



Texas Strategic Highway Safety Plan Update

2nd Emphasis Area Team Meeting

Pedestrian Safety

2/28/2017

Austin, TX

Agenda

- Welcome and Introductions
- Review revised strategies
- Review new data runs
- Finalize strategies
- Discuss countermeasures

Team Members

Commitment	Responsible Person	Due Date
Contact San Antonio Traffic Jam about possible enforcement representative.	Rebecca Pacini	2/28/2017
Contact Austin Safety Crossroads Coalition about possible enforcement representative.	Joan Hudson	2/28/2017
Contact Vision Zero ATX about possible emergency response representative.	Jay Crossley	2/28/2017
Contact Kelly Porter with CAMPO about possible public health representative.	Joan Hudson	2/28/2017

Revised Strategies

- Improve driver and pedestrian safety awareness and behavior
 - *Target education by location and demographics*
 - *Reduce crashes involving impaired and distracted pedestrians*
 - *Reduce crashes with unintended pedestrians on high speed roadways*
- Reduce pedestrian crashes on urban arterials

Revised Strategies

- Improve pedestrians visibility at crossings
- Improve pedestrian networks
- Improve pedestrian involved crash reporting
- Establish vehicle operating speeds to decrease crash severity
- Develop strategic pedestrian safety plans tailored to local conditions

NEW DATA

Percent of Pedestrian Crashes



That also:

Distraction



14%

Older Users



8%

SVROR & Head-on



8%

Speeding



3%

are at intersections

29%



Percent of Pedestrian Crashes



That:

Involve impairment



24%

Drivers



33%
(8%)

33% of the
24% impaired

8% of all
pedestrian
crashes

Pedestrians

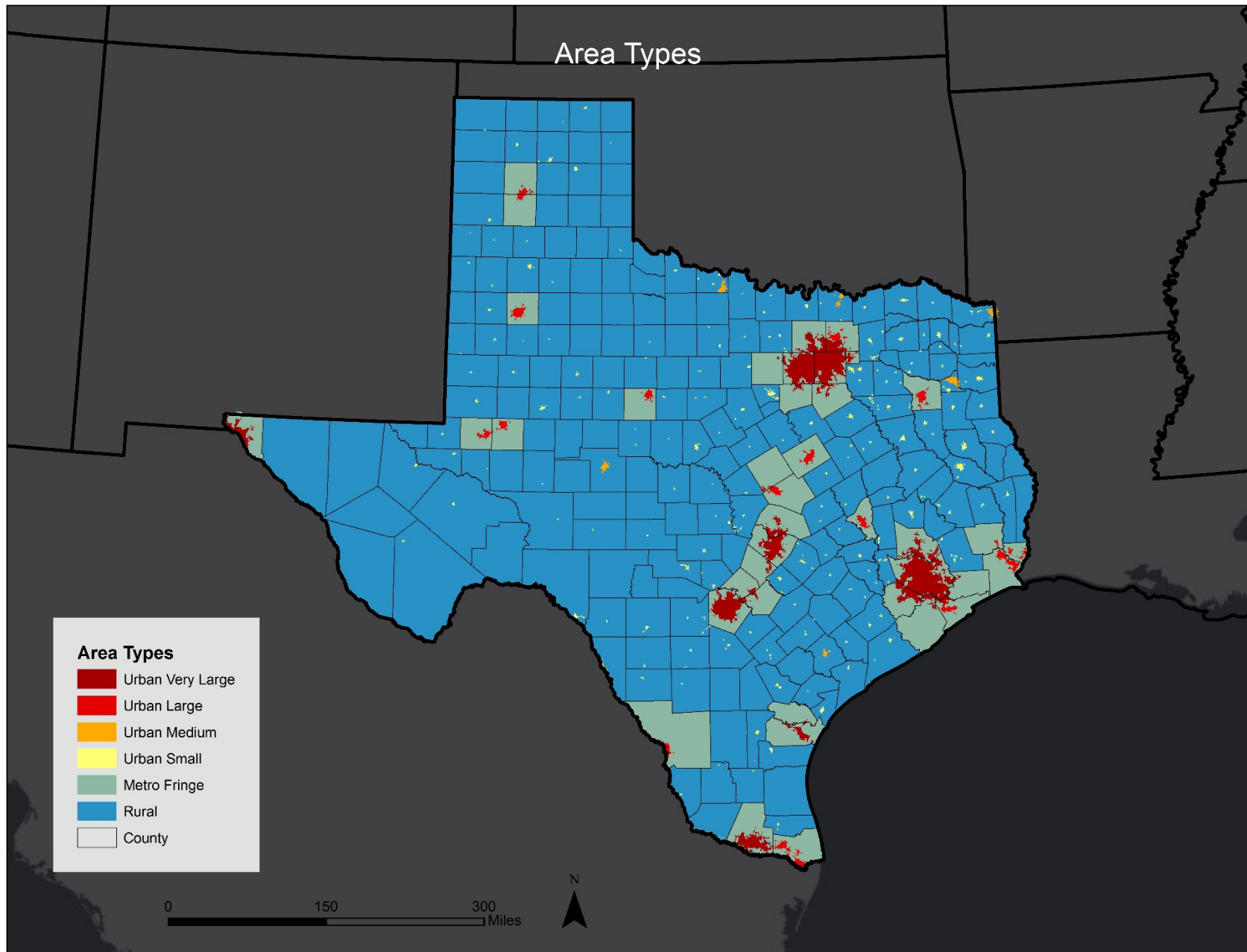


67%
(16%)

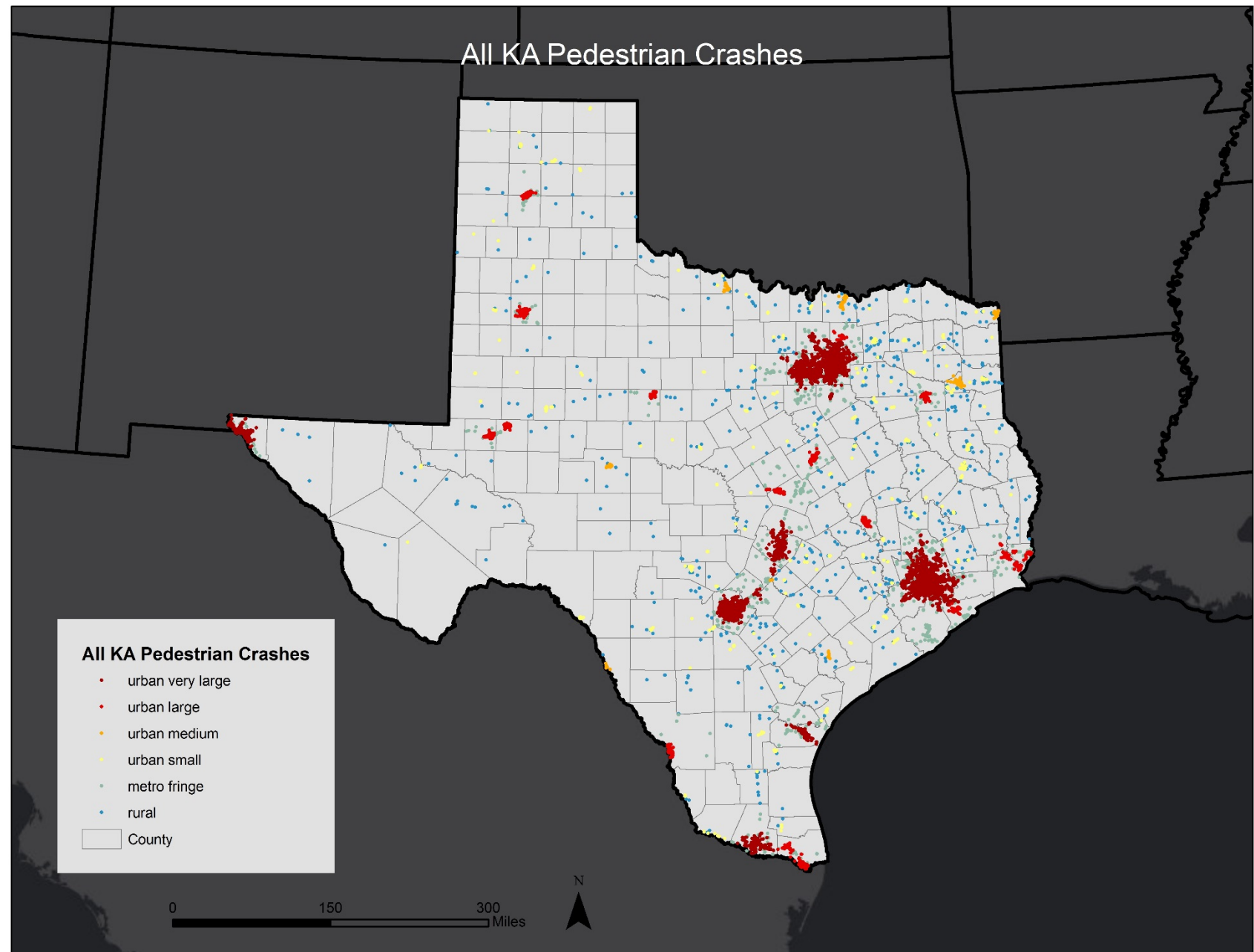
67% of the
24% impaired

16% of all
pedestrian
crashes

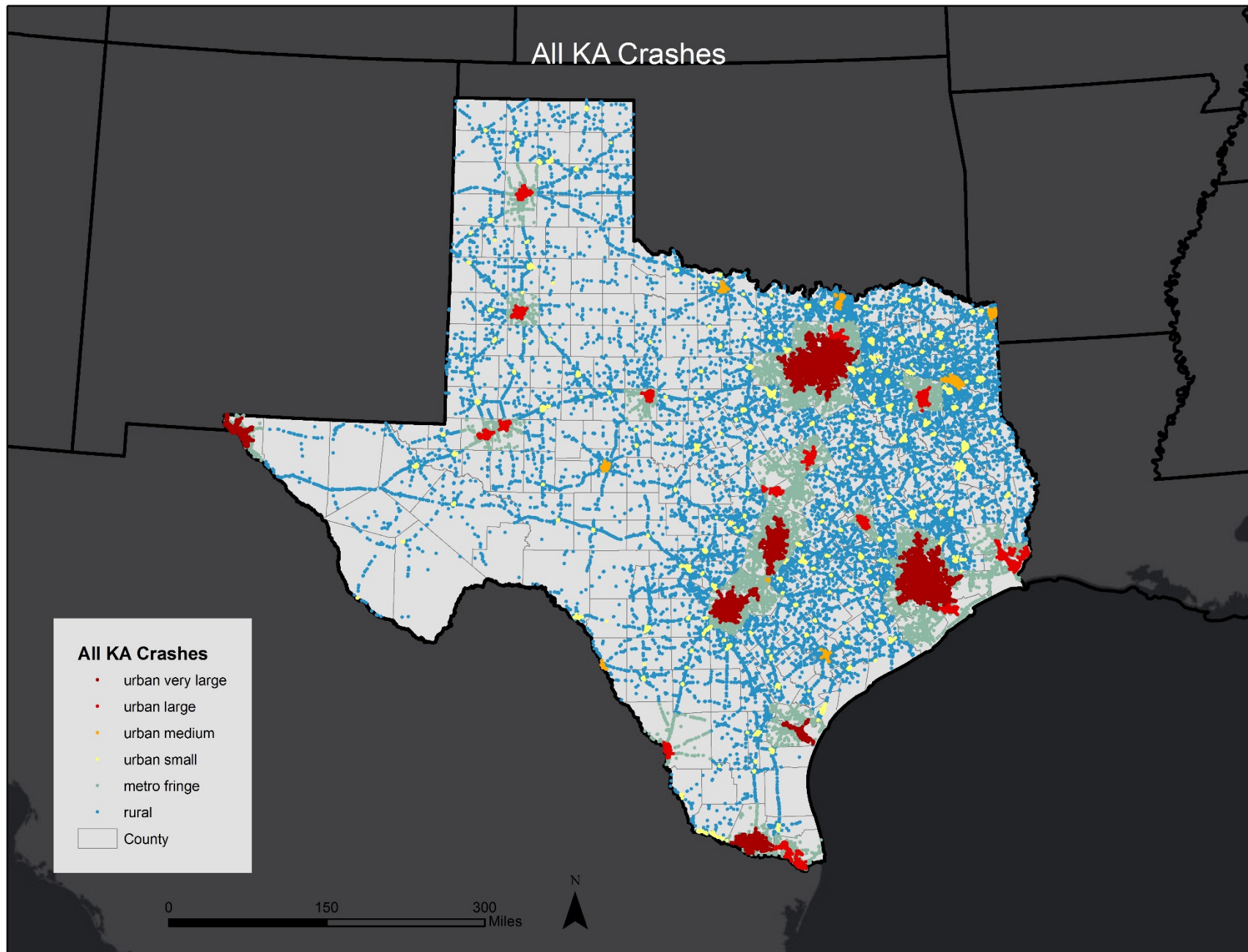
Area Type Classification



KA Pedestrian Crashes by Area Type



All KA by Area Type



Pedestrian Crashes

KA
7887

Off System 55%	State System 45%
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Off System

Urban Area > 100K Pop.	< 100K	Fringe	Rural
89%	4%	5%	2%

State System

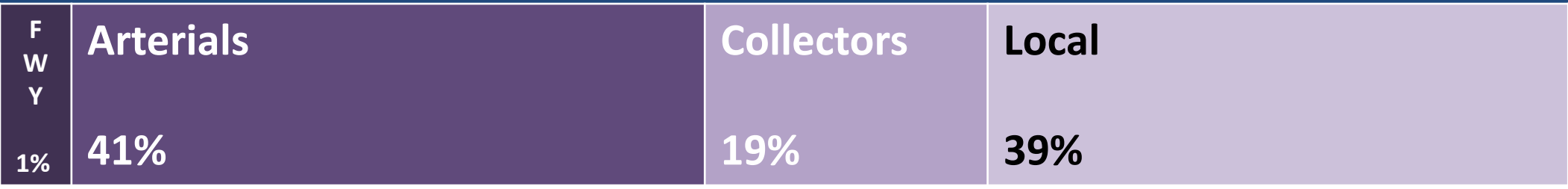
Urban Area > 100K Pop.	<100K Pop.	Fringe	Rural
64%	9%	13%	14%

Pedestrian Crashes

KA
7887



Off System



F
W
Y

1%

State System



Pedestrian Crashes
Location along
roadway

KA
7887

Urban 78%				Rural 22%	
Driveway					
Midblock 65%			Intersection 31%		3 % Midblock 82%

All Severities
26867

Urban 85%				Rural 15%	
Driveway					
Midblock 49%		Intersection 45%		6 %	Midblock 74%

Roadway Relation

	Fatal	Severe	Grand Total
Median	5.78%	4.64%	4.85%
Off Roadway	32.64%	27.58%	28.54%
On Roadway	59.81%	66.92%	65.57%
Shoulder	1.73%	0.81%	0.98%
N/A	0.04%	0.06%	0.05%
Grand Total	100.00%	100.00%	100.00%

Pedestrian Crashes
Light Condition

KA
7887

Urban 78%			Rural 22%	
Light 75%			Dark 17%	Dark 61%
				Light 39%

Pedestrian Crashes – All Severities

26867

Urban 85%			Rural 15%	
Lighted 83%			Dark 17%	Light 52%
				Dark 48%

Pedestrian Gender by Severity

Fatalities		Incapacitating		Non-Incapacitating		Possible Injury	
MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
73%	27%	66%	34%	60%	40%	58%	42%

MPOs

MPO	Fatal	Severe	Both	Percentage	Rate per 100,000 pop.
Corpus Christi	54	111	165	1.9%	50
Longview	25	31	56	0.6%	48
Lubbock	32	85	117	1.3%	47
San Antonio-Bexar County	297	585	882	10.1%	45
Laredo	22	84	106	1.2%	43
Midland Odessa Transportation Organization (MOTOR)	48	67	115	1.3%	43
Waco	37	62	99	1.1%	42
Amarillo	23	60	83	0.9%	38
South East Texas Regional Planning Commission (SETRPC)	59	90	149	1.7%	38
Capital Area Metropolitan Planning Organization (CAMPO)	182	446	628	7.2%	36
Sherman-Denison	14	19	33	0.4%	35
Brownsville	25	52	77	0.9%	34
North Central Texas Council of Governments (NCTCOG)	588	1,540	2,128	24.3%	33
Houston-Galveston Area Council (HGAC)	684	1,253	1,937	22.1%	33
El Paso	98	163	261	3.0%	31
Tyler Area	23	38	61	0.7%	31
Abilene	11	26	37	0.4%	29
Harlingen-San Benito	18	25	43	0.5%	28
Bryan-College Station	20	31	51	0.6%	26
San Angelo	8	17	25	0.3%	26
Killeen Temple Metropolitan Planning Organization (KTMPO)	40	53	93	1.1%	25
Texarkana	6	16	22	0.3%	23
Hidalgo County	76	79	155	1.8%	20
Wichita Falls	9	12	21	0.2%	19
Victoria	4	11	15	0.2%	17
No Data	408	983	1,391	15.9%	0

COUNTERMEASURES

A Word on Countermeasures

Effectiveness (history, current,
new measures)

Impact (history, priorities)

Feasibility (policies, resources,
expertise, sponsors, public
acceptance)

Summary and Adjourn

- Review action items
- Summarize additional needs requested by the EA team members prior to the next meeting
- Next meeting: March 27, 2017, 9:30-11:00
- Adjourn