IP STL GAS MAIN	Pavement & Subgrade	No Conflict	Outside Pavement Limits
10A) Surrey Square St, 4+63.07	27.44' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(3.2' Cover)
11) Surrey Square St, 7+86.68	26.91' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(3.0' Cover)
12) Surrey Square St, 8+56.66	28.59' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(2.75' Cover)
13) Surrey Square St, 12+78.13	27.66' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(2.9' Cover)
14) Surrey Square St, 14+57.06	28.02' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(4.2' Cover)
15) Surrey Square St, 15+77.31	27.41' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(3.3' Cover)

No, STREET, & STATION	OFFSET	EXIST. FACILITY	PROP. FACILITY	DESCRIPTION	COMMENT
16) Surrey Square St, 18+88.14	27.97' RT	2" IP PLA GAS MAIN	Pavement & Subgrade	No Conflict	(3.0' Cover)
Utility Owner: Comcast					
17) Surrey Square St, 8+00	CROSSING	Underground Cable	Pavement & Subgrade	No Conflict	Add caution notation on plan set
18) Surrey Square St, 8+00 to 8+60	36' RT CROSSING TIMBERCRE EK DR	Underground Cable	Pavement & Subgrade	No Conflict	Add caution notation on plan set
18a) Surrey Square St, 19+38.13	CROSSING	Underground Cable	Pavement & Subgrade	No Conflict	Add caution notation on plan set
Utility Owner: Kinder Morgan					
19) Surrey Square St, 1+50	CROSSING	6" High Pressure Copano NGL Pipeline	Pavement & Subgrade	No Conflict	6" Pipeline (24" Cover) outside pavement replacement limits
Utility Owner: Zayo Communications					
20) Surrey Square St, 1+50	CROSSING	Underground Cable	Pavement & Subgrade	No Conflict	All Clear
Utility Owner: CenterPoint Electric Overhead Power Lines					
21) Surrey Square St, 1+50 to 8+00 (LT)	PARALLEL	Overhead	Pavement & Subgrade	No Conflict	All Clear
22) Surrey Square St, 2+80	CROSSING	Overhead	Pavement & Subgrade	No Conflict	All Clear
23) Surrey Square St, 5+12	CROSSING	Overhead	Pavement & Subgrade	No Conflict	All Clear
24) Surrey Square St, 13+86	CROSSING	Overhead	Pavement & Subgrade	No Conflict	All Clear
25) Surrey Square St, 16+04	CROSSING	Overhead	Pavement & Subgrade	No Conflict	All Clear
26) Surrey Square St, 17+75	CROSSING	Overhead	Pavement & Subgrade	No Conflict	All Clear
27) Surrey Square St, 19+46	CROSSING	Overhead	Pavement & Subgrade	No Conflict	All Clear
28) Surrey Square St, 13+81 TO 19+47 (LT)	PARALLEL	Overhead	Pavement & Subgrade	No Conflict	All Clear

1.08 STREET CUT ORDINANCE

- A. Excavations on or under pavement in the City's right-of-way must have a permit. Comply with City of Houston, Texas Ordinance No. 2000-1115, an ordinance amending Chapter 40 of the Code of Ordinances, Houston, Texas, relating to excavating in the Public right-of-way and comply with amendments provided by Texas Ordinance No. 2006-0595.
- B. Comply with the latest edition of street cut New Pavement Repair and Pavement Replacement details.
- C. Quantities are included for street cut pavement repair and replacement in applicable Specification sections for Unit Price contracts.
- D. Include payment for street cut pavement repair and replacement in lump sum bid for Stipulated Price contracts.

1.09 WARRANTY

- A. Comply with warranty requirements in accordance with Document 00700 – General Conditions and Document 00800 – Supplementary Conditions.

1.10 ADDITIONAL CONDITIONS FOR SUBSTANTIAL COMPLETION

- A. In addition to requirements outlined in Document 00700 – General Conditions, for Contractor to be substantially complete with the Work and call for inspection by Project Manager to confirm, the following conditions must be met or completed:
 - a. All testing shall be completed and accepted by City Construction Project Manager.
 - b. All safety related work including pavement striping, and signing.
 - c. All pay items complete report.
 - d. Contractor shall contact Construction Project Manager to complete Texas Department of Licensing and Regulation Post Construction Inspection of pedestrian elements for Texas Accessibility Standards.
- B. No additional condition described in Paragraph 1.10 may be included in Contractor's punch list.

PART 2 P R O D U C T S – Not Used

PART 3 E X E C U T I O N – Not Used

END OF SECTION