

8.4 Guidance Data Frame

The basic data list is not related to the list of the nodes constituting a link string.

name [Guidance Data Frame]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	B1		Basic Data List		

8.4.1 Basic Data

name [Basic Data]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	B1		Basic Distribution Header		a
2	O1	B2		Intersection Name Data Table		c
3	O2	B3		Road Name Data Table		c
4	O3	B4		District Name Data List		c
5	O4	B5		Spot Guide Data List		c
6	O5	B6		Direction Guide Data List		c
7	O6	B7		Road Structure Data List		c
8	O7	B8		Building and Facility Data List		c
9	O8	B9		Caution Point Data Table		c

8.4.1.1 Basic Distribution Header

name [Basic Distribution Header]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	2	SWS	Basic Data Size	(3)	a
2	2	2	B:B:B:B:B: B:B:B:B:	Data Existence/non-existence Identification Information	(4)	a
3	4	4	:B:N:N	Node Information	(8)	a
4	8	2	D	Offset to Intersection Name Data Table	(1)	c
5	10	2	N	Number of Intersection Name Data Records	(2)	c
6	12	2	D	Offset to Road Name Data Table	(1)	c
7	14	2	N	Number of Road Name Data Records	(2)	c
8	16	2	D	Offset to Toward Name Data List	(1)	c
9	18	2	N	Number of Toward Name Data Records	(2)	c
10	20	2	D	Offset to Spot Guide Data List	(1)	c
11	22	2	N	Number of Spot Guide Data Records	(2)	c
12	24	2	D	Offset to Direction Guide Data List	(1)	c
13	26	2	N	Number of Direction Guide Data Records	(2)	c
14	28	2	D	Offset to Road Structure Data List	(1)	c
15	30	2	N	Number of Road Structure Data Records	(2)	c
16	32	2	D	Offset to Building and Facility Data List	(1)	c
17	34	2	N	Number of Building and Facility Data Records	(2)	c
18	36	2	D	Offset to Caution Point Data Table	(1)	c
19	38	2	N	Number of Caution Point Data Records	(2)	c
20	40	2	D	Offset to Extended Data	(7)	c

(1) Offset to Data Table List

This field describes the displacement from the beginning of the guidance data frame to the beginning of each data table or list.

(2) Number of Data Records

This field describes the number of data records constituting each data table or list. If no entity exists, the number of data records is assumed to be 0000(16).

(3) Basic Data Size

This field describes the size of the relevant basic data.

(4) Data Existence/Non-existence Identification Information

No.	bit	Description		
1	15	Deletion Flag	bit15	Meaning
			0	Not deleted
			1	Deleted
2	14	Time Information Flag	bit14	Meaning
			0	Not set
			1	Set
3	13	Extended Data Flag	bit13	Meaning
			0	Not extended
			1	Extended
4	12	(RESERVED)		
5	11	Intersection Name Data Existence Flag (5)	bit11	Meaning
			0	Intersection name data does not exist.
			1	Intersection name data exists.
6	10	Road Name Data Existence Flag (5)	bit10	Meaning
			0	Road name data does not exist.
			1	Road name data exists.
7	9	District Name Data Existence Flag (5)	bit9	Meaning
			0	District name data does not exist.
			1	District name data exists.
8	8	Spot Guide Data Existence Flag (5)	bit8	Meaning
			0	Spot guide data does not exist.
			1	Spot guide data exists.
9	7	Direction Guide Data Existence Flag (5)	bit7	Meaning
			0	Direction guide data does not exist.
			1	Direction guide data exists.
10	6	Road Structure Data Existence Flag (5)	bit6	Meaning
			0	Road structure data does not exist.
			1	Road structure data exists.
11	5	Building and Facility Data Existence Flag (5)	bit5	Meaning
			0	Building and facility data does not exist.
			1	Building and facility data exists.
12	4	Caution Point Data Existence Flag (5)	bit4	Meaning
			0	Caution point data does not exist.
			1	Caution point data exists.
13	3 to 0	(RESERVED)		

(5) Existence Flags

This flag represents whether the entity of each data exists and whether the "number of offset data records" accommodation field in the basic distribution header exists. The order of the "number of offset data records" lists is specified by the "number of offset data records" lists indicated in the basic distribution header. Whether each field exists depends on the existence flag for each data.

(6) Extended Data Existence Flag

This flag represents whether the entity of the extended data exists and whether the "offset to extended data" accommodation field in the basic distribution header exists.

(7) Offset to Extended Data

The offset to the extended data points to the storage position of the extended data linked to the basic data. It represents the displacement from the beginning of the route guidance extended data frame to the beginning of the applicable extended data.

(8) Node Information

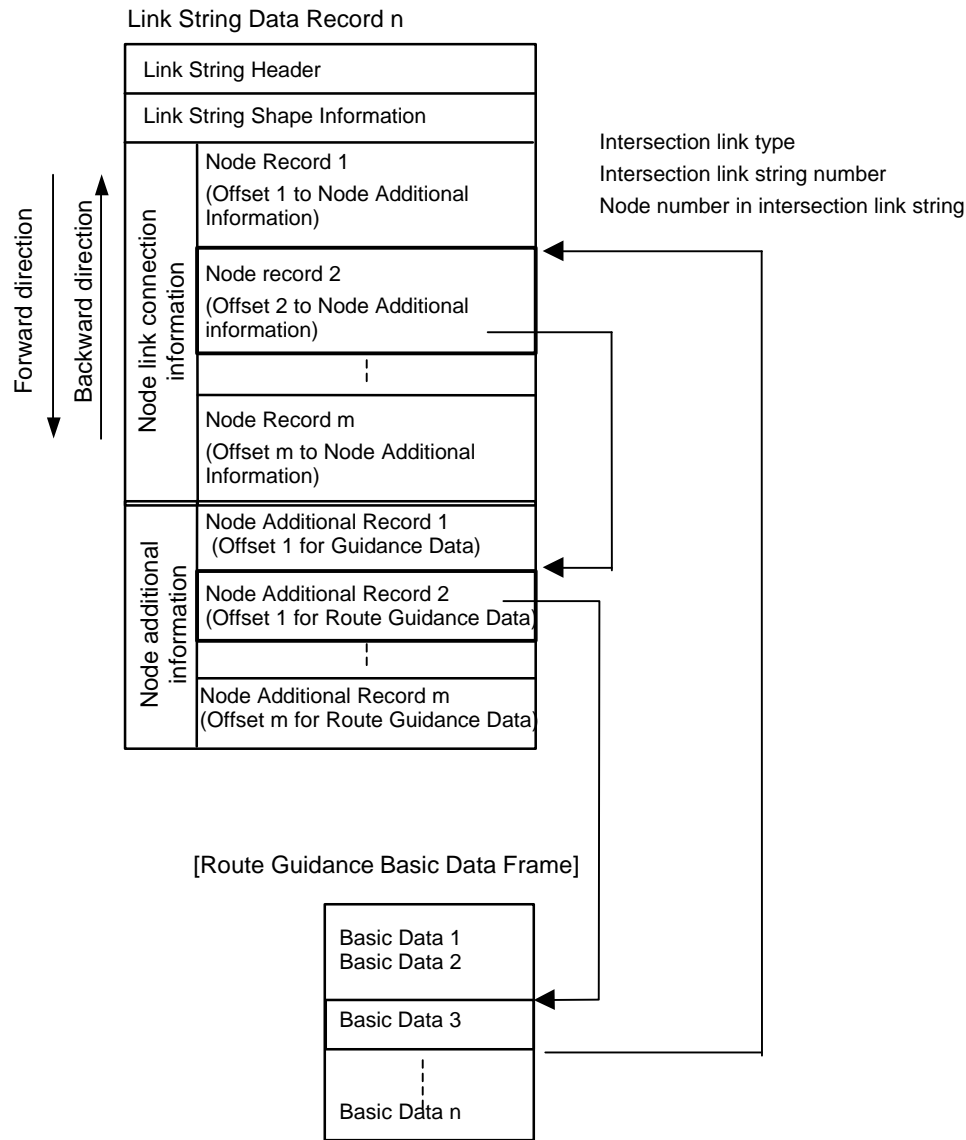
This information represents the existence position of the node record in the node link connection information of the road data list corresponding to the relevant basic data. If the entity does not exist (is invalid), 4095(10) is stored as the intersection link string number.

No.	bit	Description
1	31 to 25	(RESERVED)
3	24 to 21	Intersection Link String Display Class (0-15)
4	20 to 9	Intersection Link String Number (0-4095)
5	8 to 0	Node Number in Intersection Link String (0-511)

Route Guidance Data Search Method

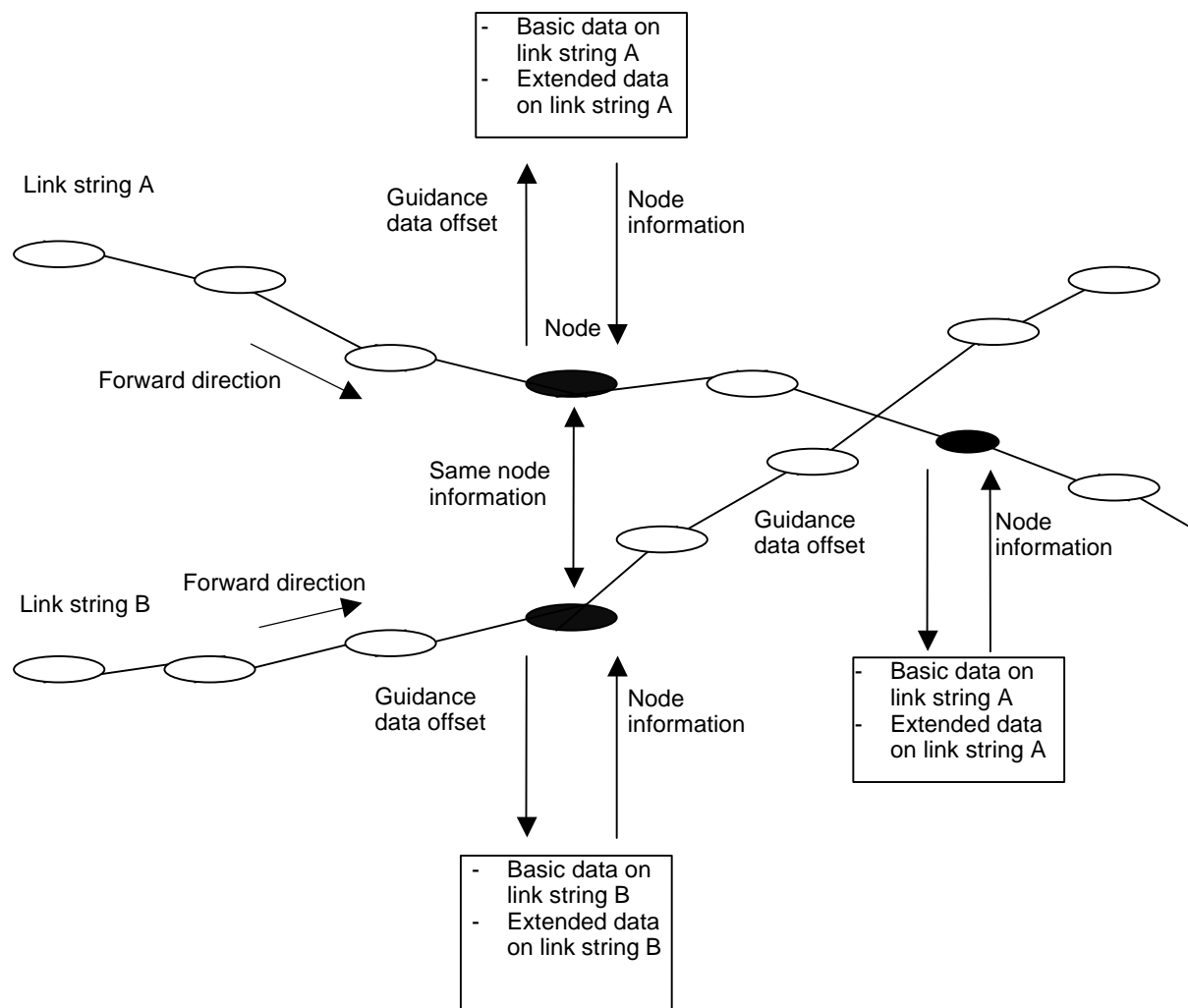
1. Correspondence Between Route Guidance Data and Link String Data Records

Route guidance data is referenced according to the guidance data offset set in the node additional information in a link string data record for road data. The guidance data offset represents the displacement from the beginning of the guidance data frame to the applicable route guidance data (basic data).



The node record in the link string data record for the road data corresponding to route guidance data is referenced from the node information set in the guidance data. Node information represents the displacement from the beginning of the road data frame to the applicable node record.

Example: Route Guidance Data Representation for Crossing Link Strings



2. Correspondence Between Basic Data and Extended Data

Extended data is referenced from the offset information set in the basic distribution header of each basic data. Offset information represents the displacement from the beginning of the route guidance extended data frame to the applicable extended data.

