

WORK CLASS

P	Planning (HPR/PR)	1	Preliminary Engineering
R	Research (HPR/PR)	2	Right of Way
T	Transit Related or Training	3	Construction

2/ ROADWAY AND SURFACE WORK TYPES

A000	Primitive	G000	Mixed Bituminous
B000	Unimproved Penetration	H000	Bituminous
C000	Graded and Drained Earth	I000	Bituminous Concrete
D000	Soil Surface	J000	Portland Cement Conc.
E000	Gravel or Stone	K000	All others
F000	Bituminous Surface Treatment		

Notes: All bituminous Surface Types to be Asphalt in Virginia

2/ BRIDGE WORK TYPE

- X_ _ _ The first digit (code X) indicates bridge class
The second digit indicates nature of structure
- XO_ _ Highway over waterway
 - X1_ _ Highway over railroad
 - X2_ _ Highway project over highway
 - X3_ _ Highway over waterway and railroad
 - X4_ _ Highway over waterway and highway
 - X5_ _ Highway project over railroad and highway
 - X6_ _ Highway under railroad
 - X7_ _ Highway project under highway
 - X8_ _ Highway project under railroad and highway
 - X9_ _ Other combination, including Highway over waterway, RR and highway also 3- and 4- level grade separations and miscellaneous.

The third digit identifies the material of principal supporting members of the span.

- X_0_ Timber
- X_1_ Masonry
- X_2_ Concrete, not prestressed
- X_3_ Steel
- X_4_ Steel and concrete
- X_5_ Timber and steel
- X_6_ Timber and concrete
- X_7_ Composite steel and concrete
- X_8_ Concrete, prestressed
- X_9_ Aluminum

The fourth digit identifies type of span (identifies main span type if bridge comprises 2 or more span types)

- X_ _0 Slab
- X_ _1 Girder
- X_ _2 Truss (except cantilever)
- X_ _3 Rigid frame
- X_ _4 Arch
- X_ _5 Cantilever truss
- X_ _6 Movable
- X_ _7 Suspension
- X_ _8 Box Culvert (bridge length) (any type Box or Pipe Culvert)
- X999 Highway tunnel

2/ Roadway and surface type and bridge types:
First digit is alpha, remaining digits are numeric

SUPERVISING AGENCY

- S – State
- D – FHWA Direct Federal Construction

1/ MISCELLANEOUS WORK TYPE CODES

- Y000 Miscellaneous (must have approval from FHWA, Washington Office)
- Y002 Traffic Signs
- Y003 Landscaping (planting and related work)
- Y004 All clearing (includes acquisition or removal of advertising signs, acquisition of property rights-junk yards, removal or relocation)
- Y005 Planting of Wildflowers
- Y007 Minor structure, (storm sewers, culverts, snowshed, etc.)
- Y008 Channelization of traffic
- Y009 Slope stabilization/slide protection
- Y010 Coal Ash
- Y021 Safety rest areas and scenic overlooks
- Y022 Comfort and convenience facilities
- Y023 Screening unsightly areas
- Y024 Recreational facility
- Y025 Fringe parking
- Y026 Carpool facility (HOV)
- Y028 Vanpool acquisition
- Y030 Highway lighting
- Y031 Traffic signals
- Y032 Freeway traffic surveillance and control systems
- Y033 Computerized traffic signal system
- Y034 Motorist and system
- Y035 Highway information
- Y036 Computerized matching program
- Y041 Special relocations (rivers, channels, etc.)
- Y050 Frontage road
- Y051 Independent Pedestrian Walkways
- Y052 Independent Bicycle Facilities
- Y060 Utility adjustment
- Y070 Archeological salvage
- Y071 Paleontological salvage
- Y072 Historical, archeological or scientific site
- Y080 Training (construction contracts)
- Y081 Training (NHI)
- Y102 Fencing
- Y108 Transit passenger facilities
- Y109 Truck loading facility
- Y110 MCSAP (Development Code)
- Y111 MCSAP (Enforcement Program)
- Y112 CDL (Developmental)
- Y113 CDL (Testing operators)
- Y200 Bus purchases
- Y205 Purchase of rolling stock (fixed rail)
- Y210 Administrative expenses
- Y215 Operating expenses (net)
- Y219 Ferry boats
- Y220 Noise abatement
- Y222 Truck scales, fixed
- Y223 Truck scales, portable
- Y224 Auto restricted zone
- Y225 Terminal and transfer facilities
- CENG Construction Engineering
- GMKR Geodetic markers
- INSP Bridge inventory, inspection and classification and other special bridge projects
- MAIN Maintenance
- PCON Post construction
- PENG Preliminary engineering
- PE-1 Route planning, location studies (Appalachian funds only)
- PE-2 Engineering design and construction plans (Appalachian)
- PLAN Planning (HPR, PR and PL funds)
- RESH Research (HPR, PR, and PL funds)
- ROWA Right-of-Way
- R/W/S Acquisition of scenic strips outside of ROW
- RW/O Replacement Housing Payments – Owners
- RW/T Replacement Housing Payments – Tenants
- R-MP Residential Moving Payments
- RW/B Business and Farm Payments
- R-SC Relocation Services Costs
- SFTY Safety Related Work
- UPLN Urbanized Planning
- YHOV HOV Facility

1/ Y – Miscellaneous types first digit alpha. remaining digits numeric:
Beginning with “CENG” the “O” s are alpha

FIGURE 2E-12 CONSTRUCTION TYPE CODE FOR HIGHWAY IMPROVEMENTS LINE ITEM CODES*

* Rev. 7/16