

SUPERSTREET INTERSECTION

WHAT IS A SUPERSTREET?

Superstreet is the name given to a type of intersection that keeps traffic flowing on major thoroughfares such as S.R. 4 Bypass by eliminating left and through movements from side roads.

Vehicles on the main road use conventional lanes while through and left-turning traffic from side roads must turn right and then use median U-turns to complete their movement. The superstreet’s main benefit is that it improves traffic flow by increasing capacity and reducing delay while improving safety by reducing the number of conflict points.

WHY SUPERSTREETS ON S.R. 4 BYPASS?

The S.R. 4 Bypass is a partially limited access roadway, meaning there is no direct access for businesses or driveways from S.R. 4 Bypass, much like an interstate highway. However, at-grade intersections are allowed.

The superstreet intersection offers the following benefits over more traditional intersections:

- . Fits inside the existing right-of-way;
- . Allows the at-grade intersections to remain;
- . All conventional movements remain the same for vehicles on the major road;
- . Safer — Conflict points are reduced by 50%;
- . Improves traffic flow substantially by increasing capacity and reducing delay;
- . Cost effective — Much cheaper than constructing grade-separated interchanges.

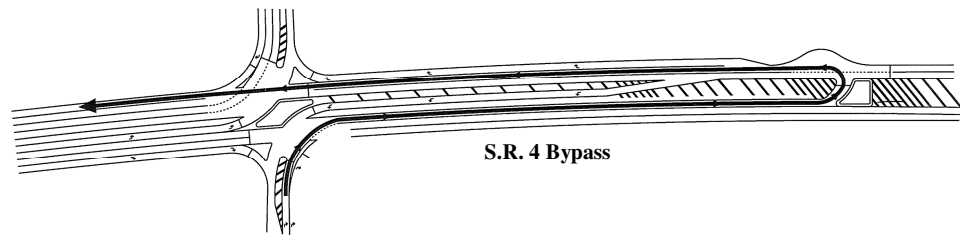
HOW TO TRAVEL THROUGH A SUPERSTREET?

Vehicles on S.R. 4 Bypass will not notice any change except additional traffic lanes and an additional traffic light downstream from cross street intersections.

Vehicles on the intersecting roadways along S.R. 4 Bypass will notice significant changes with the superstreet design. All left and straight movements are not permitted from the intersecting cross street.

MAKING A LEFT TURN FROM SIDE STREET

1. From lane closest to centerline, turn right onto S.R. 4 Bypass
2. Make a U-turn through the median at traffic signal
3. Proceed through cross street intersection to complete left turn movement



THROUGH MOVEMENT FROM SIDE STREET

1. Turn right onto S.R. 4 Bypass
2. Make a U-turn through the median at traffic signal
3. Turn right onto side street to complete through movement

