NC Department of Transportation

SPOT On!ine Domain Reference

Prioritization 7.0

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Purpose

This document will serve as a reference for all domains utilized in feature classes, feature services, and tables in SPOT On!ine, Prioritization 7.0. It is intended for use as a companion document to more complete metadata available for the respective datasets listed for each domain.

Credits

North Carolina Department of Transportation GIS Unit, Strategic Prioritization Office of Transportation (SPOT)

Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

SPOT On!ine is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT On!ine application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT On!ine project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

Domain: CountyStateCodes
Dataset(s): LRS_Route_Segments

Definition: Code of 0-99 representing all 100 counties in North Carolina. Also codes of 901-904 representing bordering states.

Code	CodedValue
0	Alamance
1	Alexander
2	Alleghany
3	Anson
4	Ashe
5	Avery
6	Beaufort
7	Bertie
8	Bladen
9	Brunswick
10	Buncombe
11	Burke
12	Cabarrus
13	Caldwell
14	Camden
15	Carteret
16	Caswell
17	Catawba
18	Chatham
19	Cherokee
20	Chowan
21	Clay
22	Cleveland
23	Columbus
24	Craven
25	Cumberland
26	Currituck
27	Dare
28	Davidson
29	Davie
30	Duplin
31	Durham
32	Edgecombe
33	Forsyth
34	Franklin
35	Gaston
36	Gates
37	Graham
38	Granville
39	Greene
40	Guilford
41	Halifax
42	Harnett
43	Haywood
44	Henderson
45	Hertford
46	Hoke
47	Hyde
48	Iredell
49	Jackson
50	Johnston
51	Jones
52	Lee
53	Lenoir
54	Lincoln
55	Macon
56	Madison
57	Martin
58	McDowell
59	Mecklenburg
60	Mitchell
61	Montgomery
62	Moore
63	Nash
64	New Hanover
65	Northampton
66	Onslow
67	Orange
68	Pamlico
69	Pasquotank
70	Pender
71	Perquimans
72	Person
73	Pitt
74	Polk
75	Randolph
76	Richmond
77	Robeson
78	Rockingham
79	Rowan
80	Rutherford
81	Sampson
82	Scotland
83	Stanly
84	Stokes
85	Surry
86	Swain
87	Transylvania
88	Tyrrell
89	Union
90	Vance
91	Wake
92	Warren
93	Washington
94	Watauga
95	Wayne
96	Wilkes
97	Wilson
98	Yadkin
99	Yancey
901	Georgia
902	South Carolina
903	Tennessee
904	Virginia

Domain: dANeedCategory
Dataset(s): AviationProjects

Definition: Aviation Mode Need Category

Code	CodedValue
1	Capacity/Congestion
2	Facility Deficiencies
3	Other

Domain: dAreaTypes
Dataset(s): ProjectOverlaps

Definition:

Code	CodedValue
1	MPO
2	RPO
3	Division

Domain: dARouteFacilityNames
Dataset(s): Airports, AviationProjects

Definition: Aviation Mode Facility Names

Code	CodedValue
1	1A5 - Macon County Airport
2	24A - Jackson County Airport
3	43A - Montgomery County Airport
4	60J - Odell Williamson Municipal Airport
5	7A8 - Avery County Airport
6	7W6 - Hyde County Airport
7	ACZ – Henderson Field (Wallace)
8	AFP - Anson County Airport
9	AKH - Gastonia Municipal Airport
10	ASJ - Tri-County Airport
11	AVL - Asheville Regional Airport
12	BUY - Burlington - Alamance Regional Airport
13	CLT - Charlotte Douglas International Airport
14	CPC - Columbus County Municipal Airport
15	CTZ - Clinton-Sampson County Airport
16	DPL - Duplin County Airport
17	ECG - Elizabeth City CGAS/Regional Airport
18	EDE - Northeastern Regional Airport
19	EHO - Shelby Municipal Airport
20	EQY - Charlotte-Monroe Executive Airport
21	ETC - Tarboro-Edgecombe Airport
22	EWN - Coastal Carolina Regional Airport
23	EXX - Davidson County Airport/Lexington Municipal
24	EYF – Elizabethtown Airport (Curtis L Brown Field)
25	FAY - Fayetteville Regional Airport
26	FFA - First Flight Airport
27	FQD - Rutherford County Airport

28	GEV - Ashe County Airport
29	GSO – Piedmont Triad International Airport
30	GWW - Wayne Executive Jetport
31	HBI - Asheboro Municipal Airport
32	HKY - Hickory Regional Airport
33	HNZ - Henderson-Oxford Airport
34	HRJ - Harnett County Jetport
35	HSE - Billy Mitchell Airport
36	ILM - Wilmington International Airport
37	INT - Smith Reynolds Airport
38	IPJ - Lincoln County Regional Airport
39	ISO - Kinston Regional Jetport at Stallings Field
40	IXA - Halifax Northampton Airport
41	JNX - Johnston County Airport
42	JQF - Concord Regional Airport
43	LBT - Lumberton Municipal Airport
44	LHZ - Franklin County Airport
45	MCZ - Martin County Airport
46	MEB – Laurinburg/Maxton Airport
47	MQI - Dare County Regional Airport
48	MRH - Michael J. Smith Field
49	MRN - Foothills Regional Airport
50	MWK - Mount Airy/Surry County Airport
51	OAJ - Albert J. Ellis Airport
52	OCW - Warren Field
53	ONX - Currituck County Airport
54	PGV - Pitt-Greenville Airport
55	PMZ - Plymouth Municipal Airport
56	RCZ - Richmond County Airport
57	RDU – Raleigh Durham Int Airport
58	RHP - Andrews Murphy Airport
59	RUQ - Rowan County Airport
60	RWI - Rocky Mount-Wilson Regional Airport
61	SCR - Siler City Municipal Airport
62	SIF - Rockingham County / NC Shiloh Airport
63	SOP - Moore County Airport
64	SUT - Cape Fear Regional Jetport
65	SVH - Statesville Municipal Airport
66	TDF - Person County Airport
67	TTA - Raleigh Executive Jetport
68	UKF - Wilkes County Airport
69	VUJ - Stanly County Airport
70	W40 - Mount Olive Municipal Airport
71	W95 - Ocracoke Island Airport
72	ZEF - Elkin Municipal Airport

Domain: dASpecificImprovementTypes
Dataset(s): AviationProjects

Definition: Aviation Specific Improvement Types

Code	**CodedValue**
1	100 – Runway Approach
2	200 – Runway Safety Area
3	300 – Runway Protection Zones
4	500 – Runway Length & WIDTH
5	600 – Pavement Strength
6	800 – Runway Edge Lighting
7	1100 – Taxiway Requirements
8	1200 – Aircraft Apron / Helipad Requirements
9	1300 – General Aviation Terminal Building
10	1400 – Taxiway and Apron Edge Lighting
11	1500 – Airfield Signage
12	1700 – Approach Lighting
13	1900 – Hangars
14	2100 – Perimeter Fencing
15	2200 – Fuel Facilities
16	3000 - Other

Domain: dBDesignatedRoute
Dataset(s): BikePedProjects

Definition: Bike Ped Mode Designated Routes

Code	CodedValue
1	Project is on/improving a designated route
2	Project connects to a designated route
3	Neither

Domain: dBEnvironmentalDocumentTypes
Dataset(s): BikePedProjects

Definition: Bike Ped Mode Environmental Document Types

Code	CodedValue
1	Categorical Exclusion Type I/II
2	Environmental Assessment
3	Environmental Impact Statement

Domain: dBFacilityTypes
Dataset(s): BikePedProjects

Definition: Bike and Pedestrian Facility Types

Code	CodedValue
1	Accessible Pedestrian Signals
2	Bicycle Corral
3	Bicycle Detection / Actuation
4	Bicycle Lane
5	Bicycle Parking
6	Bicycle Share / Micro-Mobility Share
7	Bicycle Signal
8	Bicycle Wheel Channel
9	Buffered Bicycle Lane
10	Contra-Flow Bicycle Lanes
11	Crossing Island
12	Curb Extensions
13	Curb Radii Revisions
14	Curb Ramp
15	Hybrid Beacon
16	Intersection Markings / Signage

17	Lighting
18	Marked Crosswalk
19	Mid-Block Crossing
20	New Bicycle/Pedestrian Bridge
21	New Bicycle/Pedestrian Tunnel
22	New Pedestrian Bridge
23	New Pedestrian Tunnel
24	Paved Shoulder
25	Pedestrian Hybrid Beacon
26	Pedestrian Signal
27	Rail-Trail

28	Rectangular Rapid Flashing Beacon
29	Separated Bike Lane
30	Shared Lane Marking ('Sharrow')
31	Shared-Use Path / Multi-Use Path
32	Sidepath
33	Sidewalk Widening
34	Sidewalk
35	Signage
36	Streetscape / Corridor Improvements
37	Trail Improvement
38	Wayfinding

Domain: dBLOICategory

Dataset(s): BikePedBufferLOI

Definition:

Code	CodedValue
1	Goverment Building
4	School
5	University/College
6	Park
9	Place of Worship
3	Transit Route
7	Medical Center
8	Tourist Destinations

Domain: dBNeedCategory
Dataset(s): BikePedProjects

Definition: Bike Ped Mode Need Category

Code	CodedValue
1	System Linkage/Connectivity
2	Capacity/Congestion
3	Modal Interrelationships
4	Safety
5	Facility Deficiencies
6	Mobility
7	Other

Domain: dBSpecificImprovementTypes
Dataset(s): BikePedProjects

Definition: Bike and Pedestrian Specific Improvement Types

1	1 - Grade-Separated Bicycle Facility (Bicycle)
2	2 - Off-Road/Separated Linear Bicycle Facility (Bicycle)
3	3 - On-Road Designated Bicycle Facility (Bicycle)
4	4 - On-Road Bicycle Facility (Bicycle)
5	5 - Multi-Site Bicycle Facility (Bicycle)
6	6 - Grade-Separated Pedestrian Facility (Pedestrian)
7	7 - Protected Linear Pedestrian Facility (Pedestrian)
8	8 - Multi-Site Pedestrian Facility (Pedestrian)
9	9 - Improved Pedestrian Facility (Pedestrian)

Domain: dFNeedCategory
Dataset(s): FerryProjects

Definition: Ferry Need Category

Code	CodedValue
1	Connectivity
2	Capacity/Congestion
3	Modal Interrelationships
4	Facility Deficiencies
5	Mobility
6	Other

Domain: dFRouteFacilityNames
Dataset(s): FerryProjects

Definition: Ferry Route Facility Names

Code	CodedValue
1	Southport - Ft Fisher
2	Cherry Branch - Minnesott
3	Aurora - Bayview
4	Currituck - Knotts Island
5	Hatteras - Ocracoke (South Dock) - vehicle
6	Cedar Island – Ocracoke (Silver Lake)
7	Swan Quarter – Ocracoke (Silver Lake)
8	Statewide: Support Vessel
9	Hatteras – Ocracoke (Silver Lake) – passenger
10	New Route

Domain: dFSpecificImprovementTypes
Dataset(s): FerryProjects

Definition: Ferry Mode Specific Improvement Types

Code	CodedValue
1	1 - Replacement Vessel (Support Fleet) - Tug
2	2 - Replacement Vessel (Support Fleet) - Barge
3	3 – Replacement Vessel – Dredge
4	4 – Replacement Vessel – River Class Ferry (like for like)
5	5 – Replacement Vessel – Sound Class Vessel (like for like)
6	6 – Replacement Vessel – Passenger (like for like)
7	7 – Replacement Vessel – Hatteras Class (to increase capacity)
8	8 – New River Class Vessel (to increase capacity)
9	9 – New Sound Class Vessel (to increase capacity)
10	10 – New Passenger Vessel (to increase capacity)
11	11 – New Ramp & Gantry (to increase capacity)
12	12 – Port Expansion (to increase capacity)
13	13 – Other Terminal or Shipyard infrastructure
14	14 – Terminal Replacement
15	15 – New Terminal & Vessel
16	16 – New Terminal

Domain: dFundingCategory

Dataset(s): AviationProjects, BikePedProjects, FerryProjects, HighwayProjects, ProjectScoring, PublicTransitProjects, RailProjects

Definition: Funding Category of Project

Code	CodedValue
1	Statewide Mobility
2	Regional Impact
3	Division Needs

Domain: dHAccessControl

Dataset(s): HighwayProjects

Definition: Highway Mode Access Control

Code	CodedValue
1	Full
2	Limited
3	Partial
4	None

Domain: dHAreaTypes

Dataset(s): HighwayProjects, ProjectOverlaps

Definition: Highway Mode Area Types

Code	CodedValue
1	Urban
2	Suburban
3	Rural

Domain: dHCitywideSignalProjectTypes

Dataset(s): HighwayProjects

Definition: Highway Mode Citywide Signal Project Types

Code	CodedValue
1	Upgrade of an Existing System
2	New Citywide Signal System

Domain: dHCostSources

Dataset(s): HighwayProjects

Definition: Highway Mode Project Cost Sources

Code	CodedValue
1	Verified Estimate
2	Express Design
3	Feasibility Studies Unit
4	Cost Estimation Tool
5	NCDOT Highway Division Guidance
6	NC Turnpike Authority
7	MPO/RPO Guidance
8	Mobility & Safety Division (ITS)

Domain: dHExistingCrossSections

Dataset(s): HighwayProjects

Definition: Highway Mode Project Existing Cross Sections

Code	CodedValue
1	New Roadway
2	2 Lane Undivided
3	2 Lane with TWLTL (Three Lane)
4	4 Lane Undivided
5	4 Lane with TWLTL (Five Lane)
6	4 Lane with Median - Partial Control
7	4 Lane with Median - Limited Control
8	4 Lane with Median - Full Control
9	6 Lane with TWLTL (Seven Lane)
10	6 Lane with Median - Partial Control

11	6 Lane with Median - Limited Control
12	6 Lane with Median - Full Control
13	8 Lane with Median - Partial Control
14	8 Lane with Median with Full Control

Domain: dHExistingIntIntValues

Dataset(s): ExistingAndProjectIntInts

Definition:

Code	CodedValue
1	New Location
2	At-Grade Intersection
3	Grade-Separation
4	Diamond
5	Diamond with 1 loop
6	Diamond with 2 loops
7	Tight Urban Diamond
8	Single Point Urban Interchange
9	Diverging Diamond
10	Modern Roundabout Interchange
11	Split Diamond
12	Half Clover
13	Trumpet
14	Cloverleaf
15	Cloverleaf with 2 Collector-Distributors
16	Cloverleaf with 4 Collector-Distributors
17	Directional – 1 Flyover Ramp and 3 Loops
18	Directional – 1 Flyover Ramp and 3 Loops with 1 Collector-Distributor
19	Directional – 2 Flyover Ramps and 2 Loops
20	Directional – 3 Flyover Ramps and 1 Loop

Domain: dHFacilityTypes

Dataset(s): HighwayProjects, ShoulderWidthLookup, UpgradeRoadwayEligibleLookup

Definition: Highway Project Mode Facility Types

Code	CodedValue
1	Arterial
2	Two Lane Highway
3	Multi-Lane Highway
4	Freeway
5	Superstreet

Domain: dHGoals

Dataset(s): HighwayProjects

Definition: Highway Mode Goals

Code	CodedValue
1	Mobility
2	Infrastructure Health

Domain: dHImprovementTypes

Dataset(s): HighwayProjects

Definition: Highway Mode Improvement Types

Code	CodedValue		
1	Capacity	4	Signal System
2	Intersection / Interchange	5	Traveler Services
3	Corridor Management	6	Modernization

Domain: dHMedianTypes

Dataset(s): HighwayProjects, ShoulderWidthLookup

Definition: Highway Mode Median Types

Code	CodedValue
1	Divided
2	TWLTL
3	Undivided

Domain: dHMedianTypesForCostEstTool

Dataset(s): HighwayProjects

Definition: Highway Mode Median types

Code	CodedValue
1	Depressed Grass Median - 46ft or Greater (Cable Guiderail)
2	Depressed Grass Median - 30ft (Rigid Guardrail)
3	Raised Grass Median
4	Raised Concrete Median
5	Jersey Barrier
6	Two Way Left Turn Lane
7	None (Undivided)

Domain: dHNeedCategory

Dataset(s): HighwayProjects

Definition: Highway Modes Needs Category

Code	CodedValue
1	System Linkage/Connectivity
2	Capacity/Congestion
3	Modal Interrelationships
4	Safety
5	Facility Deficiencies
6	Mobility
7	Other

Domain: dHProjectCrossSections

Dataset(s): HighwayProjects

Definition: Highway Project Mode Cross Sections

Code	CodedValue
1	2A - 2 Lane Undivided with Paved Shoulders, 55 mph
2	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
3	2C - 2 Lane Undivided with Paved Shoulders, 25-35 mph
4	2D - 2 Lane Undivided with Paved Shoulders and Sidewalks
5	2E - 2 Lane Undivided with Curb & Gutter, Bike Lanes, and Sidewalks
6	2F - 2 Lane Undivided with Paved Shoulders and Sidewalks in CAMA Counties
7	2G - 2 Lane Undivided with Curb & Gutter, Parking Both Sides, Bike Lanes, and Sidewalks
8	2H - 2 Lane Undivided with Curb & Gutter, Parking One Side, Bike Lanes, and Sidewalks
9	2I - 2 Lane Divided (23' Raised Median) with Curb & Gutter and Sidewalks
10	2J - 2 Lane Divided (23' Raised Median) with Curb & Gutter, Bike Lanes, and Sidewalks
11	2K - 2 Lane Divided (17'-6" ft Raised Median) with Curb & Gutter and Sidewalks
12	2L - 2 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Bike Lanes, and Sidewalks
13	2M - 2 Lane Undivided with Paved Shoulders, and Sidepath, 55 mph
14	2N - 2 Lane Undivided with Paved Shoulders, and Sidepath, 25-45 mph

15	2O - 2 Lane Undivided with Paved Shoulders, and Sidepath, 25-35 mph
16	2P - 2 Lane Undivided with Paved Shoulders, Sidewalks and Sidepaths in CAMA Counties
17	2Q - 2 Lane Divided (23' Raised Median) with Curb & Gutter Sidewalk, and Sidepath
18	2R - 2 Lane Divided (17'-6" ft Raised Median) with Curb & Gutter, Sidewalk and Sidepath
19	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders
20	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
21	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
22	3D - 2 Lane with Two Way Left Turn Lane, Paved Shoulders, and Sidepath
23	3E - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Sidewalks, and Sidepath
24	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
25	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
26	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter and Sidewalks
27	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Bike Lanes, and Sidewalks
28	4E - 4 Lane Divided (17'-6"' Raised Median) with Paved Shoulders and Sidewalks
29	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter and Sidewalks
30	4G - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Bike Lanes, and Sidewalks
31	4H - 4 Lane Divided (46' Depressed Median) with Paved Shoulders, and Sidepath, 45-55 mph
32	4I - 4 Lane Divided (23' Raised Median) with Paved Shoulders Sidewalk, and Sidepath, 35-55 mph
33	4J - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Sidewalk, and Sidepath, 35-45 mph
34	4K - 4 Lane Divided (17'-6' Raised Median) with Paved Shoulders, Sidewalk, and Sidepath, 35-55 mph
35	4L - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Sidewalk, and Sidepath, 35-45 mph
36	5A - 4 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
37	5B - 4 Lane with Two Way Left Turn Lane, Curb & Gutter, Sidewalk, and Sidepath, 35-45 mph
38	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
39	6B - 6 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders
40	6C - 6 Lane Freeway (27' Median with Jersey Barrier) with Paved Shoulders and 2 Lane One-Way Service Roads each side
41	6D - 6 Lane Freeway (4 General Purpose Lanes, 2 Managed Lanes, and 27' Median with Jersey Barrier) with Paved Shoulders
42	6E - 6 Lane Divided (23' Raised Median) with Curb & Gutter and Sidewalks
43	6F - 6 Lane Divided (17'-6"' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
44	6G - 6 Lane Divided (46’ Depressed Median) with Paved Shoulders, and Sidepath, 45-55mph
45	6H - 6 Lane Divided (23' Raised Median) with Curb & Gutter, and Sidewalk, and Sidepath, 35-45 mph
46	6I - 6 Lane Divided (17'-6" Raised Median) with Curb & Gutter, and Sidewalk, and Sidepath, 35-45 mph
47	8A - 8 Lane Divided (46' Depressed Median) with Paved Shoulders
48	8B - 8 Lane Divided (27' Median with Jersey) Barrier with Paved Shoulders
49	8C - 8 Lane Freeway (27' Median with Jersey Barrier) with Paved Shoulders and 2 Lane One-Way Service Roads each side

50	8D - 8 Lane Freeway (6 General Purpose Lanes, 2 Managed Lanes, and 27' Median with Jersey Barrier) with Paved Shoulders
51	8E - 8 Lane Freeway (4 General Purpose Lanes, 4 Managed Lanes, and 27' Median with Jersey Barrier) with Paved Shoulders
52	8F - 8 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
53	8G - 8 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
54	10A - 10 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders
55	10B - 10 Lane Freeway (8 General Purpose Lanes, 2 Managed Lanes, and 27' Median with Jersey Barrier) with Paved Shoulders
56	10C - 10 Lane Freeway (6 General Purpose Lanes, 4 Managed Lanes, and 27' Median with Jersey Barrier) with Paved Shoulders
57	12A - 12 Lane Freeway (8 General Purpose Lanes, 4 Managed Lanes, and 27' Median with Jersey Barrier) with Paved Shoulders

Domain: dHProjectFunctClass

Dataset(s): HighwayProjects, ShoulderWidthLookup

Definition: Highway Project Mode Functional Class

Code	**CodedValue**
1	Interstate
2	Other Principal Arterial-Other Freeway
3	Other Principal Arterial
4	Minor Arterial
5	Major Collector
6	Minor Collector
7	Local

Domain: dHProjectIntIntValues

Dataset(s): ExistingAndProjectIntInts

Definition:

Code	CodedValue
1	Diamond
2	Diamond with 1 loop (constrained)
3	Diamond with 2 loops (constrained)
4	Diamond with 1 loop (room for loop)
5	Diamond with 2 loops (room for 2 loops)
6	Tight Urban Diamond
7	Single Point Urban Interchange
8	Diverging Diamond
9	Modern Roundabout Interchange
10	Split Diamond
11	Half Clover
12	Trumpet
13	Cloverleaf with 2 Collector-Distributors
14	Cloverleaf with 4 Collector-Distributors
15	Directional – 1 – Flyover Ramp and 3 Loops
16	Directional – 1 – Flyover Ramp and 3 Loops with 1 Collector-Distributor
17	Directional – 1 – Flyover Ramp and 3 Loops with 2 Collector-Distributors
18	Directional – 2 Flyover Ramps and 2 Loops
19	Directional – 3 Flyover Ramps and 1 Loop
20	4 Flyover Ramps
21	Turbine
22	Quadrant with Grade Separation
23	Main Line over Cross Street
24	Main Line over Railroad
25	Cross Street over Main Line
26	Railroad over Mainline (1 Track)
27	Railroad over Mainline (2 Tracks)
28	Railroad over Mainline (3 Tracks)
29	Railroad over Mainline (4 Tracks)

30	Directional Cross-Over with 1-Lane Bulb Outs (Superstreet)
31	Directional Cross-Over 2-Lane Bulb Outs with Signals (Superstreet)
32	1 Lane Roundabout
33	2 Lane Roundabout
34	At-grade Quadrant (1 quadrant)
35	Add 1 Flyover (1 Lane)
36	Add 1 Flyover (1 Lane) and High-Speed Ramp
37	Add 1 turn lane
38	Add 2 turn lanes
39	Add 3 turn lanes
40	Add 4 turn lanes
41	Add 5 turn lanes
42	Add 6 turn lanes
43	Add 7 turn lanes
44	Add 8 turn lanes
45	Add 9 turn lanes
46	Add 10 turn lanes
47	Add 11 turn lanes
48	Add 12 turn lanes

Domain: dHProjectRoadwayLocationTypes

Dataset(s): HighwayProjects, Projects

Definition: Highway Mode Roadway Location types

Code	**CodedValue**
1	Existing
2	New
3	Parallel

Domain: dHRouteClasses

Dataset(s): ProjectRoutes

Definition:

Code	CodedValue
1	I
2	NC
3	SR
4	US

Domain: dHRouteSuffixes

Dataset(s): ProjectRoutes

Definition:

Code	CodedValue
1	ALT
2	BUS
3	BYP
4	TRUCK

Domain: dHSpecificImprovementTypes

Dataset(s): HighwayProjects

Definition: Highway Mode Specific Improvement Types

Code	CodedValue
1	1 - Widen Existing Roadway
2	2 - Upgrade Arterial to Freeway/Expressway
4	4 - Upgrade Arterial to Signalized RCI Corridor
3	3 - Upgrade Expressway to Freeway
5	5 - Construct Roadway on New Location
6	6 - Widen Existing Roadway and Construct Part on New Location
7	7 - Upgrade At-grade Intersection to Interchange or Grade Separation
8	8 - Improve Interchange

9	9 - Convert Grade Separation to Interchange
10	10 - Improve Intersection
11	11 - Access Management
12	12 - Ramp Metering
13	13 - Citywide Signal System
14	14 - Closed Loop Signal System
15	15 - Install Cameras and DMS
16	16 - Modernize Roadway
17	17 - Upgrade Freeway to Interstate Standards
18	18 - Widen Existing Local (Non-State) Roadway
19	19 - Improve Intersection on Local (Non-State) Roadway
20	20 - Convert Grade Separation to Interchange to Relieve Existing Congested Interchange
21	21 - Realign Multiple Intersections
22	22 - Construct Auxiliary Lanes or Other Operational Improvements
23	23 - Construct Grade Separation at Highway / Railroad Crossing
24	24 - Implement Road Diet to Improve Safety
25	25 - Improve Multiple Intersections along Corridor
26	26 - Upgrade Roadway

Domain: dHTerrainTypes

Dataset(s): HighwayProjects

Definition: Highway Mode Terrain Types

Code	**CodedValue**
1	Level
2	Rolling
3	Mountainous

Domain: dLockDowns

Dataset(s): LockDowns

Definition:

Code	CodedValue
1	Project Entry
2	Project Submittal
3	Regional Local Input Points
4	Divisional Local Input Points
5	Project Closure
6	SPOT Users Only
7	No SPOT Access

Domain: dModes

Dataset(s): AviationProjects, BikePedProjects, FerryProjects, HighwayProjects, NonGISMode_Projects, Projects, PublicTransitProjects, RailProjects, SpotUsers

Definition: Project Mode Type

Code	CodedValue
0	Unassigned
1	Highway
2	Bicycle & Pedestrian
3	Rail
4	Aviation
5	Ferry
6	Public Transit
7	All
8	NA

Domain: dPFacilityNewExp

Dataset(s): PublicTransitProjects

Definition: Public Transit Facility New or Expansion Designation

Code	CodedValue
1	New
2	Expansion

Domain: dPNeedCategory

Dataset(s): PublicTransitProjects

Definition: Public Transit Need Category

Code	CodedValue
1	Connectivity
2	Capacity/Congestion
3	Modal Interrelationships
4	Safety
5	Facility Deficiencies
6	Mobility
7	Other

Domain: dProjectStatus

Dataset(s): AviationProjects, BikePedProjects, FerryProjects, HighwayProjects, NonGISMode_Projects, Projects, PublicTransitProjects, RailProjects

Definition: Project status

Code	CodedValue
0	Draft
1	Submitted

Domain: dPSpecificImprovementTypes

Dataset(s): PublicTransitProjects

Definition: Public Transit Specific Improvement Type

Code	CodedValue
1	1 - Mobility (route-specific) - New Service
2	2 - Mobility (route-specific) - Headway Reduction
3	3 - Mobility (route-specific) - Extension
4	4 - Demand Response
5	5 - Facility - Passenger Station
6	6 - Facility - Stop/Shelter
7	7 - Facility - Park and Ride
8	8 - Facility - Administrative
9	9 - Facility - Maintenance

Domain: dPTransitSystemLegalName

Dataset(s): PublicTransitProjects

Definition: Public Transit Mode System Name

Code	CodedValue
1	Aging, Disability and Transit Services of Rockingham County
2	Alamance County Transportation Authority
3	Albemarle Regional Health Services
4	Alleghany County
5	Anson County
6	AppalCART
7	Ashe County Transportation Authority, Inc.
8	Avery County Transportation Authority
9	Beaufort County Developmental Center, Inc.
10	Bladen County
11	Brunswick Transit System, Inc.
12	Buncombe County
13	Cabarrus County
14	Cape Fear Public Transportation Authority
15	Capital Area Transit
16	Carteret County
17	Caswell County
18	Chapel Hill Transit
19	Charlotte Area Transit System
20	Chatham Transit Network
21	Cherokee County
22	Choanoke Public Transportation Authority
23	City of Asheville
24	City of Burlington
25	City of Gastonia
26	City of Greenville
27	City of Jacksonville
28	City of Rocky Mount

29	City of Salisbury
30	City of Wilson
31	Clay County
32	Columbus County
33	Concord-Kannapolis/RIDER
34	Craven County
35	Cumberland County
36	Dare County
37	Davidson County
38	Duplin County
39	Durham Area Transit
40	Durham County
41	Eastern Band of Cherokee Indians
42	Fayetteville Area System Transit
43	Gaston County
44	Gates County
45	Goldsboro-Wayne Transportation Authority
46	Graham County
47	Greene County
48	Guilford County
49	Greensboro Transit Authority
50	Harnett County
51	HiTran
52	Hoke County
53	Hyde County Non-Profit Private Transportation Corp. Inc.
54	Iredell County
55	Jackson County
56	Johnston County Council on Aging, Inc.
57	Kerr Area Transportation Authority
58	Lee County
59	Lenoir County
60	Lincoln County
61	Macon County
62	Madison County Transportation Authority
63	Martin County
64	McDowell County Transportation Planning Board, Inc.
65	Mecklenburg
66	Mitchell County Transportation Authority

67	Moore County
68	Mountain Projects, Inc.
69	NCSU Wolfline
70	Onslow United Transit System, Inc.
71	Orange County
72	Pender Adult Services, Inc.
73	Person County
74	Piedmont Authority for Regional Transportation
75	Pitt County
76	Polk County Transportation Authority
77	Randolph County Senior Adults Association, Inc.
78	Richmond Interagency Transportation, Inc.
79	Robeson County
80	Rowan County
81	Rutherford County
82	Sampson County
83	Scotland County
84	Stanly County
85	Swain County Focal Point on Aging, Inc.
86	Town of Cary
87	Transportation Administration of Cleveland County, Inc.
88	Transylvania County
89	Triangle Transit
90	Tyrrell County
91	Union County
92	Wake County
93	Washington County
94	Western Carolina Community Action, Inc-Apple Country
95	Western Piedmont Regional Transit Authority
96	Wilkes Transportation Authority
97	Wilson County
98	Winston Salem Transit Authority
99	Yadkin Valley Economic Development District, Inc.
100	Yancey County Transportation Authority

Domain: dPTypeOfProject

Dataset(s): PublicTransitProjects

Definition: Public Transit Mode Project Type

Code	CodedValue
1	Vehicle only
2	Bus Rapid Transit Service
3	Light Rail Service
4	Commuter Rail Service
5	BOSS (w/o vehicle)
6	Busway (w/o vehicle)
7	Bundle (vehicle + other)
8	Other

Domain: dPTypeOfVechicle

Dataset(s): PublicTransitProjects

Definition: Public Transit Mode Vehicle Type

Code	CodedValue
1	Light Rail Vehicle
2	Commuter Rail Vehicle
3	Street Car
4	Bus
5	Light Transit Vechicle
6	Van
7	Mini-Van
8	Other

Domain: dPubRouteClass

Dataset(s): NCRoutes

Definition: Route Class

Code	CodedValue
1	Interstate
2	US Route
3	NC Route
4	Secondary Route
5	Non-System
6	Other State Agency Route
7	Federal Route
9	Projected Route
89	Non-Mainline
80	Ramp
81	Rest Area

Domain: dPubRouteInventory
Dataset(s): NCRoutes

Definition: Route Inventory Designation

Code	CodedValue
0	Inventory
4	Non-Inventory (Southbound)
6	Non-Inventory (Westbound)
8	Inventory (Clockwise)
9	Non-Inventory (Counterclockwise)

Domain: dPubRouteQualifier
Dataset(s): NCRoutes

Definition: Route Qualifier Designation

Code	CodedValue
0	Normal Route
1	Alternate Route
2	Bypass Route
5	East Route
6	West Route
7	Connector Route
8	Truck Route
9	Business Route
80	Ramp
81	Rest Area
89	Non-Mainline

Domain: dPubSAPCountyID
Dataset(s): NCRoutes

Definition: SAP County Code

Code	CodedValue
001	Alamance
002	Alexander
003	Alleghany
004	Anson
005	Ashe
006	Avery
007	Beaufort
008	Bertie
009	Bladen
010	Brunswick
011	Buncombe
012	Burke
013	Cabarrus
014	Caldwell
015	Camden
016	Carteret
017	Caswell

018	Catawba
019	Chatham
020	Cherokee
021	Chowan
022	Clay
023	Cleveland
024	Columbus
025	Craven
026	Cumberland
027	Currituck
028	Dare
029	Davidson
030	Davie
031	Duplin
032	Durham
033	Edgecombe
034	Forsyth
035	Franklin
036	Gaston
037	Gates
038	Graham
039	Granville
040	Greene
041	Guilford
042	Halifax
043	Harnett
044	Haywood

045	Henderson
046	Hertford
047	Hoke
048	Hyde
049	Iredell
050	Jackson
051	Johnston
052	Jones
053	Lee
054	Lenoir
055	Lincoln
056	Macon
057	Madison
058	Martin
059	McDowell
060	Mecklenburg
061	Mitchell
062	Montgomery
063	Moore
064	Nash
065	New Hanover
066	Northampton
067	Onslow
068	Orange
069	Pamlico
070	Pasquotank
071	Pender

072	Perquimans
073	Person
074	Pitt
075	Polk
076	Randolph
077	Richmond
078	Robeson
079	Rockingham
080	Rowan
081	Rutherford
082	Sampson
083	Scotland
084	Stanly
085	Stokes
086	Surry
087	Swain
088	Transylvania
089	Tyrrell
090	Union
091	Vance
092	Wake
093	Warren
094	Washington
095	Watauga
096	Wayne
097	Wilkes
098	Wilson

099	Yadkin
100	Yancey

901	Georgia
902	South Carolina

903	Tennessee
904	Virginia

Domain: dRNeedCategory
Dataset(s): RailProjects

Definition: Rail Mode Need Category

Code	CodedValue
1	Connectivity
2	Capacity/Congestion
3	Modal Interrelationships
4	Safety
5	Facility Deficiencies
6	Mobility
7	Other

Domain: dRSpecificImprovementTypes

Dataset(s): RailProjects

Definition: Rail Mode Specific Improvement Types

Code	CodedValue
1	1 - Freight rail corridor improvement or construction (line)
2	2 - Freight rail facility improvement or construction (point)
3	3 - Highway-rail crossing improvement (point)
4	4 - Passenger rail station improvement or construction (point)
5	5 - Passenger rail service (line)
6	6 - Other passenger rail improvements (point)
7	7 – Corridor modernization (line)

Domain: dScoreStatus

Dataset(s): ProjectScoring

Definition:

Code	CodedValue
0	Complete
1	InProgress
2	CalcError
3	Actual

Domain: dScoreTypes

Dataset(s): ProjectScoring

Definition:

Code	CodedValue
0	Actual
1	Raw
2	Weighted

Domain: dSeverity

Dataset(s): ApplicationLog

Definition:

Code	CodedValue
1	Information
2	Error
3	Project Changes

Domain: dShapeType

Dataset(s): BikePedBufferLOI

Definition:

Code	CodedValue
1	Point
2	Line
3	Polygon

Domain: dSTINetwork

Dataset(s): AviationProjects, BikePedProjects, FerryProjects, HighwayProjects, NonGISMode_Projects, Projects, PublicTransitProjects, RailProjects

Definition: STI Network Category

Code	CodedValue
1	Statewide Mobility
2	Regional Impact
3	Division Needs

Domain: dTOCTypes

Dataset(s): ProjectTOC

Definition:

Code	CodedValue
0	ShapeFile
1	OnlineLayer
2	ApplicationLayer

Domain: dTypeOfUser

Dataset(s): AviationProjects, BikePedProjects, FerryProjects, HighwayProjects, NonGISMode_Projects, Projects, PublicTransitProjects, RailProjects, SpotUsers

Definition: Type of User in SPOT On!ine

Code	CodedValue
1	MPO
2	RPO
3	Division
4	Mode
5	Spot

Domain: dYesNo

Dataset(s): BikePedProjects, PublicTransitProjects

Definition:

Code	CodedValue
0	No
1	Yes

Domain: dYN
Dataset(s): AviationProjects, BikePedProjects, FerryProjects, HighwayProjects, NonGISMode_Projects, Projects, LockDowns, PendingChecks, ProjectTOC, PublicTransitProjects, RailProjects, SpotUsers, UpgradeRoadwayEligibleLookup

Definition:

Code	CodedValue
0	N
1	Y

Domain: LOI

Dataset(s): BikePedLOILine, BikePedLOIPoint, BikePedLOIPolygon

Definition:

Code	CodedValue
1	Goverment Building
3	Transit Route
4	School
5	University/College
6	Park
7	Medical Center
8	Tourist Destination
9	Place of Worship

Domain: STATUS

Dataset(s): CTP_Other_Roads , CTP_State_Maintained_Roads

Definition:

Code	Description
EXISTING	EXISTING
NEEDS IMPROVEMENT	NEEDS IMPROVEMENT
RECOMMENDED	RECOMMENDED
PROPOSED	PROPOSED

Domain: TYPE

Dataset(s): CTP_Other_Roads, CTP_State_Maintained_Roads

Definition: CTP Roadway Types

Code	CodedValue
BOULEVARD	BOULEVARD
EXPRESSWAY	EXPRESSWAY
FREEWAY	FREEWAY

MAJOR THOROUGHFARE	MAJOR THOROUGHFARE
MINOR THOROUGHFARE	MINOR THOROUGHFARE
INTERCHANGE	INTERCHANGE
GRADE SEPARATION	GRADE SEPARATION