

HERS-ST DATA ITEMS

Data Development Categories (1-Easy, 2-Moderate, 3-Difficult)

Catgr	#	Variable Name	Description
1	1	Yr	Year
1	2	State	State Code
1	3	Metric	Reporting Units (English or metric)
1	4	Cnty	County Code
1	5	SecID	Section Identification
1	6	Sample	Is Standard Sample
n/a	7	<i>Donut</i>	<i>Is Donut Sample</i>
n/a	8	SCF ¹	State Control Field
n/a	9	<i>Grouped</i>	<i>Is Section Grouped</i>
n/a	10	LRSID ¹	LRS Identification
n/a	11	BegMP ¹	LRS Beginning Point
n/a	12	EndMP ¹	LRS Ending Point
1	13	RurUrb	Rural/Urban Designation
n/a	14	<i>UrbSampTech</i>	<i>Urbanized Area Sampling Technique</i>
n/a	15	<i>UrbAreaCode</i>	<i>Urbanized Area Code</i>
n/a	16	<i>NonAttainCode</i>	<i>NAAQS Nonattainment Area Code</i>
1	17	FC	Functional System Code
1	18	GFC	Generated Functional System Code
n/a	19	<i>NHS</i>	<i>National Highway System</i>
1	20	<i>Unblt</i>	<i>Planned Unbuilt Facility</i>
n/a	21	<i>InstRtNum</i>	<i>Official Interstate Route Number</i>
n/a	22	<i>RouteSign</i>	<i>Route Signing</i>
n/a	23	<i>RouteSignQual</i>	<i>Route Signing Qualifier</i>
n/a	24	<i>SingRtNum</i>	<i>Signed Route Number</i>
n/a	25	<i>GovOwn</i>	<i>Governmental Ownership</i>
n/a	26	<i>SpecSys</i>	<i>Special Systems</i>
1	27	FT	Type Of Facility (One Way Or Two Way)
n/a	28	<i>TrkRoute</i>	<i>Designated Truck Route</i>
n/a	29	<i>Toll</i>	<i>Toll</i>
1	30	SLEN	Section Length
n/a	31	<i>DonutGrpID</i>	<i>Donut Area Sample AADT Volume Group Identifier</i>
n/a	32	<i>StdGrpID</i>	<i>Standard Sample AADT Volume Group Identifier</i>
3	33	AADT	Annual Average Daily Traffic
1	34	TLanes	Number Of Through Lanes
2	35	IRI ²	International Roughness Index
2	36	PSR ²	Present Serviceability Rating (Pavement Condition)
1	37	HOV	High Occupancy Vehicle Operations
n/a	38	<i>HWSurvSysA</i>	<i>Electronic Surveillance</i>
n/a	39	<i>HWSurvSysB</i>	<i>Metered Ramps</i>
n/a	40	<i>HWSurvSysC</i>	<i>Variable Messages Signs</i>
n/a	41	<i>HWSurvSysD</i>	<i>Highway Advisory Radio</i>
n/a	42	<i>HWSurvSysE</i>	<i>Surveillance Cameras</i>
n/a	43	<i>HWSurvSysF</i>	<i>Incident Detection</i>
n/a	44	<i>HWSurvSysG</i>	<i>Free Cell Phone</i>
n/a	45	<i>HWSurvSysH</i>	<i>On-Call Service Patrol</i>
n/a	46	<i>HWSurvSysI</i>	<i>In-Vehicle Signing</i>
1	47	SampID	HPMS Sample Identifier
n/a	48	<i>DonutExpFact</i>	<i>Donut Area Expansion Factor</i>
1	49	ExpFac	Standard HPMS Sample Expansion Factor
1	50	Surf	Surface/Pavement Type
2	51	SNorD	Structural Number or Slab Thickness
1	52	Climate	General Climate Zone

Catgr	#	Variable Name	Description
1	53	ImpYr	Year Of Surface Improvement
1	54	LaneW	Lane Width
1	55	Access	Type of Access Control
1	56	MedT	Median Type
1	57	MedW	Median Width
1	58	ShldT	Shoulder Type
1	59	RShldW	Right Shoulder Width
1	60	LShldW	Left Shoulder Width
1	61	PkPark	Peak Parking
1	62	WdFeas	Widening Feasibility
1-3	63	LCurveA	Length of Class A Curves
1-3	64	LCurveB	Length of Class B Curves
1-3	65	LCurveC	Length of Class C Curves
1-3	66	LCurveD	Length of Class D Curves
1-3	67	LCurveE	Length of Class E Curves
1-3	68	LCurveF	Length of Class F Curves
1	69	HorAln	Horizontal Alignment Adequacy
1	70	Terrn	Type Of Terrain
1	71	VerAln	Vertical Alignment Adequacy
1-3	72	LGradeA	Length of Class A Grades
1-3	73	LGradeB	Length of Class B Grades
1-3	74	LGradeC	Length of Class C Grades
1-3	75	LGradeD	Length of Class D Grades
1-3	76	LGradeE	Length of Class E Grades
1-3	77	LGradeF	Length of Class F Grades
1-2	78	PSD	Percent Passing-Sight Distance
1	79	WDS ³	Weighted Design Speed
1	80	SpdLim	Posted Speed Limit
1	81	PcPkSu	Peak Percent of Single-Unit Trucks
3	82	PcAvSu	Average Daily Percent of Single-Unit Trucks
1	83	PcPkCm	Peak Percent of Combination Trucks
3	84	PcAvCm	Average Daily Percent of Combination Trucks
3	85	KFac	K-Factor
1	86	DFac	Directional Factor
1	87	PLanes	Number Of Peak Lanes
1	88	LTurn	Left Turning Lanes
1	89	RTurn	Right Turning Lanes
n/a	90	<i>SigType</i>	<i>Prevailing Type of Signalization</i>
1	91	PctGrn	Percent Green Time
1	92	NSig	Number of At-Grade intersections - signals
1	93	NStop	Number of At-Grade intersections - stop signs
1	94	NOInts	Number of At-Grade intersections - other
1	95	PkCap ³	Peak capacity
1	96	VSF	Volume/Service Flow Ratio
3	97	FAADT	Future AADT
1	98	FAADTYr	Year of Future AADT

(Items not used by HERS-ST are shaded blue and italic)

1. Variable copied to output files but not otherwise used by HERS-ST (values passed through).
2. HERS-ST requires either IRI or PSR. If both are provided, the PSR/IRI indicator identifies the value to be used.
3. Optional inputs - will be calculated by HERS-ST if not coded.