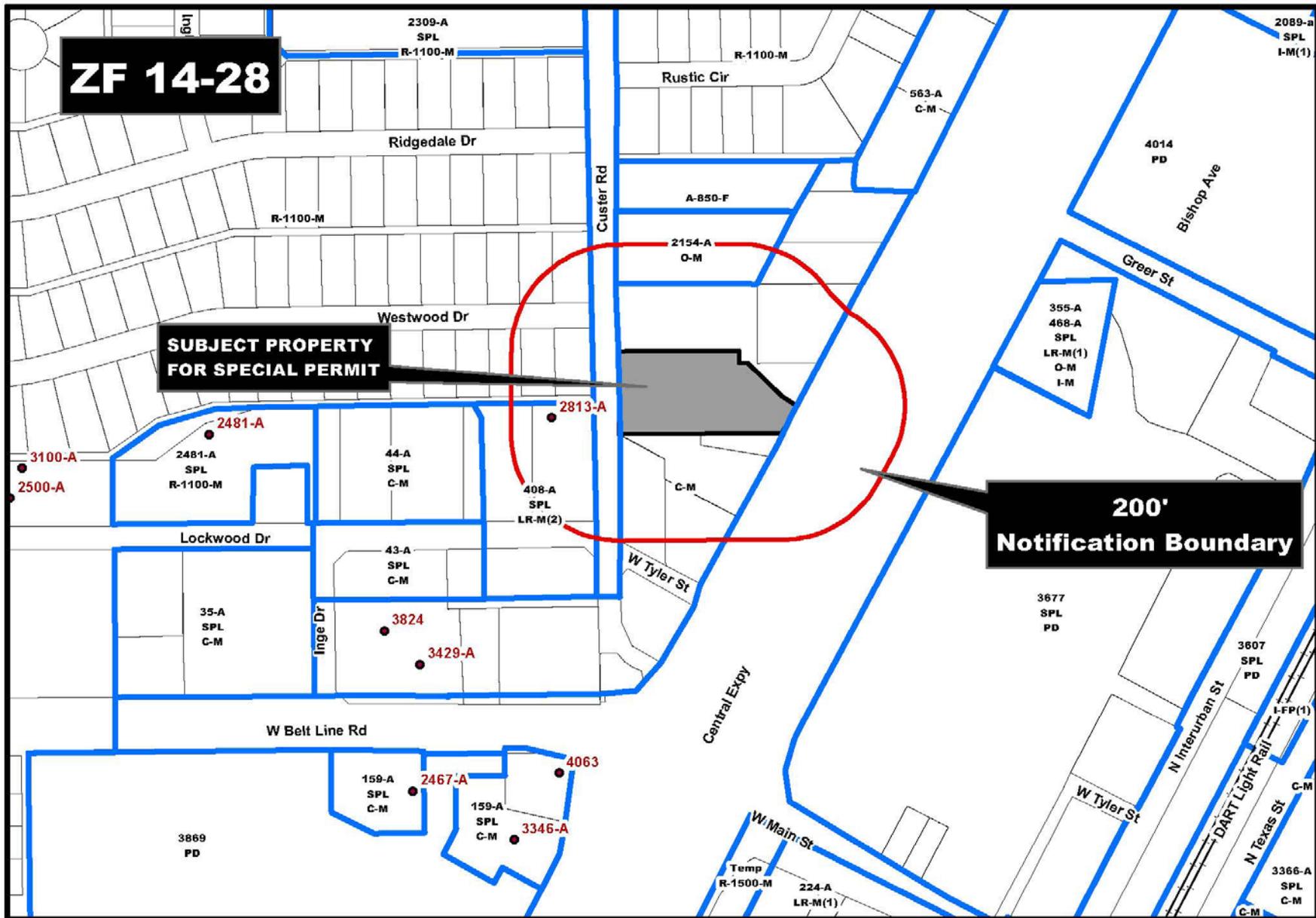


## City Council Work Session Handouts

October 27, 2014

- I. Review and Discuss Zoning File 14-28
- II. Review and Discuss Zoning File 14-29
- III. Review and Discuss Zoning File 14-30
- IV. Review and Discuss Variance No. 14-05
- V. Review and Discuss the North Texas Tollway Authority Transportation Update
- VI. Review and Discuss an Update on the Cultural Arts in Richardson
- VII. Review and Discuss the Status of Water Restrictions

Agenda Item 4  
ZF 14-28 Special Permit  
Motor Vehicle Rental (Hertz)



## ZF 14-28 Notification Map

Updated By: shacklettc, Update Date: September 18, 2014  
 File: DSM\mapping\Cases\Z12014\ZF1428\ZF1428 notification.mxd

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.



**ZF 14-28**

**SUBJECT PROPERTY  
FOR SPECIAL PERMIT**



## ZF 14-28 Aerial Map

Updated By: shacklettc, Update Date: September 18, 2014  
File: DSI\mapping\Cases\Z12014\ZF1428\ZF1428\_ortho.mxd

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.





(1)



Looking South along  
Central Expressway



**Hertz**  
Car Sales

GOVINDJI'S

ROLEX

BENEFIT STORE  
OFFICE FURNITURE  
www.thebenefitstore.com

ZONING CHANGE REQUEST  
972.744.4040

Looking North along  
Central Expressway

(2)



**THE BENEFIT STORE**  
Selling Used/New Office Furniture

Car Sales **Hertz**

235

Looking West along  
North Property Line

(3)



(4)

Looking West along  
South Property Line



(5)

Looking East at  
Rear of Building



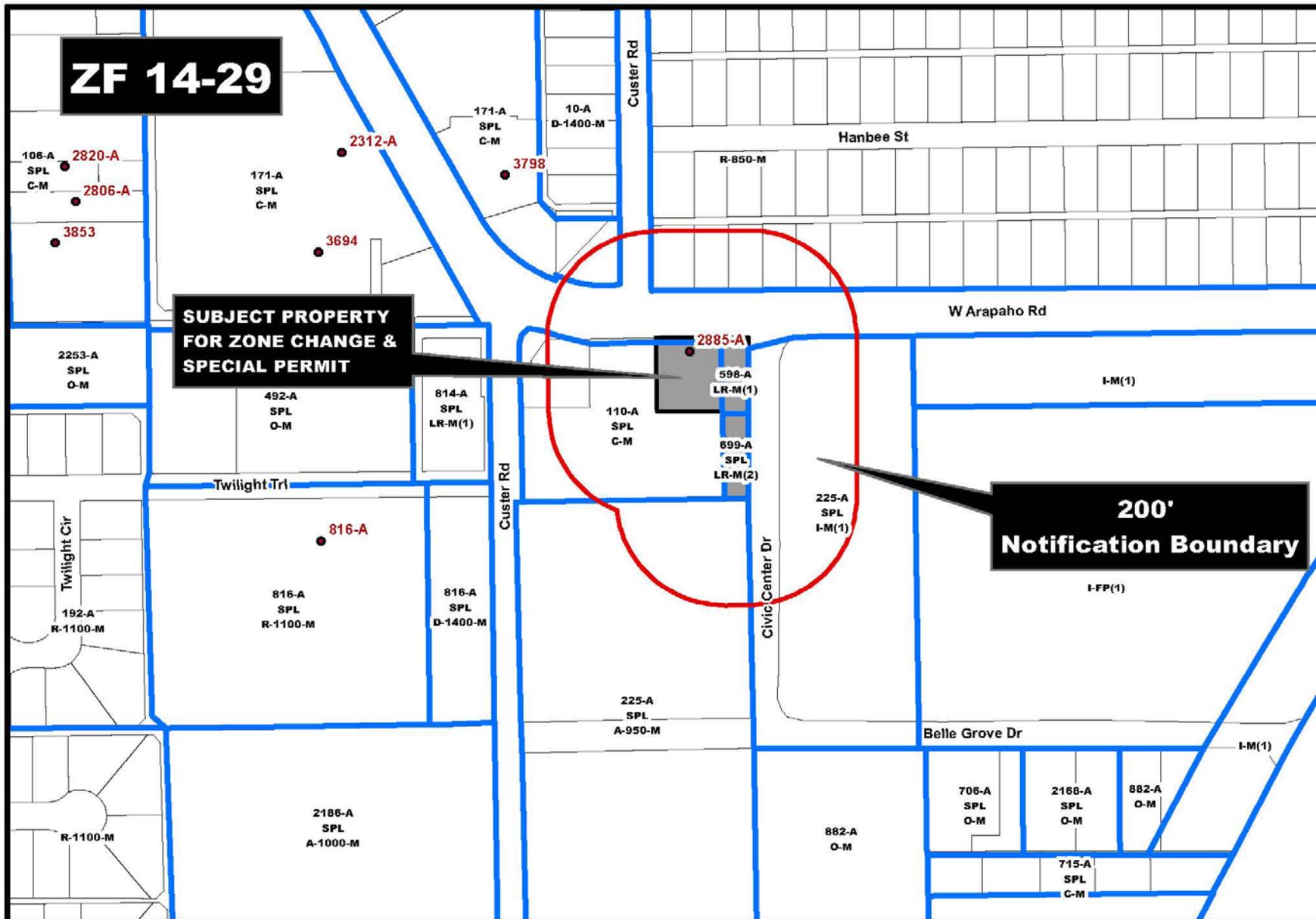
Looking North along  
Custer Road

(6)



## Agenda Item 5

ZF 14-29 Zoning Change/Special Permit  
Drive-thru Restaurant (Golden Chick)



## ZF 14-29 Notification Map

Updated By: shacklettc, Update Date: September 18, 2014  
 File: DSM\mapping\Cases\Z12014\ZF1429\ZF1429 notification.mxd

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.





## ZF 14-29 Aerial Map

Updated By: shacklettc, Update Date: September 18, 2014  
File: DSI\Mapping\Cases\Z\2014\ZF1429\ZF1429\_ortho.mxd

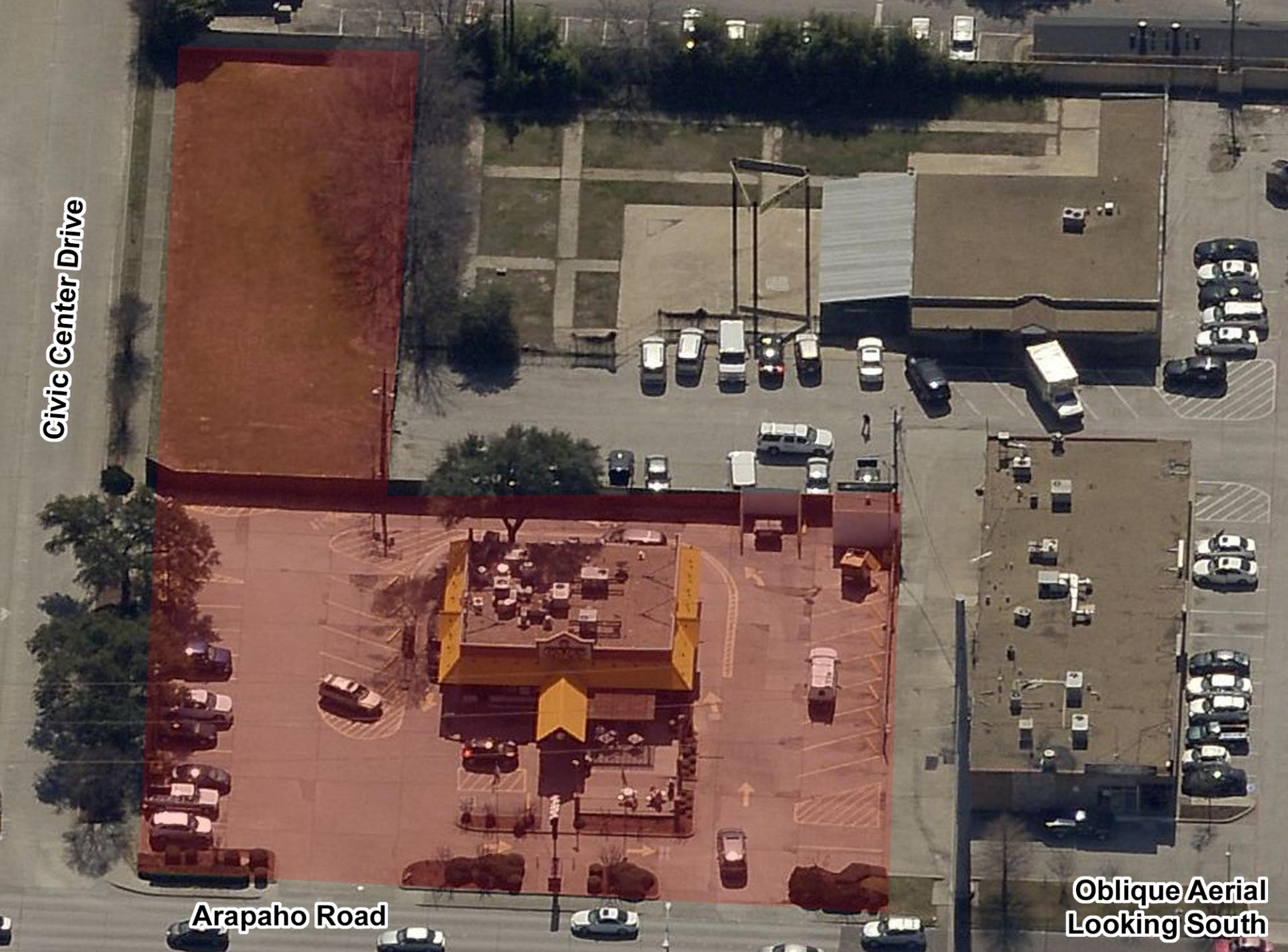
This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

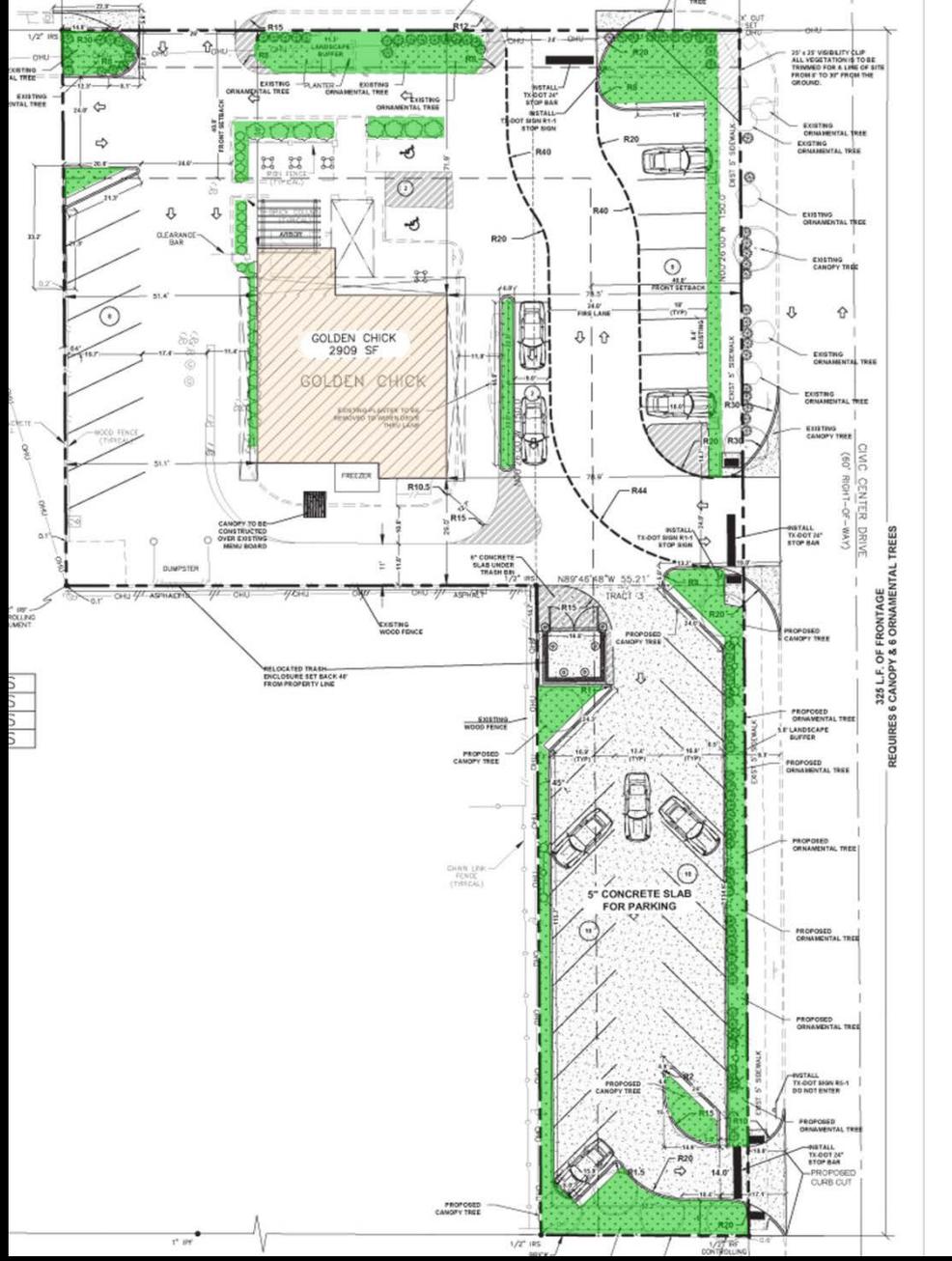


Civic Center Drive

Arapaho Road

Oblique Aerial  
Looking South





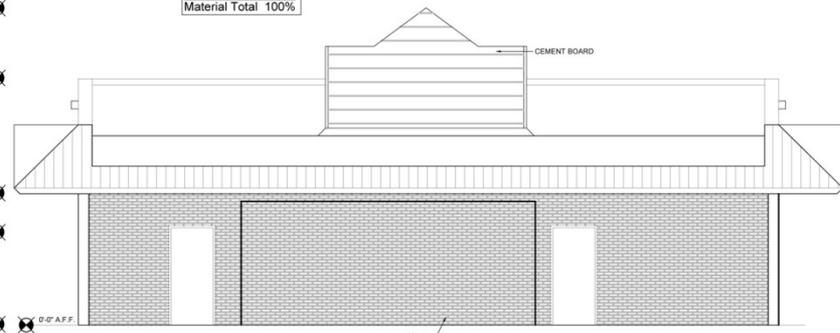
**Zoning Exhibit – CPC recommendation**

**NORTH ELEVATION**  
 White Stone 22%  
 Ptd. Plywood 18%  
 Red Brick 60%  
 Material Total 100%



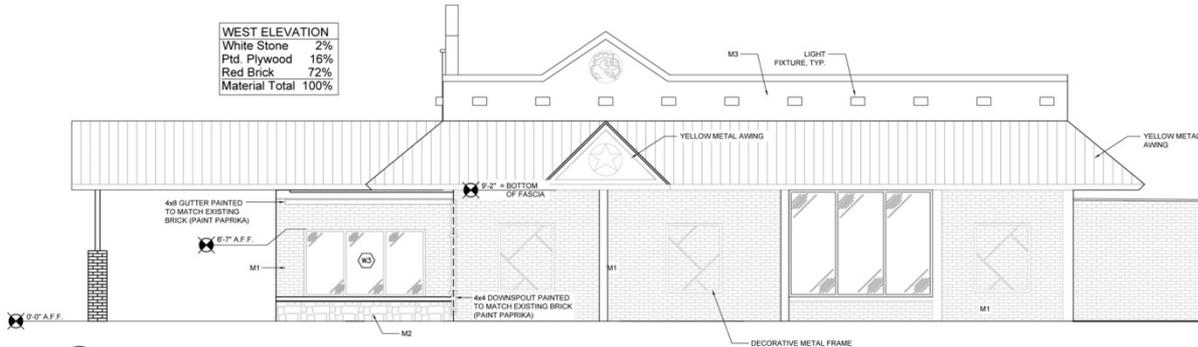
**1 NORTH ELEVATION**  
 A4.0 SCALE: 1/4" = 1'-0"

**SOUTH ELEVATION**  
 Red Brick 100%  
 Material Total 100%



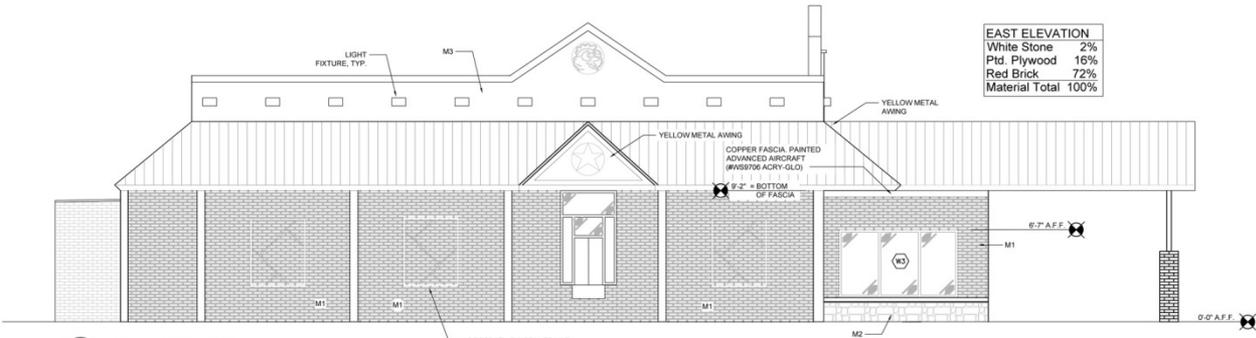
**2 SOUTH ELEVATION**  
 A4.0 SCALE: 1/4" = 1'-0"

**WEST ELEVATION**  
 White Stone 2%  
 Ptd. Plywood 16%  
 Red Brick 72%  
 Material Total 100%



**3 WEST ELEVATION**  
 A4.0 SCALE: 1/4" = 1'-0"

**EAST ELEVATION**  
 White Stone 2%  
 Ptd. Plywood 16%  
 Red Brick 72%  
 Material Total 100%



**4 EAST ELEVATION**  
 A4.0 SCALE: 1/4" = 1'-0"

**MATERIAL SCHEDULE**

M1 BRICK - CR RED (PRODUCT NO. 115652) - AMCE BRICK  
 PAINT BRICK PAPIRKA (EB27-1) TO MATCH EXISTING BRICK  
 MATERIAL SUPPLIER: SPECIFIED PRODUCTS, MR. CARTER LYON, 214-386-1228; CARTER@SPECIFIEDPRODUCTSINC.COM  
 8181 EAST POINT DRIVE, #300, DALLAS, TEXAS 75227

M2 STONE - WHITE (AUSTIN BUCKEYE (TEJAD))  
 FULL SIZE. MATERIAL SUPPLIER: SPECIFIED PRODUCTS,  
 MR. CARTER LYON, 214-386-1228; CARTER@SPECIFIEDPRODUCTSINC.COM  
 8181 EAST POINT DRIVE, #300, DALLAS, TEXAS 75227

M3 PAINTED EXTERIOR GRADE PLYWOOD - PAINTED PAPIRKA (EB27-1) TO MATCH EXISTING BRICK.

NOTE: SIGNAGE FOR ILLUSTRATION PURPOSES ONLY. SUBJECT TO COMMUNITY SERVICES APPROVAL.

DRAWN BY: DP  
 CHECKED BY: RK  
**EJES**  
 6807 FINANCIAL PLAZA STE 511  
 DALLAS, TEXAS 75215  
 (F) 972-432-7200  
 (F) 214-343-1230  
 (F) 214-343-3885  
 EJE, Inc. Copyright © 2005

**REGISTERED ARCHITECT**  
 STATE OF TEXAS  
 08/18/14

**EXTERIOR ELEVATIONS**  
**GOLDEN CHICK**  
**445 WEST ARAPAHO ROAD**  
**RICHARDSON, TEXAS 75080**

DATE	DESCRIPTION	BY
8/15/16	BLDG. PERMIT REV 1	DP
SCALE: AS NOTED		
PROJECT NO. 036-01		
SHEET NO. A4.0		

# Building Elevations

Oct 02, 2014 - 11:21am  
 036-05-A4.0-Exterior Elevations (Material Calls).dwg



Looking Southeast at Existing Restaurant

(1)



**GOLDEN CHICK**  
DRIVE - THRU  
BREAKFAST  
7 AM

**GOLDEN CHICK**

Looking East along  
Arapaho Road (Driveway  
Connection to West)

(2)



(3)

Looking South along Civic Center Drive

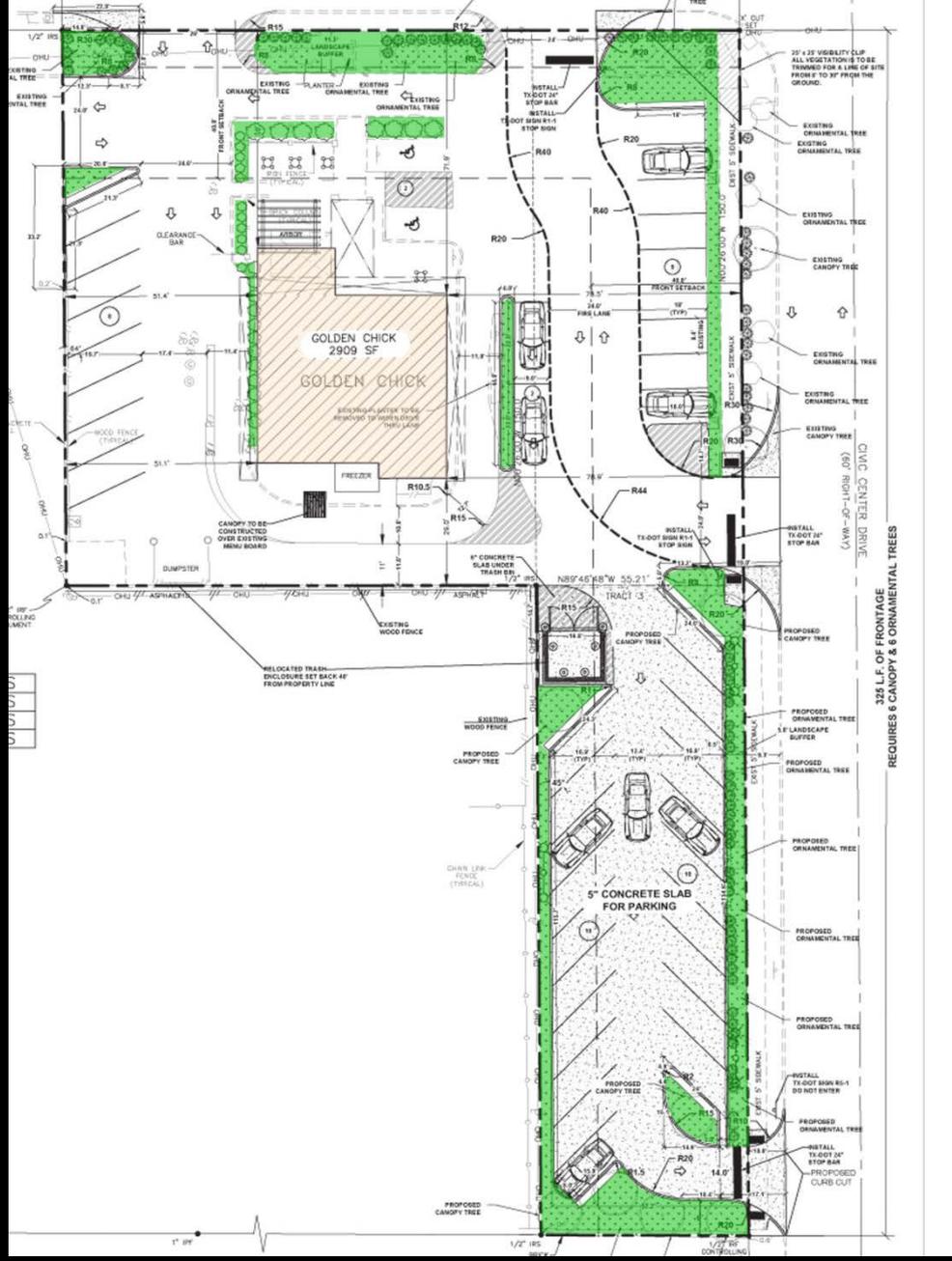


**Looking Northwest at  
Proposed Parking Lot**



(5)

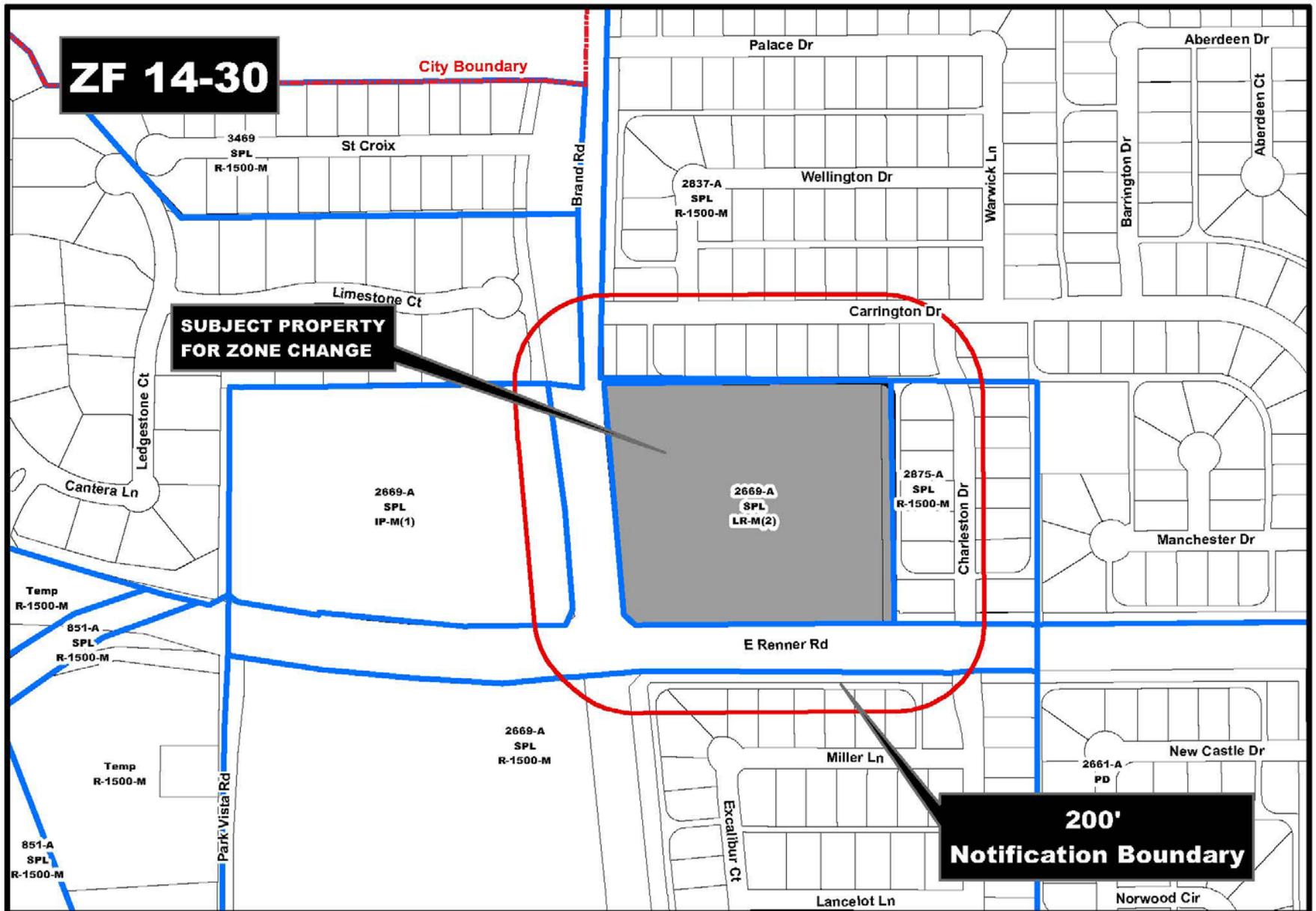
Looking South along  
Proposed Fire Lane



**Zoning Exhibit – CPC recommendation**

# Agenda Item 6

ZF 14-30 Zoning Change  
Patio Home Community



## ZF 14-30 Notification Map

Updated By: shacklettc, Update Date: September 18, 2014  
 File: DSM\mapping\Cases\Z2014\ZF1430\ZF1430 notification.mxd

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## ZF 14-30 Aerial Map

Updated By: shacklettc, Update Date: September 18, 2014  
 File: DS\Mapping\Cases\Z\2014\ZF1430\ZF1430\_ortho.mxd

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.



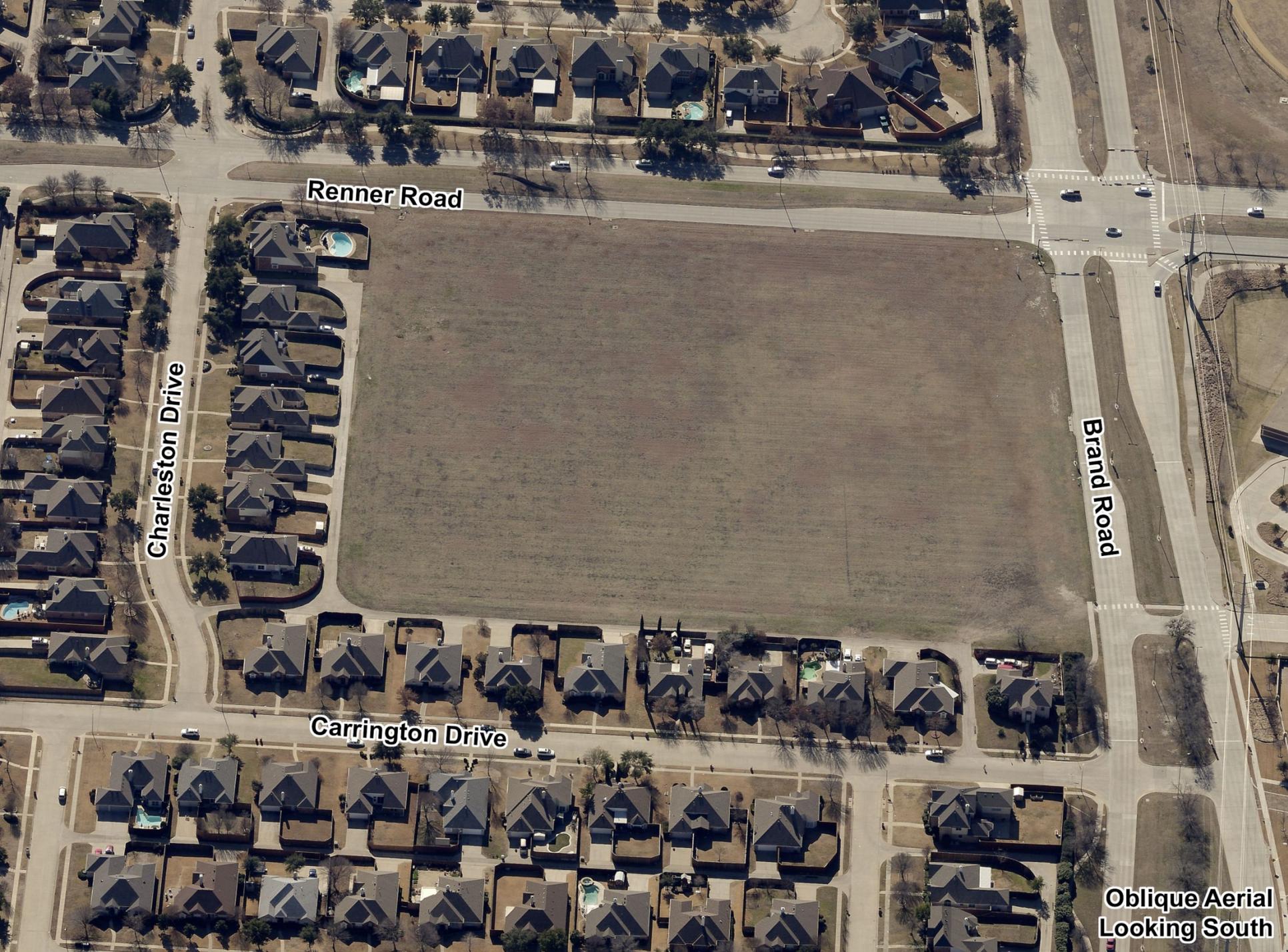
Renner Road

Charleston Drive

Brand Road

Carrington Drive

Oblique Aerial  
Looking South







**Looking West along  
Renner Road**

**(1)**



(2)

**Existing Wall & Trees/  
Proposed Median Opening Location**



**Looking South across  
Renner Road**

**(3)**



**Looking North along  
East Property Line**



(5)

Looking East along  
North Property Line



(6)

Looking West across  
Brand Road (Schell Elementary)

# Savoy Trace Photos



(1)

Savoy Trace  
(Existing Home)



(2)

**Savoy Trace  
(Existing Home)**



(3)

**Savoy Trace  
(Existing Home)**

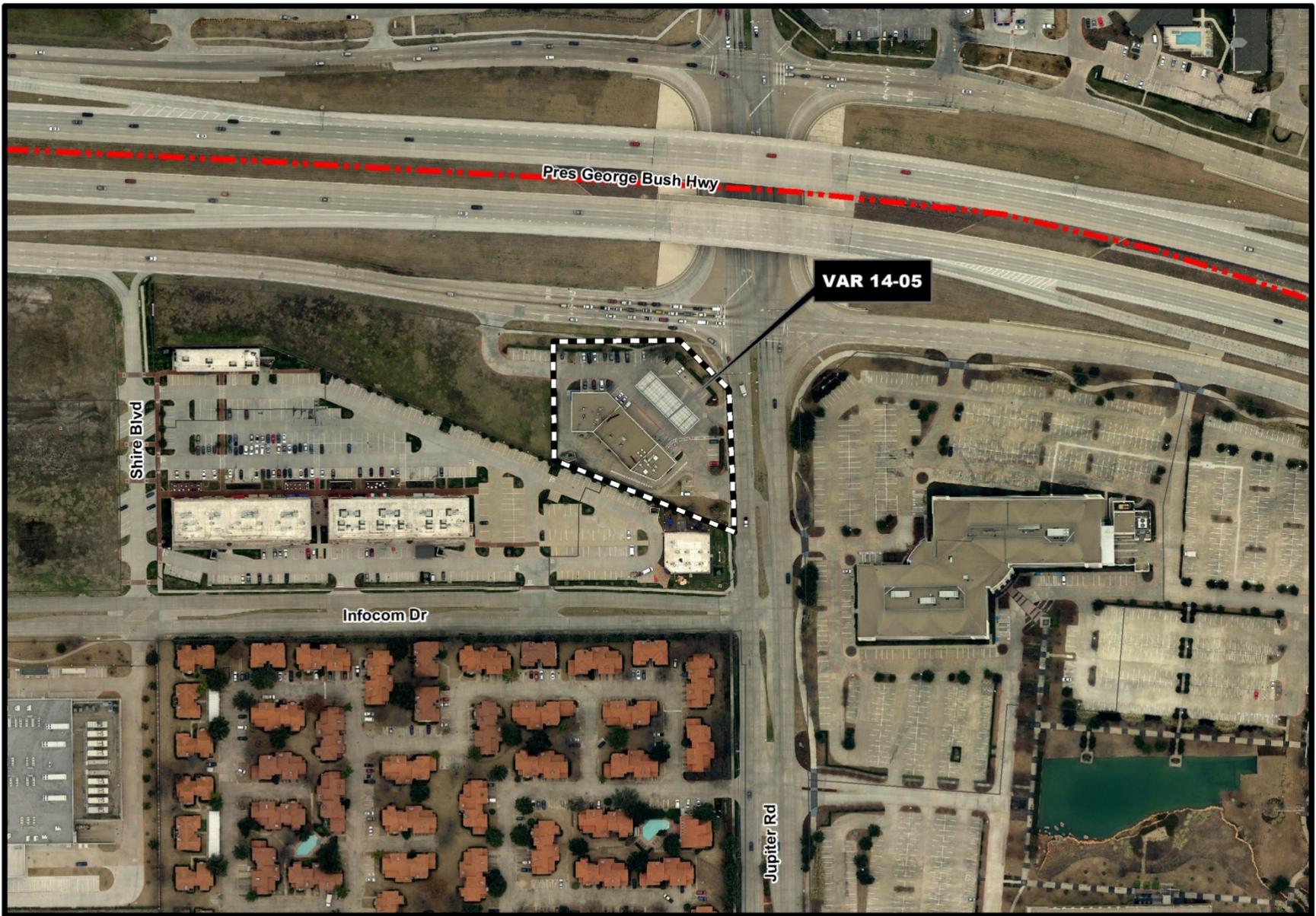


(4)

**Savoy Trace  
(Open Space along  
Lake Park Way)**

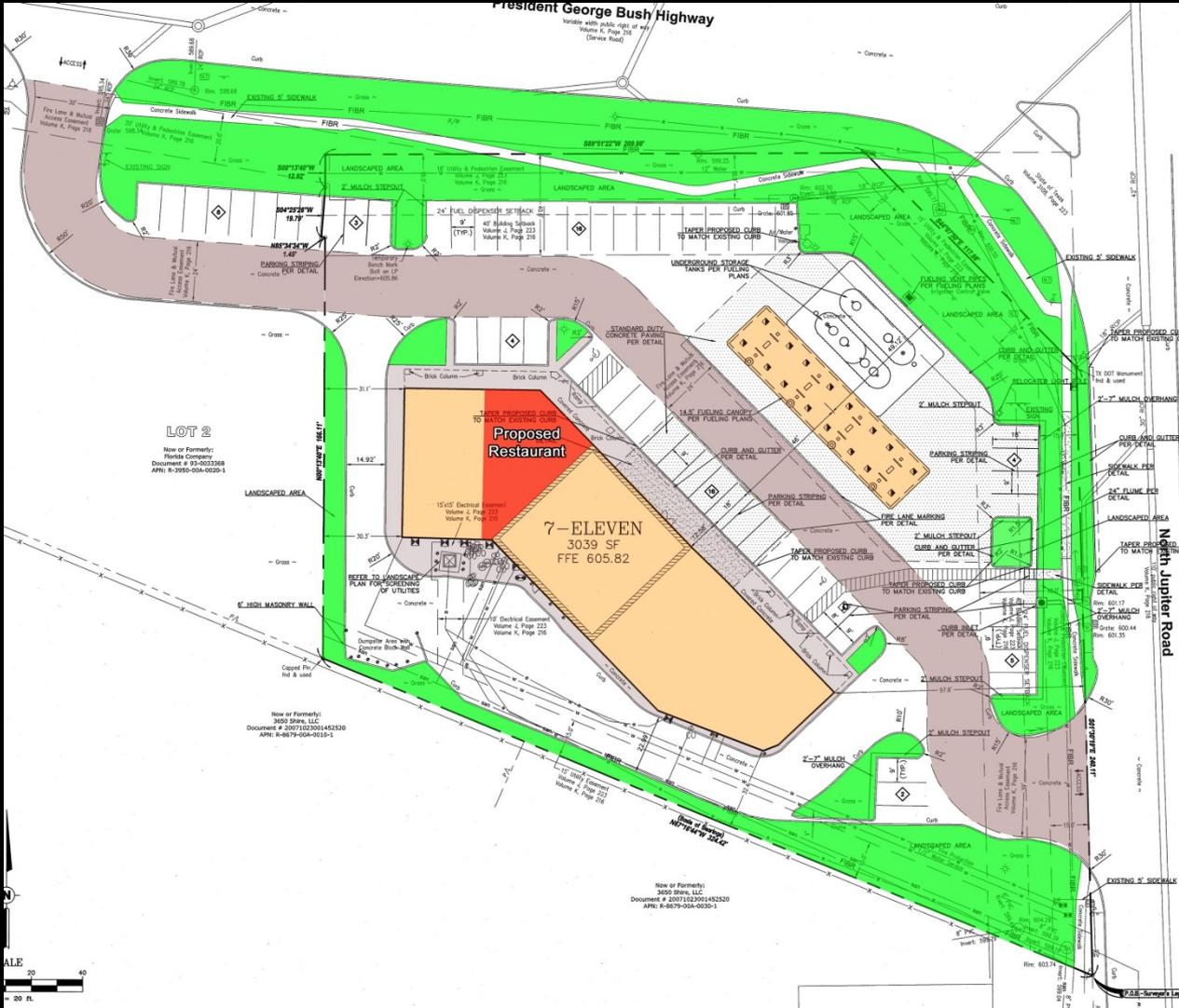


Agenda Item 7  
Variance No. 14-05  
Parking Reduction



**VAR 14-05**  
**Jupiter Shopping Center**





# VAR 14-05

Retail	20 sp.
Restaurant	35 sp.
Spaces required by code:	55 sp.
Spaces provided:	50 sp.
Shortage:	5 sp.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9:00 AM	7	5	6	7	8	8	7
12:00 PM	26	25	28 (22 vacant)	21	24	12	8
6:00 PM	6	8	7	6	8	4	4
8:30 PM	4	5	5	4	7	6	4

**Parking Survey**

# North Texas Tollway Authority

---

**Elizabeth Mow, P.E.**

**Assistant Executive Director of Infrastructure**

**City Council of Richardson**

**Oct. 27, 2014**

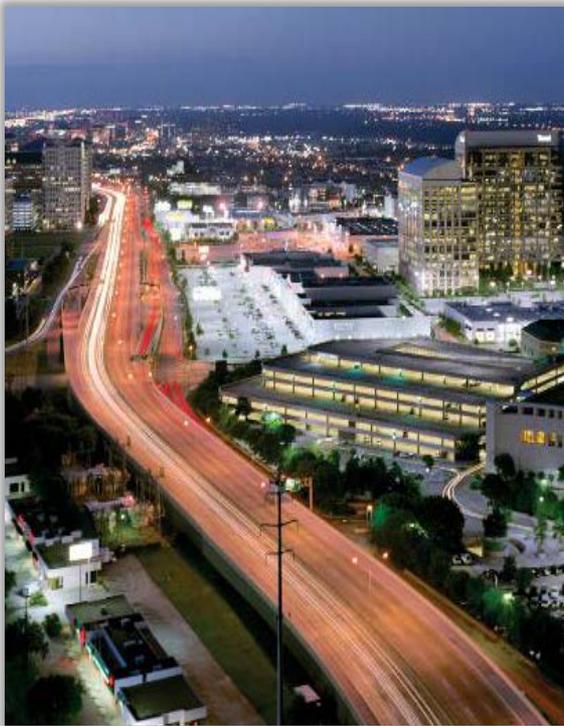
# In the Beginning



- **Origins:** Texas Turnpike Authority – 1953
- **Destination:** Fort Worth → Dallas
- **Next Chapter:** Dallas North Tollway – 1968



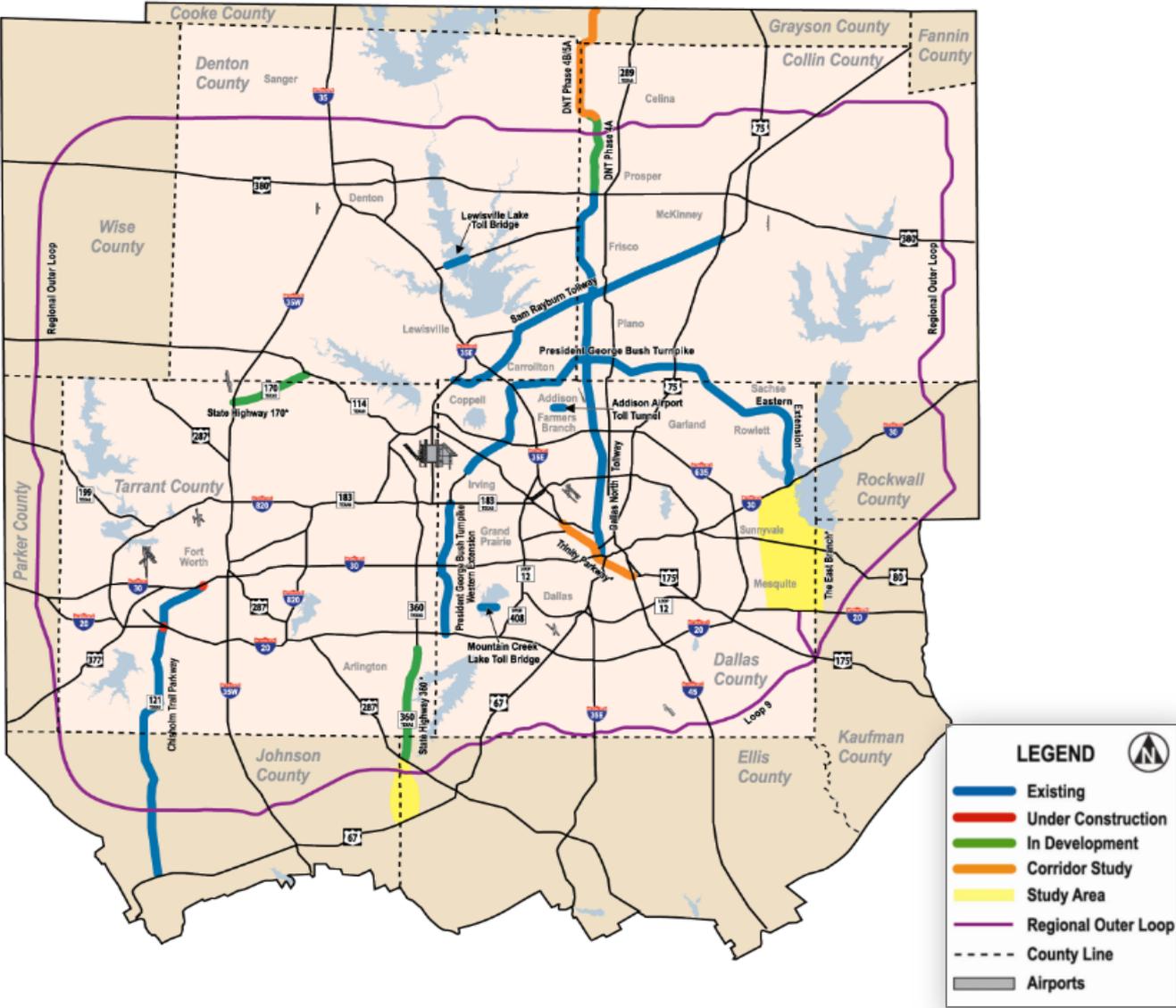
# Latest Edition



- **1997:** NTTA established
- **2007-2014:** More than **\$4 billion** investment in new/existing toll projects
- **2014:** **950** lane miles
- **2014:** Nearly **6 million** customers
- **To Date:** **\$3.4 billion** to regional non-tolled/tolled transportation projects



# NTTA Facility Map



# By the Numbers



**3 million**

Total active TollTags  
[2014]

Existing roadway system:

**950**

lane miles

**1.8 million**

Average daily  
weekday transactions in



**TOTAL REVENUE**

**2013**

\$

**5**

**7**

**3**

**m**

**i**

**l**

**i**

**o**

**n**

# Customer Service Matters

## Customer Service:



Annual customer contacts [2013]:  
**3.8 Million**



Annual web visits [2013]:  
**5.5 Million**



Customers who drive on NTTA toll road annually: **6.5 Million**



Number of local employees: **730**

that's why we have an

# 90%

customer satisfaction rate



that means 9 out of 10 people are satisfied with our customer service



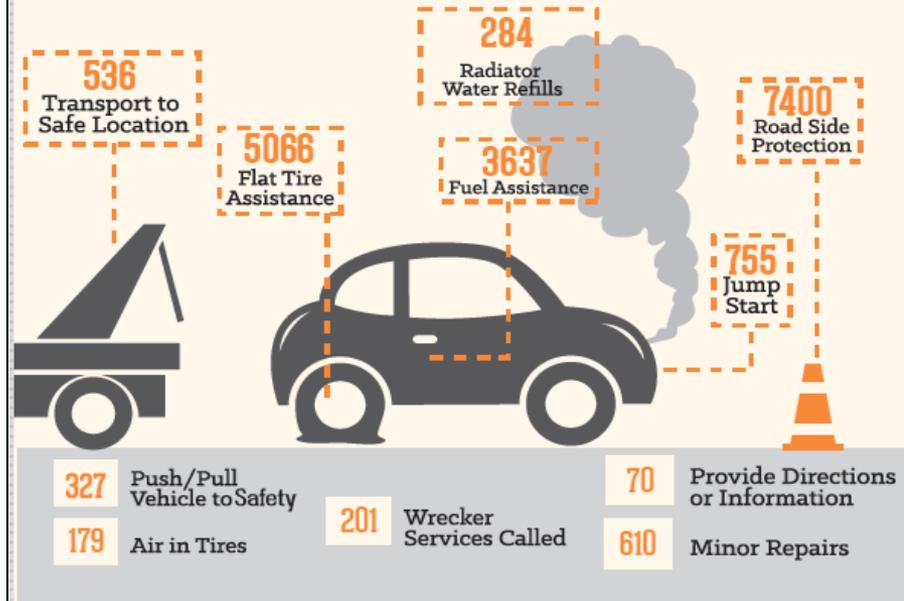
and we are working on that last person

In 2013 we helped

# 19,002

people reach their destination safely with **FREE** motor assists

## HERE'S THE "BREAKDOWN"



---

# Future Outlook: Capital Improvements

# Five-Year Capital Plan

Project Classification	2015	2016	2017	2018	2019	Total
Reserve Maintenance Projects	\$22,480,524	\$17,923,600	\$13,895,238	\$18,432,521	\$25,975,683	\$98,707,566
Capital Improvement Projects	\$179,686,993	\$163,639,400	\$103,880,525	\$53,001,101	\$32,843,256	\$533,051,275
Consolidated NTTA System Construction Projects	\$6,760,800	\$18,515,000	\$36,365,000	\$30,440,000	\$66,955,000	\$159,035,800
Special System Construction Projects	\$43,669,450	\$2,012,900	\$164,500	\$898,500	\$6,269,790	\$53,015,140
Corridors Under Study Projects	\$551,000	\$660,000	\$160,000	\$160,000	\$10,000	\$1,541,000
<b>TOTAL</b>	<b>\$253,148,767</b>	<b>\$202,750,900</b>	<b>\$154,465,263</b>	<b>\$102,932,122</b>	<b>\$132,053,729</b>	<b>\$845,350,781</b>

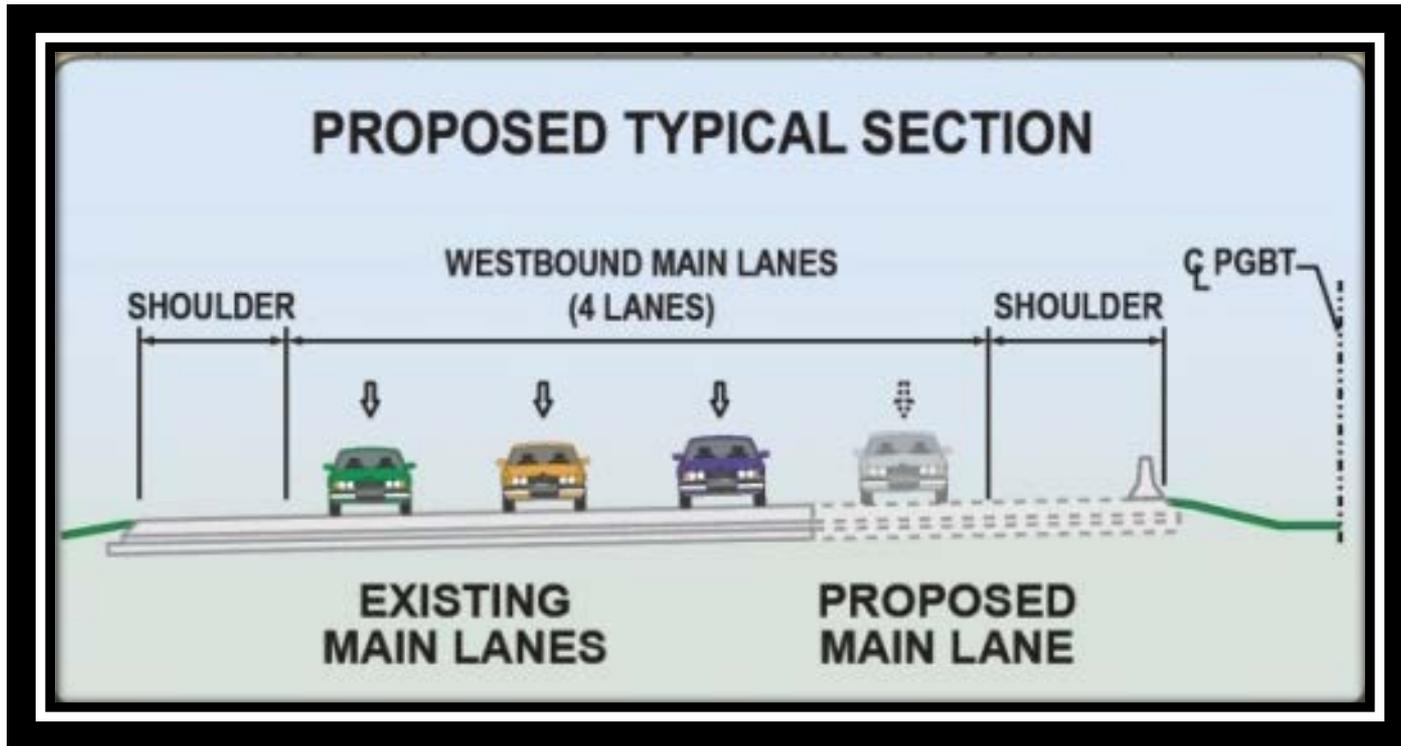
**Projects Classification from 2015 – 2019 total:  
\$845,350,781**

# PGBT Fourth Lane Project

- Widen to **four lanes** from I-35E to SH 78
- Scheduled to open to traffic in segments between 2016 and 2019
  - Seg.1 – DNT to US 75
  - Seg.2 – DNT to I-35 and US 75 to SH 78



# PGBT Fourth Lane Project



---

# Traveling NTTA's System

# Advantages of a TollTag

Roadway/ Tolling Point			
DNT at Trinity Mills	\$0.95	\$0.95	\$1.43
PGBT at Shiloh	\$1.05	\$1.05	\$1.58
SRT at Custer (main lane gantry)	\$1.80	\$1.80	\$2.70
Lewisville Lake Toll Bridge	\$1.06	\$1.06	\$1.59

- Significant savings compared to ZipCash toll rates
- Can be used to pay for parking at D/FW International and Dallas Love Field airports
- Good on any toll road in Texas and Oklahoma

# Places to get a TollTag

## NTTA Customer Service Centers

- Plano
- Irving
- Fort Worth

## Online at [NTTA.org](http://NTTA.org)

- We'll mail you your new TollTag

## Area retail locations

- 47 locations in Dallas County
- 18 locations in Collin County
- 26 locations in Tarrant County
- 3 locations in Johnson County

## Specialty TollTags



# TollTag Milestones



# We've Got Your Back



“ *These two gentlemen were so helpful, professional and safety conscious. I’m grateful for them.* ”

– NTTA Customer



# Safety on the Road

“I think the NTTA deserves high praise for maintaining a system that allows travelers to get the help they need in a timely manner.

We offered a generous amount of cash as a tip for helping us out in our time of need. I was absolutely astounded when they refused, after multiple insistences on our part, to take any money.”

– NTTA Customer



# Contact Us

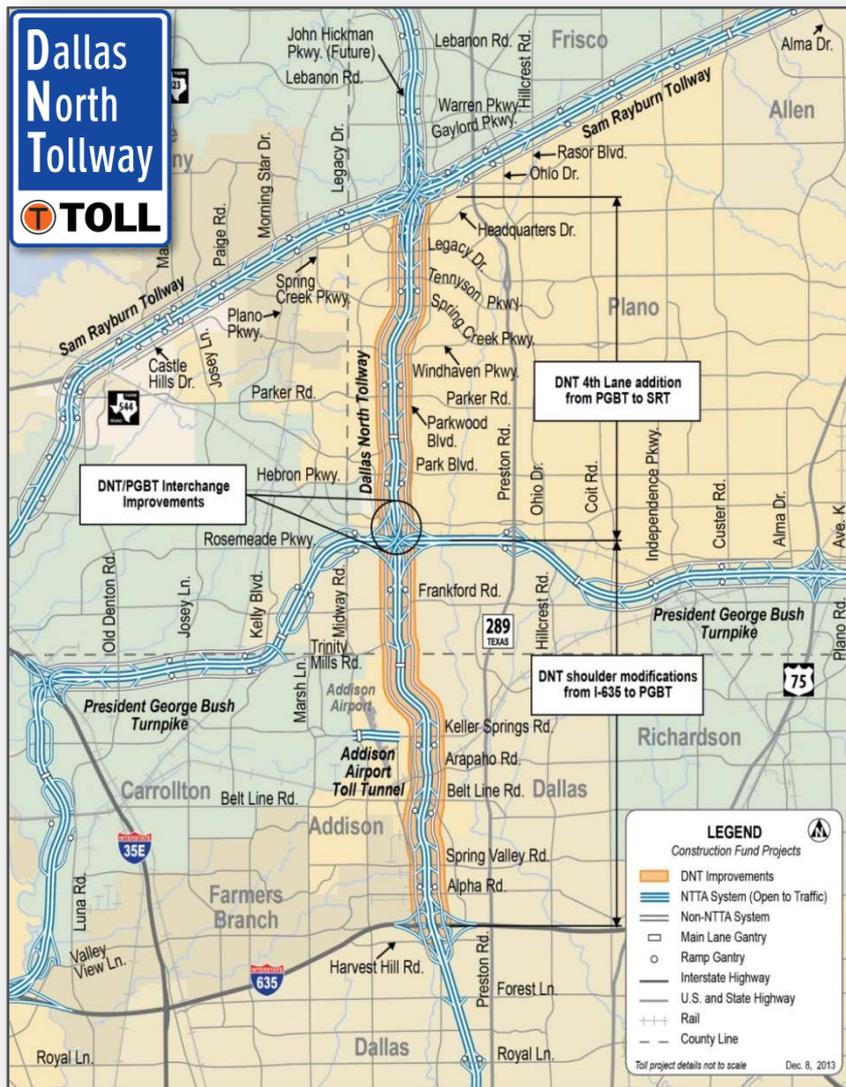
---

- **Online at NTTA.org**
  - Open and manage your account
  - News, information & more
- **NTTA Customer Service Center**
  - 972-818-NTTA (6882)
  - 817-731-NTTA (6882)
- **Roadside Customer Service**
  - 972-444-HELP (4357)



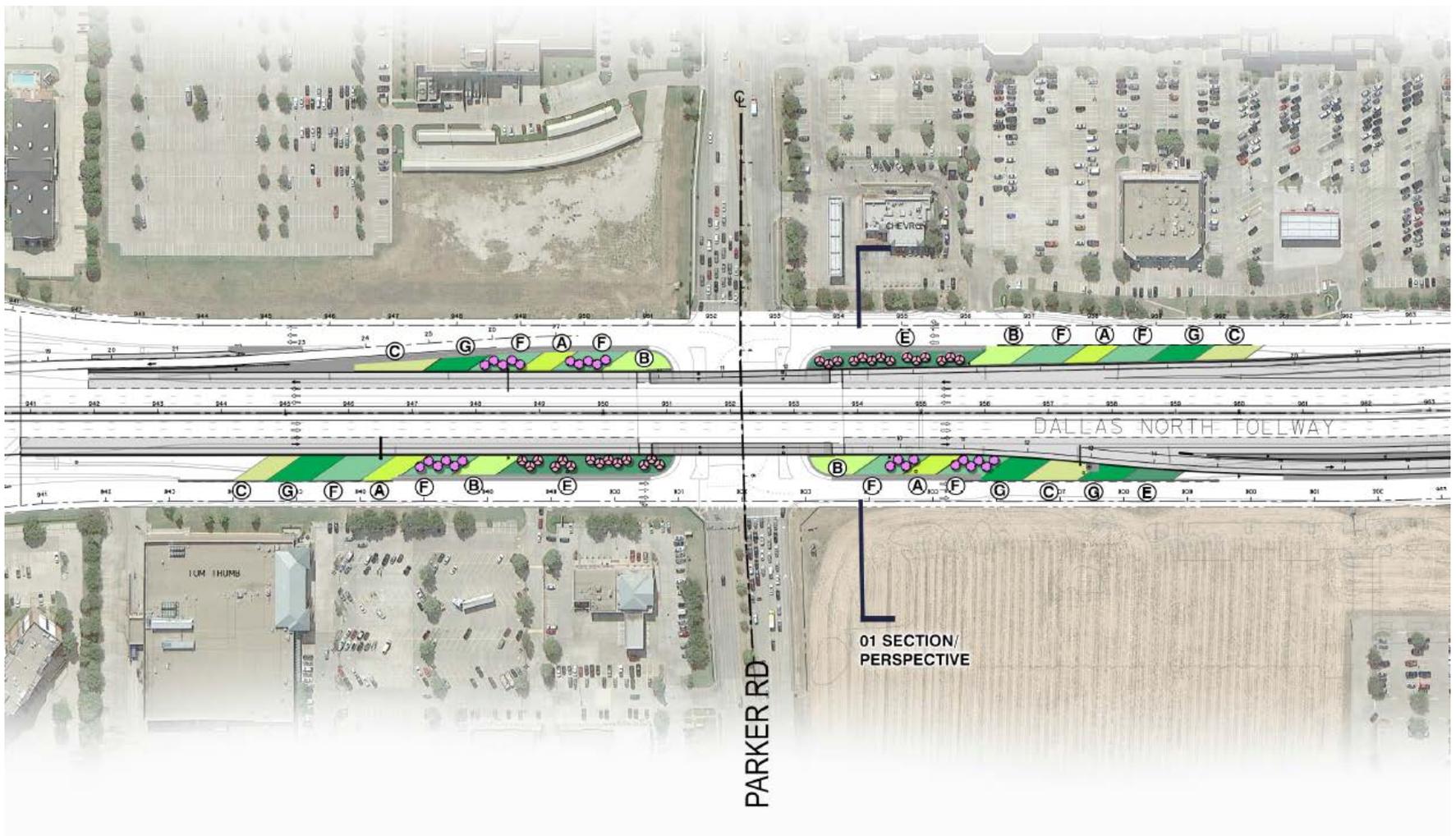
# Capital Improvements – DNT

- **SRT to PGBT:**  
Addition of a **fourth lane** with some new right of way needs
- **PGBT to Belt Line Road:**  
Addition of a **fourth lane** within the existing right of way
- **DNT/PGBT interchange:**  
Improvements to reconfigure existing direct-connector ramps

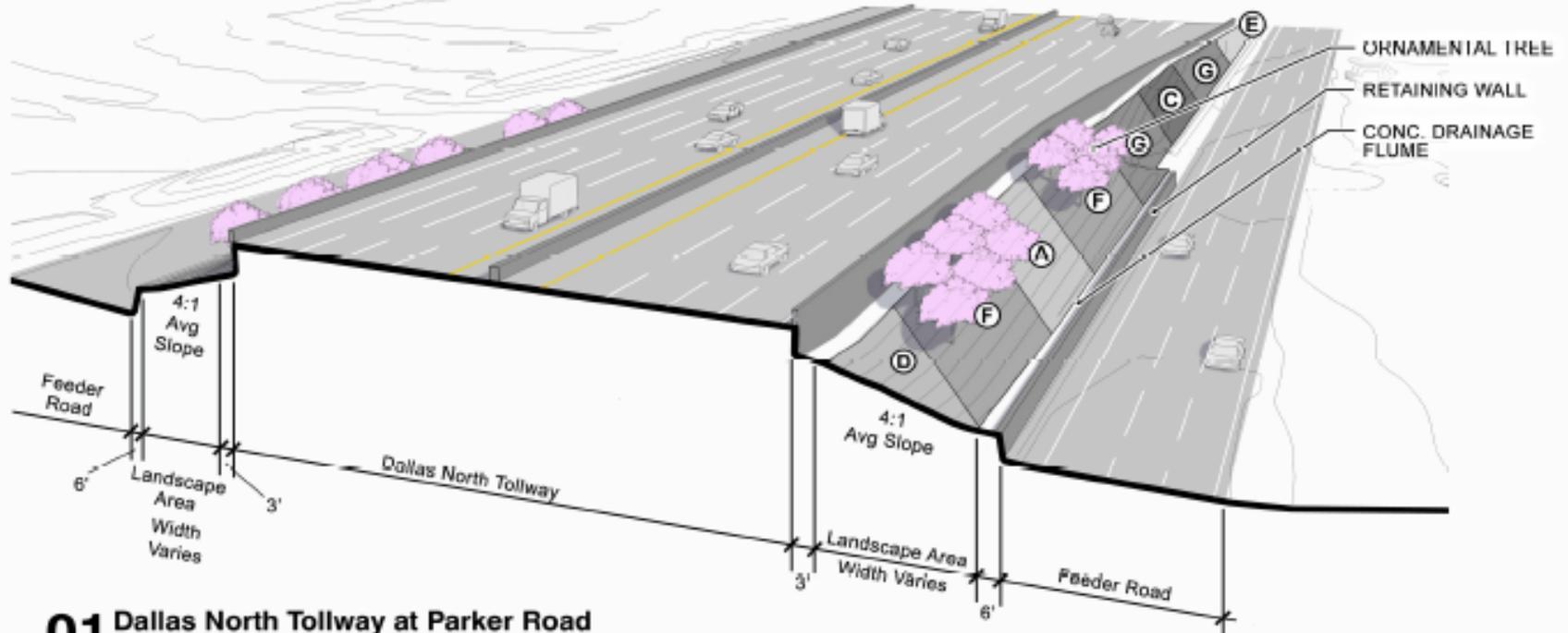




# DNT Improvements - North



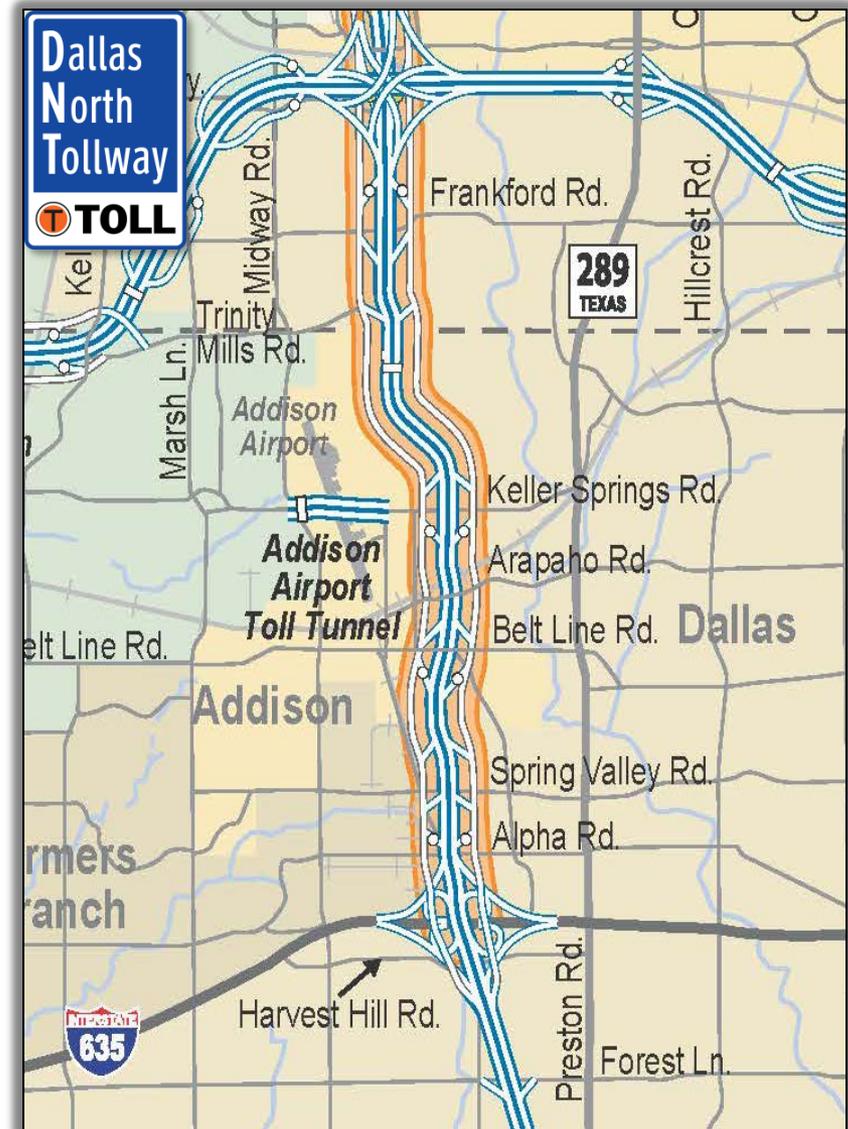
# DNT Improvements - North



# DNT Improvements - South

## PGBT to IH 635:

- Remove existing shoulder and add **fourth lane** from PGBT to Beltline
- Overlay and restriping from PGBT to 635

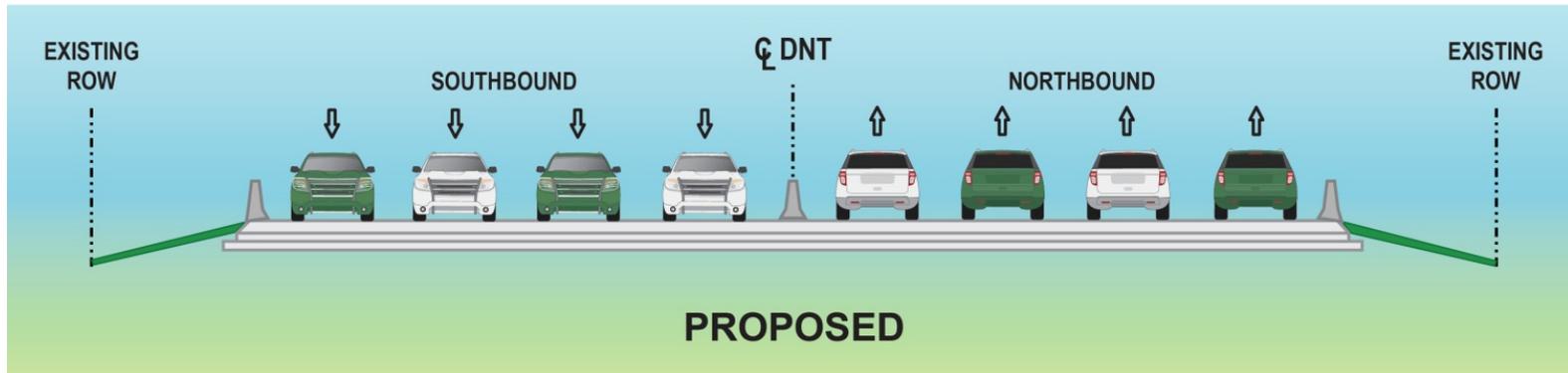
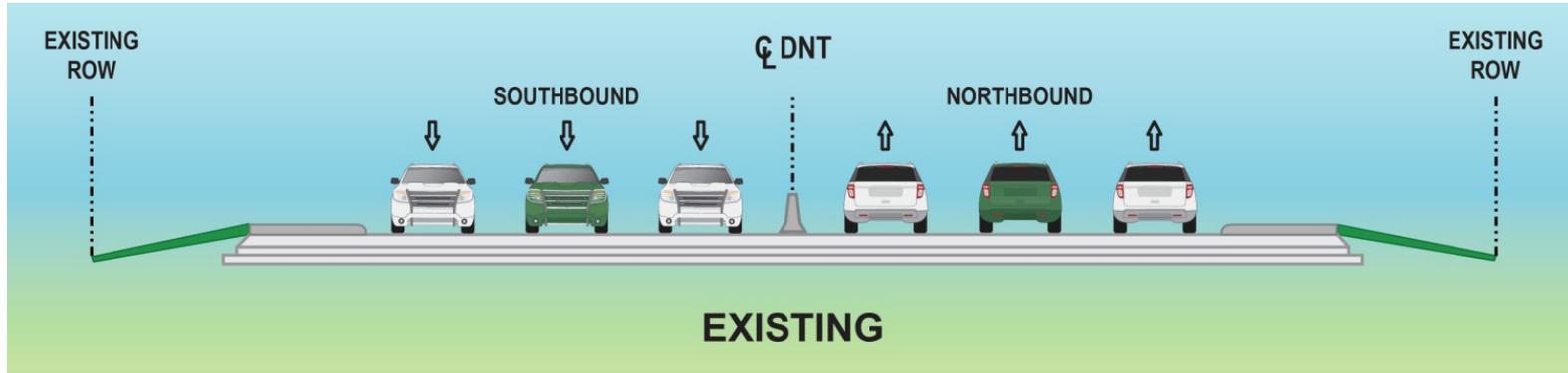


# Capital Improvements – DNT

- Design underway on multiple projects
- Construction anticipated to begin in 2015 with completion in early 2018



# DNT Improvements - Typical Sections



# SRT Fourth Lane Project



**LEGEND**

Construction Fund Projects

- SRT Widening
- NNTA System (Open to Traffic)
- Non-NTTA System
- Main Lane Plaza
- Ramp Plaza
- Interstate Highway
- U.S. and State Highway
- Rail
- County Line

Toll project details not to scale June 20, 2014

# Coming Soon –DNT Open Houses

*You're Invited*

Additional DNT open houses  
will be held in the future.

Check [NTTA.org](http://NTTA.org) at a later date  
for more information.

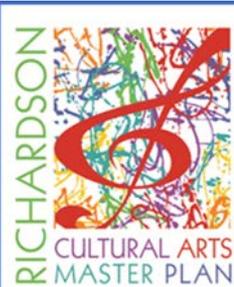
**NTTA**<sup>®</sup>

**NORTH TEXAS TOLLWAY AUTHORITY**



# Arts in Richardson Update

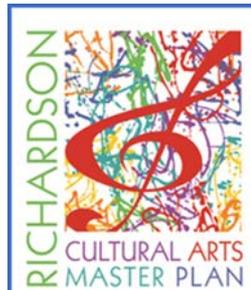
October 27, 2014



# Community Arts Website and Calendar



[www.artsinrichardson.com](http://www.artsinrichardson.com)



# RICHARDSON CULTURAL ARTS

INSPIRE CREATE EDUCATE



theatre music visual arts & film dance special events literary arts kids & families free events



**AIR Time - with guest artist Loyd Cryer**  
 Presented by AIR (Arts Incubator of Richardson)  
 October 15, 2014

AIR Time continues Season 5 on October 15 with featured artist Loyd Cryer. Love to be scared out of your wits? Love those classic zombie films? Ready for Halloween? Then this next "AIR Time" is just for you! Join us for a showing of the vintage 1968 NIGHT OF THE LIVING DEAD following the (read more ...)

1 2 3 4 5 ||

### find an event

Search by keyword, organization or venue:

[advanced search >](#)

Search by date:  
 10/14/2014  10/14/2014

Search by date range:  
   Next:    days

do you have an event you'd like to have listed?

THEATRE	MUSIC	ART & FILM	DANCE	LITERARY	FAMILY
---------	-------	------------	-------	----------	--------

featured events



**October Twilight Cabaret- Back to the 80s Halloween**  
 Presented by Repertory Company Theatre (RCT) at Repertory Company Theatre, Richardson  
 10/20/14



**Little Red Theatre Workshop**  
 Presented by Repertory Company Theatre (RCT) at Repertory Company Theatre, Richardson  
 09/22/14 - 10/25/14



### welcome to artsinrichardson.com

Welcome to ArtsinRichardson.com! This new website allows visitors to learn about the many arts events going on in Richardson in a single place. We expect Richardson residents will find ArtsinRichardson.com to be a valuable tool in planning local outings and supporting our many arts groups. Visitors will find out about the vibrant arts community in Richardson.



**The Bad Seed**  
 Presented by Richardson Theatre Centre at Richardson Theatre Centre, Richardson



**Steve Solomon's Cannoli, Latkes & Guilt: The Therapy Continues...**  
 Presented by Eisemann Center Presents and Charles W. Eisemann

# public art directory

Home > Public Art Directory > Leaves

Like Tweet +1 EMAIL FEEDBACK

## Leaves

Matthew Placzek is a sculptor based in Omaha, Nebraska, whose monumental works are easily recognized across that city. He has completed major commissions for hospitals and college campuses across the country, in range of subjects and styles, including abstract botanical forms, realistic human and animal figures, soothing designs for healing gardens, and whimsical versions of team mascots.



### Details About This Piece

**Type(s):** Outdoor Sculpture

**Media:** Tnemc Paint on Aluminum

**Website:** <http://www.methodisthealthsystem.org/richardson>

#### associated artists

- Matthew Placzek

#### collections

- Methodist Richardson Medical Center

#### photos

### Photos Gallery



#### videos

### Videos

### Location Details

2831 E. President George Bush Highway – at Renner Road  
Richardson, TX 75082

## find an event

Search by keyword, organization or venue:

GO

[advanced search »](#)

Search by date:



GO

Search by date range:

today tomorrow weekend Next: 7 14 30 days

do you have an event you'd like to have listed?

[+ SUBMIT A LISTING](#)

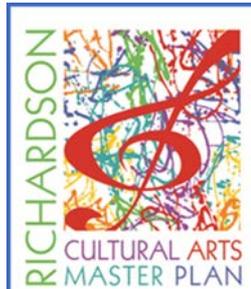


[artsinrichardson.com](http://artsinrichardson.com)

We hope to inspire participation in Richardson's wide variety of events and activities by providing you with comprehensive information about what to do and where to go for unique cultural experiences. Our goal is to make art an important part of every day, and we hope this site will help you as you seek to explore art exhibit, enjoy a performance or create a work of art of your own.

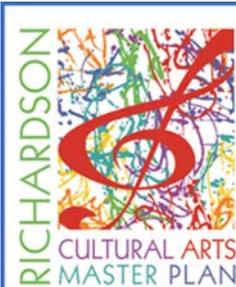
# Community Arts Website Stats

- ▶ Currently have 83 different events listed on the website
- ▶ Arts in Richardson Website (April 1, 2014 – October 15, 2014)
  - 4,527 sessions
  - 3,440 users
  - Average Session Duration: 2:13
  - 75.5% new visitors
  - 24.5% returning visitors



# Communication Efforts

- ▶ Arts in Richardson.com - Utility Bill Insert in September 2014
- ▶ Richardson Living article – “Arts for Today and Tomorrow” – September/October
- ▶ Richardson Central Rotary presentation – “Cultural Arts in Richardson” – October 6, 2014
- ▶ Leadership Richardson Class XXX “Cultural Arts Day” Presentation – November 14, 2014
- ▶ Richardson Chamber of Commerce Signature Luncheon - “When Business and the Arts Collide” featuring Craig Hall – December 11, 2014



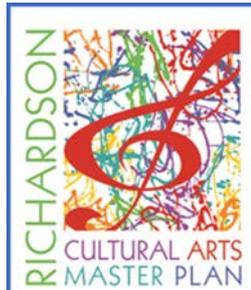
# Grants Writing Workshop for Arts Organizations

- ▶ On October 25<sup>th</sup>, the Arts Commission sponsored a grant writing workshop for all arts grants organizations at the Eisemann Center
- ▶ 38 participants representing 26 arts organizations attended this workshop
- ▶ Michelle Monse, President of the Carl B. and Florence E. King Foundation provided insights on:
  - Common Characteristics of an Unsuccessful Request
  - Key to a Good Letter of Inquiry or Proposal
  - Why Homework is Important

# Proposed Name Change

## Richardson Cultural Arts Commission

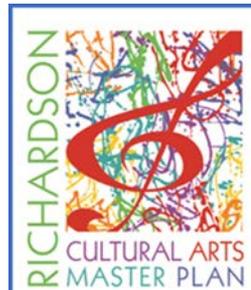
- ▶ The Arts Commission is established through Chapter 2.96 of the Code of Ordinances
- ▶ At a September 11, 2014, the Arts Commission discussed and voted to recommend to the City Council to change the name to the "Richardson Cultural Arts Commission"
- ▶ Members felt that using the phrase "cultural arts" better reflected the community's arts offerings (Islamic Art Revival Series, Dallas Chinese Community Center, Texas Performing Chinese Arts Association) and was in alignment with the City's Cultural Arts Master Plan



# Proposed Name Change

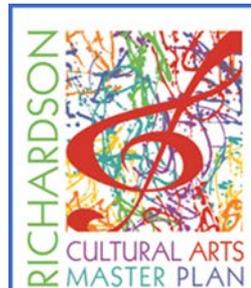
## Richardson Cultural Arts Commission

- ▶ Excerpt from the Cultural Arts Master Plan:  
“Richardson weaves culture through all aspects of city life, thus strengthening community pride and identity and enhancing quality of life.”
- ▶ Examples from North Texas
  - Dallas – Cultural Affairs Commission
  - Plano – Cultural Affairs Commission
- ▶ If this recommendation is accepted, the City Council would need to adopt an ordinance reflecting this name change at a future City Council meeting



# Arts Initiative Grant

- ▶ Arts Commission continues to discuss and finalize plans for an Arts Initiative Grant program
  
- ▶ Preliminary Findings:
  - Arts initiative grants are for special opportunities that are not included in an arts organization's normal budget process or regular programming
  - Requests will be evaluated on their ability to achieve one or more of the priorities identified in the Cultural Arts Master Plan
    - Cultivate new generations of arts participants
    - Apply Richardson's focus on innovation to cultural arts
    - Promote Richardson through citywide cultural arts offerings
    - Focus on strength in numbers: cultural clusters and districts
    - Plan an effective cultural tourism strategy



# Arts Initiative Grant

- ▶ Eligible requests include:
  - Unforeseen or unique opportunities that are not part of an organization's regular season
  - Equipment relative to the artists or professional aspects of an organization
- ▶ Project support is not designed to support an organization's annual expenses, but rather a specific event or series of events
- ▶ Funding of requests is not guaranteed, but will be at the discretion of the Arts Commission and the City Council. The City of Richardson reserves the right not to allocate the funds available this fiscal year
- ▶ Arts initiative grant information will be available beginning January 1<sup>st</sup> and the deadline for the first review of grant requests is March 31<sup>st</sup>

# Public Art Master Plan - Update

- ▶ August - External and Internal Public Art Task Forces reviewed preliminary recommendations with City staff and consultants
- ▶ September – Meetings with key City staff
- ▶ October/November – Site visit with consultants to refine key findings, recommendations and proposed policies
- ▶ December 15<sup>th</sup> – Joint meeting of the City Council and Arts Commission to review and discuss preliminary findings and recommendations

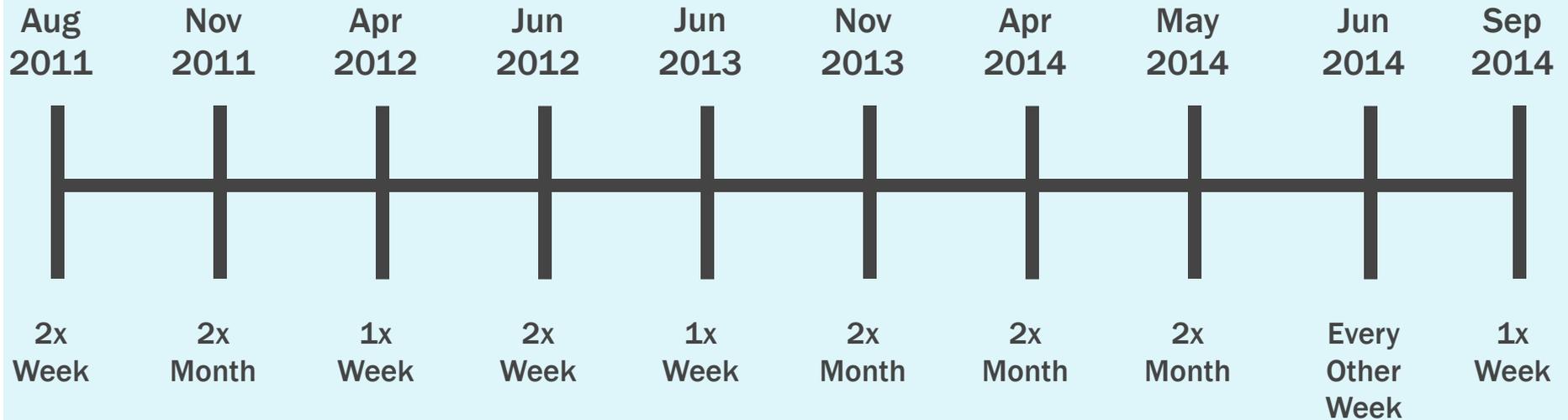


Questions, Comments or  
Suggestions?

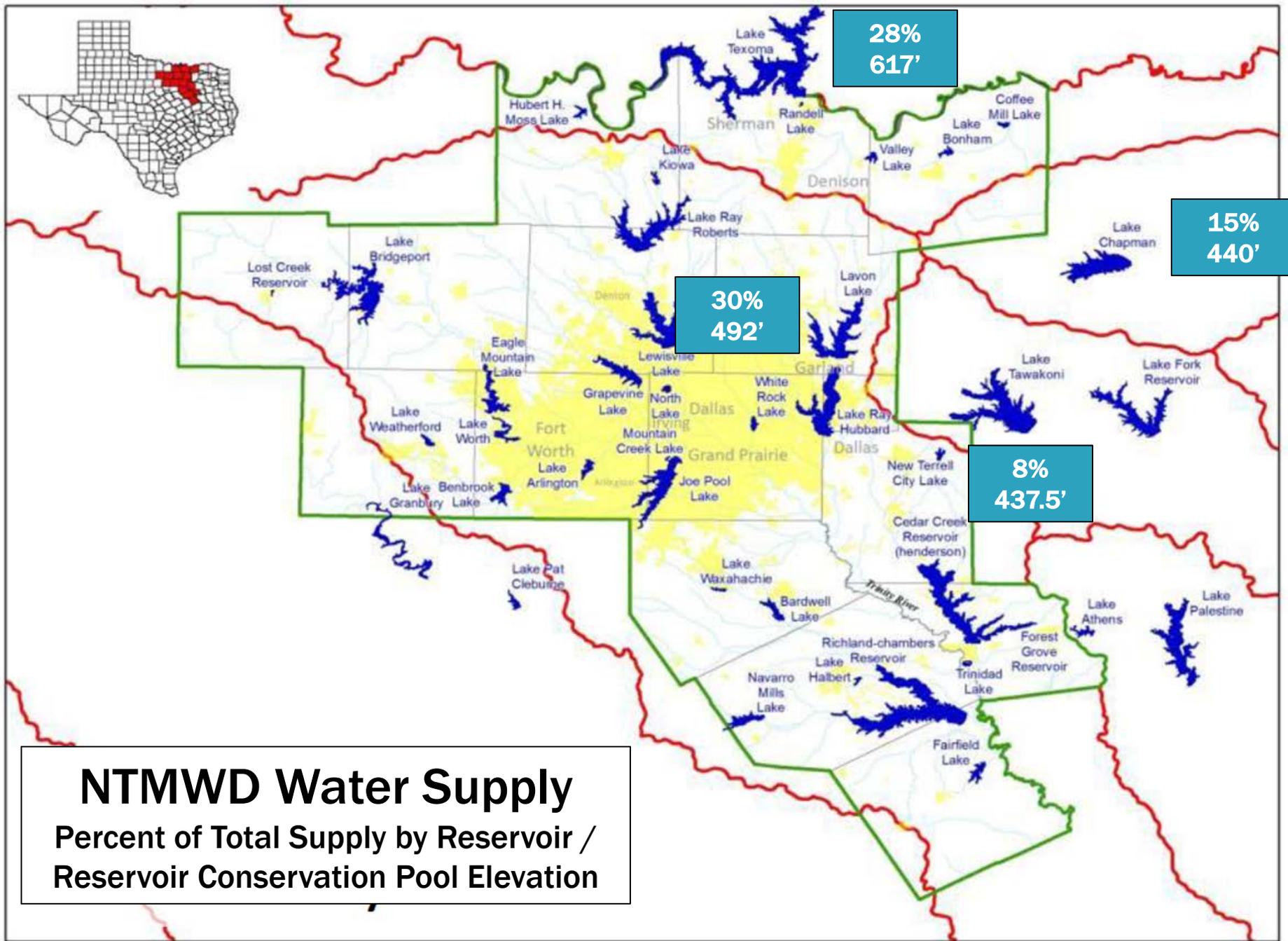
# **MODIFIED STAGE 3 WATER RESTRICTIONS**

**City Council Briefing: October 27, 2014**

# WATER RESTRICTIONS TIMELINE



# CONDITIONS ASSESSMENT



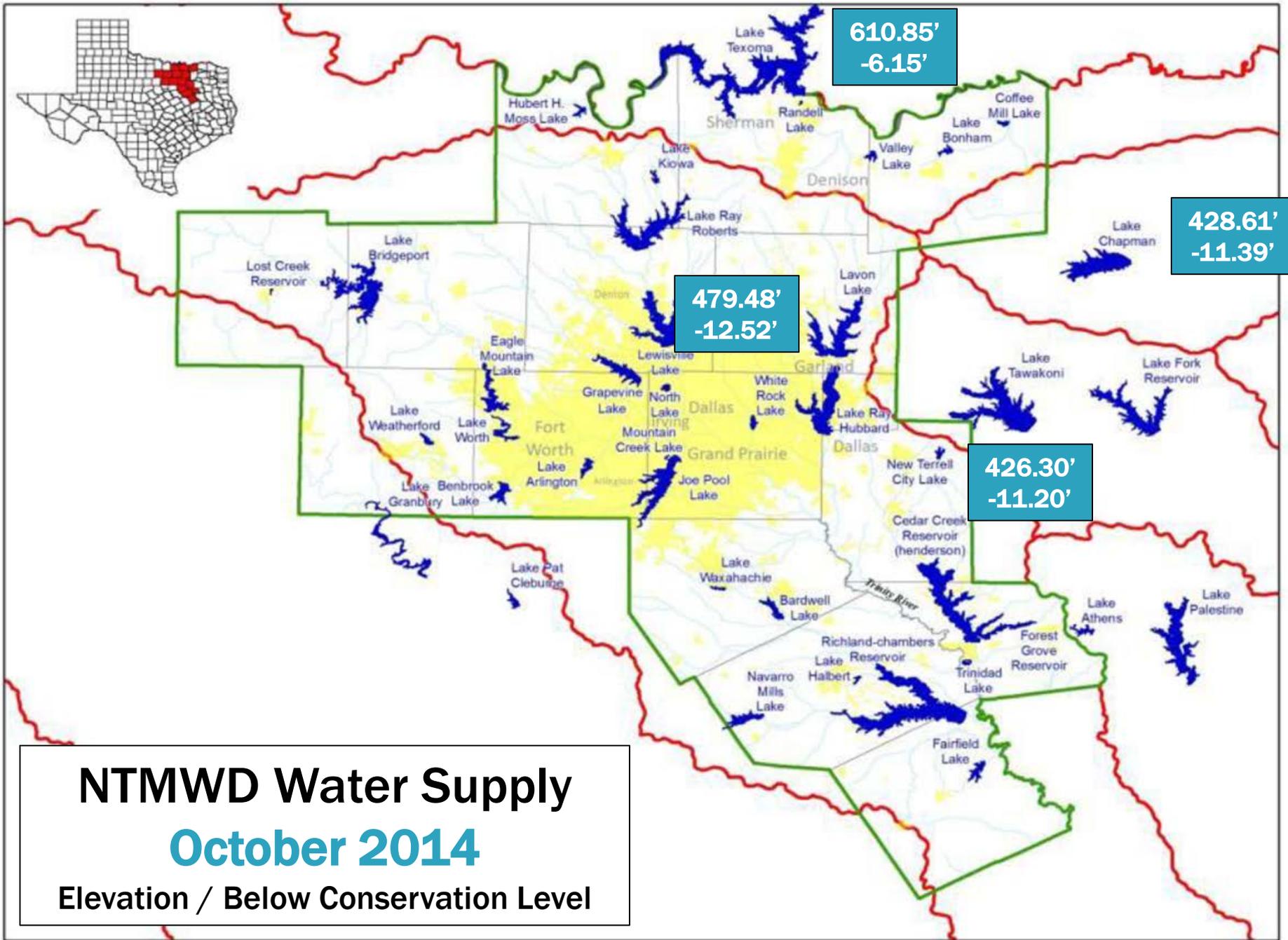
**28%  
617'**

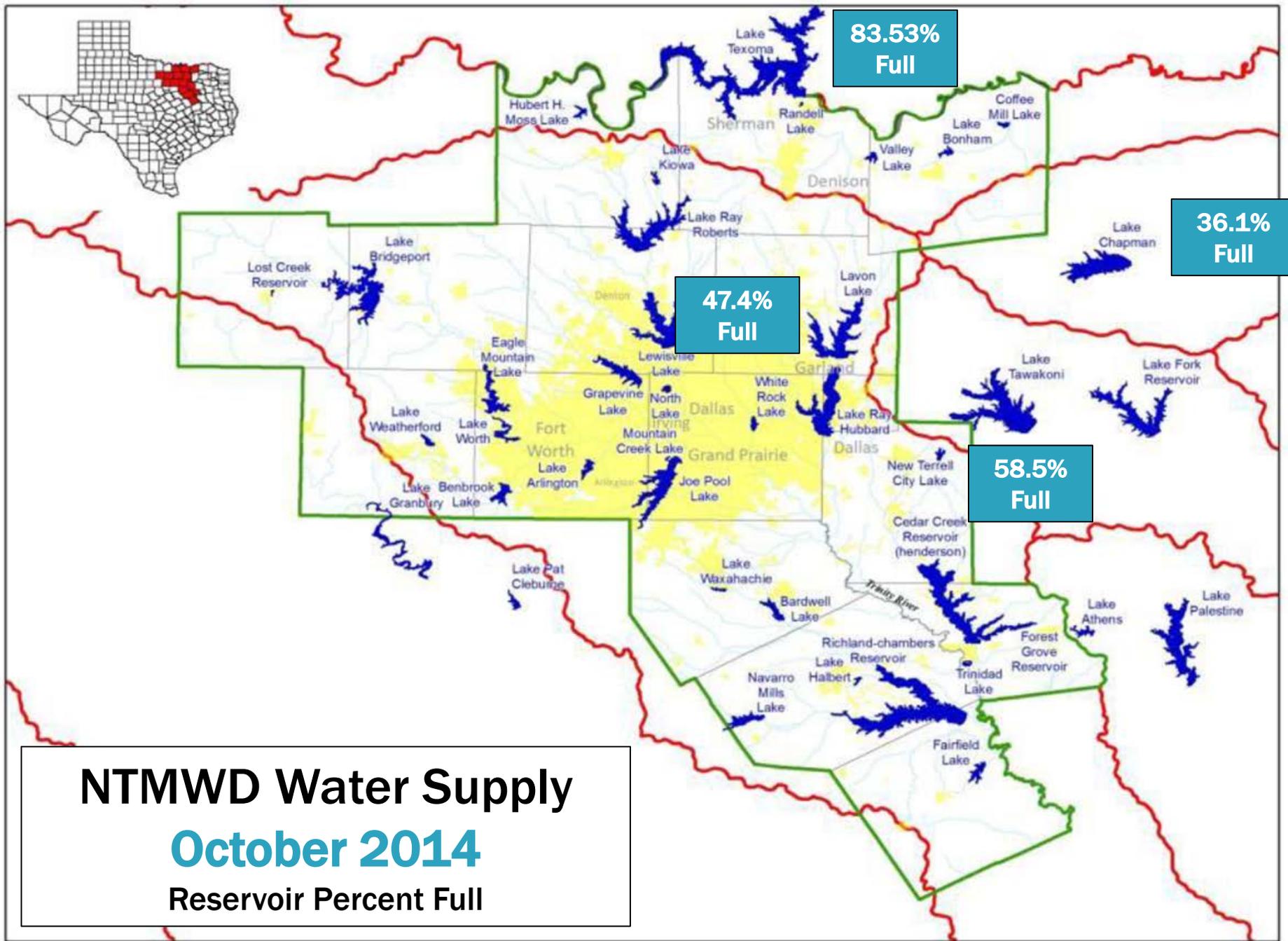
**30%  
492'**

**8%  
437.5'**

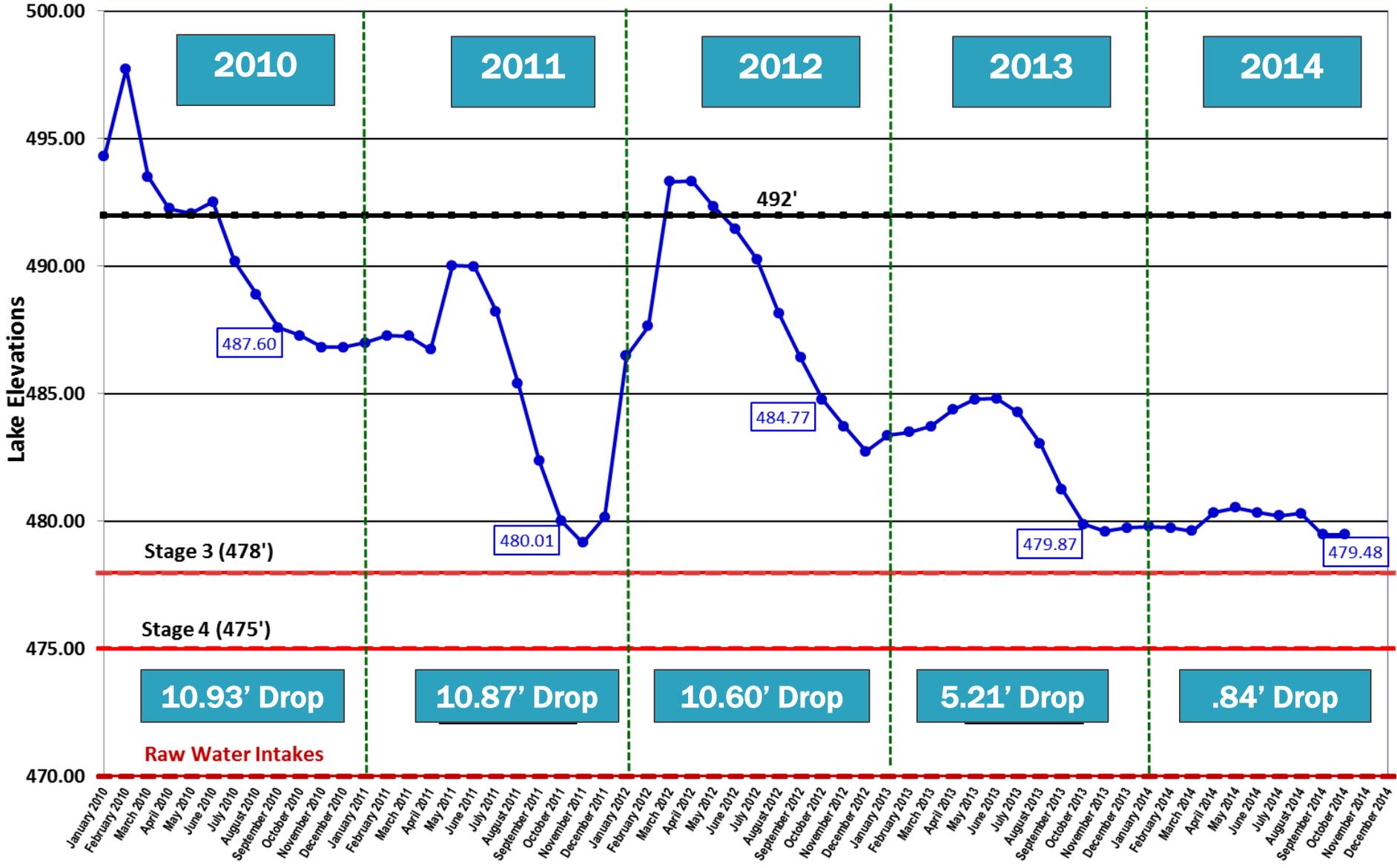
**15%  
440'**

**NTMWD Water Supply**  
Percent of Total Supply by Reservoir /  
Reservoir Conservation Pool Elevation





# Lake Lavon Elevations by Month

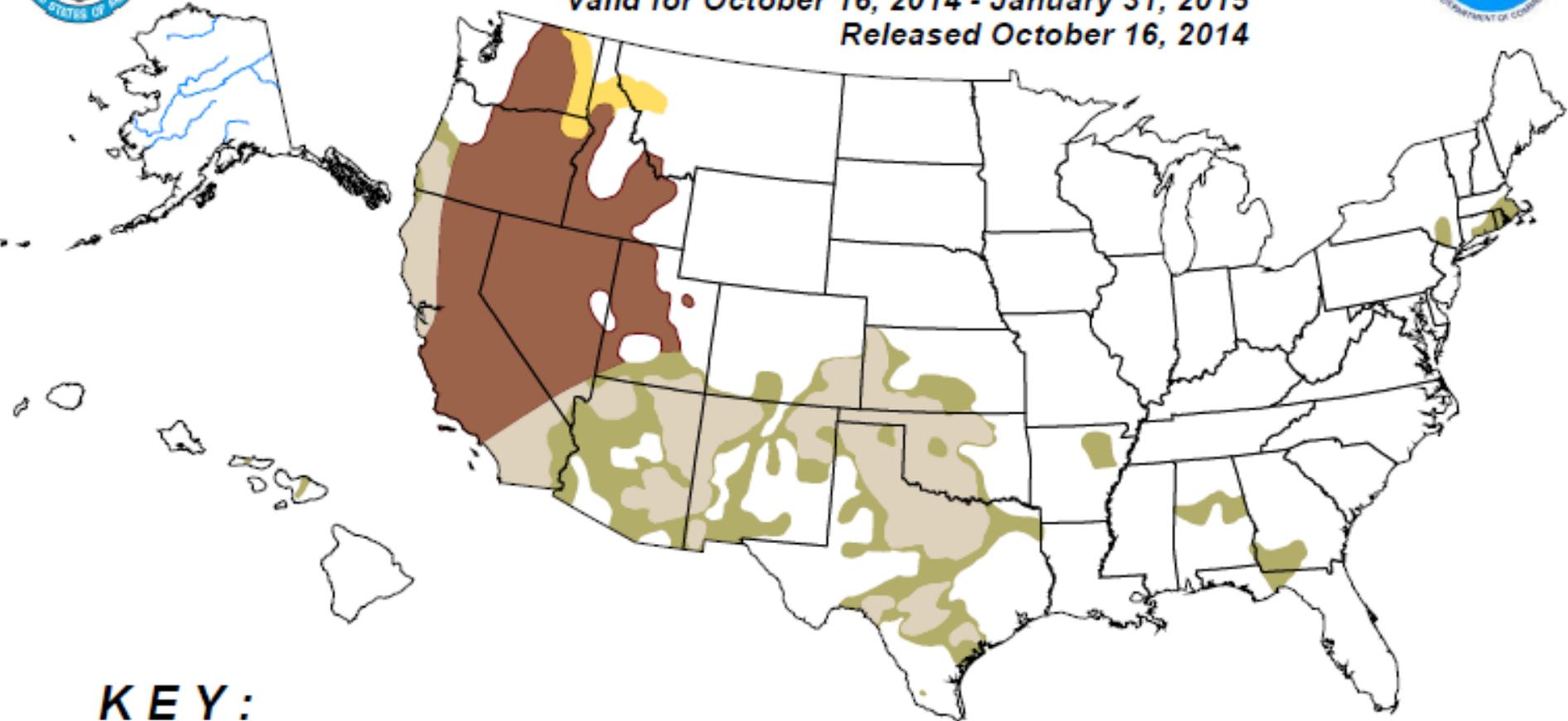




# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for October 16, 2014 - January 31, 2015  
Released October 16, 2014



### KEY:

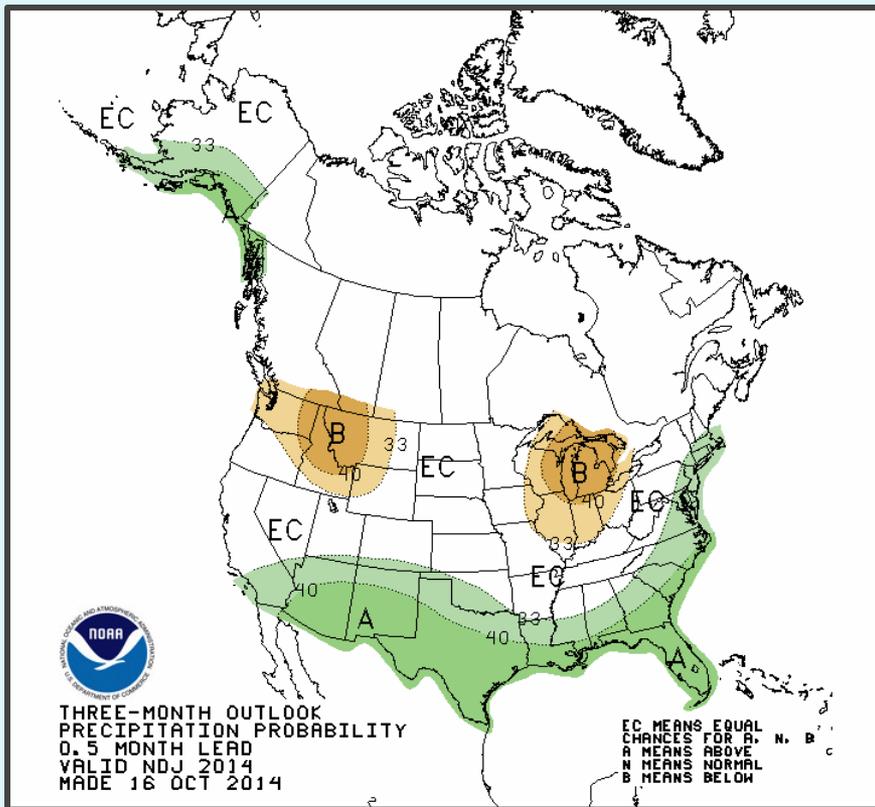
-  Drought persists or intensifies
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

**Author: Brad Pugh, Climate Prediction Center, NOAA**  
[http://www.cpc.ncep.noaa.gov/products/expert\\_assessment/sdo\\_summary.html](http://www.cpc.ncep.noaa.gov/products/expert_assessment/sdo_summary.html)

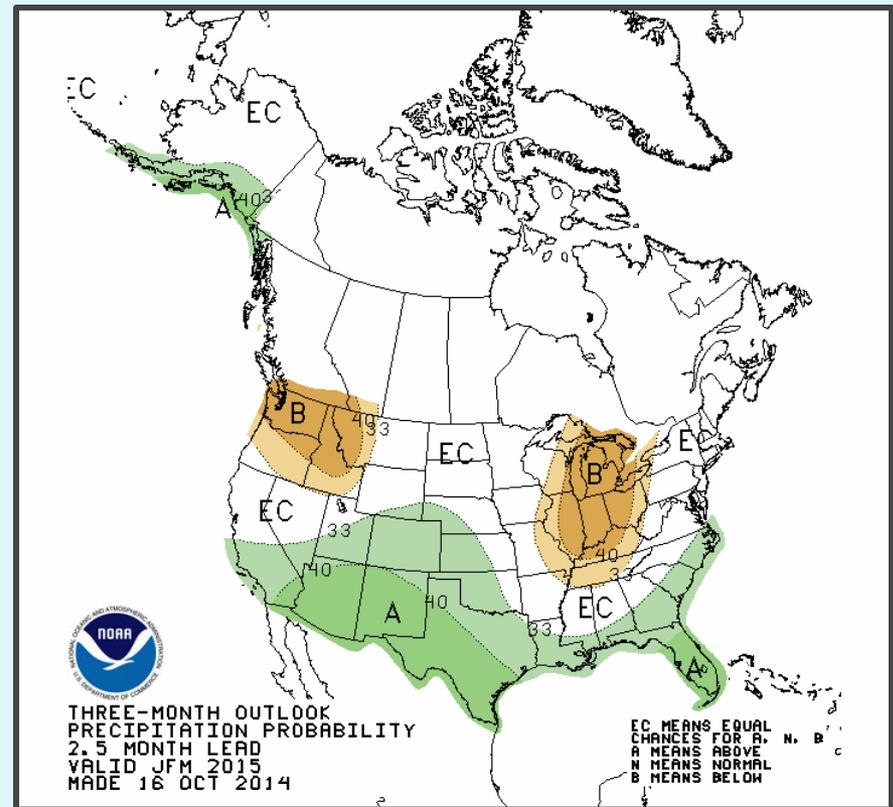
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity).

For weekly drought updates, see the latest U.S. Drought Monitor.  
 NOTE: The tan area areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period although drought will remain.  
 The Green areas imply drought removal by the end of the period (D0 or none)

# NATIONAL WEATHER SERVICE PRECIPITATION FORECASTS



Outlook for Nov-Dec-Jan 2014-15



Outlook for Feb-Mar-Apr 2015

**NEXT STEPS**

# NTMWD / COR ACTION

- On October 23rd, the NTMWD Board of Directors voted to return to Modified Stage 3, every other week watering, through March 31, 2015.
- On November 1, 2014, the City Manager will execute Administrative Order 14-04, thereby adopting Modified Stage 3 Water Restrictions locally.

# LAWN WATERING SCHEDULE NOVEMBER 2014 – MARCH 2015



[COR.net/WaterConservation](http://COR.net/WaterConservation) • 972-744-4220

## Lawn Watering Schedule

Every other week

Seasonal watering schedule effective until further notice.  
Watering allowed anytime on designated day. Please water only as needed, based on moisture content of the soil.

**Water days for odd numbered addresses (ending in 1, 3, 5, 7, 9)**

**Water days for even numbered addresses (ending in 2, 4, 6, 8, 0)**

November 2014						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24	25	26	27	28	29

December 2014						
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January 2015						
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2015						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March 2015						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# WINTER CONSIDERATIONS

- Given the season, these restrictions are anticipated to have a minimal impact on the community
  - Most grass and many types of vegetation are dormant throughout this time and do not require regular watering
  - Evaporation is significantly less during this time which results in higher ground moisture levels
- Watering will be permitted between 10 am - 6pm
  - Reduce the possibility of watering during freezing temperatures - early morning / late night

# LAWN WATERING SCHEDULE EXCEPTIONS

- 1. Foundations, new landscaping, new plantings of shrubs, and trees may be watered for up to 2 hours on any day by a hand-held hose, a soaker hose, or a dedicated zone using a drip irrigation system**
- 2. Public athletic fields used for competition may be watered as needed**
- 3. Golf courses may water greens and tee boxes as needed**
- 4. Locations using other sources of water supply for irrigation may irrigate without restrictions**
- 5. Smart irrigation and drip irrigation systems**

# OTHER MODIFIED STAGE 3 REGULATIONS

- 1.** Watering during any period of precipitation is prohibited
- 2.** Using water in such a manner as to allow excessive runoff or other waste is prohibited
- 3.** Hydroseeding, hydromulching and sprigging are permitted
- 4.** Washing of vehicles, boats, trailers or other similar vehicles is permitted
- 5.** Washing or hosing down of sidewalks, driveways, patios, porches, parking areas or other similar paved surfaces is permitted

# OTHER MODIFIED STAGE 3 REGULATIONS

- 6.** Newly constructed swimming pools, Jacuzzis and spas may be filled
- 7.** Pools, Jacuzzis and spas may be drained and refilled for repairs as needed
- 8.** Existing swimming pools, Jacuzzis and spas may be replenished to maintain operational levels
- 9.** The operation of ornamental fountains is permitted
- 10.** Commercial full-service or self-service car wash facilities, including those at service stations and automobile dealership facilities are permitted to operate

# TURN OFF YOUR IRRIGATION SYSTEM

- In conjunction with other NTMWD Cities, Richardson is asking its water customers to evaluate ground moisture and water only when needed
- Customers are encouraged to turn their irrigation system off and only water when their moisture meter reads “Dry”
- Moisture meters are available from the City as part of the Outdoor Water Conservation Kits for \$5

# MEASURE BEFORE YOU WATER

## RICHARDSON TODAY

Published by the City of Richardson

www.cot.net

October 2011, Vol. 24, No. 1



## Water Conservation Kits Know when to water

Help conserve water with the City of Richardson's outdoor and indoor water conservation kits. You can purchase both kits at the Water Customer Service Office, 411 W. Arapaho Rd. Suite 101, and at the Richardson Service Center, 1260 Columbia Dr.

### Outdoor Kit

The kit contains a soil moisture meter probe that helps you know when to water, a deluxe seven-spray hose nozzle and a rain gauge. Cost is \$5 each.



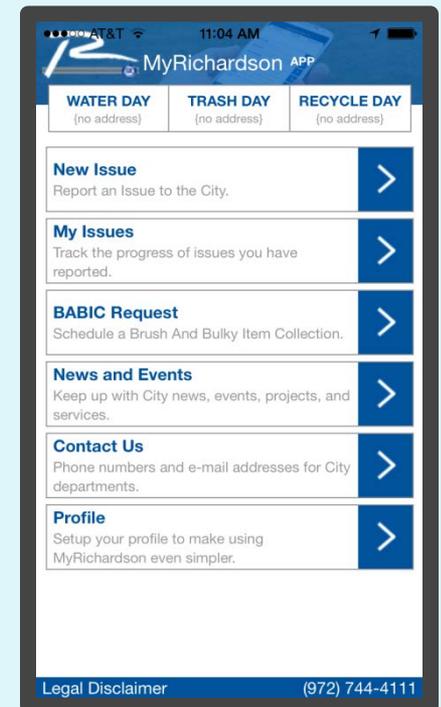
### Indoor Kit

This kit contains 2 Earth Massage Showerheads, 2 Faucet Sink Aerators, 1 Toilet Tank Bank, 1 Swivel Kitchen Aerator, 1 Leak Detection Pack and 1 Flow Meter Bag. Cost is \$8 each.



# EDUCATION & ENFORCEMENT

- Begin communicating the continuation of Modified Stage 3 immediately
- Continue enforcement with an emphasis on education
  - My Richardson App:
    - Residents can learn more about their watering day and general restrictions
    - Residents can report violations
      - Online at [www.cor.net](http://www.cor.net) or by calling
      - 972-744-4111



# WATER DISTRIBUTION SYSTEM CONSIDERATIONS

- **The Production & Quality Challenge**
  - **Balancing the need to deliver water during times of peak demand with transporting water through the distribution system as expeditiously as possible to ensure quality.**

# WATER DISTRIBUTION SYSTEM CONSIDERATIONS

- What happens when water demand exceeds expectations?
  - Water pressure issues
  - Equipment failure more likely
  - Fire fighting needs potentially compromised
- What happens when water demand does not meet expectations?
  - Water remains in storage tanks and mains longer than desired.

# WATER DISTRIBUTION SYSTEM CONSIDERATIONS

- Every city is required to test Chloramine levels regularly and take action to protect the safety of the water if low levels are detected.
- Richardson uses a variety of strategies, including: water schedule changes, water truck utilization, strategic irrigation plans, and hydrant flushing.



# COMMUNICATIONS STRATEGY

- cor.net
- Water Bill Insert
- Week in Review
- Email Update Program
- Features
- Richardson Today – Homeowners Association Edition
- Speaking opportunities at neighborhood, civic and social organization meetings, community partners meetings, etc.



## NOTICE: Winter Stage 3 Restrictions TWICE A MONTH WATERING EFFECTIVE NOV. 1, 2013

The North Texas Municipal District (NTMWD) announced it is requesting all of its member and customer cities to implement Winter Stage 3 water conservation measures effective Nov. 1, 2013.

The City of Richardson has developed the following plan based on the guidelines requested by the NTMWD. The winter Stage 3 watering schedule does not conform to the City's prior Stage 3 water conservation plan. The plan has been updated by administrative order signed by the City Manager to implement more restrictive measures in order to meet conservation demands.

### Winter Stage 3 Watering Schedule for Lawn Sprinklers

Last digit of address	Allowed landscape watering days
0, 2, 4, 6, 8 (even)	First and third Saturdays of the month
1, 3, 5, 7, 9 (odd)	First and third Sundays of the month

Watering allowed anytime on designated day.



For a complete list of Stage 3 watering restrictions visit [cor.net](http://cor.net) or use your smartphone to scan this QR code:



# **MODIFIED STAGE 3 WINTER WATER RESTRICTIONS**