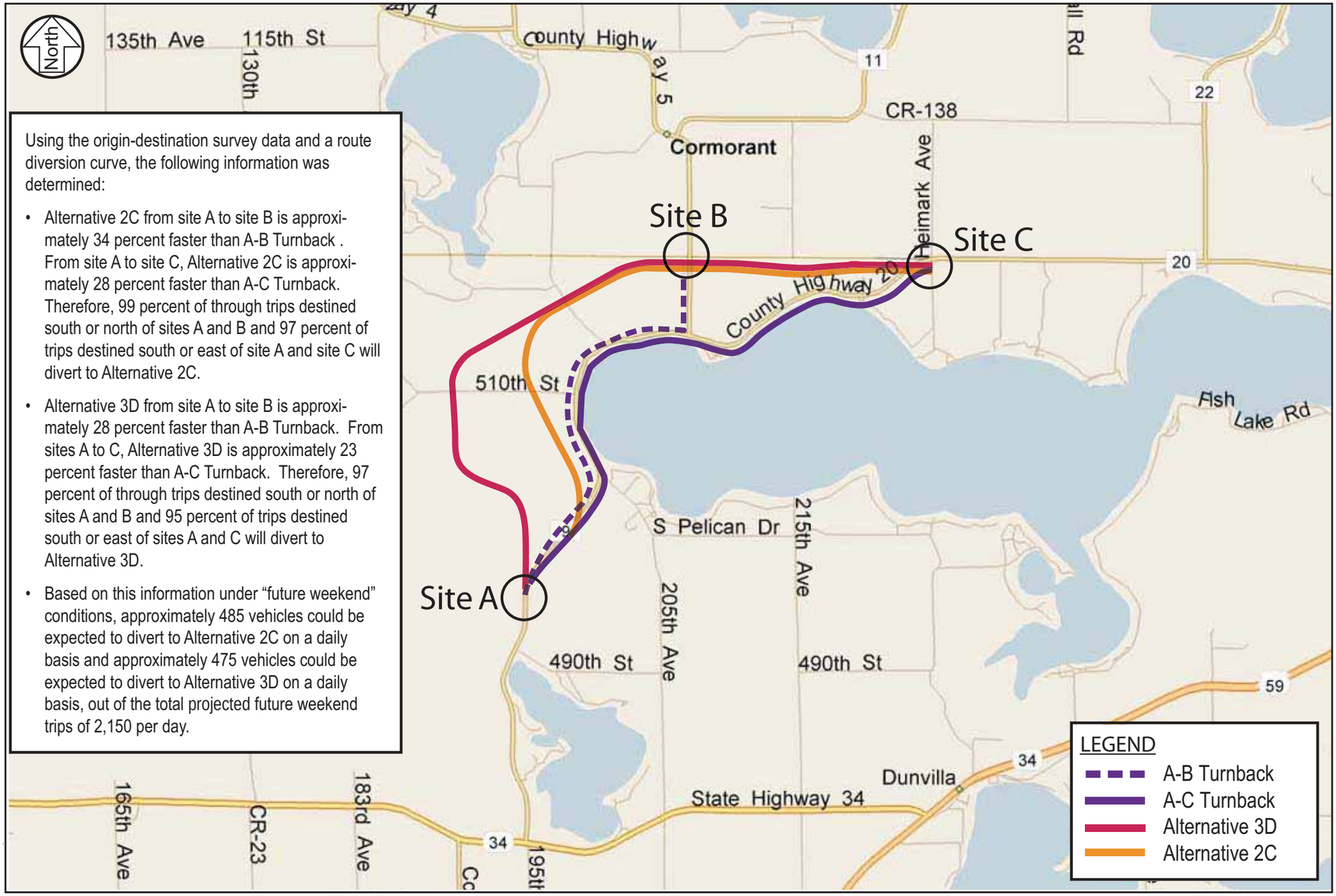
What Traffic Will be Diverted?



Using the origin-destination survey data and a route diversion curve, the following information was determined:

- Alternative 2C from site A to site B is approximately 34 percent faster than A-B Turnback . From site A to site C, Alternative 2C is approximately 28 percent faster than A-C Turnback. Therefore, 99 percent of through trips destined south or north of sites A and B and 97 percent of trips destined south or east of site A and site C will divert to Alternative 2C.
- Alternative 3D from site A to site B is approximately 28 percent faster than A-B Turnback. From sites A to C, Alternative 3D is approximately 23 percent faster than A-C Turnback. Therefore, 97 percent of through trips destined south or north of sites A and B and 95 percent of trips destined south or east of sites A and C will divert to Alternative 3D.
- Based on this information under "future weekend" conditions, approximately 485 vehicles could be expected to divert to Alternative 2C on a daily basis and approximately 475 vehicles could be expected to divert to Alternative 3D on a daily basis, out of the total projected future weekend trips of 2,150 per day.