

"Exceptions, feet (meters) - Listing of exception lengths where applicable "Length, feet (meters), miles (kilometers)" - Listing of lengths of various roadway sections - to be shown to the nearest hundredth of a foot (meter) and nearest thousandth of a mile (kilometer); "Length Including Bridges", "Length Excluding Bridges", listing of bridge lengths based on the same line as the roadway lengths and affecting the roadway lengths; "Length Including Box Culverts", "Length Excluding Box Culverts", listing of box culvert lengths based on the same line as the roadway lengths and affecting the roadway lengths. (Only where traffic is placed directly on the top slab of the box culvert). All "B" and "D" projects are to be shown in the length tabulation block, but are to be included in the headings of the length columns only where they affect the roadway project length.

"Type Project" - Listing of project types such as: "Preliminary Engineering.", "Right of Way", "Grading", "Paving", "Construction", "Bridge", etc.

"Description" - Listing of various section descriptions. See example:

STATE PROJECT NO.	SECTION	FEDERAL AD PROJECT NO.	TYPE CODE	PPMS NO.	EQUALITIES		LENGTH INCLUDING BRIDGES		LENGTH INCLUDING BRIDGES		TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES	FEET	MILES		
0668-071-202	C-502	RS-425 ( )	F000	559	205.59	18,793.06	3.559	18,461.88	3.496	CONSTR.	From: 0155 MI. E. Rte. 640	
											To: 0138 MI. W. Rte. 807	
	B-601	RS-425 ( )	X020	425	3.311	0.063					Bridge Carrying Rte. 668 over Peachtree Creek	

The following codes will be used for all drainage structures measuring over 20 feet (6 m) along the roadway centerline between the inner faces of the outer walls (as defined by 23 CFR 650 © National Bridge Standards, Section 650.301, Application of Standards). Such structures are classed as major structures and are to be set up as separate projects with separate lengths. Multiple lines of two or more pipes measuring over 20 feet (6 m) along the roadway centerline will be considered a "major structure" where the clear distance measured along the roadway centerline between openings is less than half of the smaller contiguous opening. The Structure & Bridge Division should be consulted in instances where the application of this guideline requires interpretation. The stations and length used on the plans for culverts measuring over 20 feet (6 m)\* shall be based on the distance between the back of the outside walls, not on the distance between the faces of same. Separate quantities are to be shown on the plans and estimates for these structures. In cases where the roadway and surfacing is carried over but is not a part of the structure, the roadway and surfacing quantities are not separated on the plans and estimates, but are included in the roadway project.

If no work is proposed on an existing major structure, it should not be set up as a separate project, but shown as an exception to the roadway project. Minor structures of less than 20 feet (6 m), however, should never be shown as exceptions.

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\* Rev. 1/09

"B" PREFIX

Special Design Bridges  
 Standard Slab Span Bridges  
 Special Design Box Culverts  
 Special Design Rigid Frames  
 Special Design Arches

"D" PREFIX

Standard Box Culverts  
 Multiple Line Pipe Culverts

The identification numbers are to be requested using Form LD-219 and will be assigned initially in sequence, without regard to the prefix "B" or "D"; i.e. B-601, B-602, D-603, D-604, B-605, etc. Construction Type Codes for roadway and surface type, bridge type (includes culverts - any type box or culvert), and miscellaneous type construction are required for each construction section on all projects, e.g., C-501, B-601, D-602, C-502, L-801, S-901, etc. The Type Codes, as noted in Figure 2E-14, are required on the plans and are to be shown on the title sheet in the project length tabulation block adjacent to the Federal-Aid Project number block (regardless of whether the project is federally funded) for the applicable Section Number.

No Plan and Minimum Plan project Type Codes are to be shown on the title or cover sheet and are to be handled in variations of the above procedure, as required. This is also to apply to project plans, such as Landscape, Signs, etc., prepared by other divisions, that do not require road plans.

The Bridge Type Code is noted on the bridge plan cover sheet in the upper right hand border beside the project block and also on their final review transmittal Form B-45A or B-45B adjacent to the copy transmittal listing to the FHWA as - Bridge Type Code: X.

The Type Code is also to be shown in the Engineering Estimate.

**FUNCTIONAL CLASSIFICATION - TRAFFIC DATA**

A block is to be shown in the upper right corner below the project number block listing the class or type of road, whether divided or undivided roadways and type of terrain (level, rolling, or mountainous). See [IIM LD-110](#) for further instructions. Traffic data is listed below this information, in the same block, as furnished to this Division by the Traffic Engineering Division on Form No. TS-25, or from the Transportation Planning Division on Form No. TPD-1A. Exceptions to design speed are to be noted as shown in Section [2D-8 DESIGN EXCEPTIONS](#).

**NOTES**

Notes are to be shown in the lower left corner of each title sheet furnishing curve superelevation data, specifications and standards data, and the "design features" note as shown in [Figure 2E-11 thru 13](#).\*

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\* Rev. 7/06

A note is to be shown directly above the length tabulation block detailing the method used in computing project lengths, such as:

"Note: Lengths are based on Route 00 Survey baseline between Sta. 00+00.00 and Sta. 10+00.00 and on Off. Rev. baseline between Sta. 10+00.00 and Sta. 20+00.00."

A note is to be shown in a conspicuous location, within the county and/or municipality boundaries, showing the name of the county and/or municipality, population, and census year.

### **Project Location Map (Secondary Projects)**

On Secondary Projects the project location map is to be shown in the upper right corner and is to show sufficient surrounding area to provide obvious location of the proposed project. (See Figure 2E-16)

### **PROJECT SECTION NUMBERS**

Project section numbers (PE, RW and C or M) are to be shown as follows; Preliminary Engineering (PE-) number will to be shown only on the title sheet (for example see sheet 2E-49) and the first and last plan and profile sheets identifying the project termini's (for example see sheet 2D-24).

Right of Way numbers (RW-) are to be shown in the upper right hand corner on all plans, profiles, detail sheets (pertaining to R/W only)\* and cross sections.

Construction or Minimum Plan numbers (C- or M-) are to be shown in the upper right hand corner on all plans, profiles, detail sheets and cross sections.

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\* Rev. 1/09