How to make Changes to the County Road Inventory

The enclosed PDF files may be viewed and printed using Adobe Reader. The maps can be printed using the "current view" to any printer. The YOURCOUNTY_MAPBOOK_2014.pdf is an exact copy of TxDOT's records as of 12/31/2013.

TxDOT prefers making updates to the County Road Inventory (**CRI**) using GIS. The list below outlines 3 methods of updating county roads using GIS and 1 method for updating county roads using paper.

Option 1 - If you maintain or have access to a GIS roadway layer for your county, please send us a copy for this update. The layer should indicate the road's name, alignment, surface type and number of lanes.

Option 2 - If your county roadway data is maintained by a COG or other third party and can be isolated from amongst their other roadway data, please send us a copy for this update. Again, the layer should indicate the road's name, alignment, surface type and number of lanes.

Option 3 - If countywide data is not available but you have GIS software, you can make changes to the YOURCOUNTY_INVENTORY_2014.shp included in the original download zip and send us the updated shapefile.

Option 4 - If GIS is not an option you can print out the YOURCOUNTY_MAPBOOK_2014.pdf and make changes by hand.

How to make changes in a GIS using the YOURCOUNTY_INVENTORY_2014.shp (Option 3)

To begin, add YOURCOUNTY_INVENTORY_2014.shp to your GIS software and begin editing. In the table attached to the shapefile, use the COMMENTS field to indicate the needed changes and updates. For instance, is this a new road that needs to be added? Is this a road that needs to be removed from CRI? Is this a road that has been realigned since our last inventory? Or, do we need to correct the spelling of the road's name, or the surface type?

NEW ROADS:
Please draw a line in the new road's location. Record the name of the road in the ST_NAME field, what type of SURFACE it has (10-earth, 32-gravel, 51-paved, 61-concrete), the road's design in the DESIGN field (1-one way, 2-two way, 3-2 way boulevard), the road's approximate length in the LENGTH field (miles), and the number of lanes in the LANES field. Finally, add "**New Road"** in the COMMENTS field of the new record.

RE-ALIGNMENT:
Please modify the existing line to match the correct alignment. Then add "**Re-alignment"** in the COMMENTS field.

REMOVALS:
Please enter "**Discontinued - removed from Maintenance**" in the COMMENTS field.

ATTRIBUTE CHANGES:
If you find a road with incorrect **Attributes** (such as road name, surface type, etc.), simply indicate in COMMENTS field the type of change you want (for instance, do we need to change the name, surface type, or number of lanes) and correct the value in the appropriate field. We will use your comments to prepare electronic updates to the CRI. If you change an attribute such as Street Name, please tell us you changed it in the COMMENTS field.
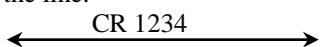
If you find something that is not explained here, **please call us** at any of the numbers listed at the end of this document.

Paper & Pen Method (Option 4)

Use the paper and pen method to record changes by printing out and marking directly on the YOURCOUNTY_MAPBOOK_2014.pdf and YOURCOUNTY_ROAD_SUMMARY_2014.pdf. To add a new road to the map, draw a line in its approximate location and label the line with its ST_NAME. Please mark the beginning and end with an arrowhead or an X. This is especially helpful with road extensions or where a road changes its name in a curve. Please provide a legend if color coding is used.

NEW ROADS:
Draw a line and mark begin and end-points with an arrowhead or an X. Then write in the Road Number or Road Name on the line.

CR 1234

RE-ALIGNMENT:
Draw a line for the whole road in its new location, over the existing road, indicating the current alignment.

CR 1234

Extend CR 1234 to the Big Red Barn
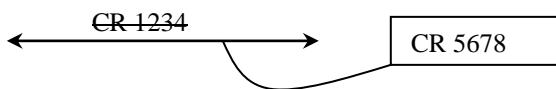
REMOVALS:
Write REMOVED with an arrow or leader line to the ID on the map. You may also mark this in the printed Road Summary using the same method.

~~CR 1234~~

REMOVED from maintenance/ DELETE from CRI file.
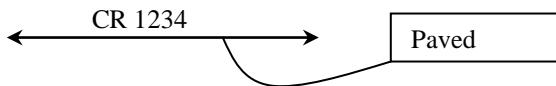
ATTRIBUTE CHANGES:
Write the correct name or surface with an arrow or leader line to the correct road. This can also be done in the Road Summary listing.

Example - Road number correction

~~CR 1234~~

CR 5678

Example – Surface type correction (Solid black line indicates an unpaved surface in the mapbook)

CR 1234

Paved

Example – Road number and surface type correction (Solid orange line indicates a paved surface in the mapbook)

~~CR 1234~~

CR 5678, Unpaved

For changes not addressed here, please locate the road and describe the change needed. Do not hesitate to use additional pages or prints from the PDF (current view), photocopy, sticky notes (please tape down), hand drawings or plats. **Please provide a contact name and number for these changes in case questions arise.**
When you complete your changes please e-mail or regular mail YOURCOUNTY_INVENTORY_2014.shp and all associated files (.shx, .dbf, prj, .sbx, .sbn, etc.), or the printed Map and Road Summary to the address below. **Please do not send pages that do not have changes.**

Texas Department of Transportation
Transportation Planning & Programming Division
Attention: Data Management Section - Mapping
PO Box 149217
Austin, TX 78714-9217

TPP-GIS@txdot.gov

If we do not receive the corrections or mileage certification form by **May 15, 2014**, we will use the mileage figure currently in the TxDOT database for certification funding year 2013. This may be the previous certified mileage for funding year 2012 or this may be an updated mileage reflecting recent changes to city limits.

Upon receipt of your information, TxDOT will review the corrections and send a field crew to inventory the changes you have indicated. Once the corrections have been field verified, the updated mileage will be incorporated into our road inventory database.

If you have any questions or need clarification of the procedures, please contact the Field Operations Staff at the following numbers:

Adam Breznicky – GIS Analyst/CRI Project Coordinator (512) 486.5020
Michael Zugelder – Data Analysis Supervisor (512) 486.5086

Data Definitions
"YOURCOUNTY_INVENTORY_2014.shp"
(TxDOT Data Layer)

FIELD	EXAMPLE	DESCRIPTION
ROUTE	AA1234	TxDOT's Unique ID Number: Older road logs may use the term Road Number.
ST_NAME	"N Maple Ave"	The Official Name of the street
LENGTH	1.123 mi	Roadway length in miles.
SURFACE	51	Roadway Surface Type. See Notes*
DESIGN	2	1-One Way; 2-Two Way; 3-Boulevard (has a median)
LANES	2	Number of lanes. (Default is 2 lanes)
COMMENTS	**"New CR, 4.5 mi N of Austin along FM 1234 on the right, Shady Oaks subdivision"**	Any information the preparer comes across that may be helpful, especially Landmarks. This may be subdivision name, previous inventory info, "Big Red Barn," etc.
COUNTY	123	TxDOT's 3 digit numerical county identifier.

* SURFACE Codes used by TxDOT
- 10 = Natural, such as bladed earth road
- 32 = All-weather, such as gravel or caliche
- 51 = Bituminous, such as asphalt
- 61 = Concrete

All of the provided files are in "Geographic Coordinate System, NAD 83, Decimal Degrees" (GCS-NAD83-DD).