**NSG UPGRADE SCRIPTS Worcestershire**

**ESU DIRECTION**

1. Create a backup of table nm\_elements\_all by running SQL below:  
     
   create table nm\_elements\_all\_backup as

select \* from nm\_elements\_all;

1. Run SQL below to find out the number of records that will be updated:

SELECT COUNT (\*)

FROM nm\_elementsl

WHERE ne\_nt\_type = 'ESU'

AND ne\_end\_date IS NULL

AND ne\_sub\_type IS NULL

AND ne\_id IN (SELECT nm\_ne\_id\_of

FROM nm\_members

WHERE nm\_obj\_type = 'RDNM'

AND nm\_ne\_id\_in IN (SELECT ne\_id

FROM nm\_elements

WHERE ne\_descr LIKE 'M%'

AND ne\_owner IN (1805,1820,1825,1835,1840,1845,1855)));

1. Run the below to get a list of USRNs which will be updated. Save Export  
     
   SELECT ne\_id, ne\_descr

FROM nm\_elements

WHERE ne\_nt\_type = 'ESU'

AND ne\_end\_date IS NULL

AND ne\_sub\_type IS NULL

AND ne\_id IN (SELECT nm\_ne\_id\_of

FROM nm\_members

WHERE nm\_obj\_type = 'RDNM'

AND nm\_ne\_id\_in IN (SELECT ne\_id

FROM nm\_elements

WHERE ne\_descr LIKE 'M%'

AND ne\_owner IN (1805,1820,1825,1835,1840,1845,1855)));

1. Run the below SQL to update Motorways to ONE WAY direction:  
     
   UPDATE nm\_elements

SET ne\_sub\_type = 2

WHERE ne\_nt\_type = 'ESU'

AND ne\_end\_date IS NULL

AND ne\_sub\_type IS NULL

AND ne\_id IN (SELECT nm\_ne\_id\_of

FROM nm\_members

WHERE nm\_obj\_type = 'RDNM'

AND nm\_ne\_id\_in IN (SELECT ne\_id

FROM nm\_elements

WHERE ne\_descr LIKE 'M%'

AND ne\_owner IN (1805,1820,1825,1835,1840,1845,1855)));

1. The below SQL will give a list of all other streets which will be updated to two way direction

select \* from nm\_elements

WHERE ne\_nt\_type = 'ESU'

AND ne\_end\_date IS NULL

AND ne\_sub\_type IS NULL

and ne\_id in

(select nm\_ne\_id\_of

FROM nm\_members\_all

WHERE nm\_obj\_type = 'OFFN'

and nm\_ne\_id\_in in

(select ne\_id from nm\_elements

where ne\_owner in (5630)))

and ne\_id not in

(SELECT nm\_ne\_id\_of

FROM nm\_members\_all

WHERE nm\_obj\_type = 'RDNM'

and nm\_ne\_id\_in in

(select ne\_id from nm\_elements

where ne\_descr like 'M%'

and ne\_owner in (1805,1820,1825,1835,1840,1845,1855)));

1. Run Update SQL for Two direction (change owners):  
     
   UPDATE nm\_elements

SET ne\_sub\_type = 1

WHERE ne\_nt\_type = 'ESU'

AND ne\_end\_date IS NULL

AND ne\_sub\_type IS NULL

AND ne\_id IN (SELECT nm\_ne\_id\_of

FROM nm\_members

WHERE nm\_obj\_type = 'OFFN'

AND nm\_ne\_id\_in IN (SELECT ne\_id

FROM nm\_elements

WHERE ne\_owner IN (1805,1820,1825,1835,1840,1845,1855)))

AND ne\_id NOT IN (SELECT nm\_ne\_id\_of

FROM nm\_members

WHERE nm\_obj\_type = 'RDNM'

AND nm\_ne\_id\_in IN (SELECT ne\_id

FROM nm\_elements

WHERE ne\_descr LIKE

'M%'

AND ne\_owner IN (1805,1820,1825,1835,1840,1845,1855)));

1. Once you have run ALL scripts please run the below to update the Hig Upgrades table so there is a record that these updates have been completed.

INSERT INTO hig\_upgrades (hup\_product,

date\_upgraded,

from\_version,

to\_version,

upgrade\_script,

executed\_by,

remarks)

VALUES (

'NSG',

TO\_DATE (SYSDATE, 'DD-MON-YYYY'),

'4.5.0.0',

'Unchanged',

'esu\_dir\_hw\_dedication.sql',

'highways',

'Population of ESU direction and Highways Dedication values for 81')

**ESU Tolerance**

1. To update the ESU tolerance please run the below;

ALTER TRIGGER b\_upd\_nm\_elements DISABLE;

UPDATE nm\_elements\_all

SET ne\_group = 5

WHERE ne\_group = 0 AND ne\_nt\_type = 'ESU';

ALTER TRIGGER b\_upd\_nm\_elements ENABLE;