

SMART SCALE Feature Descriptions and Example Text

Feature Name	Pop-Up Text	Placeholder Text
Add New Through Lane(s)	Check this box if project includes the construction of one or more through lanes - including shared through/turn lanes.	(Example: "Widen NB Main St from 2 lanes to 4 lanes for 2.3 miles from 1st Ave to 10th Ave.")
Widen Existing Lane(s) (No New Lanes)	Check this box if your project includes the widening of, but not the addition of, travel lanes on an existing roadway.	(Example: "Widen SB I-95 from 10 ft to 12 ft for 1.4 miles from MM 140 to MM 141.4.")
Managed Lane(s) (HOV/HOT/Shoulder)	Check this box if your project includes construction of new managed lanes, conversion of existing general purpose or shoulder lanes to managed lanes, or conversion of existing managed lanes to a different management type.	(Example: "Construct 4 miles of hard shoulder running on both directions of I-95 from MM 150 to MM 154.")
Shoulder Improvement(s)	Check this box if your project includes improvements to the shoulder(s) of an existing roadway.	(Example: "Widen shoulders on SB I-95 from 2 ft to 8 ft for 0.5 miles from MM 123.2 to MM 123.7.")
Construct or Improve Turn Lane(s)	Check this box if your project includes construction of a new turn lane or improvements to an existing turn lane.	(Example: "Construct 1 NB left turn lane with 50 ft storage and 50 ft taper at Main St/3rd Ave. Extend the existing EB right turn lane at Main St/3rd Ave.")
Access Management	Check this box if your project includes access management improvements (eg. closing or reducing movements in and out of driveways, eliminating traffic signals, realigning driveways to comply with access management standards, etc.)	(Example: "Close 3 driveways on EB Main St between 2nd Ave and 3rd Ave. Install 300 ft of raised median on Bank St from 2nd Ave to 3rd Ave.")
Roadway Reconfiguration	Check this box if your project includes the reallocation of existing right-of-way to change the roadway cross-section, such as removing through lanes to add a two-way left turn lane.	(Example: "Reduce Main St lane width from 14 ft to 12 ft for 2.3 miles from 1st St to 10th St. Reconfigure Bank Ave from 4 through lanes to 2 through lanes and add on-street parking on both sides for 200 ft from 4th Ave to 5th Ave.")
Roadway Reconstruction/Realignment	Check this box if your project includes the reconstruction or realignment of an existing roadway.	(Example: "Realign Poppy St 300 ft north and adjust curvature to be perpendicular to its intersection with Bank Ave.")
Roadway on New Alignment	Check this box if your project includes construction of a new roadway; this does not include realignment of an existing roadway.	(Example: "Construct a 3-mile, four lane divided roadway between Route 3 and Church Blvd with 4-ft shoulder on both sides and a posted speed of 35 mph.")
Intersection Improvement(s)	Check this box if your project includes geometric improvements to an existing intersection which do not fit into another feature.	(Example: "Extend the median nose on the east approach of Main St/3rd Ave to harden left turns.")
Innovative Intersection(s)	Check this box if your project includes a non-traditional intersection configuration such as CGT, DLT, RCUT, Roundabout, QR, MUT, etc. Visit the VDOT Innovative Intersections page for more information.	(Example: "Install a Median U-Turn on Route 50 at Main St. The primary intersection will be signalized and the northern and southern intersections will be unsignalized.")
New Intersection	Check this box if your project includes the construction of an entirely new intersection; this would not include converting a stop-controlled intersection to signalized operation or vice versa. This would include adding an additional leg to an existing intersection.	(Example: "Construct a new intersection at Main St and Bank Ave with stop controls on the Main St approaches.")
New Traffic Signal	Check this box if your project includes the installation of a new traffic signal.	(Example: "Install a new traffic signal at Main St and 1st Ave.")
Traffic Signal Modification	Check this box if your project includes modification to signal equipment, phasing, coordination, detection, etc.	(Example: "Modify the traffic signal at Main St and 1st Ave by removing split phasing and installing high visibility backplates.")
ITS Improvement(s) / Adaptive Signal Control	Check this box if your project includes installation of or improvements to an intelligent transportation system (ITS), ITS support facility, or Adaptive Signal Control System.	(Example: "Install adaptive signal control upgrades on traffic signals at 4 intersections: Main St/1st Ave, Main St/2nd Ave, Bank St/1st Ave, Bank St/2nd Ave.")

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Improve Rail Crossing	Check this box if your project includes improvements to an existing at-grade rail crossing, including removal.	(Example: "Remove the rail crossing on Route 10 between 11th Ave and Bank St.")
Ramp Improvement(s)	Check this box if your project includes improvements to an existing interchange ramp, such as widening, realignment, or terminus intersection control, but does NOT modify other portions of the interchange.	(Example: "Improve NB I-95/Route 10 off-ramp by extending the acceleration lane by 100 ft.")
Improve Grade Separated Interchange	Check this box if your project includes improvements to an existing grade-separated interchange	(Example: "Convert the I-95/Route 10 interchange from a 2-lane diamond to a 2-lane cloverleaf.")
Innovative Interchange	Check this box if your project includes improvements or conversion to a non-traditional interchange configuration such as a Diverging Diamond or Single-Point Urban Interchange. Visit the VDOT Innovative Intersections page for more information.	(Example: "Convert the I-95/Route 10 interchange from a traditional diamond to a Diverging Diamond Interchange (DDI) configuration.")
New Interchange, Non-Limited Access Facility	Check this box if your project includes the construction of a new grade-separated interchange on a non-limited access facility.	(Example: "Construct a new cloverleaf interchange at Route 10/Route 101.")
New Interchange, Limited Access Facility	Check this box if your project includes the construction of a new grade-separated interchange on a limited access facility.	(Example: "Construct a new 4-lane diamond interchange at I-95/US 250.")
Improve or Replace Existing Bridge(s)	Check this box if your project includes improvements to or replacement of an existing bridge structure.	(Example: "Widen the bridge on US 250 over Bank St to accommodate new capacity from 60 feet to 80 feet.")
New Bridge	Check this box if your project includes installation of a new bridge structure where none currently exists.	(Example: "Construct a new bridge 500 feet long and 60 feet wide on NB I-95 at US 250.")
Highway Other	Check this box if your project includes any other highway improvement not listed above.	(Example: "Install 2 miles of highway lighting along the outside travel lanes of US 250 from MM 75.2 to MM 77.2.")
Construct or Improve Bicycle Facility	Check this box if your project includes a new or improved bicycle facility including conventional, buffered, or separated bicycle lanes.	(Example: "Construct a 10-foot buffered bike lane on both directions of Main St for 1.2 miles from 1st Ave to 14th Ave.")
Construct Shared Use Path	Check this box if your project includes a new or improved shared-use path.	(Example: "Construct 1.2 miles of 14-ft shared-use path on EB US 250 from Route 10 to Route 101.")
Construct Sidewalk	Check this box if your project includes the construction of a new sidewalk.	(Example: "Construct 200 feet of 6-foot sidewalk on EB Route 10 from 1st Ave to 5th Ave.")
Construct or Improve At-Grade Bike/Pedestrian Crossing	Check this box if your project includes improvements to a bike and/or pedestrian crossing at an existing at-grade intersection.	(Example: "Install high-visibility crosswalks with ADA ramps and pedestrian signals on all approaches of Main St/1st Ave.")
Construct or Improve Grade-Separated Bike/Pedestrian Crossing	Check this box if your project includes improvements to a bike and/or pedestrian crossing at an existing grade-separated interchange.	(Example: "Construct a grade-separated pedestrian crossing over US 250 300 feet south of US 250/Main St.")
Bike/Pedestrian Other	Check this box if your project includes any other bike and/or pedestrian improvement(s) not listed above.	(Example: "Install pedestrian-scale lighting along the full length of the proposed shared-use path.")
New High-Capacity or Fixed-Guideway Route/Service	Check this box if your project includes the creation of a new high-capacity or fixed-guideway bus transit route.	(Example: "Purchase 6 level-board Bus Rapid Transit vehicles to establish a new rapid transit line on Main St from 1st Ave to 25th Ave.")
Increase Existing High-Capacity or Fixed-Guideway Route/Service	Check this box if your project includes the expansion of an existing high-capacity or fixed-guideway bus transit route, either by extending the route service extents or by increasing service frequency.	(Example: "Purchase 1 new light-rail vehicle to increase frequency of Green Line service from 20 minutes to 15 minutes.")
Construct or Convert Existing General Purpose or Parking Lane to bus-only Lane	Check this box if your project includes constructing a new dedicated bus-only lane or converting an existing travel or parking lane to a bus-only lane.	(Example: "Construct 3 miles of separated median-running bus lanes on US 250 from Route 10 to Route 101.")

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Construct or Improve Bus Stop/Shelter	Check this box if your project includes the construction of a new bus stop, or construction of a shelter or improvements at an existing stop.	(Example: "Install shelters, trash cans, and bike racks at 4 bus stops along EB Main St between 1st Ave and 4th Ave.")
Construct/Expand Bus Facility	Check this box if your project includes the construction of a new, or expansion of an existing, bus facility (i.e. maintenance garage, transfer center, etc).	(Example: "Construct a new downtown transfer center on Water St between 2nd Ave and 3rd Ave with 6 bays.")
Other Transit Technology Improvements	Check this box if your project includes any other bus transit improvement(s) not listed above.	(Example: "Install real-time arrival information screens on 10 existing buses.")
Rail Service Improvements	Check this box if your project includes new service or expansion of existing service by increase in train capacity or service frequency.	(Example: "Construct 30 miles of new track between Middletown and Centerville to provide 2-track service.")
New Station or Station Improvements	Check this box if your project includes construction of a new train station along an existing line or improvements/expansion of an existing station.	(Example: "Construct a new entrance to the Uptown Metro Station on the SW corner of Main St/2nd Ave.")
Rail Transit Other	Check this box if your project includes any other rail transit improvement(s) not listed above, including facilities, technology, etc.	(Example: "Expand Northern Yard storage capacity for 10 new cars.")
Intercity Passenger Rail Service Improvements	Check this box if your project includes new service or expansion of existing service by increase in train capacity or service frequency.	(Example: "Purchase 3 new train cars to increase service capacity.")
New Intercity Passenger Rail Station or Station Improvements	Check this box if your project includes construction of a new Intercity Rail station along an existing line or improvements/expansion of an existing station.	(Example: "Extend the existing station platform at Downtown Station to accommodate eight-car trains.")
Freight Rail Improvements	Check this box if your project contains improvements to freight rail service or lines.	(Example: "Construct 1 mile of track to create an additional bypass on the east side of the Northern Yard.")
New Park and Ride Lot	Check this box if your project includes the construction of a new park and ride lot.	(Example: "Construct a new park and ride lot with an entrance on Main St 300 ft south of 1st Ave. The new lot will have 40 general spaces, 20 bicycle spaces, and a bus loop.")
Improve Park and Ride Lot	Check this box if your project includes improvements to or expansion of an existing park and ride lot.	(Example: "Expand the Gaskins Road Park and Ride Lot by 50 spaces and install 2 bike racks.")
New/Expanded Vanpool or On-Demand Transit Service	Check this box if your project includes new or expanded vanpool services or on-demand transit service.	(Example: "Purchase 2 small buses to expand on-demand service in the East Side region.")
TDM Other	Check this box if your project includes any other travel demand management (TDM) improvement(s) not listed above.	(Example: "Install real-time parking availability systems in the North Middletown Park-and-Ride garage.")
Right-of-Way/Easements acquisition required	Check this box if your project requires easements or right-of-way acquisition of any kind.	(Example: "This project will require acquisition of 3 parcels along the north side of Main St.")
Includes Utility Relocations	Check this box if your project requires relocation of any existing utilities.	(Example: "Shift 300 ft of power lines on EB Main St to be located 10 ft further north.")
Includes In-plan Utility Betterment	Check this box if your project includes in-plan utility betterments; you will need to indicate a description and dollar amount in the Delivery/Funding section of this application.	(Example: "Bury 300 ft of power lines on EB Main St from 1st Ave to 3rd Ave.")