

**BEL\_CL Attribute Table Structure for Centerline Shapefile**  
**Belmont County GIS, Belmont County, Ohio**  
**March 12, 2014**

Structure for table D:\GIS\_DATA\CENTERLINES\BELTR\_2011\bel\_cl.dbf  
Table type DBASE  
Version 4  
Number of rows 27974  
Last update 03/12/2014

---

Field	Field Name	Type	Length	Dec	Index
1	ID	NUMERIC	6		N
2	SEG_ID	NUMERIC	19		N
3	STR_PRE	CHARACTER	4		N
4	STR_NAME	CHARACTER	30		N
5	STR_TYPE	CHARACTER	4		N
6	STR_SUFFIX	CHARACTER	2		N
7	L_ADD_FROM	CHARACTER	5		N
8	L_ADD_TO	CHARACTER	5		N
9	R_ADD_FROM	CHARACTER	5		N
10	R_ADD_TO	CHARACTER	5		N
*	11 L_TWP	CHARACTER	18		N
*	12 R_TWP	CHARACTER	18		N
*	13 L_CITY	CHARACTER	30		N
*	14 R_CITY	CHARACTER	30		N
*	15 L_COUNTY	CHARACTER	3		N
*	16 R_COUNTY	CHARACTER	3		N
*	17 L_STATE	CHARACTER	2		N
*	18 R_STATE	CHARACTER	2		N
*	19 L_ZIP	CHARACTER	5		N
*	20 R_ZIP	CHARACTER	5		N
*	21 L_FIPS	CHARACTER	5		N
*	22 R_FIPS	CHARACTER	5		N
*	23 RD_NUM	CHARACTER	5		N
	24 JURISDIC	CHARACTER	1		N
*	25 CARDINAL	CHARACTER	1		N
	26 NLFID	CHARACTER	14		N
*	27 BEG_LOG	NUMERIC	10	3	N
*	28 END_LOG	NUMERIC	10	3	N
*	29 LENGTH3D	NUMERIC	10	3	N
*	30 STYPE	CHARACTER	2		N
*	31 DIR_TRAV	CHARACTER	1		N
*	32 LANES	CHARACTER	2		N
*	33 REV_DIR	CHARACTER	4		N
*	34 DIV	CHARACTER	1		N
*	35 SPEED	CHARACTER	2		N
	36 LENGTH	NUMERIC	12	5	N

37	CITY_NAME	CHARACTER	17		N
38	COUNTY_COD	CHARACTER	3		N
39	ENG_RDNAME	CHARACTER	23		N
40	ENG_ROADNO	CHARACTER	23		N
41	LEFT_ZONE	CHARACTER	11		N
42	RIGHT_ZONE	CHARACTER	11		N
43	SEQ_NO	NUMERIC	4		N
44	TWP_C	CHARACTER	2		N
45	TWP_CODE	CHARACTER	3		N
46	TWP_N	CHARACTER	13		N
47	COMMUNITY	CHARACTER	16		N
48	ROADNO	CHARACTER	10		N
49	POLSUB	CHARACTER	22		N
50	ODDSIDE	CHARACTER	1		N
51	HNCARD	NUMERIC	2		N
52	CAB	CHARACTER	4		N
53	SL	CHARACTER	4		N
54	SUBDIV	CHARACTER	30		N
55	PPRE_DIR	CHARACTER	10		N
56	PST_NAME	CHARACTER	25		N
57	PST_TYPE	CHARACTER	10		N
58	PSUF_DIR	CHARACTER	10		N
59	RD_ID	CHARACTER	60		N
60	X1	NUMERIC	13	3	N
61	Y1	NUMERIC	13	3	N
62	X2	NUMERIC	13	3	N
63	Y2	NUMERIC	13	3	N
64	NLF_ID	CHARACTER	18		N
65	RTE_CD	CHARACTER	2		N

-----  
 \*\* Total \*\*

673

\*indicates fields are included for compatibility with the State's LBRS data structure, but are not maintained by the county. LBRS, and hence LBRS specs, did not exist when the county began countywide digital mapping in 2001. The County entered into an MOA in December 2010, but State did not follow through with funding, so the County terminated the agreement nearly two years later in October 2012.

**Field 1 ID**

This 6-digit numeric field, generated by ArcGIS, is ignored and contains all zeros.

**Field 2 SEG\_ID**

This 19-digit numeric field contains a unique number for each segment in the centerline file. As new centerline segments are created or existing centerline segments are split, their SEG\_IDs are incremented to prevent duplicates.

Field 3 STR\_PRE

This 4 character field contains the prefix direction, if any, such as N, E, S, W.

Field 4 STR\_NAME

This 30 character field contains the street name in all caps.

Field 5 STR\_TYPE

This 4 character field contains the street type, such as ALY, AV, BLVD, CIR, CT, DR, EXT, HTS, HWY, KNL, LN, MEA, PKE, PKWY, PL, RD, ROW, ST, TER, TRL, or WAY.

Field 6 STR\_SUFFIX

This 2 character field contains suffix directional values, if any, such as N, S, E, W. Multi-lane roads such as Interstates may show an indicated direction such as NB, SB, EB, WB. Some extensions have a value of EX.

Field 7 L\_ADD\_FROM

The 5 character field containing the values of the left, from street address range.

Field 8 L\_ADD\_TO

The 5 character field containing the values of the left, to street address range.

Field 9 R\_ADD\_FROM

The 5 character field containing the values of the right, from street address range.

Field 10 L\_ADD\_TO

The 5 character field containing the values of the right, to street address range.

Field 11 L\_TWP

The 18 character field for the township on the left side of the centerline segment. Township names are completely spelled out. Included for LBRS compatibility, and not used locally. See Fields 44-47.

Field 12 R\_TWP

The 18 character field for the township on the right side of the centerline segment. Township names are completely spelled out. Included for LBRS compatibility, and not used locally. See Fields 44-47.

Field 13 L\_CITY

The 30 character field for the city name on the left side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 14 R\_CITY

The 30 character field for the city name on the right side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 15 L\_COUNTY

The 3 character field for ODOT's county code on the left side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 16 R\_COUNTY

The 3 character field for ODOT's county code on the right side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 17 L\_STATE

The 2 character field for the state abbreviation on the left side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 18 R\_STATE

The 2 character field for the state abbreviation on the right side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 19 L\_ZIP

The 5 character field for the zip code on the left side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 20 R\_ZIP

The 5 character field for the zip code on the right side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 21 L\_FIPS

The 5 character field for the FIPS code on the left side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 22 R\_FIPS

The 5 character field for the FIPS code on the right side of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 23 RD\_NUM

The 5 character field for the RD\_NUM of the centerline segment. Included for LBRS compatibility, and not used locally.

Field 24 JURISDIC

A one character field used to specify the jurisdiction for the centerline segment. Values are S, C, T, M, P and blank for State, County, Township, Municipal, Private and other, respectively.

Field 25 CARDINAL

A one character field used to specify the cardinality of the centerline segment. Included for LBRS compatibility, and not used locally. See Field 51 HNCARD.

Field 26 NLFID

A 14 character field for ODOT's NLFID values. Populated where possible from ODOT's 200n GIS Data CD.

Field 27 BEG\_LOG

A 10.3 numeric for ODOT's BEG\_LOG road mile. Not populated. Included for LBRS compatibility.

Field 28 END\_LOG

A 10.3 numeric for ODOT's END\_LOG road mile. Not populated. Included for LBRS compatibility.

Field 29 LENGTH3D

A 10.3 numeric for 3-D length of the centerline segment. Not populated. Included for LBRS compatibility. 3-D lengths of street segments have not been determined.

Field 30 STYPE

A 2 character field for surface type. Included for LBRS compatibility, and not used locally.

Field 31 DIR\_TRAV

A one character field for direction of travel. Included for LBRS compatibility, and not used locally.

Field 32 LANES

A 2 character field for total number of through lanes per road segment. Included for LBRS compatibility, and not used locally.

Field 33 REV\_DIR

A 4 character field indicating if direction of ascending logpoints does not follow direction of geometry. Included for LBRS compatibility, and not used locally.

Field 34 DIV

A one character Y/N field indicating dual of single carriageway. Included for LBRS compatibility, and not used locally.

Field 35 SPEED

A 2 character field indicating posted speed limit in MPH. Included for LBRS compatibility, and not used locally.

Field 36 LENGTH

A 12.5 numeric field containing the State Plane length of each segment in feet as calculated by ArcGIS's Field calculator.

Field 37 CITY\_NAME

A 17 uppercase character field containing the name of the city or village in which the segment is located. Values include BARNESVILLE, BELLAIRE, BELMONT, BETHESDA, BRIDGEPORT, BROOKSIDE, FIARVIEW, FLUSHING, HOLLOWAY, MARTINS FERRY, MORRISTOWN, POWHATAN POINT, SHADYSIDE, SAINT CLAIRSVILLE, WILSON and YORKVILLE.

Field 38 COUNTY\_COD

The 3 character ODOT county code. BEL for Belmont County.

Field 39 ENG\_RDNAME

A 23 character field for the county road name as used by the County Engineer. Sometimes this differs from road names used by E-911.

Field 40 ENG\_ROADNO

A field for the road identifier in the County Engineer's road database, consisting of a 4 character value of the road number and the segment, if applicable, such as 1, 2, 3, A, B. Example: 0002; 00043; 0044; 0040A.

Field 41 LEFT\_ZONE

An 11 character field containing the township name on the left side of the centerline segment. Values include COLERAIN, FLUSHING, GOSHEN, KIRKWOOD, MEAD, PEASE, PULTNEY, RICHLAND, SMITH, SOMERSET, UNION, WARREN, WASHINGTON, WAYNE, WHEELING, YORK, AND OUT OF COUN for segments outside the county border.

Field 42 RIGHT\_ZONE

An 11 character field containing the township name on the right side of the centerline segment. Values include COLERAIN, FLUSHING, GOSHEN, KIRKWOOD, MEAD, PEASE, PULTNEY, RICHLAND, SMITH, SOMERSET, UNION, WARREN, WASHINGTON, WAYNE, WHEELING, YORK, AND OUT OF COUN for segments outside the county border.

Field 43 SEQ\_NO

A 4 digit integer specifying the sequence number of the specified road or street in direction of travel. Necessary for creating routes for linear referencing.

Field 44 TWP\_C

A 2 character field specifying the number the Township in which the segment is located. Values are 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15 and 16, corresponding to an alpha list of the 16 township names.

Field 45 TWP\_CODE

The left 3 characters of the Township name in which the segment is located.

#### Field 46 TWP\_N

A 13 character field containing the name of the township in which the segment is located. Values include COLERAIN, FLUSHING, GOSHEN, KIRKWOOD, MEAD, PEASE, PULTNEY, RICHLAND, SMITH, SOMERSET, UNION, WARREN, WASHINGTON, WAYNE, WHEELING, YORK, AND OUT OF COUNTY for segments outside the county border.

#### Field 47 COMMUNITY

A 16 character field for the community in which the segment is located. This very important field is used to distinguish between roads and streets of the same name, but in different communities across the county. For example, there are 30 Main Streets in the county, but each is in a different community. This field includes incorporated and unincorporated community names, and township names.

#### Field 48 ROADNO

A 10 character field containing the road number of the segment as specified by E-911. Custom is to combine the one-character jurisdiction with the road number, excluding leading zeros. Examples: C5; T98; S7; C40B.

#### Field 49 POLSUB

A 22 character field for the political subdivision in which the segment is located. This includes municipal names, township names suffixed with "TOWNSHIP", and bordering county names for segments outside the county.

#### Field 50 ODDSIDE

A one character field containing either "L or "R" designating the left or right side of the segment as the odd side for house numbers.

#### Field 51 HNCARD

A numeric field containing a 1 if the segment's direction of travel equals the direction of ascending house numbers, or a -1 if the direction of travel is opposite the direction of ascending house numbers.

#### Field 52 CAB

A 4 character field for the Cabinet containing the recorded plat for the road, if one exists. Values are currently A, B, C, D, E and F.

#### Field 53 SL

A 4 character field for the Slide of the recorded plat for the road, if one exists.

#### Field 54 SUBDIV

A 30 character field for the name of the recorded subdivision for the road, if one exists.

#### Field 55 PPRE\_DIR

The 10 character field for the prefix direction of the road or street as designated on the recorded plat.

Field 56 PST\_NAME

A 25 character field for the name of the dedicated road or street as designated on the recorded plat.

Field 57 PST\_TYPE

The 10 character field for the type of the road or street as designated on the recorded plat.

Field 58 PSUF\_DIR

The 10 character field for the suffix direction of the road or street as designated on the recorded plat.

Field 59 RD\_ID

A 60 character field containing the concatenation of ROADNO, STR\_PRE, STR\_NAME, STR\_TYPE, STR\_SUFFIX, calculated with dBase code as follows:

```
if JURISDIC='S' .or. JURISDIC='C' .or. JURISDIC='T'  
    repl rd_id with ;  
    iif(len(trim(roadno))>0,trim(roadno)+' ','')+ ;  
    iif(len(trim(str_pre))>0,trim(str_pre)+' ','')+ ;  
    iif(len(trim(str_name))>0,trim(str_name)+' ','')+ ;  
    iif(len(trim(str_type))>0,trim(str_type)+' ','')+ ;  
    trim(str_suffix)  
else //omit roadno  
    repl rd_id with ;  
    iif(len(trim(str_pre))>0,trim(str_pre)+' ','')+ ;  
    iif(len(trim(str_name))>0,trim(str_name)+' ','')+ ;  
    iif(len(trim(str_type))>0,trim(str_type)+' ','')+ ;  
    trim(str_suffix)  
endif
```

This field is handy for labeling purposes in ArcGIS.

Field 60 X1

The calculated X value of the State Plane coordinate of the beginning of the segment.

Field 61 Y1

The calculated Y value of the State Plane coordinate of the beginning of the segment.

Field 62 X2

The calculated X value of the State Plane coordinate of the end the segment.

Field 63 Y2

The calculated Y value of the State Plane coordinate of the end of the segment.

Field 64 NLF\_ID



Legacy value from previous centerline shapefile. See Field 26 NLFID.

Field 65 RTE\_CD

The 2 character designation of the route type based on jurisdiction, such as SR, CR, TR, MR.