

# 9 THINGS TO KNOW ABOUT...

## CONSTRUCTION MITIGATION

Windsor-Detroit Bridge Authority (WDBA) and Bridging North America (BridgingNA) are aware that construction mitigation is a regional priority. Measures will be taken by BridgingNA to minimize the impact of construction of the Gordie Howe International Bridge project in accordance with commitments in the approved US Environmental Impact Statement and Canadian Federal Screening Report identified as part of the Detroit River International Crossing (DRIC) study or were identified for inclusion in the Project Agreement with BridgingNA. Here are just a few of the mitigation measures that may be used:

### 1

#### NOISE

Measures to lessen construction noise on adjacent residents will be implemented, including all construction equipment being in good repair, installing noise barriers or berms as early as possible, maximizing the distance between staging areas and nearby receptors and conducting ongoing noise monitoring. Construction activities will occur in accordance with applicable municipal bylaws.

### 2

#### AIR QUALITY AND DUST

Proven techniques and best management practices have been incorporated into the project requirements to limit construction dust. Measures to be implemented, include periodic watering or stabilization of disturbed soils, limiting the speed of vehicular traffic, watering during transport of materials and cleaning of construction zone entrances.

### 3

#### TRAFFIC DISRUPTIONS

Traffic delays, detours and short-term road closures are occasionally necessary during construction activities. Measures will be taken to minimize the impact on the travelling public and ensure access to adjacent properties and emergency services is always maintained.

### 4

#### PROTECTION OF WILDLIFE AND NATURAL AREAS

Steps to ensure that wildlife and several species at risk (SAR) adjacent to the project sites are protected during construction have been implemented. Measures include SAR training, pre-construction surveys, environmental monitoring, exclusion fencing and design considerations.

### 5

#### EROSION AND SEDIMENT CONTROL

Plans will be developed and implemented to protect surface waters, adjacent ecosystems and properties. Provincial and state environmental guidelines for road construction will be followed along with stormwater management ponds allowing settlement of sediment prior to release into the drainage system.

### 6

#### VIBRATION MONITORING

Pre-construction, construction and post-construction foundation surveys will be conducted in areas that have been identified within 150 feet or 45 metres of major construction zones in the US, including historical structures.

### 7

#### WATER QUALITY PROTECTION AND MANAGEMENT

Site specific plans and activities have been developed to protect surface waters and adjacent ecosystems during construction. Stormwater management ponds will be used to help manage water quality prior to controlled release of surface water into adjacent drains.

### 8

#### ARCHAEOLOGY AND CULTURAL RESOURCE PROTECTION

During construction, BridgingNA will continue to undertake archaeological and heritage investigations as necessary. Any unexpected archaeological finds will be reported to the appropriate agencies. Documentation to record and preserve historical sites has also been completed.

### 9

#### COMMUNICATION DURING CONSTRUCTION

The project team is committed to ensuring communication with the public is maintained during construction. Residents will receive notifications of upcoming work, regular progress updates and a project contacts to discuss questions and concerns.

