

An aerial map of a road network in Pennsylvania, specifically focusing on SR-81 Section 230. The map is overlaid with a semi-transparent blue and green filter. A yellow line traces the path of SR-81, with various colored markers (red, green, blue, orange) and symbols (squares, circles, triangles) placed along it to indicate project locations. A legend in the top right corner lists project types: Existing, Type A, CC, V, and ITS. The text 'SR-81 SECTION 230' is prominently displayed in the upper center.

SR-81 SECTION 230

Pavement Replacement, Restoration and ITS Enhancements

PROJECT UPDATE – SR-81 SECTION 230

Purpose and Need

- **Purpose:** To improve pavement conditions and provide a safe transportation system for motor vehicles and decrease future maintenance and to enhance the existing intelligent transportation systems (ITS) within the vicinity of the pavement replacement.
- **Needs:** To fix the excessive faulting between lanes and damaged joints on Interstates 81 and 84 which has deteriorated the ride quality and safety for the traveling public. The ITS enhancements project is needed to provide continuous visual coverage and to update the changeable message signs (CMS) and microwave vehicle detectors (MVDS) systems throughout the project corridor.

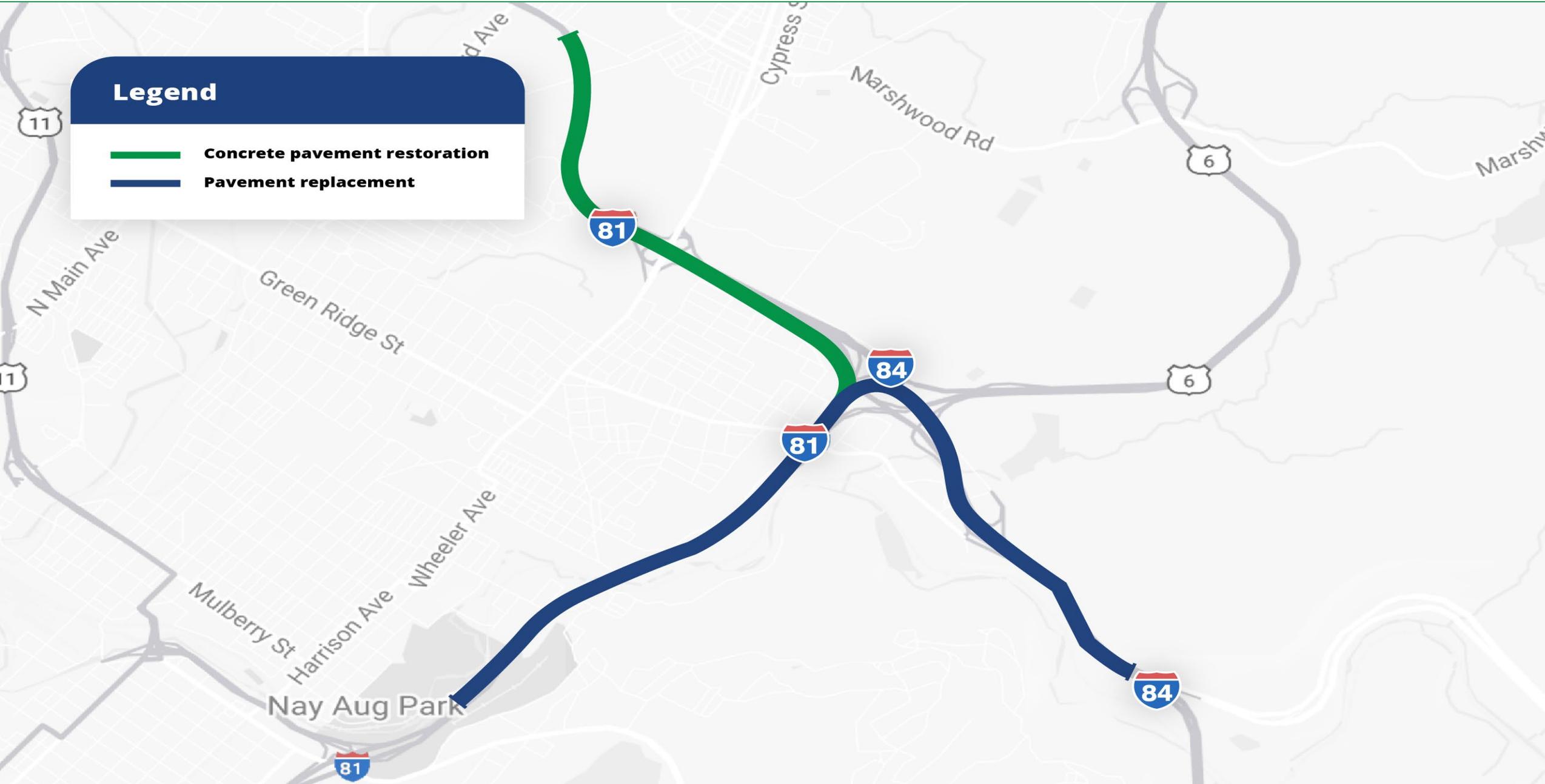
PAVEMENT REPLACEMENT AND RESTORATION

PROJECT UPDATE – SR-81 SECTION 230

Pavement Replacement and Restoration

Legend

-  Concrete pavement restoration
-  Pavement replacement



Existing Conditions



Typical Pavement Failure



I-81 SB failure area and testing to determine cause



Area of previous repair that continues to fail



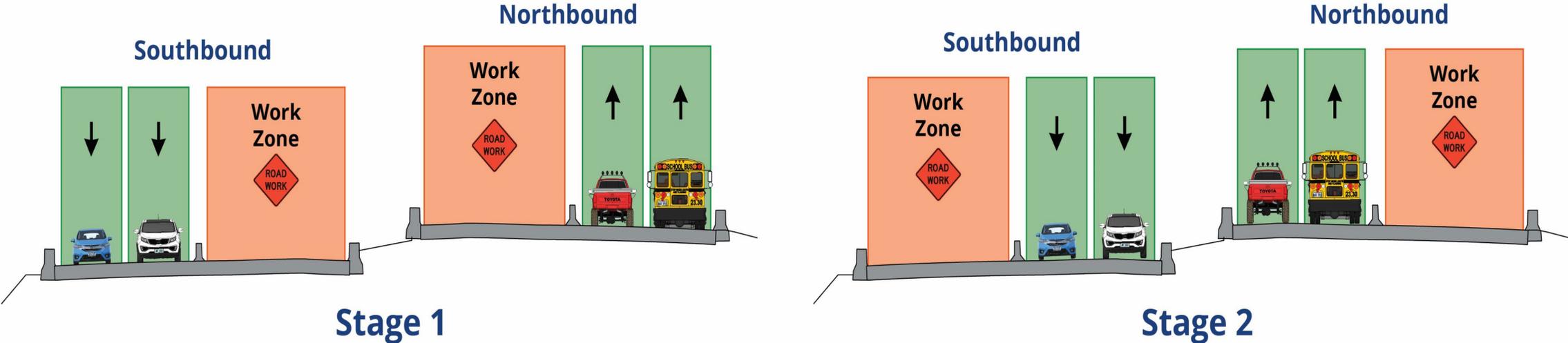
I-84 monitoring of past repair areas

TRAFFIC CONTROL

PROJECT UPDATE – SR-81 SECTION 230

Construction Staging

Two Stage Construction I-81 and I-84



NEXT STEPS

Next Steps

