

# Highway Information System Item

## AL - Auxiliary Lanes

X\_SECT - Cross Section Position

<b>Code</b>	<b>Description</b>
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CR	Cardinal Right
CL	Cardinal Left
NR	Non-Cardinal Right
NL	Non-Cardinal Left
M	Middle

## AUXLANE - Auxiliary Lane Type

<b>Code</b>	<b>Description</b>
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1	Truck Climbing
2	Parking
3	Turning
4	Merging
5	Continuous Left Turn
6	Bicycle
9	Other

## AUXLNWID - Auxiliary Lane Width

## AUXSURF - Auxiliary Lane Surface Type

<b>Code</b>	<b>Description</b>
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10	Primitive
20	Unimproved
30	Graded & Drained
40	Soil, Gravel, or Stone
51	Bituminous Surface Treated
52	Mixed Bituminous
53	Bituminous Penetration
61	High Flexible
62	Composite; Flexible Over Rigid
70	Concrete
71	High Rigid (Plain Jointed)
72	High Rigid (Reinforce Jointed)
73	Rigid (Continuous Reinforced)
74	Rigid Over Rigid (Bonded)
75	Rigid Over Rigid (Unbonded)
76	Rigid Over Flexible
80	Brick, Block, Etc.

## Highway Information System Item

AP - Appalachian Development Highway System

CORRIDOR - Corridor

SECTION\_ID - Section ID

AP\_SEQ - Route Sequence

STATUS - Roadway Status

<b>Code</b>	<b>Description</b>
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O	Open to Traffic
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P	Proposed
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COST\_LENGTH - Section Length for Cost Est.

BEGIN\_DESC - Description of Beginning

END\_DESC - Description of Ending

# Highway Information System Item

## BKPD - Bike/Ped Facilities

X\_SECT - Cross Section Position

<b>Code</b>	<b>Description</b>
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CR	Cardinal Right
CL	Cardinal Left
NR	Non-Cardinal Right
NL	Non-Cardinal Left
M	Middle

FAC\_TYPE - Facility Type

<b>Code</b>	<b>Description</b>
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B	Bike Lane
C	Crosswalk
MU	Multi-Use Path
O	Other
S	Sidewalk
SB	Separated Bike Path
SH	Shared Bike Lane

COLLECT\_BY - Collected By

COLLECT\_DATE - Collection Date

# Highway Information System Item

## CA - Access Control

ACCESS\_TYPE - Type Access Control

Code	Description
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1	Full
2	Partial
3	By Permit

## Highway Information System Item

CH - Coal Haul

ANN\_TONS\_C - Annual Tons of Coal: Cardinal

ANN\_TONS\_N - Annual Tons of Coal: Non-Card.

# Highway Information System Item

## CU - Horizontal Curve

### CURVECLS - Class of Curvature

Code	Description
A	0.0-3.4 DEGREES
B	3.5-5.4 DEGREES
C	5.5-8.4 DEGREES
D	8.5-13.9 DEGREES
E	14.0-27.9 DEGREES
F	28.0 + DEGREES

### CURVEDEG - Horizontal Degree of Curve

### CURVEDIR - Curve Direction

Code	Description
L	Left
R	Right

### CURVEWID - Pavement Width in Curve

# Highway Information System Item

## EV - Rating Evaluation Section

WIDENOBST - widening obstacles

Code	Description
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X	No Obstacles
A	Dense Development
B	Major Transportation Facilities
C	Other Public Facilities
D	Terrain Restrictions
E	Historic and Archaeological Sites
F	Environmentally Sensitive Areas
G	Parkland

BEGDESC - Description of Beginning Point

HPMSIDNO - HPMS Identification

SAMPTYPE - Sample Type

Code	Description
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D	Donut
S	Sample

HORIZADQ - Horizontal Alignment Adequacy

Code	Description
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1	Curves Meet Design Standards For Type Rd
2	Some Curves<Standard, Safe At Speed Lim
3	Infrequent Curves With Reduced Speed Lim
4	Several Curves, Severely Affecting Speed

VERTLADQ - Vertical Alignment Adequacy

Code	Description
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1	Grades Meet Design Standards For Terrain
2	Some Grades<Standard w/ Sight Distance
3	Some Grades w/o Sight Distance
4	Frequent Grades w/o Sight Distance

DRAINADQ - Drainage Adequacy

Code	Description
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1	Good
2	Fair
3	Poor

SIT1500 - Percent Sight Dist.>=1500 ft.

TERRAIN - Type of Terrain

Code	Description
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1	Flat
2	Rolling
3	Mountainous

## WIDENFEAS - Widening Potential

Code	Description
0	No widening is feasible
1	Yes, one lane in either direction
2	Yes, two lanes
3	Yes, three lanes
4	Yes, four lanes
5	Yes, five lanes
6	Yes, six lanes
7	Yes, seven lanes
8	Yes, eight lanes
9	Yes, nine or more lanes

## WIDENOBST - Widening Obstacles

### LEFTURN - Peak left turn lanes

Code	Description
0	Not applicable
1	Multiple left turn lanes
2	Continuous left turn lane
3	Single left turn lane
4	No left turn lanes at intersection
5	No left turns during peak period

### RIGHTURN - Peak right turn lanes

Code	Description
0	Not applicable
1	Multiple right turn lanes
2	Continuous right turn lane
3	Single right turn lane
4	No right turn lanes at intersection
5	No right turns during peak period

## RRXING - Railroad Crossings

## OTHER - Other or no control

## IMPYEAR - Year of Improvement

## Highway Information System Item

### EW - Extended Weight System

EXTENDED - Extended Weight System

<b>Code</b>	<b>Description</b>
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1	Greater Than 50,000 Tons
2	Parkway or Former Parkway
3	Cooperative Agreement
4	Fiscal Court Designation

DESC\_OF\_ROUTE - Description of Route

## Highway Information System Item

FB - Ferry Boats

LOCATION - Ferry Location

DESCRIPTION - Description of Ferry

COST - Cost of Ferry

## Highway Information System Item

### FH - Forest Highway System

FOREST\_SYSTEM - Forest System

Code	Description
FD	Forest Service Development
FH	Forest Highway System

FH\_ROUTE - Forest Highway Route Number

FH\_SEQ - Forest Highway Route Sequence

ROAD - Road Name

DESC\_OF\_ROUTE - Description of Route

# Highway Information System Item

## FS - Federal System

### URBAREA - Urban Area Code (Census)

Code	Description
05032	Barbourville KY
05059	Bardstown KY
06085	Beaver Dam KY
07165	Berea KY
09379	Bowling Green KY
13159	Campbellsville KY
14050	Carrollton KY
14995	Central City--Greenville KY
16885	Cincinnati OH-KY-IN [Northern KY]
17317	Clarksville TN-KY [Ft Campbell/Oak Grove]
21853	Cynthiana KY
22231	Danville KY
26750	Elizabethtown-Radcliff KY
28333	Evansville IN-KY [Henderson KY]
31249	Frankfort KY
31276	Franklin KY
32977	Georgetown KY
33436	Glasgow KY
34651	Grayson KY
36865	Harlan KY
37216	Harrodsburg KY
37837	Hazard KY
40078	Hopkinsville KY
40753	Huntington WV-KY-OH [Ashland etc]
48259	Lawrenceburg KY
48529	Lebanon KY
48934	Leitchfield KY
49582	Lexington-Fayette KY
51131	London-Corbin KY
51755	Louisville/Jefferson County KY-IN
53227	Madisonville KY
55765	Mayfield KY
55819	Maysville KY--OH
56818	Middlesborough KY--TN--VA
58816	Monticello KY
59167	Morehead KY
59248	Morganfield KY
60274	Mount Sterling KY
60787	Murray KY
63244	Nicholasville KY
66484	Owensboro KY
66781	Paducah KY--IL
66997	Paintsville KY
67510	Paris KY
69373	Pikeville KY
72208	Prestonsburg KY
72343	Princeton KY
74665	Richmond KY
76960	Russellville KY
81307	Shelbyville KY
82900	Somerset KY

90433	Versailles KY
95401	Williamsburg KY
95887	Wilmore KY
96049	Winchester KY
99999	Rural

## STATUS - Roadway Status

Code	Description
C	Closed
O	Open to Traffic
P	Proposed

## FC - Functional Class (2010)

Code	Description
1	Interstate
2	Principal Arterial - Other Freeways and Expressways
3	Principal Arterial - Other
4	Minor Arterial
5	Major Collector
6	Minor Collector
7	Local

## NHS - National Highway System Code

Code	Description
0	Not on National Highway System
1	National Highway System
2	NHS Connector to Airport
3	NHS Connector to Port Facility
4	NHS Connector to Amtrak Station
5	NHS Connector to Rail/Truck Terminal
6	NHS Connector to Intercity Bus Terminal
7	NHS Connector to Public Transit Terminal
8	NHS Connector to Pipeline Terminal
9	NHS Connector to Ferry Terminal

## ENHANCED\_NHS - Enhanced NHS

Code	Description
E	Enhanced NHS

## TERMINAL - Description of NHSC Terminal

## STRAHNET - Strategic Highway Network

Code	Description
C	STRAHNET Connector
S	Strategic Highway Network (STRAHNET)

## DESC\_OF\_ROUTE - Description of Route

# Highway Information System Item

## GR - Grade (Vertical Curve)

### GRADECLS - Class of Grade

<b>Code</b>	<b>Description</b>
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A	0.0-0.4 Percent
B	0.5-2.4 Percent
C	2.5-4.4 Percent
D	4.5-6.4 Percent
E	6.5-8.4 Percent
F	8.5+Percent

### GRADEDIR - Grade Direction

<b>Code</b>	<b>Description</b>
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-	Down
+	Up

### GRADEPER - Percent Grade

### GRADEELV - Grade Elevation

## Highway Information System Item

LN - Through Lanes

LANEWID - Lane Width

LANES - No. of Driving Lanes, Total

LANESCRD - No. of Driving Lanes, Cardinal

LANESNC - No. of Driving Lanes, Non-Card

# Highway Information System Item

## MD - Median

### TYPEROAD - Type of Roadway

Code	Description
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C	Couplet
D	Divided Highway
U	Undivided Highway

### MEDTYPE - Type of Median

Code	Description
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1	Concrete Barrier
2	Guardrail Barrier
3	Other Positive Barrier
4	Raised Non Mountable
5	Raised Mountable
6	Flush
7	Depressed
8	None

### MEDWID - Median Width

# Highway Information System Item

## OP - Type of Operation

TYPEOP - Type Operation

<b>Code</b>	<b>Description</b>
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1	One-Way
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2	Two-Way
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# Highway Information System Item

## PV - Pavement

### SURFTYPE - Surface Type

Code	Description
10	Primitive
20	Unimproved
30	Graded & Drained
40	Soil, Gravel, or Stone
51	Bituminous Surface Treated
52	Mixed Bituminous
53	Bituminous Penetration
61	High Flexible
62	Composite; Flexible Over Rigid
70	Concrete
71	High Rigid (Plain Jointed)
72	High Rigid (Reinforce Jointed)
73	Rigid (Continuous Reinforced)
74	Rigid Over Rigid (Bonded)
75	Rigid Over Rigid (Unbonded)
76	Rigid Over Flexible
80	Brick, Block, Etc.

### SURFTHK - Surface Thickness

### PAVESECT - Pavement Section

Code	Description
0	Unpaved
1	Sn (Struct. # Known, Flexible)
2	D (Slab Thick. Known, Rigid)
3	Heavy
4	Medium
5	Light

### PAVESN - Structural Number

### OVERLAY - Overlay or Surface Thickness

### TYPEBASE - Type of Roadway Base Material

Code	Description
1	Roadbed Soil
2	Granular Material
3	Earth or Material W/Admixture
5	Not Applicable (Raised)
8	Hot Mix Asphalt
9	Lean Concrete

### SUBGRADE - Type of Subgrade Material Used

Code	Description
1	Coarse (Gravel, Sand, Etc)
2	Fine (Original Earth, Clay, Etc)
5	Not Applicable (Raised)



# Highway Information System Item

## RL - DMI Route Log

### TYPE\_POINT - Type of Point

Code	Description
CL	County Line
E	Entrance (business, church, school, etc)
FD	Intersection with Federal Road
IC	Interchange (at overpass -- not at ramps)
LR	Intersection with Local Road
MT	Maintenance Terminator
O	Other
RR	Railroad Crossing
SA	Intersection with Other State Agency Road
SR	Intersection with State-Maintained Route

### DIRECTION - Cardinal direction of travel

Code	Description
E	East
N	North

### TYPE - Junction or disjunction

Code	Description
D	Disjunction
E	Exit County
J	Junction
K	Re-enter County

### DESCRIPTION - Desc of intersecting feature

### SIDE - Intersecting Route Side - id

### ISECTYPE - Type of Roadway Intersection

Code	Description
1	4 Leg
2	"Y"
3	"T"
4	Rotary
5	5 or More Legs
6	Interchange

### ISECTCTL - Intersection Traffic Control

Code	Description
1	With Signalization
2	With Stop Sign
3	Other or No Control
4	No Control (Interchange)

### SIGTYPE - Type of Signal

Last refreshed 9/22/15

<b>Code</b>	<b>Description</b>
1	Uncoordinated Fixed Time
2	Traffic Actuated
3	Progressive

### INTERCHG - Type of Interchange

<b>Code</b>	<b>Description</b>
01	Diamond
02	Partial
03	Trumpet
04	Three-Leg Directional/Y
05	Partial Cloverleaf
07	Full Cloverleaf
08	Four-Leg All-Directional
10	Semi-Directional
11	Single Point
12	Diverging Diamond/Double Crossover Diamond
13	Displaced Left Turn
99	Other Grade Separation

### EXIT\_NUMBER - Exit Number

## Highway Information System Item

### SB - Scenic Byway System

SC\_ROUTE - Scenic Highway Route Number

SC\_SEQ - Scenic Highway Route Sequence

ROAD - Road Name

DESC\_OF\_ROUTE - Description of Route

EFFECTIVE\_DATE - Effective Date

# Highway Information System Item

## SH - Shoulders

X\_SECT - Cross Section Position

<b>Code</b>	<b>Description</b>
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CR	Cardinal Right
CL	Cardinal Left
NR	Non-Cardinal Right
NL	Non-Cardinal Left
M	Middle

## SHLDTYPE - Type of Shoulder

<b>Code</b>	<b>Description</b>
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1	No Shoulders or Curbs Exist
2	Paved w/ Bituminous Material
3	Paved w/ Portland Cement
5	Stabilized
6	Combination
7	Earth
8	Curbed

## SHLDWID - Shoulder Width

## Highway Information System Item

SL - Speed Limit

SPEEDLIM - Posted Speed Limit

OONUMBER - Official Order Number

# Highway Information System Item

## SS - State System

### STHWYSYS - State Classification

<b>Code</b>	<b>Description</b>
1	State Primary (Interstate)
2	State Primary (Parkway)
3	State Primary (Other)
4	State Secondary
5	Rural Secondary
6	Supplemental Road
8	Non-State-Maintained segment (eg. RR bridge)

### NEW\_SS - Proposed Deletion from State

<b>Code</b>	<b>Description</b>
9	Proposed removal from State System

### TOLLROAD - Toll Road

<b>Code</b>	<b>Description</b>
2	Toll Facility

# Highway Information System Item

## TF - Traffic Flow Section

ADTSTATN - Traffic Count Station ID

ADTSTYPE - Station Type

Code	Description
0	in adjacent county
1	Permanent (ATR)
2	Full Coverage
3	Classification
4	Local Road Bridge
5	Ramp or Rest Area

BEGDESC - Description of Begin Point

ENDDDESC - Description of End Point

LASTCNT - Last Actual AADT Count

LASTCNTYR - Year of Last Actual ADT Count

ADTPRIOR - Prior Year AADT

ADTSRCE - Source of Prior Year AADT

Code	Description
?	Unknown Source
A	Actual Count
B	Average of Multiple Counts
C	Computed Estimate
E	Engineers Estimate
N	No Count
R	Engineer Adjusted
X	Unfactored Prior Count

ADTSINGLE - Single Unit Truck ADT

ADTCOMBO - Combination Truck ADT

PCSINGOP - Percent Single Unit Trucks

PCCOMBOP - Percent Combination Trucks

PCSINGPK - Percent Single Unit Trucks Pk

PCCOMBPK - Percent Combination Trucks Pk

GROWTH\_FACTOR - AADT Growth Factor

K\_FACTOR - K Factor

D\_FACTOR - D Factor

AXLE\_FACTOR - Axle Factor



# Highway Information System Item

## TR - Truck Network

### COMMACC - Commercial Vehicle Access

<b>Code</b>	<b>Description</b>
1	Federal Designated Truck Route
2	State Designated Truck Route
3	Parkway - No Trucks Allowed
4	Not a Designated Truck Route
5	No Trucks Allowed

### DESC\_OF\_ROUTE - Description of Route

### TR\_SEQ - Route Sequence

## Highway Information System Item

### TW - Truck Weight Class

WTCLASS - Truck Weight Limit Class

Code	Description
A	44,000 lbs maximum
AA	62,000 lbs maximum
AAA	80,000 lbs maximum
C	36,000 lbs maximum

DESC\_OF\_ROUTE - Description of Route

TW\_SEQ - Route Sequence