

8.4.1.2 Intersection Name Data Table

In the intersection (node) where the intersection name is the same from every approach direction, of the nodes to be identified according to the same node information, the intersection name data table is assigned to one of the nodes per parcel.

name [Intersection Name Data Table]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	B1		Intersection Name Data Record List		

8.4.1.2.1 Intersection Name Data Record

Data is created by the number of intersection name data records in the basic distribution header.

name [Intersection Name Data Record]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	2	B:	Intersection Name Attribute Header	(1)	a
2	2	2	D	Offset Character String Data	(3)	a

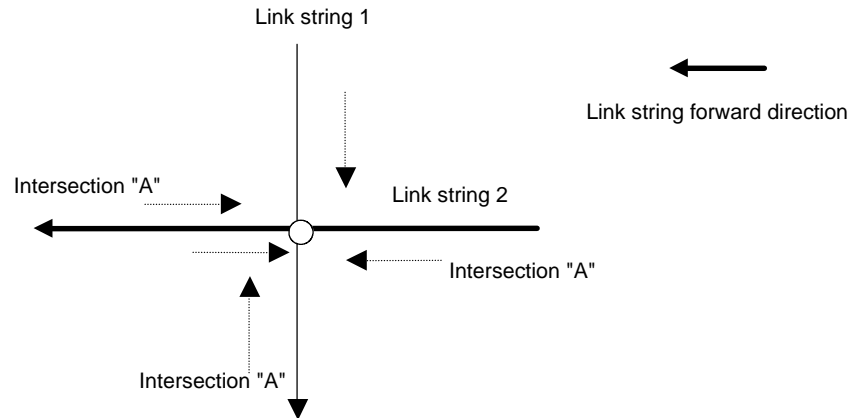
(2) Intersection Name Attribute Header

No.	bit	Description			
1	15 to 14	Link Direction (2)	bit15	bit14	Meaning
			0	0	All directions (Names in all approach directions are the same.)
			0	1	Forward direction (same as the node record storage sequence)
			1	0	Backward direction (reversal of the node record storage sequence)
			1	1	Bidirectional (no direction)
2	13 to 0	(RESERVED)			

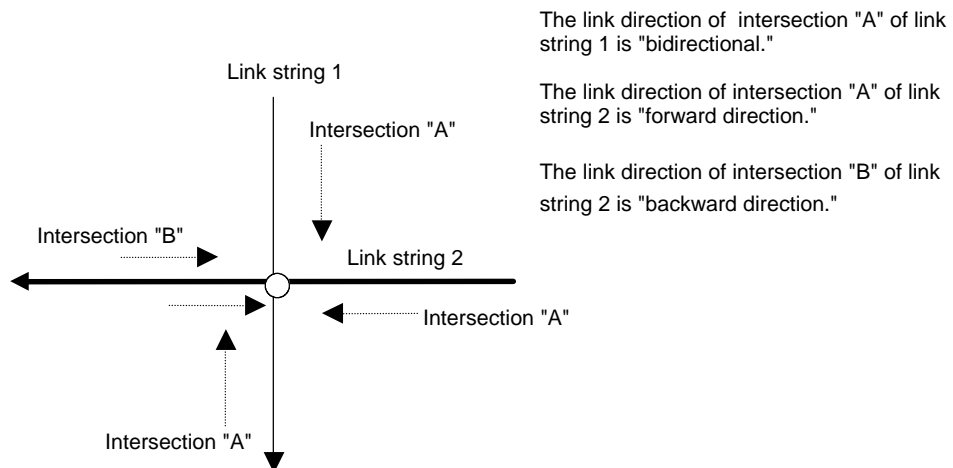
(2) Link Direction

Indicates the link direction corresponding to the approach direction to the intersection whose name can be confirmed. Priority of link direction setting, as long as it is representable, is "all directions", "bidirectional", and "forward (backward) direction."

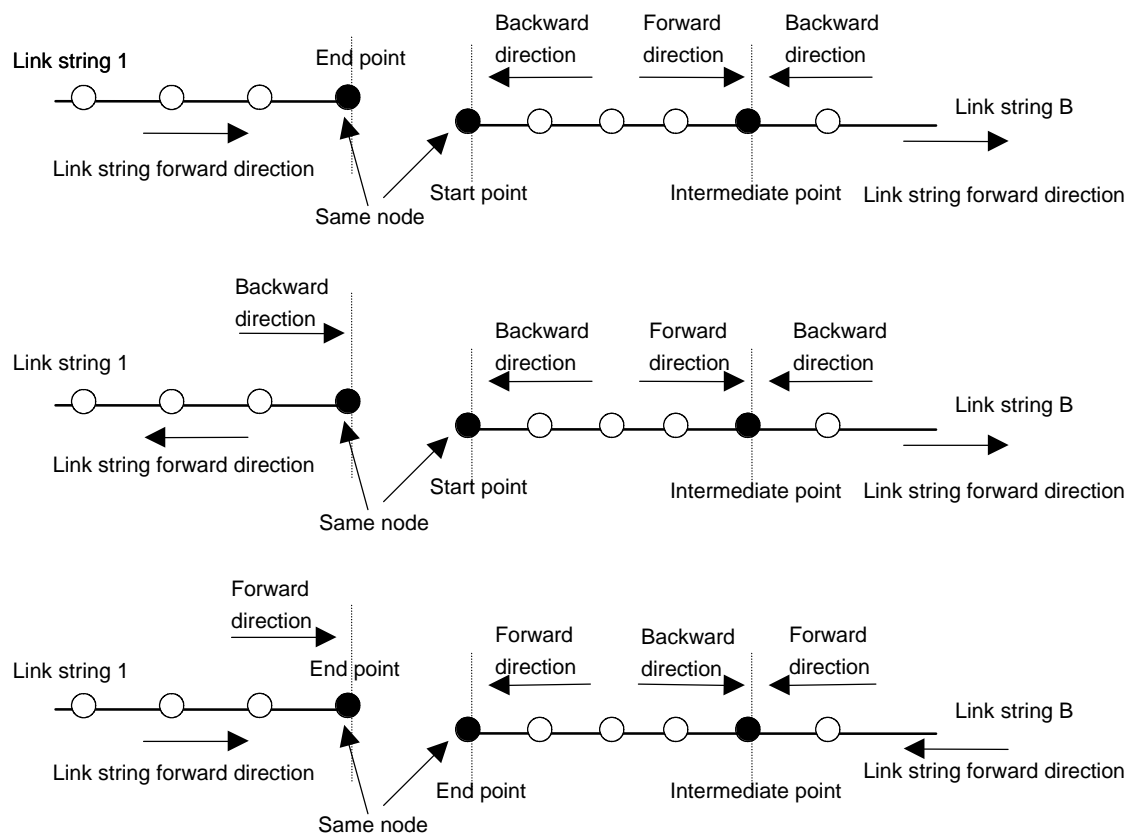
a) All directions



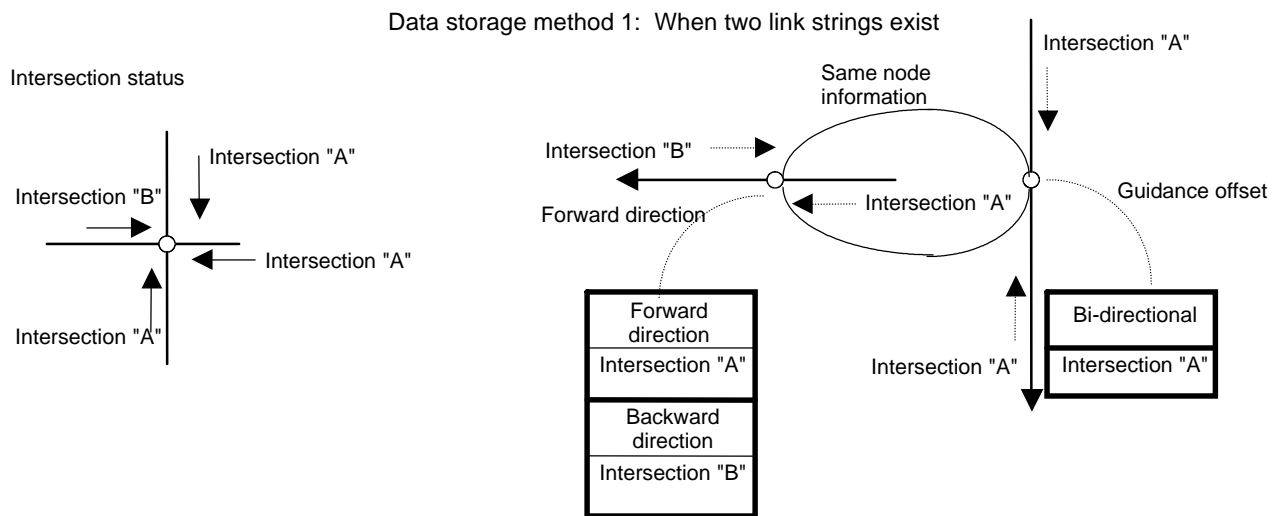
b) Forward direction, backward direction, and bidirectional



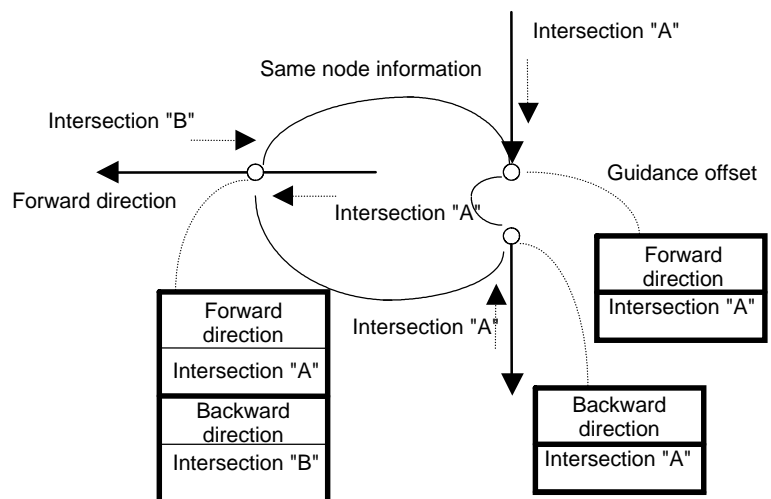
Supplement 1: The link direction indicates the road direction corresponding to the approach direction to the intersection whose name can be confirmed.



Storage Example 1:

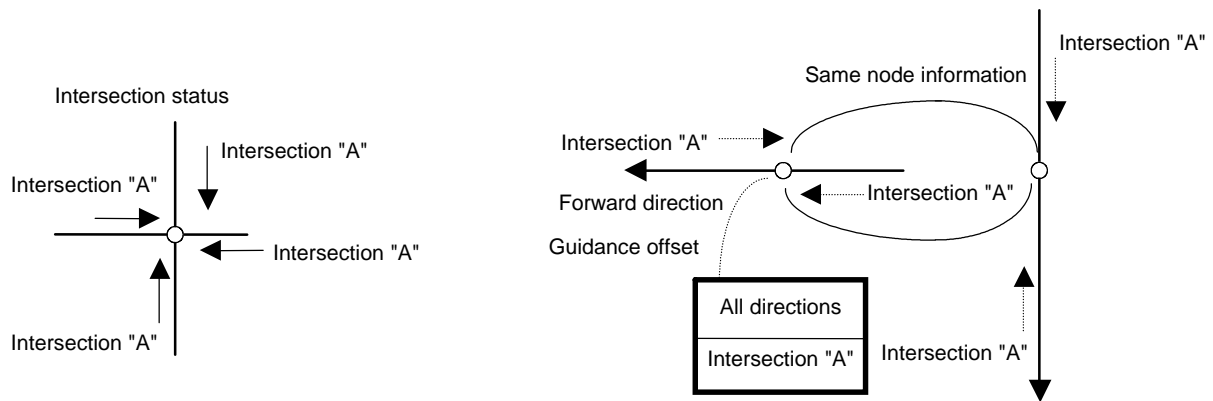


Data storage method 2: When three link strings exist

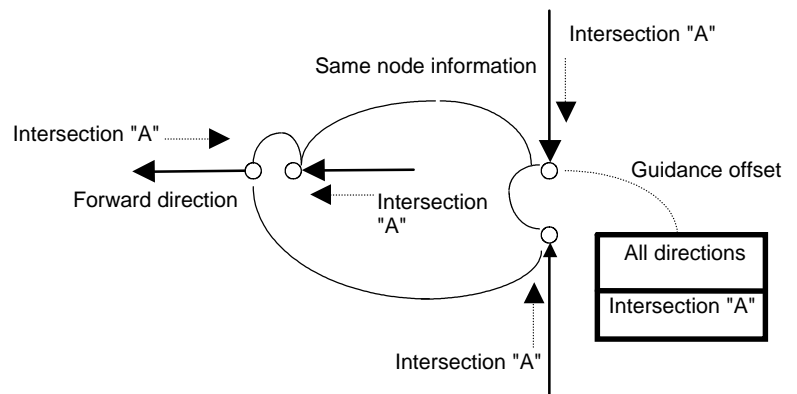


Storage Example 2:

Data storage method 1: When two link strings exist

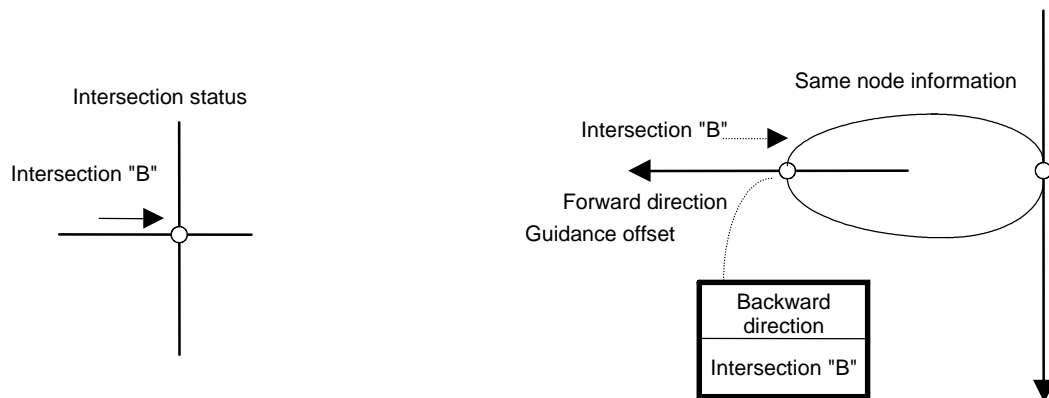


Data storage method 2: When four link strings exist



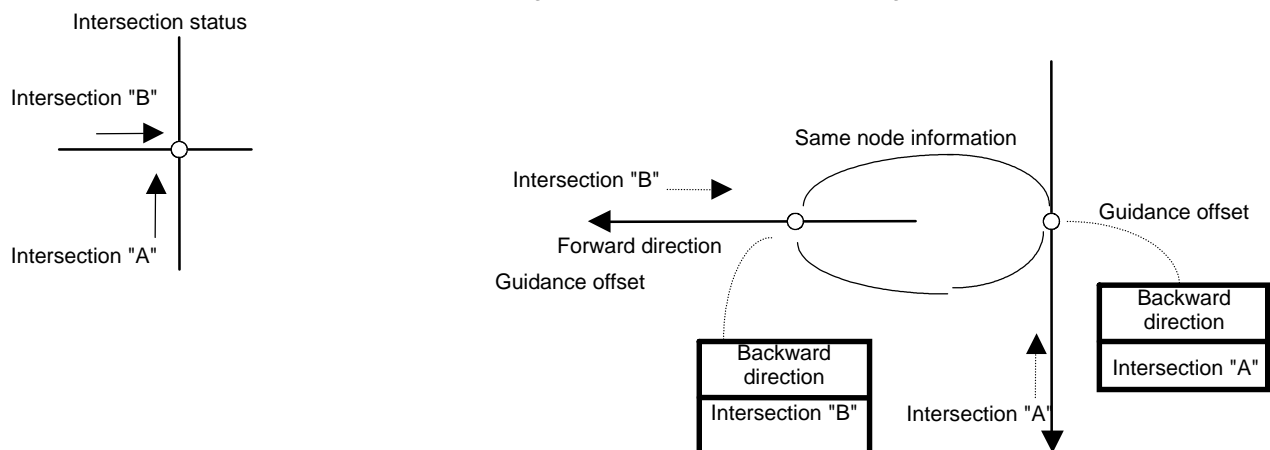
Storage Example 3:

Data storage method 1: When two link strings exist



Storage Example 4:

Data storage method 1: When two link strings exist



(3) Offset to Character String Data

The offset to the character string data indicates the storage position of the character string data record corresponding to the applicable intersection name data record. It represents the displacement from the beginning of the character string data frame to the beginning of the applicable character string data record.

