

# I-270/US 33 INTERCHANGE (DUBLIN)

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## WHAT IS IT, AND WHY IS IT SO IMPORTANT?

Dublin is one of the fastest growing communities in central Ohio both in terms of population and job creation. Currently, Dublin is home to over 40,000 residents and 70,000 employees. As Dublin's success continues, traffic congestion will increase and safety will decline throughout the affected interchange area. This project is very large and complex, and will require its completion in phases. This interchange not only connects the Columbus Outerbelt (I-270) to major freight centers in the Marysville area (Honda, Scott's Miracle-Gro), but to many job centers in Dublin. For example, this project serves the world headquarters of Cardinal Health, a Fortune 50 company; Ashland Chemical; and Nationwide Insurance.



## I-270/US 33 NORTHWEST FREEWAY STUDY

In 2006, MORPC worked with ODOT and local partners to develop the I-270/US 33 Northwest Freeway Study. This study looked to develop long term solutions for I-270 between I-70 and Sawmill Road and US 33 from I-270 to US 42. Study efforts were concentrated on improvements that most directly serve

the mobility needs of the corridor's traveling public, and identified costs, potential impacts, and short- and long-term implementation. This interchange project was identified as the most critical freeway need in the I-270/US 33 Northwest Freeway Study's Strategic Plan.

## PHASE I

Given the size and magnitude of funding necessary to reconstruct this interchange as a whole, the Strategic Plan developed a phasing strategy so it could be rebuilt in workable segments over time. The Strategic Plan identified that Phase 1, constructing a northbound to westbound

directional ramp, should be completed by 2017. However, that date is completely funding dependant. The City of Dublin and ODOT are currently pursuing preliminary engineering and environmental studies.

### SAFETY

This interchange is ranked in the top 20 locations in Ohio for freeway crashes.

### GOODS MOVEMENT

More than 25,000 trucks move freight to and through this interchange daily. Congestion at this interchange jeopardizes "just in time" delivery methods used by Honda and other area manufacturers.

### IMPACT ON AREA

Replacing the northbound-to-westbound ramp of the I-270/US 33 interchange is the first step of several transportation improvements that will keep people and goods moving more efficiently. Back-ups at US 33/SR 161 can be adequately addressed only after the northbound-to-westbound ramp is fixed; the widening of US 33, too, can move forward only once this chokepoint is relieved.

SOURCE: City of Dublin