



# Great Lakes Maritime Information Delivery System

## US/Corridor Level Integrated Highway

Field Name	Field Description
RECTYPE	Identifies arc file records.
VERSION	Used for maintaining consistency across data files containing alternate releases of the NHPN. The Version Code consists of a leading Version Number (the year of release) and a trailing number (the month of release), thus, 2004.06 describes Major Release f
RECID	A unique numeric ID associated with each arc of NHPN version 2004.06.
ORIGID	A unique numeric ID associated with each arc of previous versions of NHPN as appropriate.
STFIPS	State FIPS Code
CTFIPS	3 digit FIPS code for the county the arc resides.
SOURCE	Source of arc 'T' = Tiger File 'D' = Digitized 'S' = State 'U' = Unknown
LGURB	3 digit HPMS Urbanized Area code for the Urbanized Area in which the arc lies. A value of 0 indicates the arc is outside any HPMS Urbanized Areas.
SMURB	5 digit CENSUS Small Urban Area code for cities under 50,000 population in 2000. A value of 0 indicates the arc is outside any Small Urban Area.
SIGN1	Contains the designated primary Sign Route for the arc.
SIGNT1	Describes the type of the sign route. 'I' = Interstate 'U' = US Route 'S' = State Route 'O' = Off-Interstate Business Marker 'C' = County Route 'T' = Township 'M' = Municipal 'P' = Parkway or Forest Route Marker 'N' = None of the above (blank) = Not sign



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SIGNN1	Contains the actual sign route numbers . Using HPMS standards, an optional directional indicator (N, S, E, W) can also be used as part of this field.
SIGNQ1	Sign Route Qualifier Record which is used to qualify the sign route description follows the Sign Route Number. 'A' = Alternate Route 'B' = Business Route 'P' = By Pass 'S' = Spur 'L' = Loop 'F' = Proposed (future) 'D' = Temporary (detour) 'T' = Truck Rou
SIGN2	Contains the designated secondary Sign Route for the arc.
SIGNT2	Describes the type of the sign route. 'I' = Interstate 'U' = US Route 'S' = State Route 'O' = Off-Interstate Business Marker 'C' = County Route 'T' = Township 'M' = Municipal 'P' = Parkway or Forest Route Marker 'N' = None of the above (blank) = Not sign
SIGNN2	Contains the actual sign route numbers . Using HPMS standards, an optional directional indicator (N, S, E, W) can also be used as part of this field.
SIGNQ2	Sign Route Qualifier Record which is used to qualify the sign route description follows the Sign Route Number. 'A' = Alternate Route 'B' = Business Route 'P' = By Pass 'S' = Spur 'L' = Loop 'F' = Proposed (future) 'D' = Temporary (detour) 'T' = Truck Rou
SIGN3	Contains the designated additional secondary Sign Route for the arc.



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SIGNT3	Describes the type of the sign route. 'I' = Interstate 'U' = US Route 'S' = State Route 'O' = Off-Interstate Business Marker 'C' = County Route 'T' = Township 'M' = Municipal 'P' = Parkway or Forest Route Marker 'N' = None of the above (blank) = Not sign
SIGNN3	Contains the actual sign route numbers . Using HPMS standards, an optional directional indicator (N, S, E, W) can also be used as part of this field.
SIGNQ3	Sign Route Qualifier Record which is used to qualify the sign route description follows the Sign Route Number. 'A' = Alternate Route 'B' = Business Route 'P' = By Pass 'S' = Spur 'L' = Loop 'F' = Proposed (future) 'D' = Temporary (detour) 'T' = Truck Rou
LNAME	Local Name of the Road
MILES	Contains measurement in miles for the arc chain.
KM	Contains measurement in kilometers for the arc chain.
FCLASS	Identifies the assigned functional class of each arc. 01 = Rural Principal Arterial - Interstate 02 = Rural Principal Arterial - Other 06 = Rural Minor Arterial 07 = Rural Major Collector 08 = Rural Minor Collector 09 = Rural Local 11 = Urban Principal A
RUCODE	Describes the Rural/Urban classification of the arc. 1 = Rural 2 = Small Urban (2000 pop 5,000 -49,999) 3 = Large Urban (2000 pop >= 50,000)
STATUS	Describes availability of the arc to through traffic. 0 = Proposed/Under construction 1 = Open to traffic



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NHS	Special subnetwork for the National Highway System. The following values were converted per direction from the FHWA: 2 (ISTEA High Priority Corridor) was converted to 7 (Other NHS) , 5 (ISTEA High Priority Corridor/ Non-Interstate STRAHNET) was converted
STRAHNET	Special subnetwork for the Strategic Highway Corridor Network. 0 = Not on STRAHNET 1 = Non-Interstate STRAHNET 2 = STRAHNET Priority 1 Connector 3 = STRAHNET Priority 2 Connector 4 = STRAHNET Priority 3 Connector 5 = Temporary STRAHNET Route
CONN_MILES	Total Mileage of the designated Connector.
LRSKEY	Uniquely identifies a route within a state.
LRSSEQ	NHPN arc mile point sequence number.
BEGMP	Beginning mile point for the NHPN arc segment.
ENDMP	Ending mile point of the NHPN arc segment.
AADT	The Annual Average Daily Traffic field comes from the 2002 Highway Performance Monitoring System.
THRULANES	The Number of through lanes field indicates the number of striped lanes in both directions. This field does not include auxiliary lanes, such as collector-distributor lanes, weaving lanes, frontage road lanes, parking and turning lanes, acceleration/decel
OWNERSHIP	Identifies the road owner 1 = State Highway Agency 2 = County Highway Agency 3 = Town or Township Highway Agency 4 = Municipal Highway Agency 5 = Other State Agency 6 = Other Local Agency 7 = Federal Agency 8 = Other
ORNL_ALID	Original Arc ID of Oakridge National Lab Network.
FAF_ID	Unique Segment Identifier
FID_1	Feature Identification Number for the link
ALID	
SR1	Sign route types: I - Interstate. Posted as an Interstate route, but not necessarily on the Federal-Aid Interstate system. U - U.S. route. S - State route. T - Secondary state route J - Interstate related route, such as business routes and ramps. C - County route number or name. L - Local road name. P - Parkway. R - Inventory route number (not normally posted). V - Federal reservation road. "- " (dash) - Continuation of the local road name from the previous sign route field.



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SR2	<p>Sign route types:</p> <p>I - Interstate. Posted as an Interstate route, but not necessarily on the Federal-Aid Interstate system.</p> <p>U - U.S. route.</p> <p>S - State route.</p> <p>T - Secondary state route</p> <p>J - Interstate related route, such as business routes and ramps.</p> <p>C - County route number or name.</p> <p>L - Local road name.</p> <p>P - Parkway.</p> <p>R - Inventory route number (not normally posted).</p> <p>V - Federal reservation road.</p> <p>"-" (dash) - Continuation of the local road name from the previous sign route field.</p>
MILES_1	Contains measurement in miles for the arc chain.
HDNG	HEADING - The direction (N, S, E, or W) that one travels along the link from the A-node to the B-node.
ONEWAY	<p>ONE-WAY INDICATOR</p> <p>1 - Traffic flow permitted from A- to B-node only.</p> <p>2 - Bi-directional link.</p> <p>3 - Traffic flow from B- to A-node only.</p>
RURB	
MEDIAN	<p>MEDIAN</p> <p>M - Divided highway (with median).</p> <p>C - Undivided (i.e., "centerline").</p> <p>F - Ferry.</p>
ACCESS	<p>ACCESS CONTROL</p> <p>U - Uncontrolled access.</p> <p>G - Partially controlled access (with some at-grade intersections).</p> <p>I - Fully controlled access. All intersections are grade separated interchanges.</p> <p>F - Ferry.</p>
NLANE	Number of Lanes
STATUS_1	<p>Describes availability of the arc to through traffic.</p> <p>0 = Proposed/Under construction</p> <p>1 = Open to traffic</p>
TRFCTL	<p>TRAFFIC RESTRICTION</p> <p>In order of priority:</p> <p>Z - No vehicles (generally a passenger ferry).</p> <p>P - Closed to public use.</p> <p>C - Commercial traffic prohibited.</p> <p>H - Hazardous materials prohibited.</p> <p>T - Large trucks prohibited.</p> <p>Q - Occasi</p>
TOLL	<p>TOLL FLAG</p> <p>T - Toll road.</p> <p>B - The link contains a toll bridge (or tunnel).</p> <p>F - Free passage.</p>



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BIT1	Major highways subsystem. A "major intercity highways" subnetwork was constructed by using all Interstate links, most (but not all) rural principal arterials and urban expressways, and subjectively selected "gap fillers" deemed to be logical extensions
TRKRT	DESIGNATED TRUCK ROUTE
STRHNT	Special subnetwork for the Strategic Highway Corridor Network. 0 = Not on STRAHNET 1 = Non-Interstate STRAHNET Arc 2 = STRAHNET Priority 1 Connector 3 = STRAHNET Priority 2 Connector 4 = STRAHNET Priority 3 Connector 5 = Temporary STRAHNET Route
BITNL	BIT -Tunnel flag
ADMIN	ADMINISTRATIVE CLASS I - Federal-Aid Interstate. P - Federal-Aid Primary. S - Federal-Aid Secondary. U - Federal-Aid Urban. T - Combination of "S" and "U". That is, part of the road is FAU inside an urbanized area boundary and
FUNC	FUNCTIONAL CLASS - Functional class identifiers use the standard codes in HPMS
LSRC	Source of arc 'T' = Tiger File 'D' = Digitized 'S' = State 'U' = Unknown
LUPDAT	Last updated
SUBNET	Type of SubNetwork
JA	Node A
JB	Node B
STREET	Local Name of the Road
SPEED_LIMI	Posted Speed Limit
ST_ID	State FIPS Code
SPD_FUNC	
TRV_TIME	Travel time on the link in minutes