








**89TH ANNUAL WEST TEXAS
COUNTY JUDGES AND
COMMISSIONERS ASSOCIATION
CONFERENCE**



Friday, April 27, 2018
9:20 – 9:30 a.m.

**“Update on TxDOT’s
Count Road Inventory
(CRI) Project”**

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GIS Analyst II
Texas Department of Transportation*

 TEXAS DEPARTMENT OF TRANSPORTATION





COUNTY ROAD INVENTORY

Jason Ferrell
Transportation Planning & Programming

April 27, 2018

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County Road Inventory

- Since 1995 TxDOT has been collecting and maintaining County Road mileage (SB 971)
- TxDOT has made changes to the County Road Inventory process that are aimed at improving reporting **accuracy** and **timeliness**
 - Submission Frequency
 - Submission Deadline
 - Update Method
 - Submission Timeline
 - Delegate Responsibility


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County Road Inventory – Submission Frequency

Before - Biennially



Every County – Annually



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County Road Inventory – Submission Deadline

Deadline moved from May to August 31st

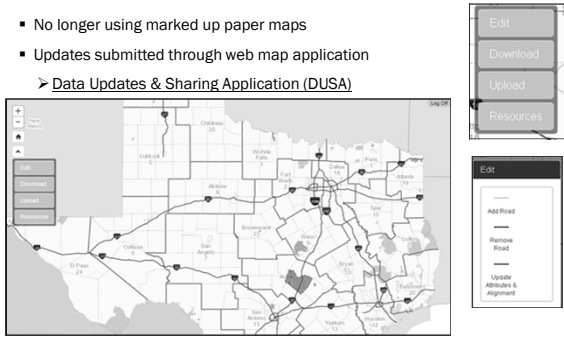
August 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			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	

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County Road Inventory – Update Method

- No longer using marked up paper maps
- Updates submitted through web map application
 - Data Updates & Sharing Application (DUSA)



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Data Updates & Sharing Application (DUSA)

Inventory Updates

Source (County Number) 250

Length (Miles) 0.679

Update Type Add Road

Full Street Name County Road 1300

Roadway Design Two Way

Surface Type Paved

Number of Lanes 2

Comment new construction

Delete Edit Geometry

Drop down menus reduce errors

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County Road Inventory - Timeline

- DUSA allows updates year-round
- Updates after August 31st applied to following year's submission

2018			
January Mo Tu We Th Fr Sa Su 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 Mo Tu We Th Fr Sa Su 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 Mo Tu We Th Fr Sa Su 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	April Mo Tu We Th Fr Sa Su 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
May Mo Tu We Th Fr Sa Su 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	June Mo Tu We Th Fr Sa Su 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	July Mo Tu We Th Fr Sa Su 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	August Mo Tu We Th Fr Sa Su 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
September Mo Tu We Th Fr Sa Su 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	October Mo Tu We Th Fr Sa Su 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	November Mo Tu We Th Fr Sa Su 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	December Mo Tu We Th Fr Sa Su 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

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County Road Inventory – Delegate Responsibility

- Option to delegate responsibility to a 3rd party
 - MPO, COGs, consultant, local TxDOT district, etc.
 - Only county or delegate has update access to your county road information

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County Road Inventory - Background

- 1995
 - Legislature asked TxDOT to begin reporting county road mileage
 - Reported to Texas Comptroller of Public Accounts
- 1995 - 2005
 - Bulk collection phase that defined the county road network
- 2005 - Present
 - Maintenance phase
 - Transition from bulk collection and paper methods to electronic

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Funding – Why is County Road Inventory important?

Texas Transportation Code §256.002 (b.3)

Distribution of County & Road District Highway Funds

Lateral Road Mileage – total number of certified county road miles along the center line of all roads within a county regardless of the number of lanes it contains or the surface type

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Reports - Mileage

Standard Reports

- Highway Performance Monitoring System (HPMS), key ingredient for motor fuel tax reimbursements from FHWA
- [Annual Reports \(PDF and GIS Version\)](#)
- [Multi-Year Roadway Data Tables \(Excel Version\)](#)

Interesting Facts for 2016

	On System	Off System	Total	State Rank
Centerline Miles	80,483	233,172	313,656	1 st
Lane Miles	195,964	481,955	677,919	1 st
Daily Truck VMT	68,778,625	7,751,175	76,529,800	1 st
Daily VMT	537,150,365	204,005,017	741,155,382	2 nd

Fun Fact: 74% of all data maintained by TxDOT for reporting requirements is owned and maintained by cities or counties

[Annual Reports](#)

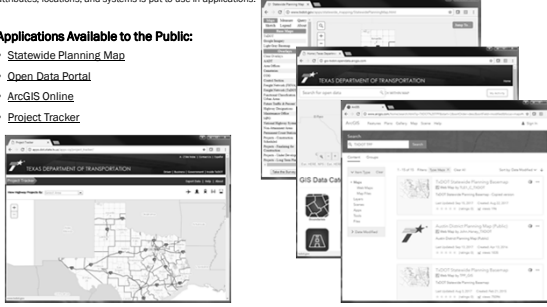
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Applications

Applications allow users to visualize and query Attributes, Locations, and Systems
 Think of applications as the finish line. All the work by Districts and TPP - Data Management maintaining the roadway inventory attributes, locations, and systems is put to use in applications.

Applications Available to the Public:

- [Statewide Planning Map](#)
- [Open Data Portal](#)
- [ArcGIS Online](#)
- [Project Tracker](#)



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Closing

Important Links (you should know these by heart)

- [Statewide Planning Map](#)
- [Open Data Portal](#)
- [Annual Reports](#)
- [ArcGIS Online](#)
- [Project Tracker](#)

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Thanks for your time!

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