

# A720 Sheriffhall Roundabout

## What Will Happen Next

Following this Public Exhibition, any views and concerns expressed will be considered during the subsequent development and assessment of the scheme.

Public consultation is an important part of the design process, which also involves liaison with a diverse range of Stakeholders, including: local authorities, SEPA, Scottish Natural Heritage (SNH), and Historic Environment Scotland.

All comments raised, including those raised at today's exhibition, will be considered as part of the assessment process, along with other factors such as environment, engineering, and traffic and economics. The outcome will then be detailed in the Stage 2 Options Assessment Report along with a recommendation for a preferred option to be taken forward.



## Comments

We would request that all comments are posted in the box provided or alternatively sent to Transport Scotland's design consultants, AECOM, at the address below by 27<sup>th</sup> January 2017.

Jill Irving  
AECOM  
Citypoint 2  
25 Tyndrum Street  
Glasgow. G4 0JY  
Tel: 0141 354 5600  
Email: [jill.irving@aecom.com](mailto:jill.irving@aecom.com)

The exhibition material and more information on the project can found at:  
[www.transport.gov.scot/project/a720-sheriffhall-roundabout](http://www.transport.gov.scot/project/a720-sheriffhall-roundabout)

Public Exhibition

Emerging Options

December 2016



A720 east approach to Sheriffhall Roundabout

## Welcome

Welcome to this Public Exhibition for the A720 Sheriffhall Roundabout. This leaflet provides some general information about the background to the scheme and the route development and assessment process. Further information is available on the exhibition boards and by speaking to the Transport Scotland representatives and their design consultants, AECOM.

## Background

Sheriffhall Roundabout is a six arm roundabout located at the junction of the A720 Edinburgh City Bypass, the A7 and the A6106 south-east of Edinburgh. Over the years, the roundabout has undergone various improvements including localised widening, signalisation and additional lanes. Despite these improvements, a congestion problem persists, particularly during peak hours. Planned future development and the associated additional traffic will add further pressure on the already busy junction.

Junction improvements were identified in Transport Scotland's Strategic Transport Projects Review (STPR), published in 2008. Intervention 22 recommends targeted road congestion / environmental relief schemes, including junction improvements at the Sheriffhall roundabout.

AECOM was appointed by Transport Scotland to undertake design and assessment work to identify the most appropriate form of grade separated junction (interchange or flyover).

## Scheme Assessment

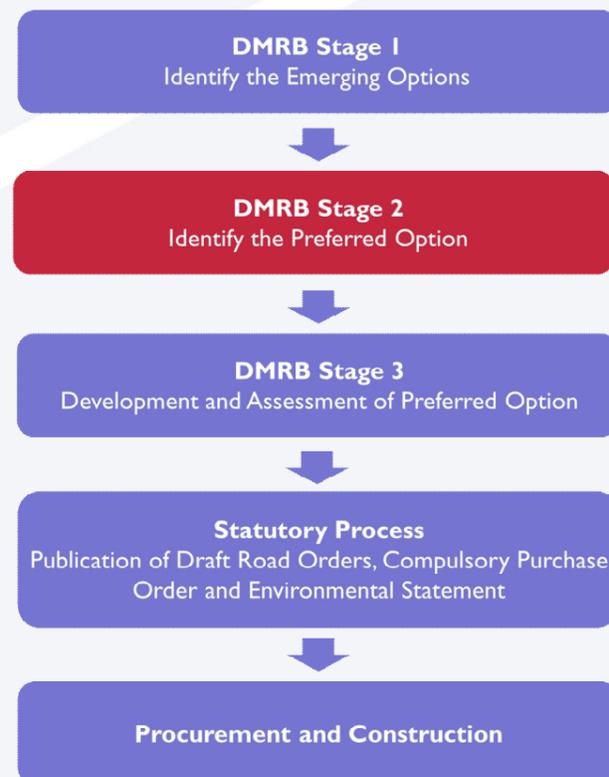
A rigorous assessment process is required to determine the preferred option for a trunk road improvement scheme.

The design of a new trunk road junction follows the scheme assessment process set out in the Design Manual for Roads and Bridges (DMRB).

This is a three-stage assessment process that considers options in terms of engineering, environmental, and traffic and economic factors. Throughout the assessment process, consultation is carried out with a large number of stakeholders and interested groups.

After an initial sift of eight options, the DMRB Stage 1 assessment identified a shortlist of four junction options to take forward to Stage 2.

The DMRB Stage 2 assessment to identify the preferred option is underway. A further sifting exercise has narrowed the four Stage 1 options to the three that are displayed at this exhibition.



## Option Development

After gathering information on the existing environmental, traffic and engineering conditions, a variety of different options were identified including new flyovers located at the existing Sheriffhall Roundabout and options located to the west and east.

A number of factors were considered as part of this assessment work to identify the three emerging options:

- Junction options with the A720 going under or over the new junction
- Road geometry, road safety and accident data
- Traffic survey information, and planned future development
- Topography of the area
- Constructability and disruption during construction
- Affected properties / land, local access, Borders Railway
- Provision for cyclists, pedestrians and public transport
- Environmental issues

## Scheme Objectives

The following scheme objectives have been set, in consultation with Stakeholders, to address the main issues encountered at Sheriffhall Roundabout and will be used in the assessment to help determine which of the options is preferred.

- Improve the movement of traffic on the A720 between Gilmerton and Old Craighall by providing grade-separation of the A720 at the existing Sheriffhall Roundabout.
- Reduce the conflict between strategic and local traffic
- Minimise traffic impact of local proposed developments in Midlothian, East Lothian and City of Edinburgh on the A720 between Gilmerton Junction and Old Craighall Junction and approach roads.
- Improve road safety for all users on the A720 and approach roads between Gilmerton Junction and Dalkeith Northern Bypass.
- Minimise intrusion of the new works on the natural environment, cultural heritage and people whilst enhancing the local environment where opportunities arise
- Facilitate integration for different modes of transport along and across the A720 corridor between Gilmerton Junction and the Dalkeith Northern Bypass
- Reduce severance by improving accessibility across the A720 for all users.

## Emerging Options

The three most viable options have been taken forward for further investigation and are presented here at today's exhibition and are described as follows:



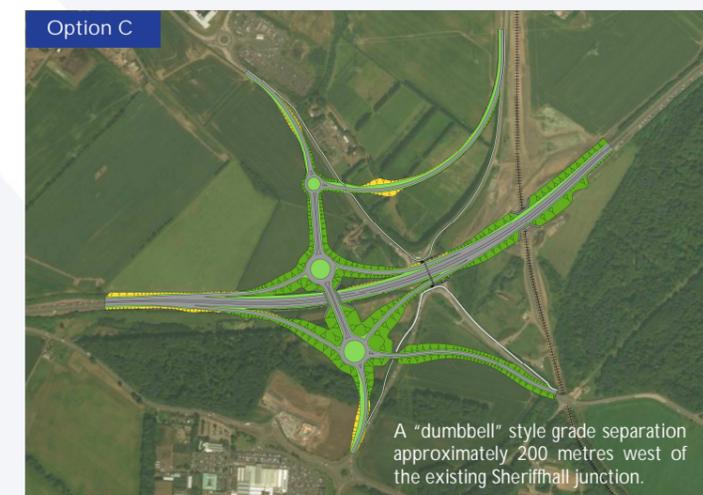
Option A

A "dumbbell" style grade separation at the existing Sheriffhall junction.



Option B

A large "diamond" style grade separated roundabout at the existing Sheriffhall junction.



Option C

A "dumbbell" style grade separation approximately 200 metres west of the existing Sheriffhall junction.