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