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## Introduction

ReBuild Houston is a voter initiated and voter approved, Pay-As-You-Go long-term program to address our street and drainage infrastructure needs in a systematic, prioritized and objective manner. ReBuild Houston is a subset of the City's legacy 5-Year Capital Improvement Program (CIP) specific to streets and drainage and at the same time is an extension of the CIP providing a 10-year planning process for our street and drainage system. This landmark initiative allows the City to pro-actively mitigate the continued degradation of said infrastructure and focus on the areas of highest need, or "worst first". Houstonians have spoken. The Mayor, City Council and the Public Works & Engineering (PWE) Department are responding.

This document's purpose is to provide:

- 1) Background on an ordinance-mandated requirement to produce "a proposed ten-year plan identifying drainage and street improvements recommended for construction with funding collected by the city" utilizing the four sources of funding identified in the Charter Amendment approved by voters on November 2, 2010 (Proposition One) and
- 2) A Ten-year Plan for FY 2013- 2022.

## Implementation Steps of Charter Amendment (Article IX, Section 22)

In September 2010, prior to the November 2, 2010 election, Mayor Annise Parker proposed principles that her administration would use to implement Proposition One if approved by the voters. The highlights of these principals are as follows:

- Current 5-year CIP will be used until a comprehensive street and drainage needs re-assessment is complete
- Needs assessment for streets:
  - Based on technical evaluation
  - Utilization of Pavement Condition Report
- Needs assessment for drainage:
  - Based on technical evaluation
  - Utilization of the City's Comprehensive Drainage Plan
  - Plan to be updated using the Storm Water Enhanced Evaluation Tool (SWEET)
- Oversight Committee will advise on priorities and process

In conjunction with those principals, an *Implementation Discussion Guide* dated December 22, 2010 was published and posted on the ReBuild Houston website. Since the unveiling of the principles by the Mayor, each one has been adhered to in a successful start-up of the program with the launch of the first ten-year plan for street and drainage improvements. The first draft was unveiled during the City's annual CIP District Town Hall meetings in February and March of 2012. The details of the "5+5 Plan" are a separable document to this overview report and are attached as an appendix.

## **Charter Amendment, Ordinance, Resolution & Procedure**

### Charter Amendment & Ordinance No. 2011-254

As a direct result of Proposition One being approved by the voters on November 2, 2010, the City Charter was amended as Article IX, Section 22. On November 15, 2010, City Council created the Municipal Drainage Utility System establishing the Dedicated Drainage & Street Renewal Fund (DDSRF) which serves as the funding mechanism for ReBuild Houston. City Council approved Ordinance No. 2011-254 on April 6, 2011. Section 47-861 of said ordinance calls for a “proposed ten-year plan”.

The draft 10-year plan (“5+5 Plan”) is in accordance with the Mayor’s principles and processes laid out for implementation in September 2010 as well as the above referenced ordinance.

**The detail of the first draft plan was posted and made available for public comment on the City’s website in February 2012 and was also displayed at each of the twelve District CIP Town Hall meetings held in February and March 2012.**

As a direct result of official comments made through the 3-1-1 system and during the public meetings, the new information was geo-coded and placed into the city-wide data base. The SWEET tool computer model was re-run for the “need areas” as described in the “+ 5 Plan” and revisions were posted in a revised 10-year plan dated April 9, 2012.

### Resolution No. 83-91 & Administrative Procedure 4-5

ReBuild Houston is a new initiative and is like no other program in the State of Texas. Texas cities typically have a five-year Capital Improvement Program (CIP) for project delivery and Houston is consistent with that practice. In 1983, City Council resolved (Resolution 83-91) that the City of Houston develop and annually revise a CIP, requiring a systematic planning, financial and management process in order to be efficient and effective. Subsequently, the Mayor published the Administrative Procedure 4-5 (formerly Administrative Procedure 2-7) establishing a continuous CIP.

However, ReBuild Houston builds upon, enhances and improves that standard operating process with respect to street and drainage improvements. Ordinance 2011-254 mandates the City to establish guidelines and principals by which future projects in a ten-year planning horizon are to be selected. This process utilizes new tools, technologies and city-wide data bases to help objectively determine the highest need areas of the City. This need assessment and prioritization ultimately leads to the identification and definition of candidate projects in years 6 through 10 of the ten-year plan. As a result, the candidate projects compete on a benefit/cost basis prior to ever being placed in the five-year program for CIP delivery.

## **Methodology:** *PWE's Draft CIP Process Manual*

As referenced above, the CIP process is well established as illustrated by the tradition of annual District CIP Town Hall meetings. However, Proposition One brought a heightened focus on transparency in identification and prioritization of needs, and the development of specific projects to address those needs contained within a 10-year planning horizon. PWE's concerted effort for transparency is exemplified in the publication on the City's website of the first draft of the *Capital Improvement Program Process Manual* in January 2011. The draft *CIP Process Manual* continues to be improved to reflect SWEET model refinements, staff recommendations and advice of the Oversight Committee on important parameters such as:

- Funding allocation by infrastructure categories and
- Weighting for each component within each category as utilized in the SWEET model.

The Draft CIP Process Manual describes how the first five years of this plan (years 1 through 5) conforms to the current project-specific CIP plan for the delivery of projects. The second five years (years 6 – 10) presents prioritized need areas where solutions for these defined problems or infrastructure deficiencies are developed into Candidate Projects. These Candidate Projects are annually compared and prioritized citywide in subsequent years based on specific criteria outlined in this document for funding in future CIP's (years 1 to 5).

The draft *CIP Process Manual* used by PWE is a document that provides objective structure and allows for continued improvement of a 10-year planning process that is unprecedented in its utilization of computer modeling and available city-wide data. On February 7, 2012, the ReBuild Houston Oversight Committee approved a motion to accept the January 18, 2012 *CIP Process Manual* (Version 2.0). A second motion was approved for the delivery of a definition/criteria/methodology in determining cost and benefit of projects. Version 3.0 of the *CIP Process Manual* published on July 18, 2012 responds to the Oversight Committee's motion by better describing candidate project selection based on benefit/cost or cost-effectiveness before it goes into the 5-year CIP for program delivery. The *CIP Process Manual*, Version 3.0, can be found on the ReBuild Houston website at [http://www.rebuildhouston.org/downloads/cip\\_process\\_manual\\_2012\\_07\\_18\\_version\\_3.pdf](http://www.rebuildhouston.org/downloads/cip_process_manual_2012_07_18_version_3.pdf)

## **Executive Summary**

ReBuild Houston is a Pay-As-You-Go program isolated only to the street and drainage components of the City's 5-year CIP Program. At the same time, ReBuild Houston is an extension of the 5-Year CIP requiring "principals and guidelines by which future drainage projects shall be selected" for "a ten-year plan identifying drainage and street improvements". The first draft of the 10-year Plan (FY 2013 – 2022) for street and drainage improvements was open for public comment for nearly two months. The latest edition includes public comment and is reported in accordance with the charter amendment, ordinance, resolution and administrative procedure.

## Oversight Committee Members

The Public Works & Engineering Department expresses its sincere appreciation to each of the members of the ReBuild Houston Oversight Committee for their dedication of public service in helping to advise on this unprecedented document. ReBuild Houston is a landmark initiative that has required the orchestration of talent, resources and dedication by so many - including this committee comprised of volunteers. This program is a detailed tapestry of processes that was initiated by the voters and has been successfully implemented and staged for continuous improvement. The learning curve required by each of these members has been quick and steep. They have persevered and succeeded.

Recognition of contributions by the Oversight Committee listed below include, but are not limited to, advising PWE of changes now reflected in the draft *CIP Process Manual* as well as other processes/tasks.

- Weighting Prioritization Factors
- Funding Allocations by Component
- Consolidation of street and underpass flooding
- Benefit/Cost criteria
- Regular reporting of Drainage Utility and the Dedicated Drainage & Street Renewal Fund
- Communication Concepts
- Participation in individual District CIP Town Hall Meetings

Members of the Oversight Committee include:

- Frances Castaneda Dyess
- Dwight Boykins
- Edward Taravella
- C.P. 'Chip' Bryan
- Bert Keller
- Gilbert Herrera
- Theldon R. Branch, III, Chair
- Ann Lents
- Jeff Ross
- Oliver Pennington, Ex-officio

**Appendix** to the report above is attached as follows:

ReBuild Houston “5 + 5 Plan” (FY 2013 – 2022)

- A. C.I.P “5 Plan” (FY 2013 - 2017)
- B. Identified Need Areas “+5 Plan” (FY 2018 – 2022)



## **“5 + 5 Plan” (FY 2013 – 2022)**

### **C.I.P. “5 Plan” (FY 2013- 2017)**

- A. Storm Drainage
  - Form D - Summary of Funding Sources
  - Form C - Summary of Funds
  - Form A - Project details
  
- B. Street & Traffic
  - Form D - Summary of Funding Sources
  - Form C - Summary of Funds
  - Form A - Project details

### **Identified Need Areas “+5 Plan” (FY 2018 – 2022)**

- A. Storm Drainage Needs
- B. Major Road Needs
- C. Local Street Needs