



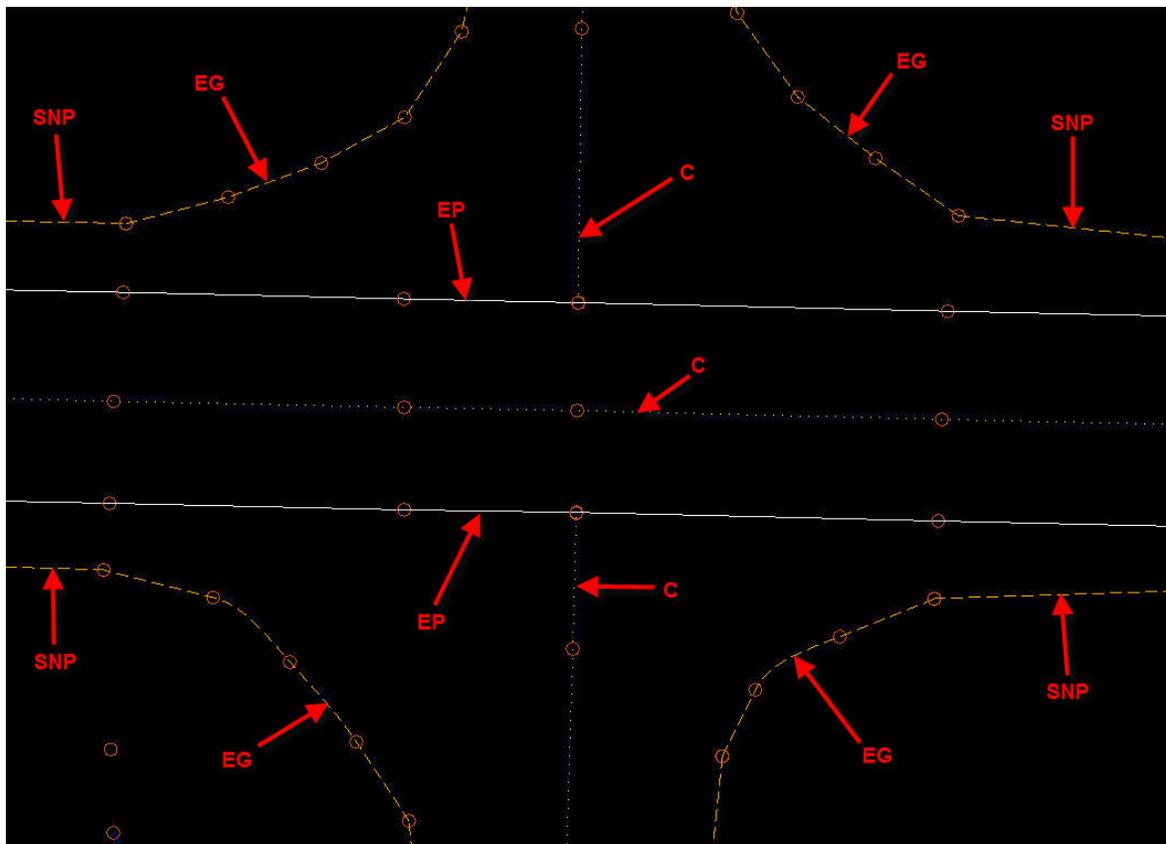
Feature Codes for Entrance and Intersection Survey

Design Manual
Chapter 40
Design Survey
Specifications

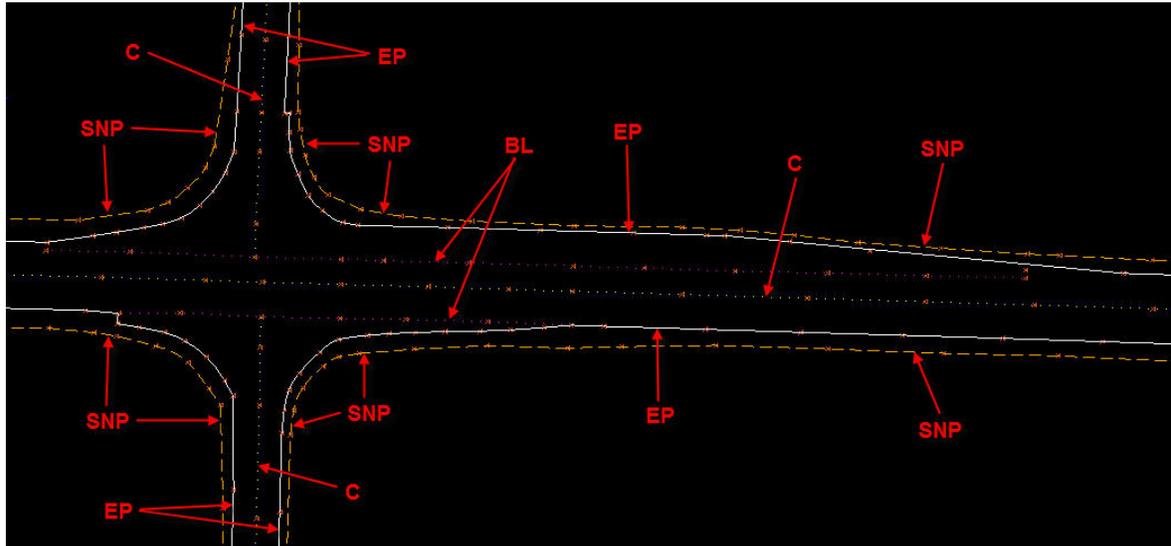
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The following examples show the basic feature codes needed when surveying these rudimentary intersection and entrance types. The actual feature codes to be collected may change due to partial Digital Terrain Model (DTM) or full field surveys, aerial photo coverage, scope of the project and different edge conditions. More detailed information on feature codes may be found in Chapter 40 of the Design Manual.

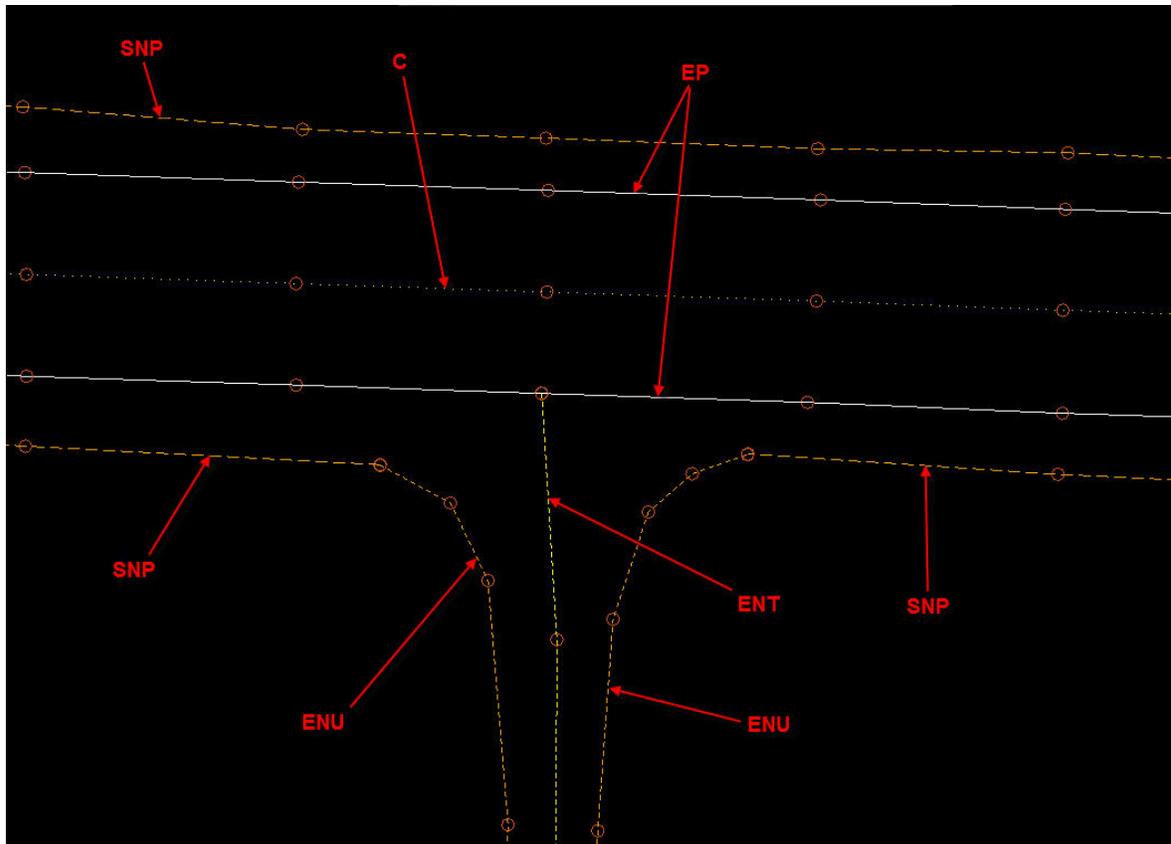
On a typical intersection with a gravel road the Edge of Gravel Road (EG) feature code should begin at the start of the sideroad return on the shoulder. The Shoulder Unpaved (SNP) feature code should stop at the returns. The Centerline of Road (C) feature code for the sideroad should stop at the Edge of Paved Road (EP) feature code. If there is a noticeable break where the mainline shoulder passes through the sideroad, a Breakline (BL) feature code may be added.



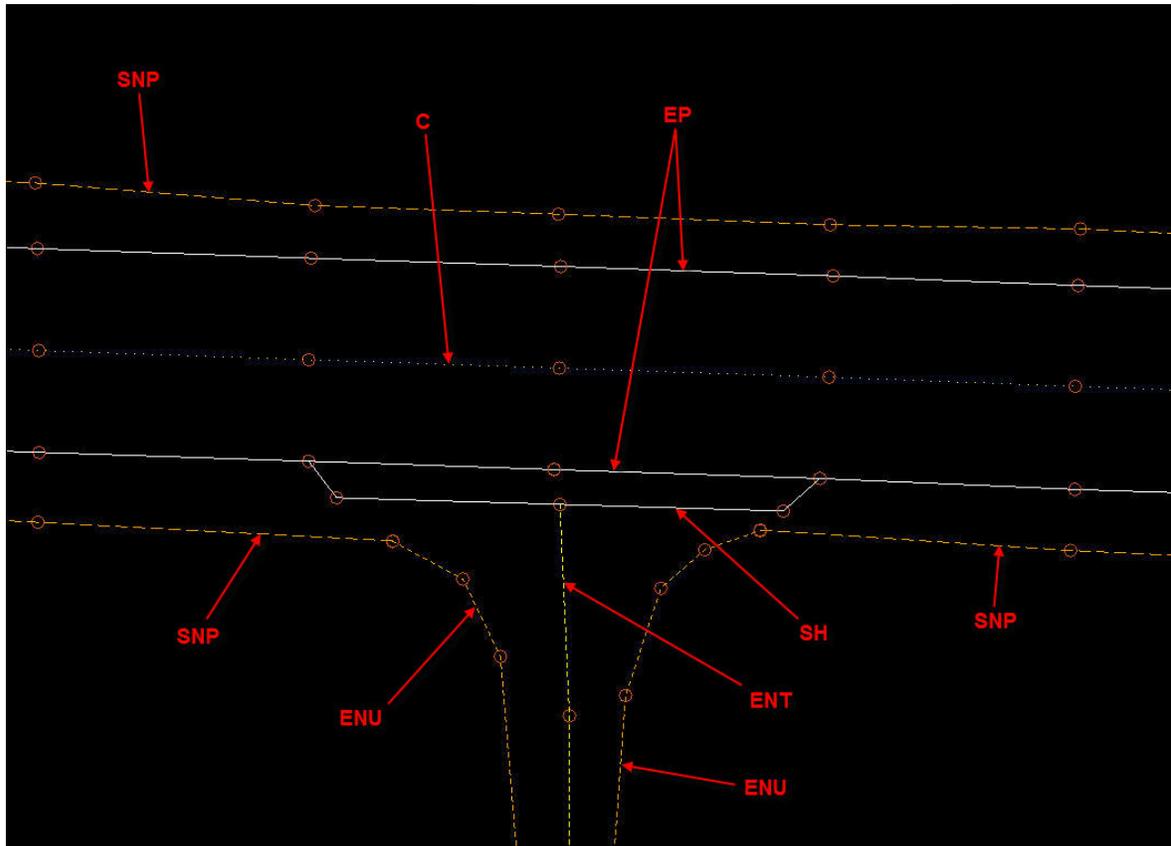
On a paved intersection with a turn lane, the BL feature code should be used between the travel and turn lanes. The C feature code should stop at the BL feature. If there is a noticeable break where the mainline and sideroad meet, a BL feature code may be added.



The Entrance Unpaved feature code (ENU) should begin at the return for the entrance at the shoulder. The SNP feature should stop at the return. A survey chain with the Entrance (ENT) feature code should be shot down the centerline of all entrances. The ENT chain should stop at the EP. If there is a noticeable break where the mainline shoulder passes thru the entrance, a BL feature code may be added.



An unpaved entrance with a fillet should have the fillet outlined with the Paved Shoulder (SH) feature code. The ENT line will stop at the SH feature. The rest of the entrance will be collected the same as any other unpaved entrance. If there is a noticeable break where the mainline shoulder passes through the entrance, a BL feature code may be added.



A paved entrance should be shot with the Entrance Paved (ENP) feature code. The entrance lines of a paved entrance will tie to the EP feature. The ENT feature will also end at the EP feature. The SNP features will stop at each side of the ENP.

Chronology of Changes to Design Manual Section:

040B-011 Feature Codes for Entrance and Intersection Survey

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New