

Additional 1  
Get previous and next bus stop  
□STOP\_INDEX of below table represent the Index of a BUS\_STOP to BUS\_LINE.

□For a given bus line and a bus stop, this column make it easier for real-time bus apps to get the previous and next bus stop by compare the Index.

Additional 2  
Compute the distance of routine.  
□DISTANCE\_TO\_NEXT\_STOP represent current distance between current stop and next one.IF the stop is the last one of this line. The DISTANCE\_TO\_NEXT\_STOP value set 0.

□Distance between every two stops in same busline by find sum of DISTANCE\_TO\_NEXT\_STOP whose index between them.

□Combine the distance between bus stops and entrances, we can use algorithm to find every two sites's optimized distance by listing from which site to site in which bus line or metro line.

□This can help us to find a shortest route plan in online map apps

