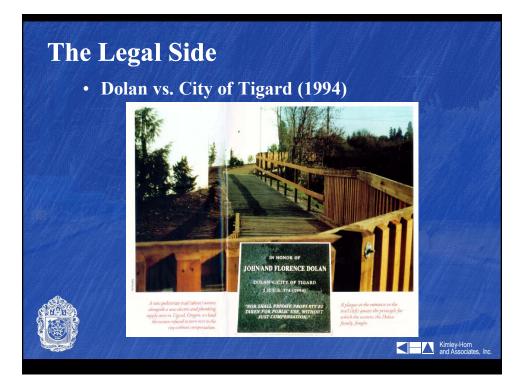


The Legal Side

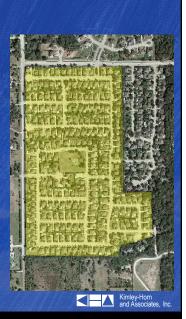
- US Supreme Court Cases
- Nollan vs. California Coastal Comm'n (1987)
 - The Beachfront Path nature of exaction vs. the impacts the commission sought to mitigate
 - Do permit conditions have an essential nexus to legitimate state interests?
 - Typically easy to satisfy for transportation
- Dolan vs. City of Tigard (1994)
 - Hardware store expansion drainage and bikeway
 - Is the taking <u>roughly proportional</u> in nature and to the extent to the impact of the development?

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Flower Mound Details

- Texas Supreme Court
- Flower Mound vs. Stafford Estates (2002)
 - Town required Stafford to reconstruct Simmons Road (north-south road) in conjunction with the development
 - Stafford complied under protest and later challenged



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- Texas Supreme Court
- Flower Mound vs. Stafford Estates (2002)
 - ✓ Nollan upgrading Simmons Road
 "substantially advanced" legitimate interests
 (and had an essential nexus)
 - * Dolan the improvements were not roughly proportional to the impacts of the development

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Flower Mound Aftermath

- Texas Supreme Court Says:
 - An "individualized determination" must be made for a taking required as a condition of approval (a "rough proportionality test")
 - Court allowed consideration of impact to total facilities system, not just the specific exaction
 - Calculations do not require "mathematical exactitude"

 Reality: Rough proportionality <u>must</u> be incorporated into subdivision regulations

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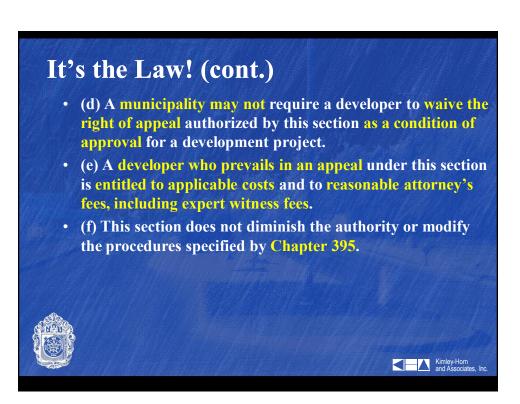
It's the Law!

- September 2005 79th Session of Texas Legislature Passes HB 1835 amending Section 212 of the Local Gov't Code
- (a) If a municipality requires as a condition of approval for a property development project that the developer bear a portion of the costs of municipal infrastructure improvements by the making of dedications, the payment of fees, or the payment of construction costs, the developer's portion of the costs may not exceed the amount required for infrastructure improvements that are roughly proportionate to the proposed development as approved by a professional engineer who holds a license issued under Chapter 1001, Occupations Code, and is retained by the municipality.

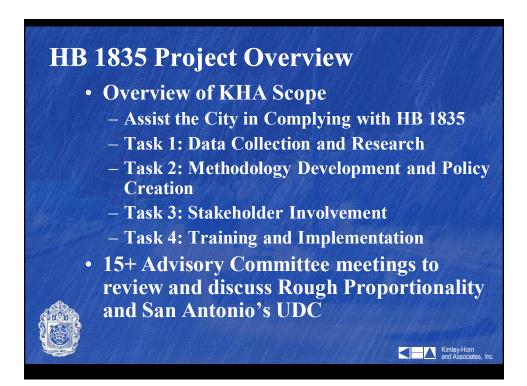
It's the Law! (cont.)

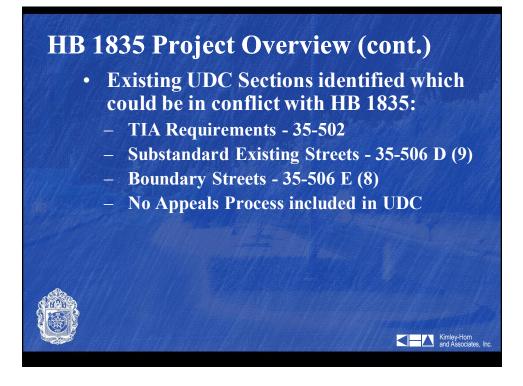
- (b) A developer who disputes the determination made under Subsection (a) may appeal to the governing body of the municipality. At the appeal, the developer may present evidence and testimony under procedures adopted by the governing body. After hearing any testimony and reviewing the evidence, the governing body shall make the applicable determination within 30 days following the final submission of any testimony or evidence by the developer.
- (c) A developer may appeal the determination of the governing body to a county or district court of the county in which the development project is located within 30 days of
 the final determination by the governing body.

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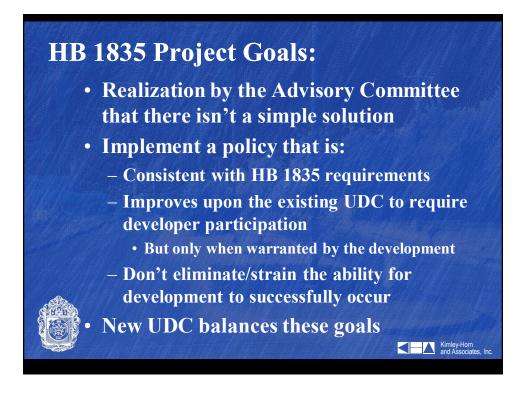


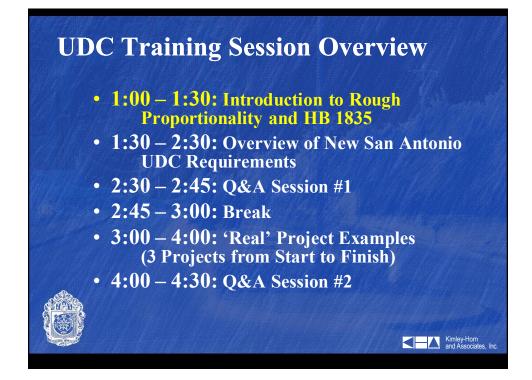


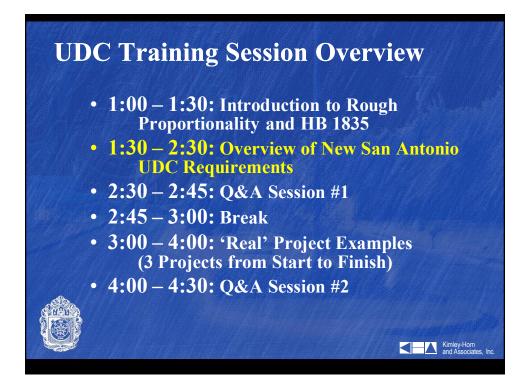


What others are doing (as of 2008):

Metropolitan Area San Antonio, TX Fort Worth, TX Houston, TX Austin, TX Atlanta, GA Phoenix, AZ Riverside, CA Sacramento, CA Las Vegas, NV Orlando, FL Charlotte, NC Primary Funding Mechanism(s) Border Street + TLAs Impact Fees Border Street + TIAs Border Street + Proportionality Impact Fees Border Street + Impact Fees Impact Fees Impact Fees TLAs + Impact Fees Impact Fees + Concurrency TLAs







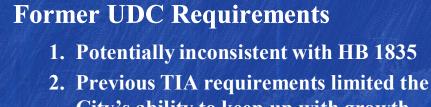
Overview of New San Antonio UDC:

- Former UDC Requirements
- Creation of a 'Balanced' Solution
- How to Calculate the 'Roughly Proportionate Share'
- **Proportionality Worksheet** – Tool for calculating the <u>maximum</u>
- Summary of UDC Revisions related to Rough Proportionality

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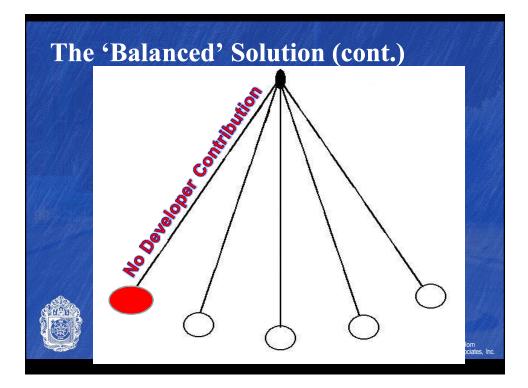


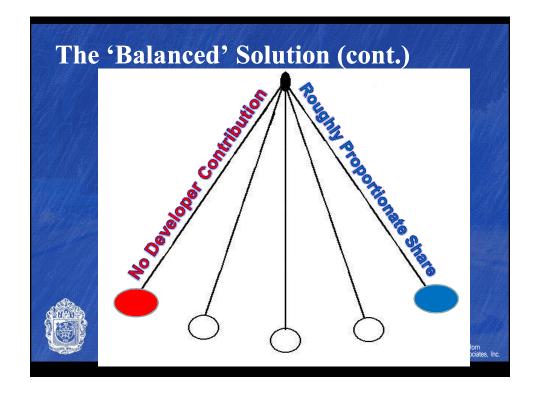
- City's ability to keep up with growth – City essentially could not require off-site
 - mitigation (except border streets)
- Growth outpaced the City's ability to match needs with publicly funded projects
- City/Developers expressed a desire to only require/make improvements when <u>necessitated by the development</u>

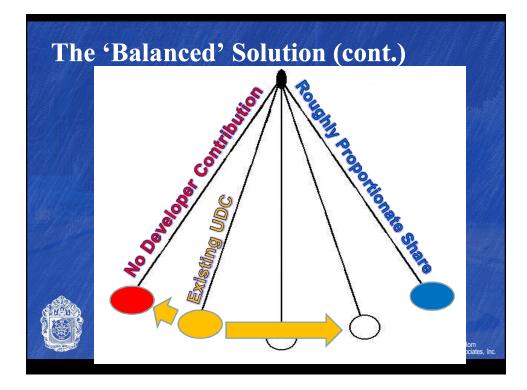
The 'Balanced' Solution

- Committee evaluated the existing UDC to understand when developers were required to make off-site improvements to City infrastructure
 - 'Off-site' includes thoroughfares (i.e. collectors & arterials), traffic signals, and intersection improvements
- While difficult to easily categorize a policy as it applies to each development project, let's use an analogy:

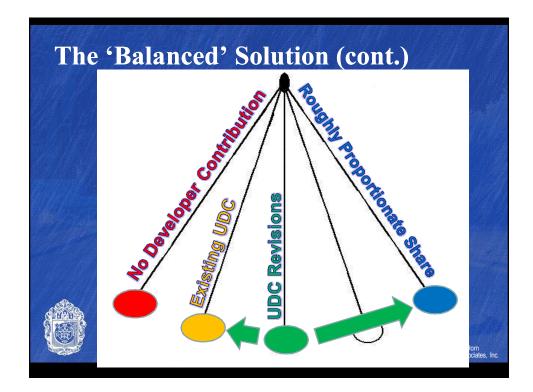
Kimley-Horn and Associates, Inc

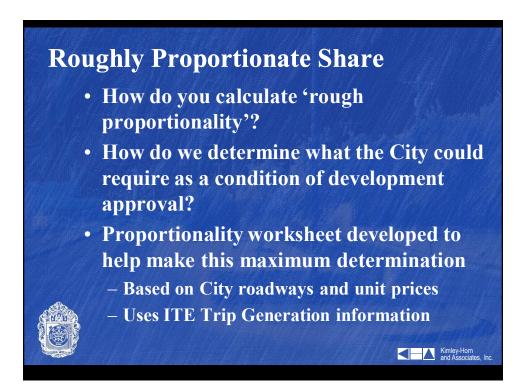






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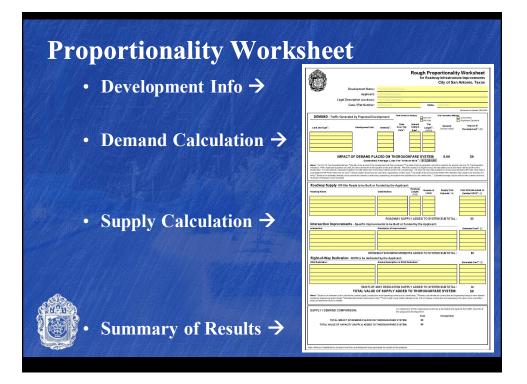


Supply and Demand Comparison

- Worksheet developed to quickly compare the <u>demand created</u> by the development to the <u>supply required</u> by the UDC.
 - Demand created is based on land use, ITE trip generation, trip length, and average cost
 - Demand = the maximum mitigation amount
 - Supply is based on the cost of improvements required by the UDC

Kimley-Hom and Associates, In

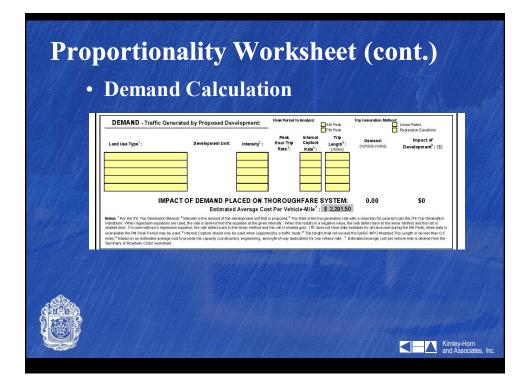
<u>Supply cannot exceed demand</u> – otherwise improvements are not roughly proportionate

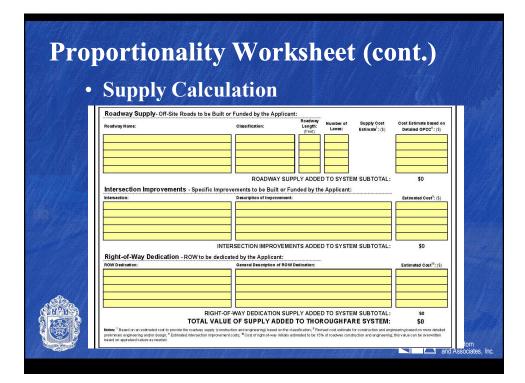


Proportionality Worksheet (cont.)

Development Information

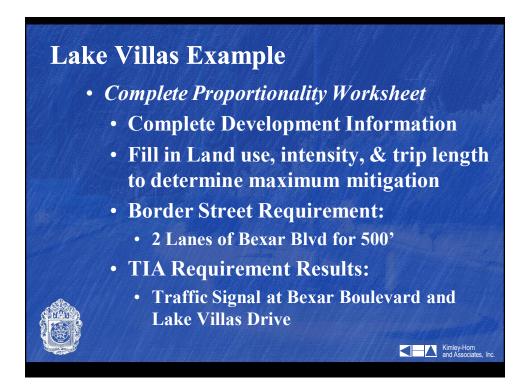






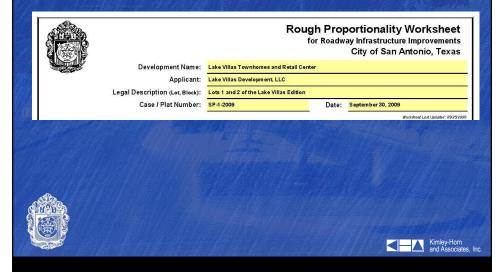
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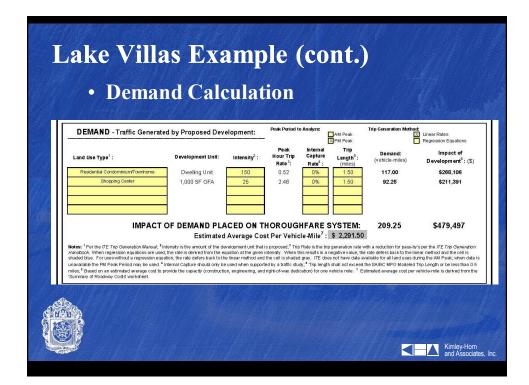


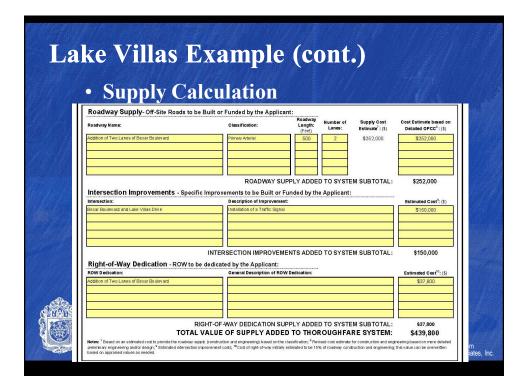


Lake Villas Example (cont.)

Development Information

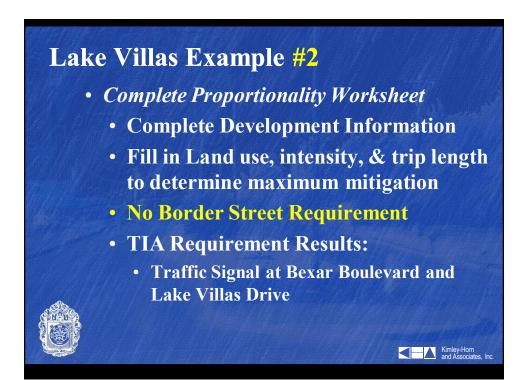


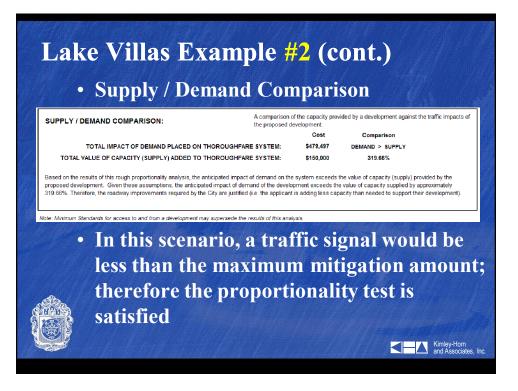










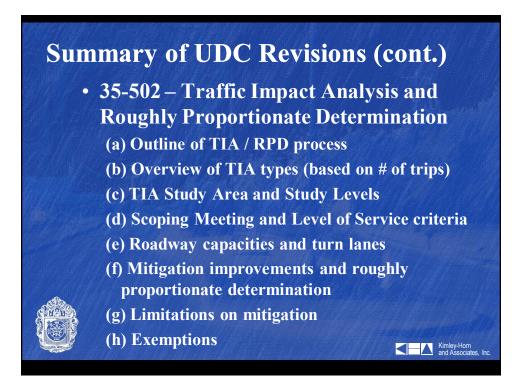




Summary of UDC Revisions

- 35-501 General Provisions
 - (b) generally states that the City will make a roughly proportionate determination based on the information provided by the applicant
 - (d) provides the framework for an applicant to appeal the City's roughly proportionate determination
 - Appeal must be made within 30 days of the determination from the City

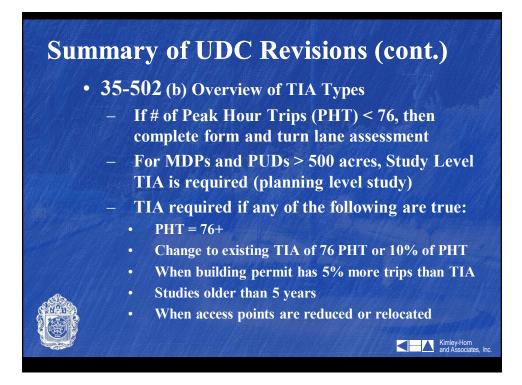
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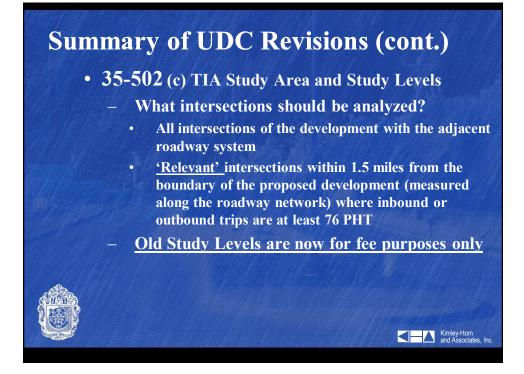


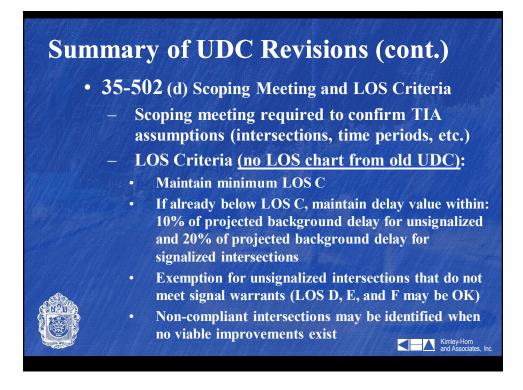
Summary of UDC Revisions (cont.)

- 35-502 (a) Outline of TIA / RPD Process
 - 1. Applicant evaluates what type of analysis, if any, is required (based on # of trips generated)
 - 2. Complete TIA what mitigation improvements are required to adequately support the development and how much do they cost?
 - **3.** Determine the maximum mitigation amount (using "demand" portion of the worksheet)
 - 4. Compare the cost of the mitigation improvements from TIA to the maximum mitigation amount

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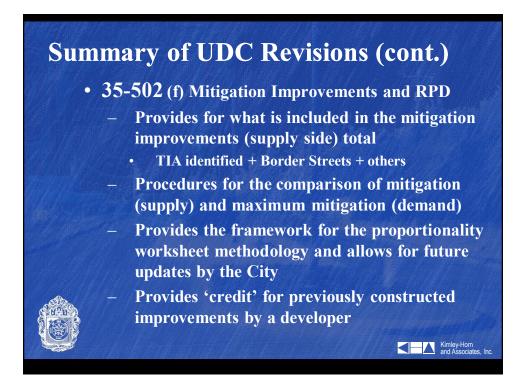






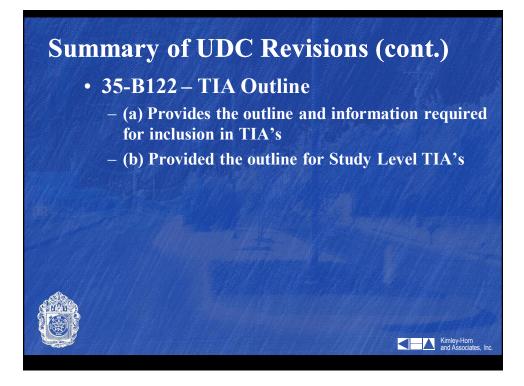
Summary of UDC Revisions (cont.)

- 35-502 (e) Roadway Capacity and Turn lanes
 - Provides for roadway capacity values
 - **Right-turn lane requirements**
 - 500 vpd or 50 vph
 - TxDOT locations
 - When unsafe conditions exist
 - Left-Turn lane requirements
 - Above + at all existing or proposed median openings
 - Turn-lanes and traffic signals, if proposed to only serve the development, may not be eligible for comparison with the maximum mitigation amount



Summary of UDC Revisions (cont.)

- 35-502 (g) Limitation on Mitigation
 - Improvements required but that have been planned and funded through a pending CIP project are not required
 - Mitigation requirements may be waived by the City for development within IH 410.
- 35-502 (h) Exemptions
 - "D" Downtown District
 - IDZ Infill Development Zone
 - Traditional Neighborhood or Transit-Oriented Development (TND or TOD)
 Kimiley-Hom and Associates. Int



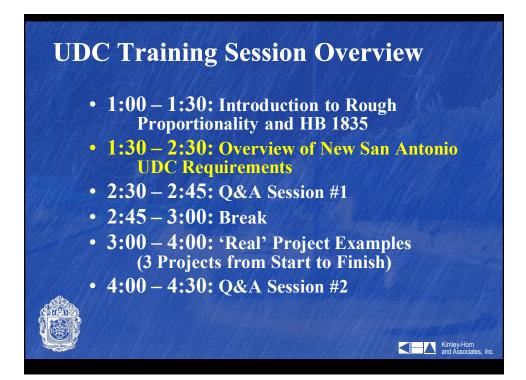
Feedback-Based RID's

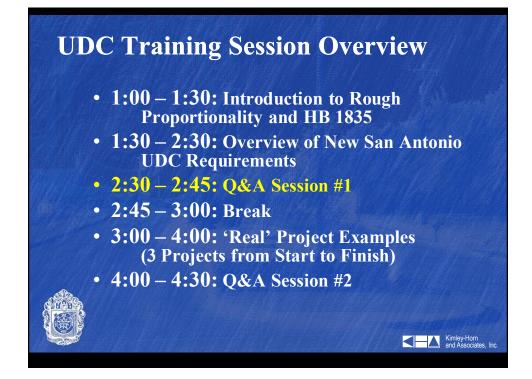
- 1. Linear trip generation rates are to be used (unless regression equations are allowed by the City, as supported by the land use)
- 2. ROW dedication value to be determined using appraisal district land values
- 3. Clarification: developments that generate less than 76 PHT will still have an RPD performed (to justify potential ROW dedication and turn lane requirements)

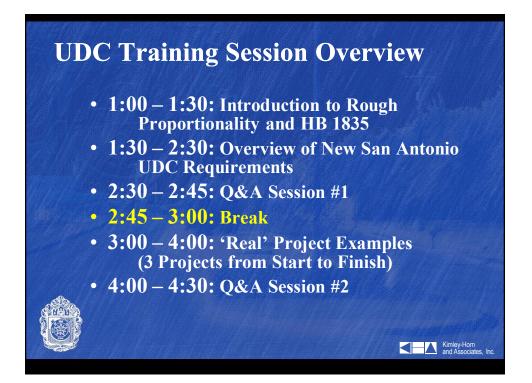


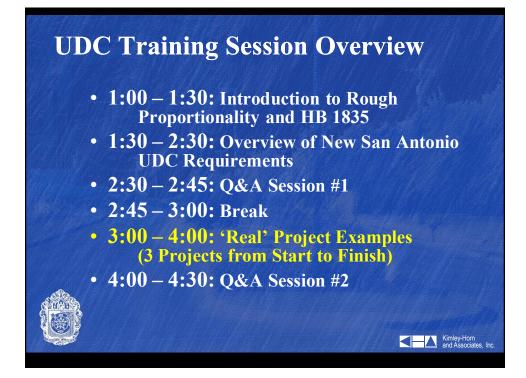
4. Clarification: how the City will treat TxDOT related improvements

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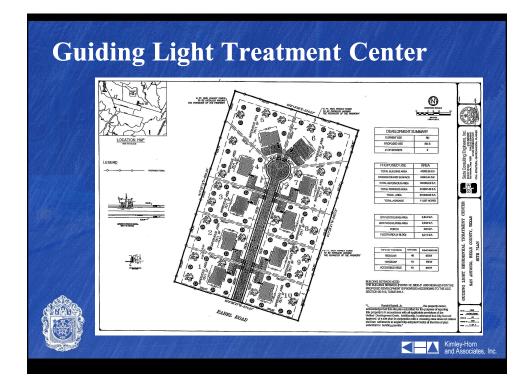


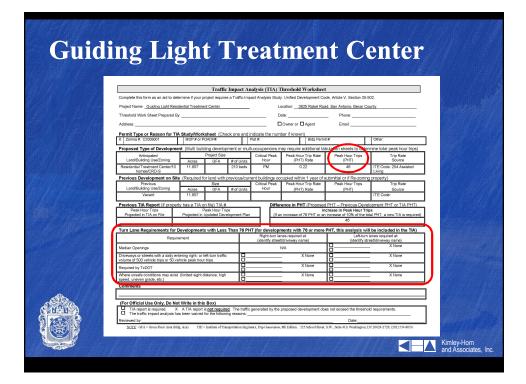


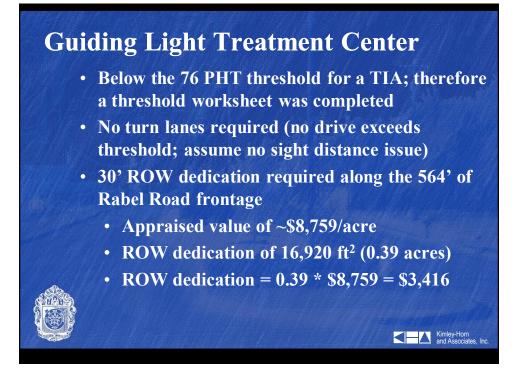


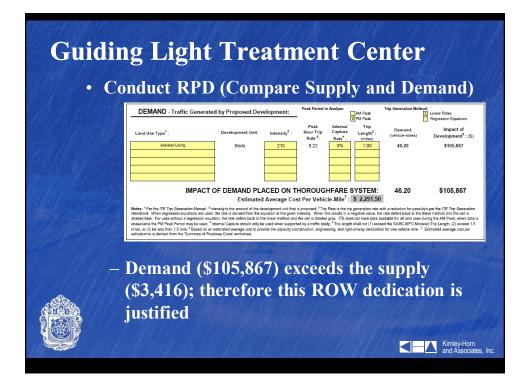








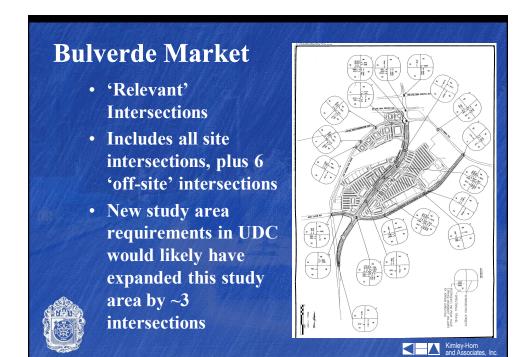


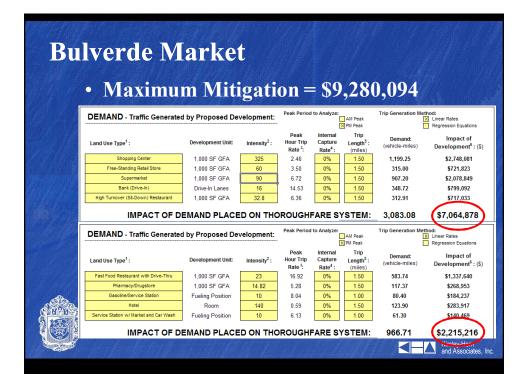






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Trip genera			equi ed Site Traf			uIII	11	A
Land Use	ITE Code	Size	Unit	AM Pea Enter	ak Hour Exit	PM Pea Enter	ik Hour Exit	Dai Tot
Shopping Center	820	325	TGLA ^(a)	205	130	585	634	13,9
Free Standing Discount Store	815	60	TGSF ^(b)	34	16	152	152	3,30
Supermarket	850	90	TGSF ^(b)	178	114	480	461	9,2
Drive-In Bank	912	16	Lane	180	130	409	409	6,5
High Turnover (Sit-Down)	932	32.8	TGSF ^(b)	196	181	218	140	4,1
Fast-Food Restaurant with Drive-	934	23	TGSF ^(b)	605	404	307	295	16,4
Pharmacy with Drive-Thru	881	14.82	TGSF ^(b)	23	17 .	63	65	1,3
Automated Car Wash	948	4.6	TGSF ^(b)	0	0	32	32	C
Gasoline Service Station	944	10	VFP ^(c)	60	60	69	69	1,6
Hotel	310	140	Room	48	31 .	43	39	1,1
Subto	otal			1,529	1,084	2,358	2,296	57,8
Tot	al			2.0	613	4.	654	57,8



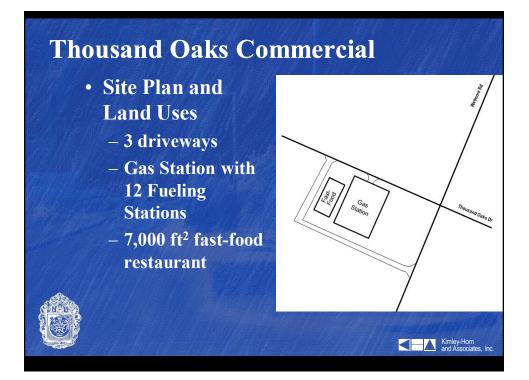


Border Streets Roadway Supply- Off-Site Roads			mpro	wennel
Roadway Supply- Off-Site Roads	to be Built or Funded by the			
Roadway Name:	Classification:	Applicant: Roadway Numbe Length: Thru (Feet) Lane	J Entimato ⁷ :(\$)	Cost Estimate base Detailed OPCC [®] : (
Bulverde Road Extension	Secondary Arterial	4,100 4	\$4,756,000	\$4,756,000
Redland Rd	Secondary Arterial	4,100 2	\$2,378,000	\$2,378,000
	ROADWAY SU	PPLY ADDED TO SYS	STEM SUBTOTAL:	\$7,134,000
Intersection Improvements - s	pecific Improvements to be B	uilt or Funded by the	Applicant:	
Intersection:	Description of Improve			
New Intersection of Bulverde and Redland Extension	ons Signalization			\$150,000
Bulverde Road at 1604 WB FR	Addition of WB LT lane a	and extension of SB LT lane		\$75,000
Bulverde Road at 1604 EB FR	E			
	Extension of EB RT lane			\$25,000
Bulverde Road and Classen Rd / Bulverde & J-M		e B and WB; Addition of SB RT	and EB LT lanes	\$25,000 \$150,000
	Addition of LT lane on E		and EB LT lanes	
Bulverde Road and Classen Rd / Bulverde & J-M New Intersection of Redland Rd Extension and Cla	Addition of LT lane on E ssen Rd Signalization INTERSECTION IMPROVEME	B and WB; Addition of SB RT	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000
Bulverde Road and Classen Rd / Bulverde & J-M New Intersection of Redland Rd Extension and Cla	Addition of LT lane on E ssen Rd Signalization INTERSECTION IMPROVEME	B and WB; Addition of SB RT	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000 ave been manually adjus
Bulverde Road and Classen Rd / Bulverde & J-M New Intersection of Redland Rd Extension and Cla Right-of-Way Dedication - ROW	Addition of LT lane on E Signalization INTERSECTION IMPROVEME to be dedicated by the Applic	B and WB; Addition of SB RT ENTS ADDED TO SY: cant: ROW Dedication:	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000
Buherde Road and Classen Rd / Buherde & J-M New Intersection of Redland Rd Extension and Cla Right-of-Way Dedication - ROW ROW Dedication:	Addition of LT iane on E Signalization INTERSECTION IMPROVEME to be dedicated by the Applic General Description of	B and WB; Addition of SB RT ENTS ADDED TO SY: cant: ROW Dedication:	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000 ave been manually adjus Estimated Cost ¹⁹ : (\$
Bulverde Road and Classen Rd / Bulverde & J-M New Intersection of Redland Rd Extension and Cla Right-of-Way Dedication - ROW ROW Dedication: Bulverde Road Extension	Addition of LT iane on E Signalization INTERSECTION IMPROVEME to be dedicated by the Applic General Description of 120° ROIW at \$2.45/sq ft	B and WB; Addition of SB RT ENTS ADDED TO SY: cant: ROW Dedication:	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000 \$550,000 \$2550,0000 \$2550,0000 \$2550,0000 \$2550,0000 \$2550,0000 \$2550,0000 \$2550,0000 \$2550,0000 \$2
Bulverde Road and Classen Rd / Bulverde & J-M New Intersection of Redland Rd Extension and Cla Right-of-Way Dedication - ROW ROW Dedication: Bulverde Road Extension	Addition of LT iane on E Signalization INTERSECTION IMPROVEME to be dedicated by the Applic General Description of 120° ROIW at \$2.45/sq ft	B and WB; Addition of SB RT ENTS ADDED TO SY: cant: ROW Dedication:	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000 \$\$550,000
Bulverde Road and Classen Rd / Bulverde & J-M New Intersection of Redland Rd Extension and Cla Right-of-Way Dedication - ROW ROW Dedication: Bulverde Road Extension	Addition of LT iane on E Signalization INTERSECTION IMPROVEME to be dedicated by the Applic General Description of 120° ROIW at \$2.45/sq ft	B and WB; Addition of SB RT ENTS ADDED TO SY: cant: ROW Dedication:	STEM SUBTOTAL:	\$150,000 \$150,000 \$550,000 \$\$550,000

Bulverde Market Roughly Proportionate Determination A comparison of the capacity provided by a development against the traffic impacts SUPPLY / DEMAND COMPARISON: of the proposed development Cost Compariso TOTAL IMPACT OF DEMAND PLACED ON THOROUGHFARE SYSTEM: \$9,280,094 SUPPLY ≈ DEMAN \$9.321.335 TOTAL VALUE OF CAPACITY (SUPPLY) ADDED TO THOROUGHFARE SYSTEM: 99.56% Based on the results of this rough proportionality analysis, the value of capacity (supply) provided by the proposed development roughly equals the anticipated impact of demand it places on the system. Therefore, the roadway improvements are roughly proportional to the demand placed on the system (i.e. the applicant is adding roughly the same amount of capacity as what is needed to support the development). - Demand = \$9,280,094 (proposed land uses) - Supply = \$9,321,335 (TIA + Border Streets) - Roughly proportionate (within 5%) Kimley-Horn and Associates, Inc

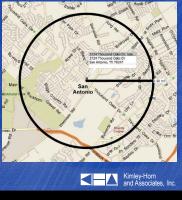


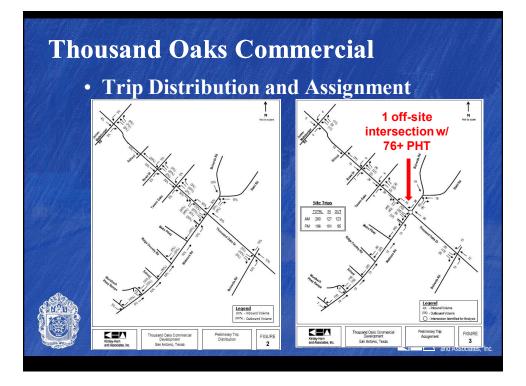




Thousand Oaks Commercial

- Trip generation exceeds threshold for full TIA (76+ PHT)
- Identify relevant intersections and confirm
 with scoping meeting
 - 1. Identify study area
 - 2. Distribute PHT
 - 3. Assign PHT
 - 4. Identify intersections

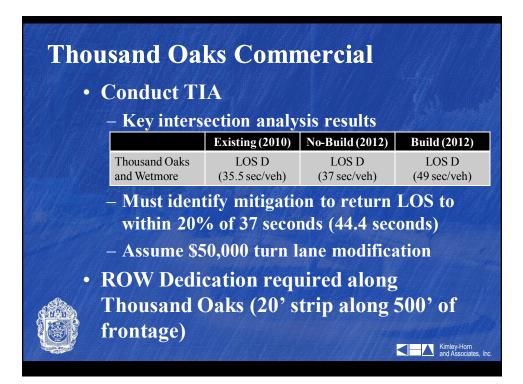




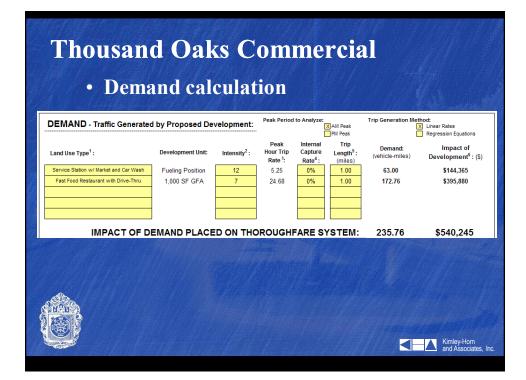
 Scoping Worksheet 	This worksheet was developed to shall complete the background in	eeting Worksheet	portion of	the TIA (parameter soction and submit this
	Background Inform Project Name: Developer Representative: Representative's Context Inform Proposed and uses In the project located in the ETD Table Standard Inter Stat	Thousand Cole Commercial ation: Phone: Em Cos Station with Car Wosh o	Dovelopmen wit nd Fast foo m, then Co o Distributio	nt od Restea sarity will on and As	asat Da innbrol is the melow) segment (Day ans
	TIA Parameters				
	Parameter	Developer Proposed	City Concurre Yes	nce? No	If no, identify modifications required
	Trip Generation Nethod Site Balld Out Year	TTE Trip Generation Equations		-	
	(indicate any phasing) Eackground Traffic Growth Rate		+	+	
	Proposed Peak Periods	AH: X PN: X Other:		-	
	Scenarios for Evaluation (e.g. Existing, No Build, Rolld, or Phased Build Conditions)	1) Existing 2) No Exist 3) Balid			
	Intersections for Analysis (in addition to all site driveways; if more than 6 intersection plane attach list)	t) Thousand Oaks Dr and Webnore Rd 2) 3) 4) 5) 6)			
	Additional Comme	nts/Concerns to be Addr	essed i	in the	TIA
	Agreement on TIA The Type: D 2ade cose (- 500 These: TEA cose of a determined Define:	acres) D Level I (16-230 PH1) D Lev of for five purposes only 	licable)		Developer's Representative Developer's Representative Developer's Representative

• Scoping V		EEET TIA Scoping Meeting Worksheet
Background Informatio	are as	
Project Name: Developer Representative:	Ihousand Oaks C	ommercial Development
Developer Representative: Representative's Contact Information:	Phone:	Fmail:
Proposed land uses		Car Wash and East-Food Restaurant
Is the project located in the ETJ?	□ Yes X No	(if yes, then County will be involved in the review)
		Additional Comments/Concerns to be Addressed in the TIA
		Agreement on TIA Parameters

Scoping V	Worksheet			This w	verksheet was develope complete the backgroup	Meeting Worksheet Enternation of the second
TIA Parameters						
Parameter De		Contract And All All All All All All All All All Al			City urrence? No	If no, identify modifications requi
Trip Generation Method	ITE Trip G	Generation E	Equations			
Site Build Out Year (indicate any phasing)	2010					
Background Traffic Growth Rate	2%					
Proposed Peak Periods	AM: X	PM: X	Other:			
Scenarios for Evaluation	1) Existing	g				
(e.g. Existing, No Build, Build,	2) No Buil	d				
or Phased Build Conditions)	3) Build					
	1) Thousa	ind Oaks Dr	and Wetmore Rd			
Intersections for Analysis	2)]		
(in addition to all site	3)					
driveways; if more than 6 intersections please attach list)	4)					
intersections preuse dealer inter	5)					
	6)					







Rough Proportionality Training - 01/14/2010

