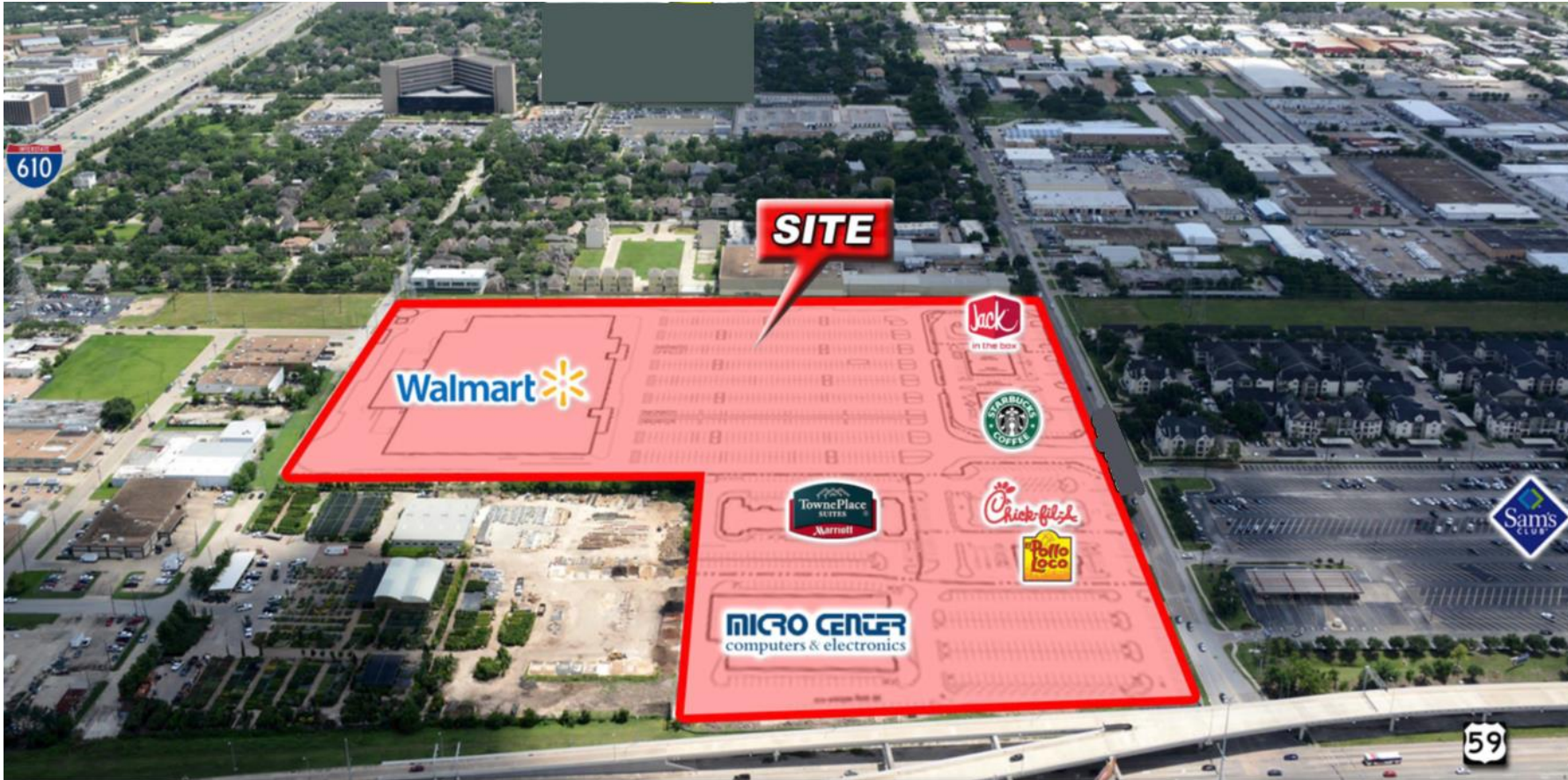


Report to City Council

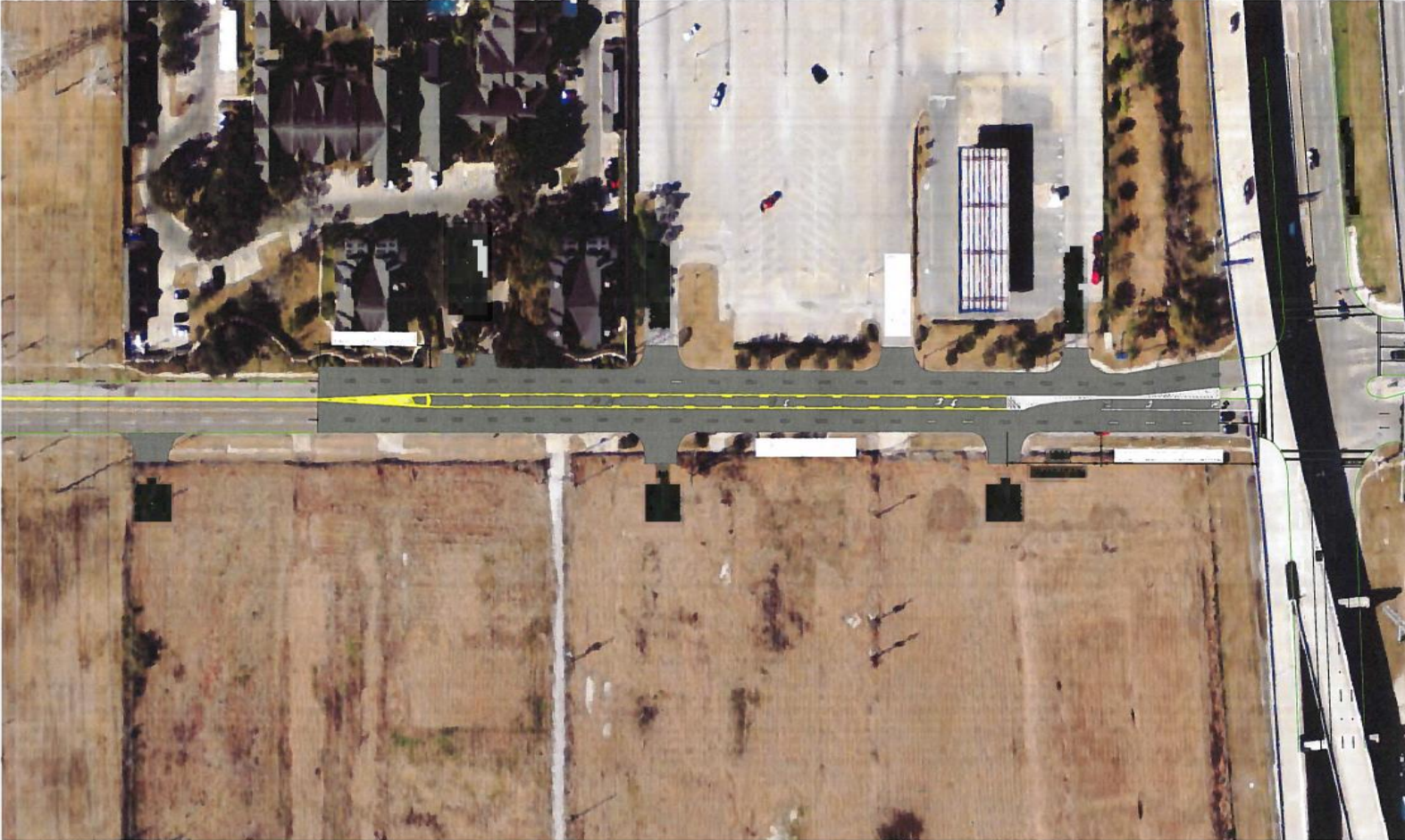
Shoppes at Uptown Crossing Development located at S Rice and Westpark



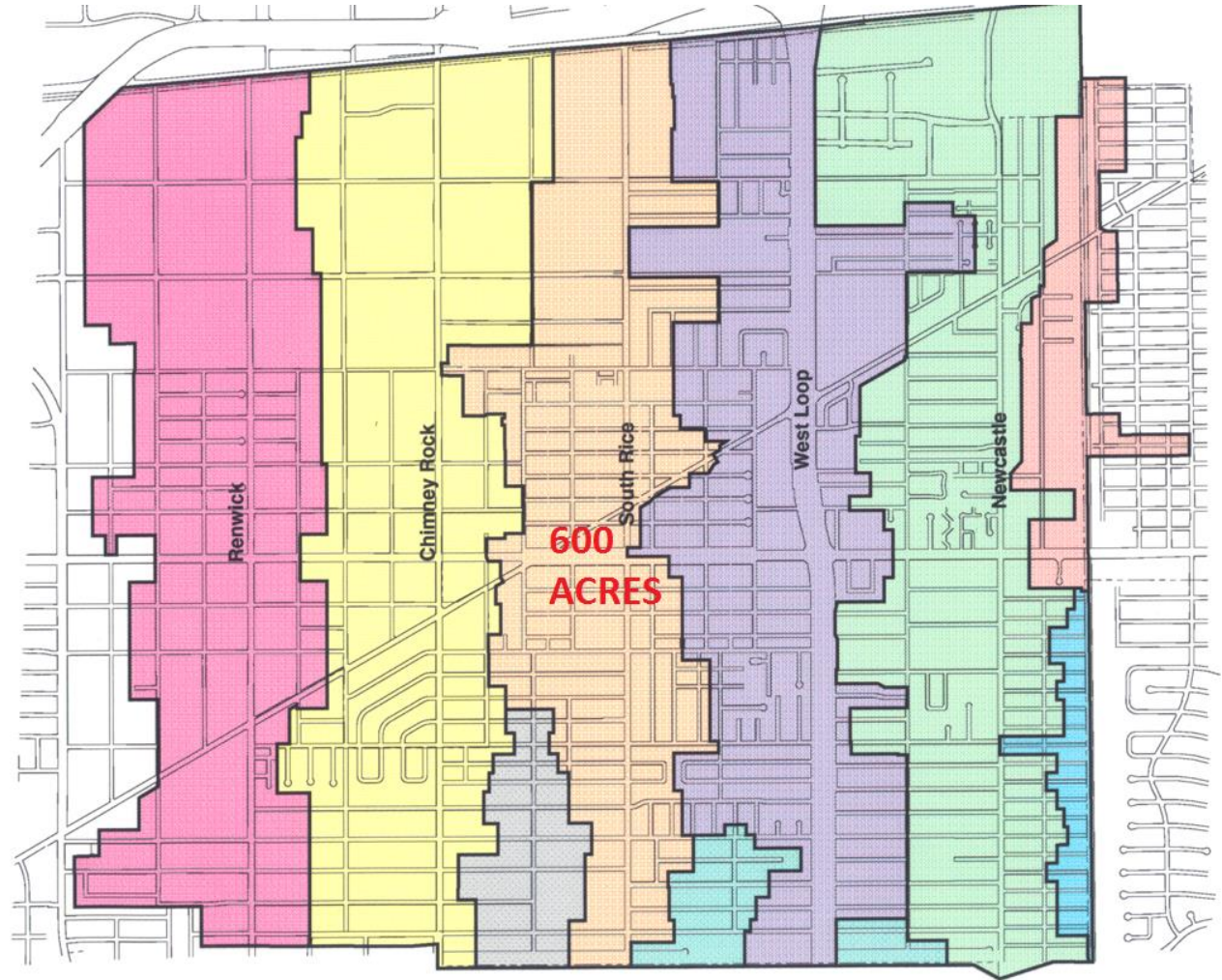
Micro Center/Walmart/Hotel/Restaurants/Office



Anticipated Improvements to S Rice Ave.

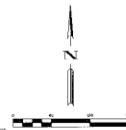


S Rice Drainage Area





Micro Center



PROJECT DESIGN: T.S.A.P. FLOODPLAIN MAP NO. 270908 IS AN URBAN
SHAPED DESIGN. ROAD STARTED ABOUT 1/2 MILE AT US 40 AND RAN
WESTWARD TO A RAMP TO INTERSTATE 40. ROAD WAS 10 FEET WIDE
AND 40 FEET HIGH OF ROAD AND 80 FEET HIGH OF POWER TRANSMISSION LINE IN
THE AREA OF THE RAMP. ROAD WAS 10 FEET WIDE AND 40 FEET HIGH
AND 80 FEET HIGH OF POWER TRANSMISSION LINE IN THE AREA OF THE
RAMP. ELEVATION = 4000 N.A.S.D. 1988 (2000) MILE

PROJECT DESIGN: T.S.A.P. FLOODPLAIN MAP NO. 270908 IS A BRIDGE
SHAPED DESIGN OF A BRIDGE AT INTERSTATE 40 ROAD BEING BUILT AND DESIGN
WAS 10 FEET WIDE AND 40 FEET HIGH OF ROAD AND 80 FEET HIGH OF
POWER TRANSMISSION LINE IN THE AREA OF THE RAMP. ROAD WAS 10
FEET WIDE AND 40 FEET HIGH OF ROAD AND 80 FEET HIGH OF POWER
TRANSMISSION LINE IN THE AREA OF THE RAMP. ELEVATION = 4000
N.A.S.D. 1988 (2000) MILE

PROJECT TIME: 1-32-00 BOB OUT ON THE ROAD LOCATED ON THE EAST SIDE OF
SOUTH RIVER AND 1/2 MILE SOUTH OF INTERSTATE 40
ELEVATION = 5473 N.A.S.D. 1988 (2000) MILE

PROJECT TIME: 1-34-00 BOB OUT ON THE ROAD LOCATED AT THE MOUNTAIN
ELEVATION = 5473 N.A.S.D. 1988 (2000) MILE

THE PROPERTY LIES IN ANCHORED ZONE "C" (AREAS DETERMINED TO BE SUBJECT TO AN OUTSIDE THE CITY ANNUAL CRAFTY FLOODS, AS DETERMINED BY THE FLOOD INSURANCE RATE MAP FOR HARRIS COUNTY, TEXAS AND INCORPORATED AREAS, MAP NUMBER 48020000, DATED JUNE 18, 2003).

[illegible]

EXISTING CONDITIONS	AREA (AC)
— IMPERVIOUS COVER	13.41
— PERVIOUS COVER	2.98
PROPOSED CONDITIONS	AREA (AC)
— IMPERVIOUS COVER	14.25
— PERVIOUS COVER	2.14
INCREASE IN IMPERVIOUS COVER	0.84
DETENTION REQUIRED	0.42 AC—FT

CONSTRUCTION NOTE:
SEE SHEET C18 FOR RESTRICTOR DETAIL.

PIPE SIZE	N STORM SEWER GRADE
8"	0.75
12"	0.44
18"	0.33
24"	0.28
30"	0.15
36"	0.11
42"	0.08

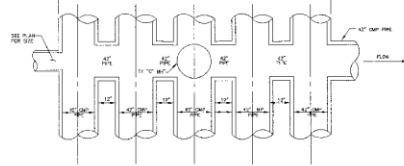
APPROVED STORM
NO. 350
DRAFT
NO. 350
The construction of the proposed stormwater management system shall cause the capacity of the street to be increased by the amount of the proposed stormwater management system. The proposed stormwater management system shall be designed to meet the requirements of the City of Los Angeles Department of Public Works, Division of Stormwater, and the California Department of Public Works, Division of Stormwater.

NO. 350

SITE WORK ONLY



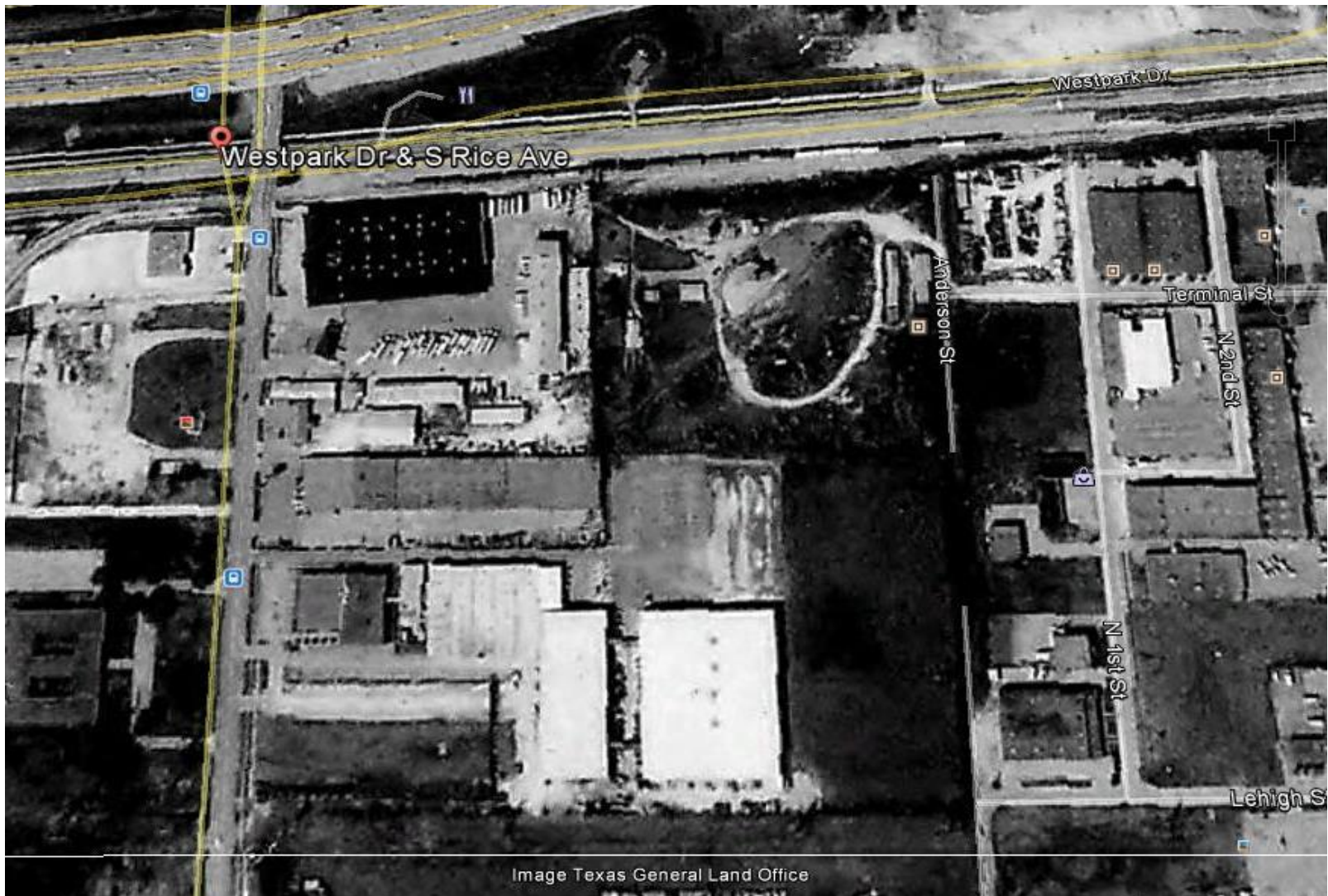
C12

[illegible]

Walmart Site

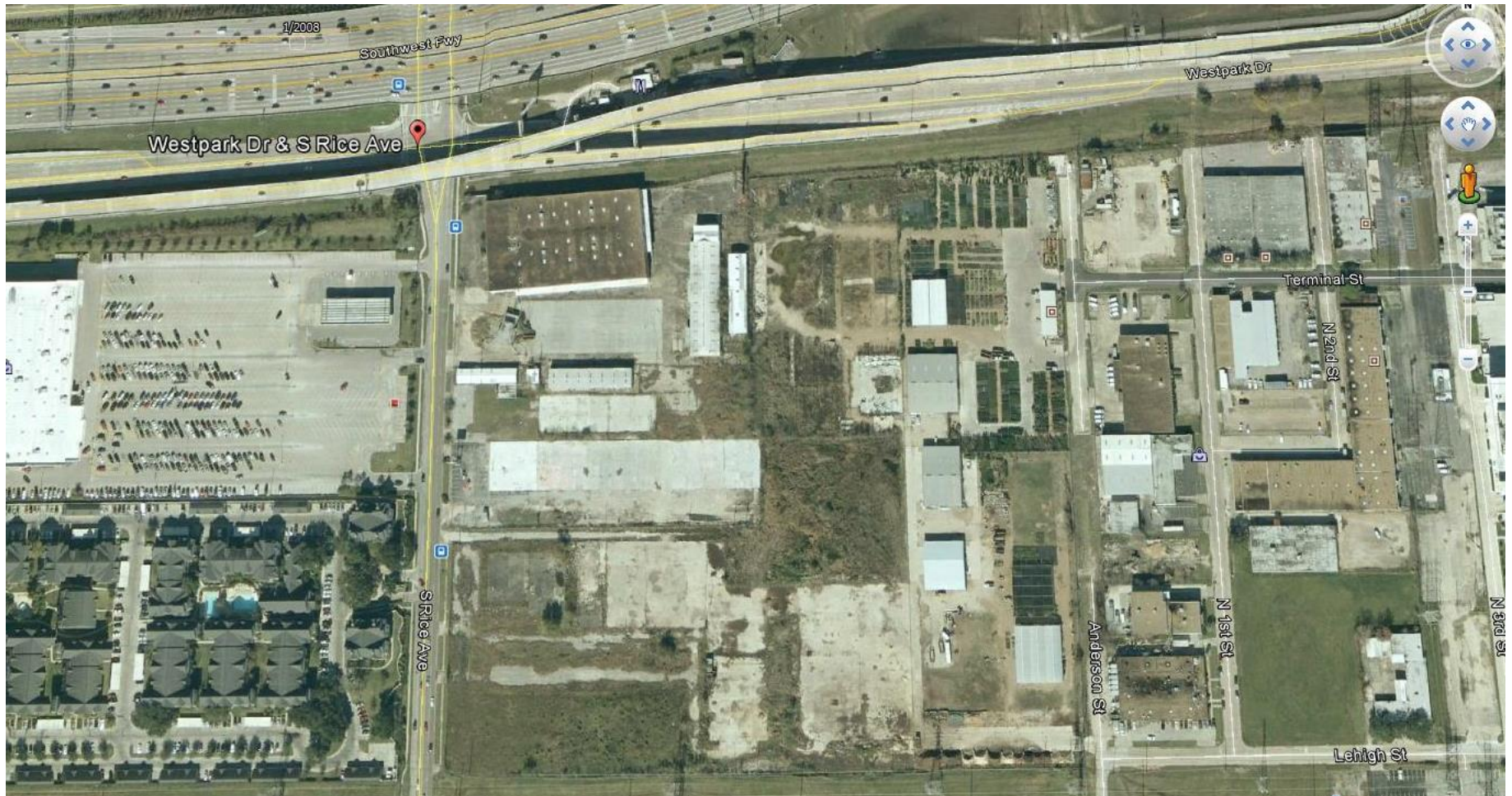




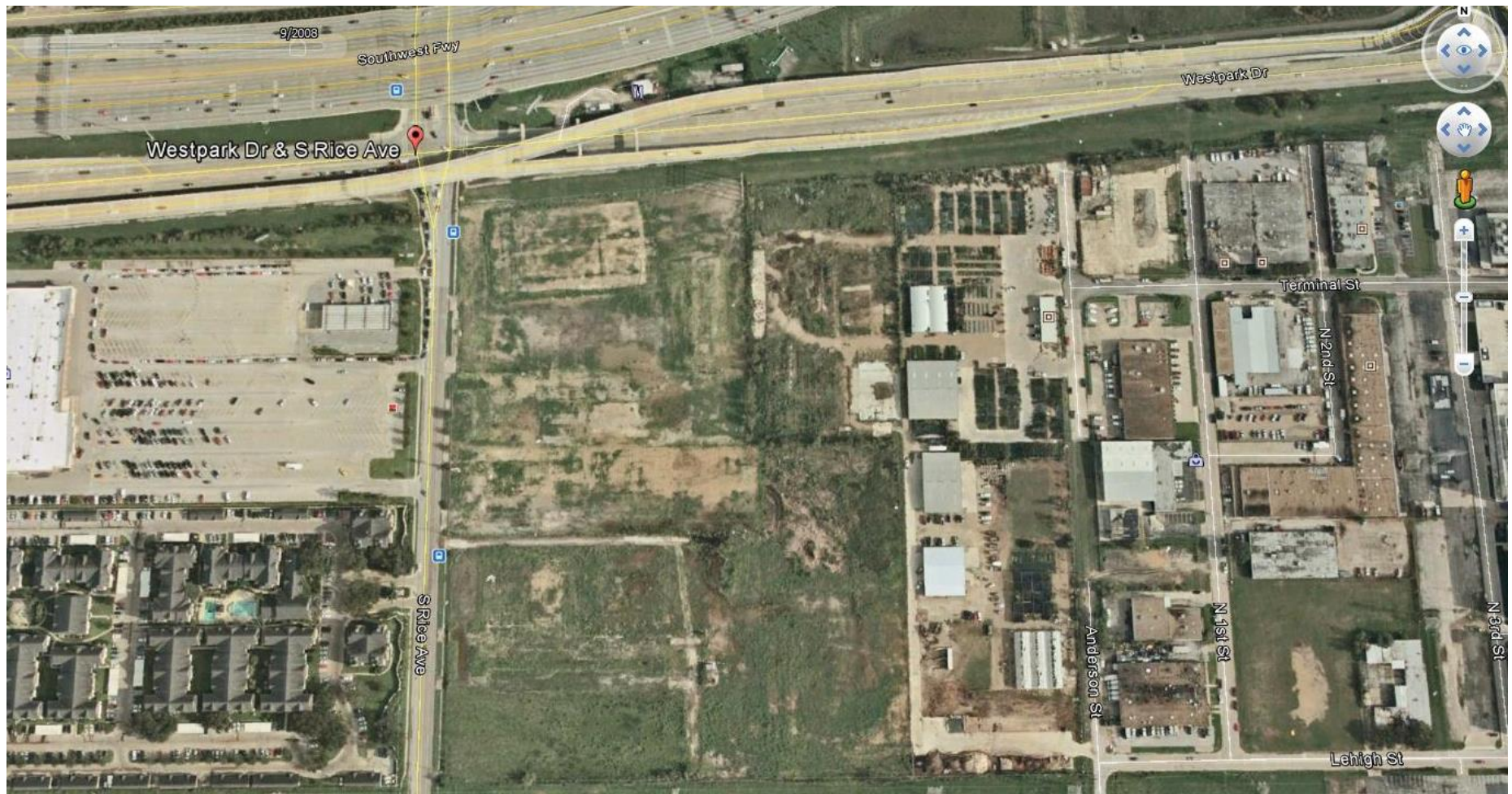




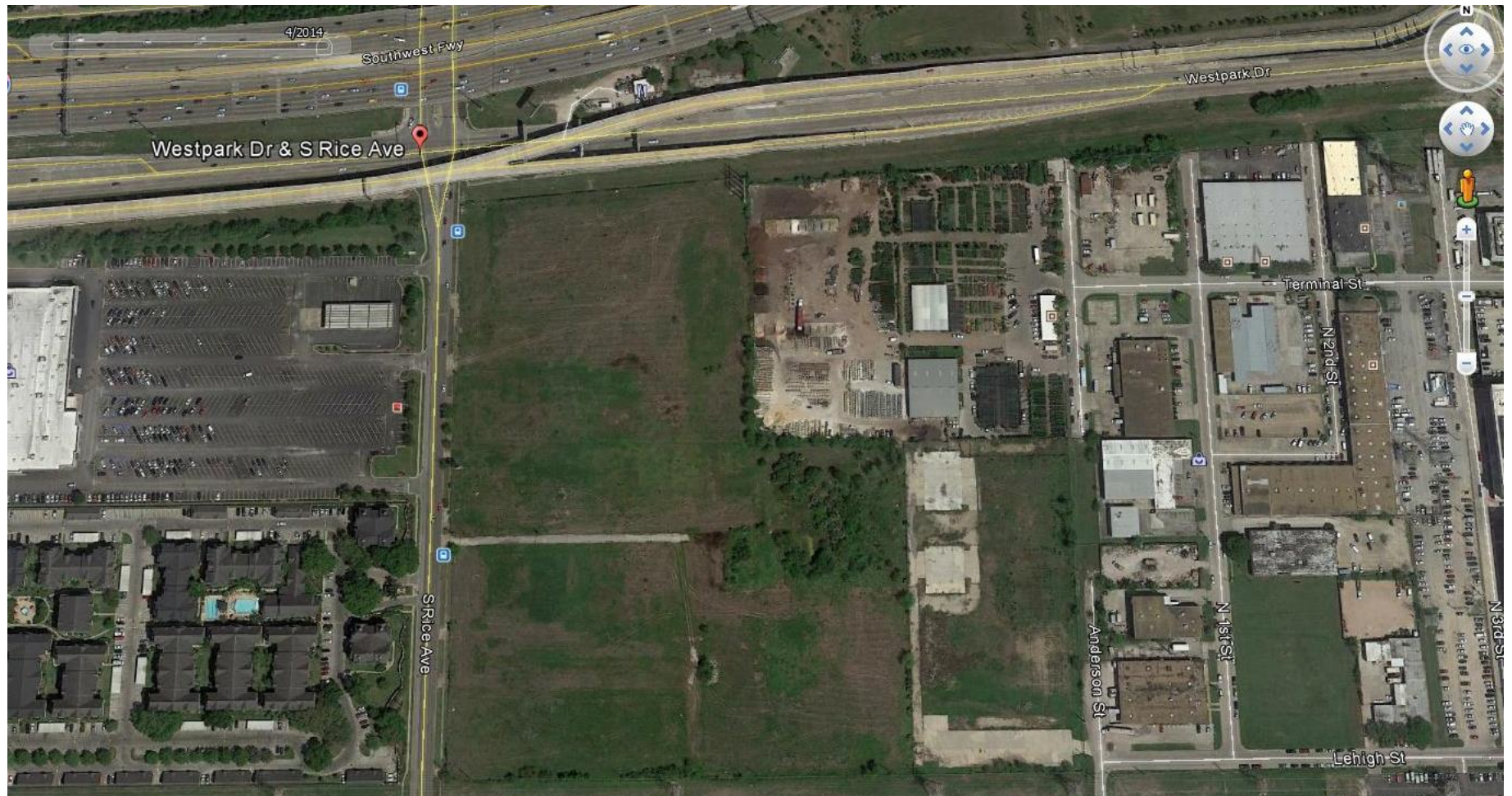




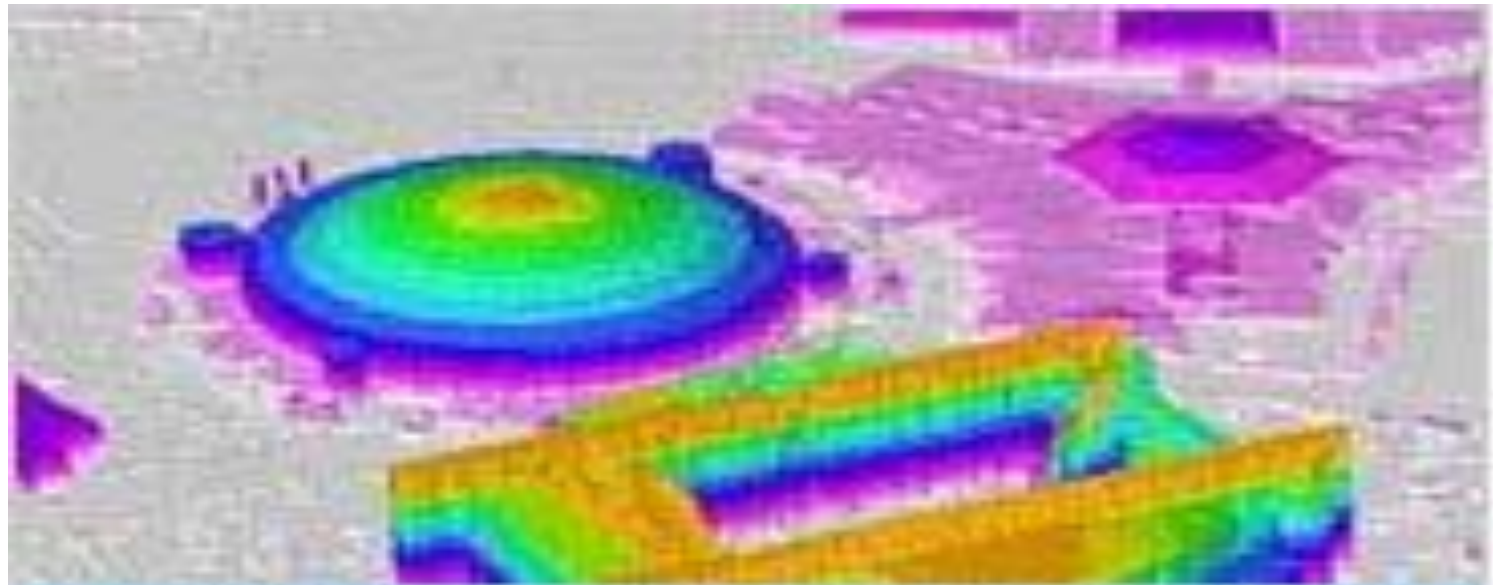
January 2008 satellite image



September 2008 satellite image



Prior to Development 2014 satellite image



Color-enhanced image of the Reliant Stadium and AstroDome, produced from LiDAR data.

Flow Paths

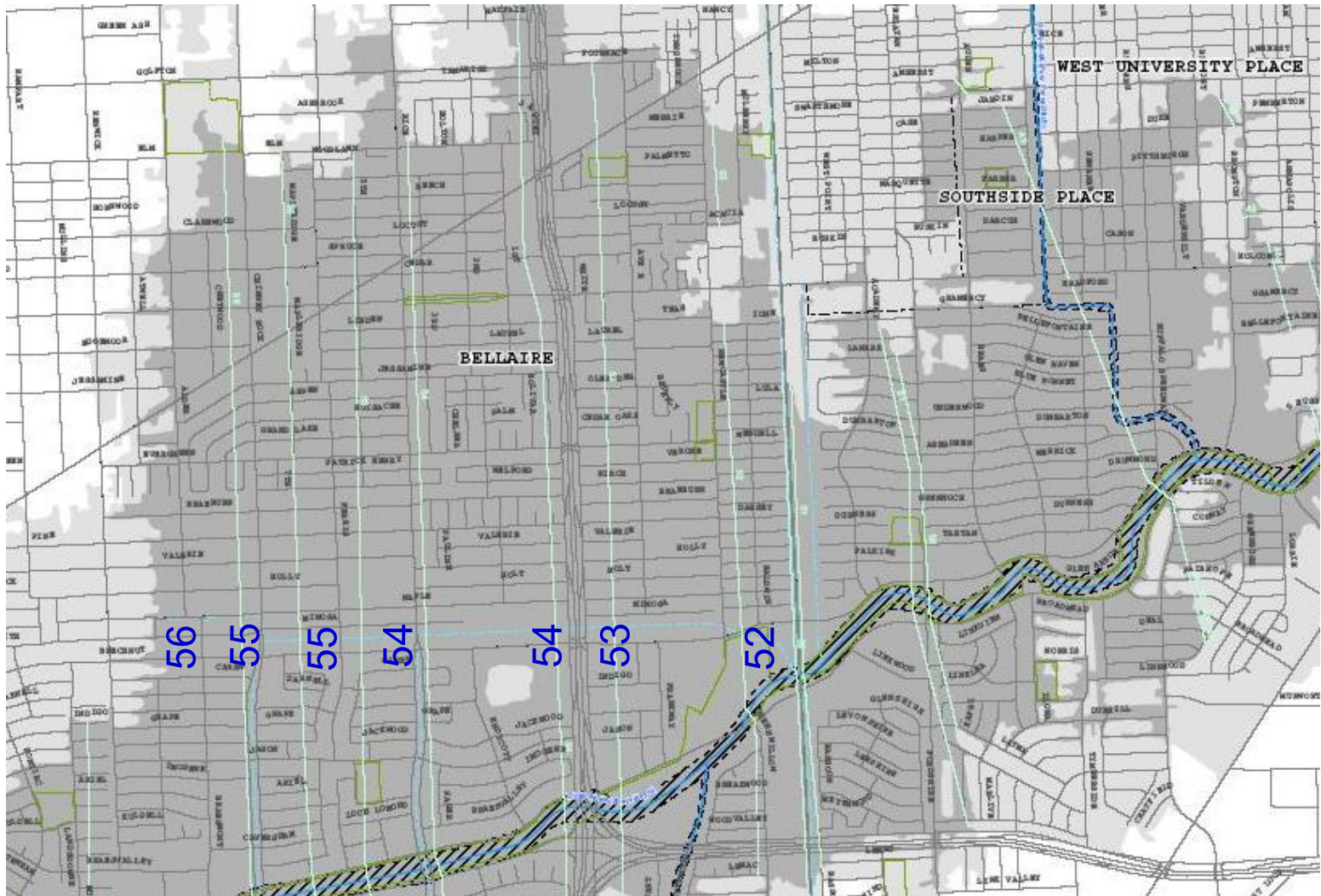


LIDAR





100 year storm flows



Estimated order of magnitude

- Bellaire 3.6 square miles
- 80% in the flood plain
- Assume average depth of flood plain is 1.75 feet
- 140,500,000 cubic feet of water
- Assume 3 hour 100 year rainfall

$43 \text{ cfs} \times 3 \text{ hr} \times 60 \text{ min} \times 60 \text{ sec} = 464,400 \text{ cubic feet}$

$464,400 / 140,500,000 = 0.003\% \text{ or } 0.005 \text{ ft. or } .06 \text{ inches}$

