

National Tunnel Inventory – Inventory and Element Data

Inventory Data

Identification Items

Item ID	Inventory Item Name	Code
I.1	Tunnel Number	
I.2	Tunnel Name	
I.3	State Code	
I.4	County Code	
I.5	Place Code	
I.6	Highway Agency District	
I.7	Route Number	
I.8	Route Direction	
I.9	Route Type	
I.10	Facility Carried	
I.11	LRS Route ID	
I.12	LRS Mile Point	
I.13	Tunnel Portal's Latitude	
I.14	Tunnel Portal's Longitude	
I.15	Border Tunnel State or Country Code	
I.16	Border Tunnel Financial Responsibility	
I.17	Border Tunnel Number	
I.18	Border Tunnel Inspection Responsibility	

Age and Service Items

Item ID	Inventory Item Name	Code
A.1	Year Built	
A.2	Year Rehabilitated	
A.3	Total Number of Lanes	
A.4	Average Daily Traffic	
A.5	Average Daily Truck Traffic	
A.6	Year of Average Daily Traffic	
A.7	Detour Length	
A.8	Service in Tunnel	

Classification Items

Item ID	Inventory Item Name	Code
C.1	Owner	
C.2	Operator	
C.3	Direction of Traffic	
C.4	Toll	
C.5	NHS Designation	
C.6	STRAHNET Designation	
C.7	Functional Classification	
C.8	Urban Code	

Geometric Data Items

Item ID	Inventory Item Name	Code
G.1	Tunnel Length	
G.2	Minimum Vertical Clearance over Tunnel Roadway	
G.3	Roadway Width, Curb-to-Curb	
G.4	Left Sidewalk Width	
G.5	Right Sidewalk Width	

Inspection items

Item ID	Inventory Item Name	Code
D.1	Routine Inspection Target Date	
D.2	Actual Routine Inspection Date	
D.3	Routine Inspection Interval	
D.4	In-Depth Inspection	
D.5	Damage Inspection	
D.6	Special Inspection	

Load Rating and Posting Items

Item ID	Inventory Item Name	Code
L.1	Load Rating Method	
L.2	Inventory Load Rating Factor	
L.3	Operating Load Rating Factor	
L.4	Tunnel Load Posting Status	
L.5	Posting Load – Gross	
L.6	Posting Load – Axle	
L.7	Posting Load – Type 3	
L.8	Posting Load – Type 3S2	
L.9	Posting Load – Type 3-3	
L.10	Height Restriction	
L.11	Hazardous Material Restriction	
L.12	Other Restrictions	

Navigation Items

Item ID	Inventory Item Name	Code
N.1	Under Navigable Waterway	
N.2	Navigable Waterway Clearance	
N.3	Tunnel or Portal Island Protection from Navigation	

Structure Type and Material Items

Item ID	Inventory Item Name	Code
S.1	Number of Bores	
S.2	Tunnel Shape	
S.3	Portal Shapes	
S.4	Ground Conditions	
S.5	Complex	

Joints & Gaskets

Element Name	Element Number	Element Parent Number	Total Quantity	Condition State 1 Quantity	Condition State 2 Quantity	Condition State 3 Quantity	Condition State 4 Quantity

Civil Elements

Element Name	Element Number	Element Parent Number	Total Quantity	Condition State 1 Quantity	Condition State 2 Quantity	Condition State 3 Quantity	Condition State 4 Quantity

Fire/Life Safety/Security System Elements

Element Name	Element Number	Element Parent Number	Total Quantity	Condition State 1 Quantity	Condition State 2 Quantity	Condition State 3 Quantity	Condition State 4 Quantity

Sign Elements

Element Name	Element Number	Element Parent Number	Total Quantity	Condition State 1 Quantity	Condition State 2 Quantity	Condition State 3 Quantity	Condition State 4 Quantity

Protective Systems Elements

Element Name	Element Number	Element Parent Number	Total Quantity	Condition State 1 Quantity	Condition State 2 Quantity	Condition State 3 Quantity	Condition State 4 Quantity