



#### IN THE SPOTLIGHT

##### Roadway Improvement Projects - Package #3

The design and construction Package #3 is a grouping of similar Roadway CIP projects comprised of street improvements ranging from extensive crack repair and slurry seals all the way to mill and overlays. As with Package #1, the mill and overlay projects will include point base repair, localized leveling, and some curb replacement. As is shown in orange on the map below, portions or all of the following streets will be improved as part of Package #3:

- Windcrest Dr at Windsong
- Crosswind Dr (Fourwinds to Galewind)
- Fenwick Dr.
- Candleglo (Midcrown to Golfcrest)
- Winfield Blvd / Winfield Cir
- Waxwing Cir
- Waxwing Dr
- Fawndale Ln. (west end to Parkcrest)

The following activities have occurred or are anticipated for Package #3:

- **The procurement process for the Roadway Contractor is expected to be complete by Early October 2015, with Construction anticipated to begin by mid- to late-October 2015.**
- Sealed Bids will be publicly opened and read on September 25, 2015 at 10:00 a.m.
- A non-mandatory Pre-bid conference was held on September 18, 2015.
- The Construction Documents were released for public bids on August 26, 2015.
- The City has coordinating with BCWCID #10 to include needed roadway repairs that resulted from a water main break at Waxwing Drive as part of this package

##### Roadway Maintenance

In April 2015, the City selected Lone Star Paving as the City's on-call routine maintenance contractor. The first round of crack sealing operations began in the last week of September 2015. Crack sealing is being performed on the following streets:

- Windvale Dr
- Melody
- Windsong
- Bronzeglo
- Wilmon Way
- Tradewind
- Weathercock
- Windcrest
- Crosswind
- Galewind
- Cloudmont
- Zephyr
- Driftwind
- Spaceway
- Windfield
- Midcrown
- Faircrest
- Windway
- Cleardrift
- Dalecrest
- Waycrest

## City of Windcrest Major Roadway Capital Improvement Projects Map



### Major Roadway Design Packages

- Package 1 (Minor Repair)
- Package 2 (Major Repair)
- Package 3 (Minor Repair)
- Package 4 (Major Repair)
- Individual Project
- Windcrest City Limits

### LOOKING FORWARD

#### Roadway Improvement Projects - Package #4

The design and construction Package #4 is a grouping of similar Roadway CIP projects comprised of complete roadway reconstruction projects, including reconstruction of curb ramps, driveway approaches, and sidewalks. As is shown in purple on the map above, portions or all of the following streets will be improved as part of Package #4:

- Parkcrest Dr at Walzem
- Midcrown Dr
- Sunhaven Dr
- Walter Raleigh

The following activities have occurred or are anticipated for Package #4:

- All survey and geotechnical engineering is complete
- The detailed engineering design is planned to begin mid-October, 2014
- Engineering design and contractor procurement is anticipated to take approximately 8 months to complete
  - ⇒ The primary reason for the longer design time is that coordination is required with TxDOT for the roads that intersect Walzem Rd, which is owned by TxDOT
- **The construction scheduled will be determined to support the City's goal to fund the project with cash (debt free) and is anticipated to begin the Summer of 2016.**
- Construction activities will be coordinated with the North Side ISD so as to compliment and not to interfere with Windcrest Elementary school and construction activities.



Project Photos: Point Repairs



## COMPLETED PROJECTS SINCE 2012

### Roadway Improvement Projects - Package #2

Construction Package #2 is the second of four groupings of similar Roadway CIP projects comprised of complete roadway reconstruction projects, including reconstruction of curb ramps, driveway approaches, and sidewalks. Construction began in late April, 2014 with contractor RL Jones, LP of San Antonio. Each road segment was reconstructed using a process of full depth reclamation and cement stabilization of the road base with full depth curbs to limit moisture intrusion. **Streets were regarded to improve drainage, new curbs were installed, many driveways and sidewalks were replaced, and mailboxes were brought up to modern accessibility standards. Project was completed in September 2014.** As is shown in blue on the map on page 2, portions or all of the following streets will be improved as part of Package #2:

- Northgap Dr & Northbend Dr.
- Moorside Drive (Fenway to Fawndale)
- Bluegrass Ln (Balfour to Fenwick)
- Hickory Hollow
- Pintail Point
- Cattail Creek
- Teal Way
- Shady Brook

### Roadway Improvement Projects - Package #1

This project began in March 2013 with engineering provided by IDS Engineering. Construction activities began on July 29, 2013 with the awarded contractor being ASC Paving. Construction activities were certified as Substantially Complete on September 12, 2013 by the design engineer of record, IDS Engineering. The design and construction Package #1 is the first of four groupings of similar Roadway CIP projects comprised of street improvements ranging from extensive crack repair and slurry seals all the way to mill and overlays. The mill and overlay projects includes point base repair, localized leveling, and some curb replacement. As shown on the map below in red (see pg 2), portions or all of the following streets will be improved as part of Package #1 :

- |                     |                   |
|---------------------|-------------------|
| • Windgarden Circle | • Weatherly Drive |
| • Zephyr Drive      | • Bronzeglo Drive |
| • Winsong Drive     | • Hidden Hollow   |
| • Richfield Street  | • Brook Falls     |
| • Richfield Drive   | • Meadow Grove    |

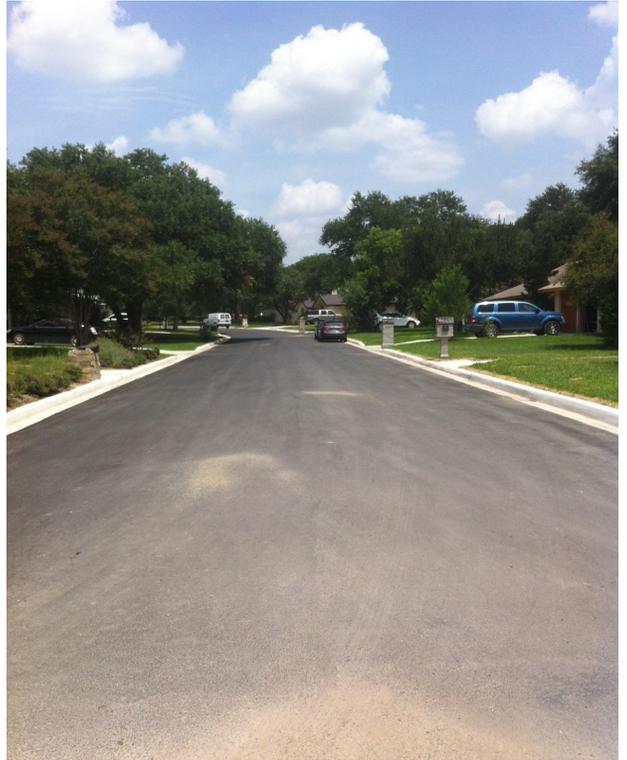


Project Photographs for CIP Package #1  
 Courtesy: IDS Engineering and YPR, Inc.

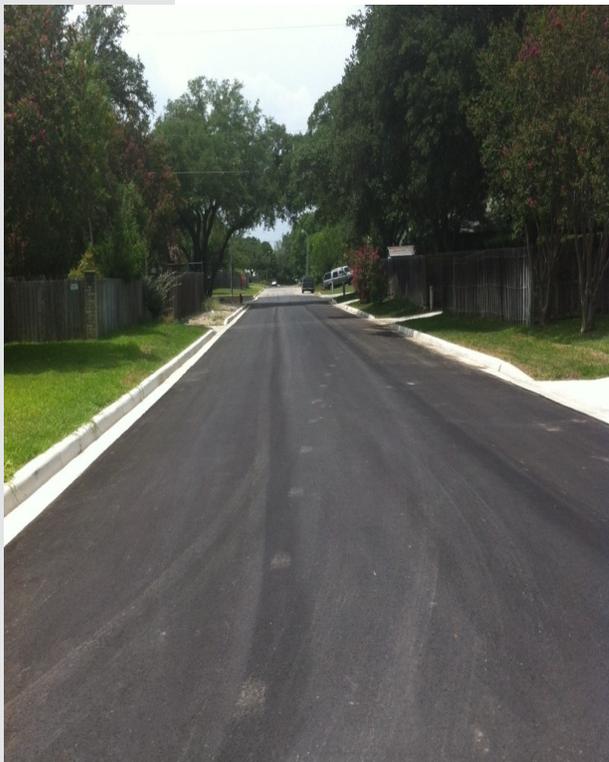
PROJECT HIGHLIGHTS—ROADWAY IMPROVEMENT PACKAGE #2



Hickory Hollow



Mooreside



Bluegrass Lane



Teal Point

Project Photos: Point Repairs



## COMPLETED PROJECTS SINCE 2012...

### Citywide Pavement Point Repairs

This project began in October, the start of FY 12-13, with engineering and project management provided by **Young Professional Resources (YPR)** of Windcrest. This project is now complete. This project involved pavement repairs that require some level of engineering prior to receiving bids from pavement contractors. During the month of April and May:

- All work under the original contract was completed.
- All additional repair work approved by the City in March was completed on May 10, 2013.

Point repairs occurred at the following areas:

- 417 Winfield Dr.
- Cleardift - Between Windcrest & Faircrest
- 5638 Cleardift
- 429 Cloudmont Dr.
- 409 Cloudmont Dr.
- 302 Cloudmont Dr.
- Intersection Windsor Hill & Fourwinds Dr.
- Intersection of Windfield Dr. & Windway
- 506 Fenwick Dr.
- 605 Fenwick Dr.
- 522 Fenway Lane
- Fenway Between Sunhaven & Walzem
- 705 Fawndale Lane
- 5918 Bayou Bend
- 601 Candleglo Dr.
- 505 Candleglo Dr.
- 709 Windfield Circle
- Intersection Windfield & Rocklyn Lane
- 725 Windrock Dr.
- 514 Crestway Dr.
- 525 Crestway Dr.
- 538 Crestway Dr.
- 546 Crestway Dr.
- 621 Crestway Dr.
- 613 Crestway Dr.
- 1905 Marco Polo
- 1908 Marco Polo
- 1917 Marco Polo
- 1925 Marco Polo
- 442 Faircrest Dr.
- 462 Faircrest Dr.
- 6438 Vista Butte
- 1924 Ponce De Leon
- 1914 Francis Drake
- 1901 Francis Drake
- 1310 James Cook
- 6326 Cypress Creek
- 6315 Cypress Creek
- 6303 Mallard Point
- 8406 Willow Cross
- 8402 Willow Cross
- 6431 Vista Butte
- 6415 Vista Butte
- 6315 Lakewood Park
- 6115 Brook Falls
- 6107 Brook Falls
- Bayou Bend at Brook Falls
- Meadow Grove
- 6003 Crescent Falls

Project Photos: Package #1  
(IDS Engineering and YPR, Inc.)



## COMPLETED PROJECTS...

### Parkcrest Drive – North of Walzem to Candleglo

This project began in October 2012, with engineering and project management provided by **Raba Kistner** and subconsultant M&S Engineering. Parkcrest Drive was closed for one week from Walzem Road to Candleglo for the improvements. The project was completed on schedule on March 28, 2013. Progress photos can be seen to the left.

The roadway improvements consisted of street restoration involving milling and removing existing asphalt pavement and installing a new asphalt surface. The limits of the project were Walzem Rd to the alleyway north of Balfour. The work also included the repair of existing base material and an application of a prime and tack coat. This project also involved a topographic survey, geotechnical engineering with pavement cores and testing, and design documents prior to receiving competitive bids from roadway contractors.

### Emergency Pavement Point Repairs

Maintaining the City's existing roadways is a key goal of the Roadway CIP. After the severe rains of September, the City initiated Emergency Pavement Point Repairs in October 2012 which was completed in December 2012. Engineering and project management was provided by **Young Professional Resources (YPR)** of Windcrest. This project targeted pavement areas that, if not corrected quickly, would lead to more extensive and expensive repairs later. Pictures to the left highlight steps in the process.

## ABOUT THE WINDCREST ROADWAY CAPITAL IMPROVEMENT PROGRAM

The City of Windcrest began experienced significant pavement distress on roadways across the City as a result of the recent record drought conditions. The drought and following heavy rains have activated the severe shrink-swell behavior of the soils on which the City's roadways are built.

**Starting in 2012, to enhance the quality of life for City residents and improve as many lane miles of distressed pavements as funding allows, the City began a prioritized, multi-year Roadway Capital Improvement Program (CIP). This is the first such program ever initiated by the City. The program aims to patch potholes and failed pavement sections, seal pavement cracks, resurface pavements, reconstruct roadways, and repair sidewalks and drainage in some areas.**

The City has committed to a total CIP budget of \$3.5M including planning, design, and construction. The CIP will be funded by cash saved by the City. As part of the Roadway CIP, the City has selected **Raba Kistner, Inc.** to support City staff in the management and oversight of the program.

