Mississippi Department of Transportation

Before using this data please read the enclosed Disclaimer. The attached SHP file contains the County, Route, Log Mile Linear Referencing Method (LRM) for Mississippi. This dataset contains the state road system comprised of Interstate, US, MS, Federal, local routes and ramps. The attached PRJ file contains the projection information for the data (All data is projected using the Mississippi Transverse Mercator (MSTM) Projection).

- The MDOT_CO_LRM feature is a complete dataset of roads in the State of Mississippi. All road mileages are referenced to the county they are contained.
- This feature contains the State Maintained Routes as well as Local Roads.
- All connectivity and topology checks have been performed.
- The network contains ramps, frontage roads, intersection turnouts, as well as cross-overs.

Original Data Layer:

- The Local Roads were collected by digitizing the linework from the MDEM 2006 Imagery.
- The State Maintained Routes were realigned and modified using the MDEM 2006 imagery.

Updates to Data Layer:

- Subsequent changes utilize updated imagery and field collected data.

The Mississippi Department of Transportation encourages users of this data to notify us of any omissions, corrections or modifications.

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The following pages provide the field descriptions and look-up values referenced in the data.

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Field	Definition
SRI	Standard Route Identifier. Concatenation of the COUNTY NUMBER + "_" + INVENTORY NUMBER + PASS_DIR (PRIMARY/SECONDARY) + SEGMENT NUMBER. This field uniquely identifies a route in the state.
MP_START	The mile point where the segment begins within the county.
MP_END	The mile point where the segment ends within the county.
M_LENGTH	Calculated field which equals MP_END - MP_START.
ROUTE_CLASS	See lookup below.
ROAD_NAME	When available this field contains the road name of the particular route.
COUNTY	Numeric identifier for the county number. 1-82 (See County Lookup Below)
ROUTE_ID	Non zero padded identifier for a route in a county. Can be followed by an X (Crossover) or a C (Channel). If followed by an A, E, or W this is to signify Alternate, East or West. If the route is a State Route, US Route, or Interstate Route the route id is representative of its signing and designation. (i.e. MS 25 is 25 in each county it passes through so long as the route class is MS as well). Route IDs are only unique to one county unless combined with a route class in the case of a State Route, US Route, or Interstate Route. A route id can also be unique when paired with a county and a pass_dir.
PASS_DIR	Denotes the specific direction of a route, P (primary) or S (secondary). Previous systems that were single centerline would have only had a primary direction. The secondary direction is the roadway running in the opposing direction to the primary roadway (Divided Highway) for a single route.
SEG_NO	Denotes the specific segment of a route in a county. Segmentation can occur due to routes overlapping one another as well as offsets at intersections.
INV_NO	Zero padded version of the ROUTE_ID field. Used to reference legacy data that utilized fixed width fields.
ID1	Primary ID field. Should not be used for long term referencing since this can change with each publication.
WM_VALIDFR	Date that a segment went live (Valid From). With our current data model, most roads will have the 20th of March 2013. If a segment has had a change since this date, the validfrom time will have changed to reflect this change.
WM_VALIDTI	In the event that a end of life date were known for a route and the new alignment had been established at a future date this field would show the end of serviceable life date for any segment involved. (Valid Till)
MOD_STATUS	Indicates if segment was changed since last publication
GEOMETRY	Oracle Geometry.

Route Class Lookup	
CHANNEL	Channelized turning lane used as a right turn movement at an intersection.
CROSSOVER	Used to navigate between primary and secondary directions of a divided facility.
FC	This classification signifies that at least some portion of the route is of functional class higher than local. This classification is not our official functional class designation.
FR	Federal Routes (Currently the only federal route we have is the Natchez Trace)
LOCAL	This classification indicates a route that is not designated.
MS	Mississippi Highways
RAMP	Connects mainline to mainline at grade separated interchanges.
REST AREA	Dedicated route segment for rest area ingress and egress
ROUNDABOUT	Circular portion of this specialized Intersection
US	US Highways
WEIGH STATION	Dedicated route segment for weigh station ingress and egress
IH	Interstate Highways

County Name Lookup			
COUNTYNMBR	COUNTYNAME	COUNTYNMBR	COUNTYNAME
1	Adams	42	Leflore
2	Alcorn	43	Lincoln
3	Amite	44	Lowndes
4	Attala	45	Madison
5	Benton	46	Marion
6	Bolivar	47	Marshall
7	Calhoun	48	Monroe
8	Carroll	49	Montgomery
9	Chickasaw	50	Neshoba
10	Choctaw	51	Newton
11	Claiborne	52	Noxubee
12	Clarke	53	Oktibbeha
13	Clay	54	Panola
14	Coahoma	55	Pearl River
15	Copiah	56	Perry
16	Covington	57	Pike
17	Desoto	58	Pontotoc
18	Forrest	59	Prentiss
19	Franklin	60	Quitman
20	George	61	Rankin
21	Greene	62	Scott
22	Grenada	63	Sharkey
23	Hancock	64	Simpson
24	Harrison	65	Smith
25	Hinds	66	Stone
26	Holmes	67	Sunflower
27	Humphreys	68	Tallahatchie
28	Issaquena	69	Tate
29	Itawamba	70	Tippah
30	Jackson	71	Tishomingo
31	Jasper	72	Tunica
32	Jefferson	73	Union
33	Jefferson Davis	74	Walthall
34	Jones	75	Warren
35	Kemper	76	Washington
36	Lafayette	77	Wayne
37	Lamar	78	Webster
38	Lauderdale	79	Wilkinson
39	Lawrence	80	Winston
40	Leake	81	Yalobusha
41	Lee	82	Yazoo