

Next- hop selection in CAIR

Procedure 2 : Next- hop Selection

Inputs : position and speed of the neighbors

Outputs : the optimal next- hop forwarding node

Begin

do

if ($N_{\text{intersection_node}} \in N_{\text{neighboring_node}}$)

if ($D_{\text{forwarding_road_segment}} = D_{\text{current_road_segment}}$)

forward packet to its farthest $N_{\text{neighboring_node}}$;

else

forward to the $N_{\text{intersection_node}}$;

else

forward the packet directly to its farthest $N_{\text{neighboring_node}}$;

while(forwarding node is not destination node);

forward packet to destination node;

end if

end if

end while

End of Next- hop Selection