



“5+5 Plan” (FY 2014-2023)

Street and Drainage Improvements

July 30, 2013

This report contains:

- Overview of ReBuild Houston
- Appendix: “5+5 Plan” (FY 2014-2023)

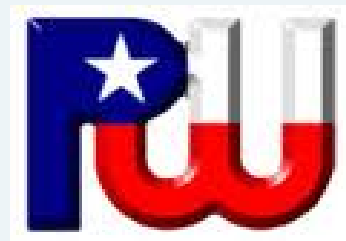


Table of Contents

Overview of ReBuild Houston

- I. Introduction
- II. Implementation Steps of Charter Amendment
- III. Charter Amendment, Ordinance, Resolution & Procedure
 - A. Charter Amendment, Article IX, Section 22
 - B. Ordinance No. 2011-254
 - C. Resolution No. 83-91
 - D. Administrative Procedure 4-5
- IV. Methodology: PWE's Draft *CIP Process Manual* and Executive Summary
- V. Advisory Committee Members
- VI. Appendix: ReBuild Houston "5 + 5 Plan" (FY 2014 – 2023)

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 our 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 2014- 2023.

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 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)
- Advisory 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 in 2012. The first ten-year plan was unveiled during the City's annual CIP District Town Hall meetings in February and March of 2012. The next ten-year plan, known as the FY 2014 – 2023 "5+5 Plan", is a list of documents to this overview report which 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, 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 10-year plan, also known as the “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 term “5+5 Plan” is derived from:

- The first 5 years (years 1 through 5) of the 10-year plan that is known as the 5-year Capital Improvement Program (CIP).
- The second 5 years (years 6 through 10), or “+5 Plan”, is a planning tool that identifies the highest need areas with a process in place for a cost-effective, defined project to graduate into the 5-year CIP. As a result, this “+5 Plan” allows for a much more detailed and objective planning process that complements the City’s established 5-year CIP.

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

ReBuild Houston is an initiative 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 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 defined candidate projects then compete on a benefit/cost project prioritization scoring process. The highest scoring candidate projects are then recommended for programming into the next 5-year Capital Improvement Program.

Methodology: *PWE's 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 *CIP Process Manual* continues to be improved to reflect SWEET model refinements, staff recommendations and advice of the Advisory Committee.

The *CIP Process Manual* describes how the first five years of this plan conform to the current project-specific CIP plan for the delivery of projects. The second five years ("5 Plan") 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 city-wide in subsequent years based on specific criteria outlined in this document for funding in future CIP's (years 1 to 5).

The *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 comprehensive data and computer modeling. On February 7, 2012, the ReBuild Houston Advisory 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 Advisory 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

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 draft of the next 10-year Plan (FY 2014 – 2023) for street and drainage improvements is/was open for public input for nearly two months. The latest edition is reported in accordance with the charter amendment, ordinance, resolution and administrative procedure.

Advisory Committee Members

The Public Works & Engineering Department expresses its sincere appreciation to each of the members of the ReBuild Houston Advisory 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 Advisory Committee listed below include, but are not limited to, advising PWE of changes now reflected in the *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

Current members of the Advisory Committee include (by position):

- Oliver Pennington, Ex-officio
- Frances Castaneda Dyess
- Kathryn Cooper Easterly
- Edward Taravella
- Vernita Harris
- Bert Keller
- Gilbert Herrera
- Jeri Brooks
- Patrick Walsh
- Jeff Ross

Appendix to the report above is attached as follows:

ReBuild Houston "5 + 5 Plan" (FY 2014 – 2023)

- A. C.I.P "5 Plan" (FY 2014 - 2018)
- B. Identified Need Areas "+5 Plan" (FY 2019 – 2023)



“5 + 5 Plan” (FY 2014 – 2023)

C.I.P. “5 Plan” (FY 2014- 2018)

- 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 2019 – 2023)

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

