



**LEGEND**

**Combined Engineering Appraisal**

- Major Adverse
- Moderate Adverse
- Slight Adverse
- Neutral

| P01 | First Fix Appraisal |          |          |          |          |
|-----|---------------------|----------|----------|----------|----------|
|     | JSE                 | RO       | FM       | GW       | GH       |
|     | 10/04/18            | 18/04/18 | 18/04/18 | 18/04/18 | 18/04/18 |

| Revision | Revision details |          |          |          |            |
|----------|------------------|----------|----------|----------|------------|
|          | Created          | Checked  | Reviewed | Approved | Authorised |
|          | dd/mm/yy         | dd/mm/yy | dd/mm/yy | dd/mm/yy | dd/mm/yy   |

Designer  
 Precision House  
 McNell Drive  
 Motherwell  
 ML1 4UR



Client  
 58 Port Dundas Road  
 Glasgow  
 G4 0HF



Project Name  
**A96 Dualling: East of Huntly to Aberdeen**

Drawing Title  
**BN01 - Engineering Appraisal**  
 Sheet 2 of 2

|                               |                  |                      |
|-------------------------------|------------------|----------------------|
| Project Ref. No.<br>250002-92 | Stage<br>Stage 2 | Scale : 1:20,000 @A1 |
|                               |                  | Dimensions :         |

|                             |                      |               |
|-----------------------------|----------------------|---------------|
| Drawing Number<br>Project   | Originator           | Volume        |
| <b>A96PEA -AMAR - HGN -</b> |                      |               |
| <b>CB</b>                   | <b>-DR-CH-001002</b> |               |
| Location                    | Type                 | Role   Number |

|                   |  |                    |
|-------------------|--|--------------------|
| Suitability<br>S2 | Suitability Description<br>For Information | Revision<br>P01.01 |
|-------------------|--|--------------------|

|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**

Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Flooding and Drainage | Watercourse Crossings | Attenuation requirement | Utilities | Construction access | Temp disruption | Score | Adjusted Total | Comments  |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|-----------------------|-----------------------|-------------------------|-----------|---------------------|-----------------|-------|----------------|---|
|          |                |              |                  |                  |           |           |            |             |            |                       |                       |                         |           |                     |                 |       |                |   |
| 0        | 50             | 0            | 0                | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             |   |
| 50       | 100            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             |   |
| 100      | 150            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 150      | 200            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 200      | 250            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 250      | 300            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 300      | 350            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 350      | 400            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 400      | 450            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 450      | 500            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 500      | 550            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 550      | 600            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 600      | 650            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 650      | 700            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 700      | 750            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -1              | -1    | -1             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 750      | 800            | 0            | -2               | -2               | 0         | -1        | -2         | -3          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 800      | 850            | 0            | -2               | -2               | 0         | -1        | -2         | -3          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 850      | 900            | 0            | -2               | -2               | 0         | -1        | -2         | -3          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 900      | 950            | 0            | -2               | -2               | 0         | -1        | -2         | -3          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 950      | 1000           | 0            | -2               | -2               | 0         | -1        | -2         | -3          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk.   |
| 1000     | 1050           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1050     | 1100           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1100     | 1150           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1150     | 1200           | 0            | -1               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1200     | 1250           | 0            | -1               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1250     | 1300           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -4             |   |
| 1300     | 1350           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -4             |   |
| 1350     | 1400           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -4             |   |
| 1400     | 1450           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -4             |   |
| 1450     | 1500           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1500     | 1550           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1550     | 1600           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | 0         | 0                   | -3              | 0     | -5             |   |
| 1600     | 1650           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                     | 0                     | 0                       | -1        | -3                  | 0               | -6    | -5             | Adjusted to slight - combination of issues - geo, utilities and construction access.  |
| 1650     | 1700           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | -1        | -3                  | 0               | -5    | -5             |   |
| 1700     | 1750           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | -1        | -3                  | 0               | -5    | -5             |   |
| 1750     | 1800           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -3                  | 0               | -4    | -4             |   |
| 1800     | 1850           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 1850     | 1900           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 1900     | 1950           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 1950     | 2000           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2000     | 2050           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2050     | 2100           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2100     | 2150           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2150     | 2200           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2200     | 2250           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2250     | 2300           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2300     | 2350           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2350     | 2400           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2400     | 2450           | 0            | 0                | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2450     | 2500           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2500     | 2550           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2550     | 2600           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2600     | 2650           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2650     | 2700           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2700     | 2750           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -5    | -6             | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2750     | 2800           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2800     | 2850           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2850     | 2900           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2900     | 2950           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 2950     | 3000           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3000     | 3050           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3050     | 3100           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3100     | 3150           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3150     | 3200           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3200     | 3250           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -4    | -6             | Manual adjustment - New overbridge for local road over A9.  |
| 3250     | 3300           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3300     | 3350           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3350     | 3400           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3400     | 3450           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3450     | 3500           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3500     | 3550           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3550     | 3600           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3600     | 3650           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |
| 3650     | 3700           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                     | 0                     | 0                       | 0         | -1                  | 0               | -2    | -2             |   |

|      |      |   |    |    |   |    |    |    |   |    |    |    |    |   |    |    |   |
|------|------|---|----|----|---|----|----|----|---|----|----|----|----|---|----|----|---|
| 3700 | 3750 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 3750 | 3800 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 3800 | 3850 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 3850 | 3900 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 3900 | 3950 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 3950 | 4000 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 4000 | 4050 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | 0  | -1 | 0 | -2 | -2 |   |
| 4050 | 4100 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4100 | 4150 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4150 | 4200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4200 | 4250 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | -1 | -1 | -1 | 0 | -3 | -3 |   |
| 4250 | 4300 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4300 | 4350 | 0 | -1 | -2 | 0 | -1 | -1 | -1 | 0 | 0  | 0  | -1 | -1 | 0 | -5 | -5 |   |
| 4350 | 4400 | 0 | -1 | -2 | 0 | -1 | -1 | -1 | 0 | -2 | 0  | -1 | -1 | 0 | -6 | -6 | Watercourse crossing.                                   |
| 4400 | 4450 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4450 | 4500 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4500 | 4550 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4550 | 4600 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -3 | -1 | 0 | -6 | -6 | Scored Amber due to Utilities HP Gas pipeline crossing. |
| 4600 | 4650 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -3 | -1 | 0 | -6 | -6 | Scored Amber due to Utilities HP Gas pipeline crossing. |
| 4650 | 4700 | 0 | -1 | -2 | 0 | -1 | -1 | -1 | 0 | 0  | 0  | -1 | -1 | 0 | -4 | -4 |   |
| 4700 | 4750 | 0 | -1 | -2 | 0 | -1 | -1 | -1 | 0 | 0  | 0  | -1 | -1 | 0 | -5 | -5 |   |
| 4750 | 4800 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | -1 | -1 | -1 | 0 | -3 | -3 |   |
| 4800 | 4850 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 4850 | 4900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 4900 | 4950 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 4950 | 5000 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -5 | -5 |   |
| 5000 | 5050 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -5 | -5 |   |
| 5050 | 5100 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -5 | -5 |   |
| 5100 | 5150 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -5 | -5 |   |
| 5150 | 5200 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 5200 | 5250 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 5250 | 5300 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5300 | 5350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | -1 | -1 | -1 | 0 | -3 | -3 |   |
| 5350 | 5400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5400 | 5450 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5450 | 5500 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5500 | 5550 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5550 | 5600 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5600 | 5650 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5650 | 5700 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5700 | 5750 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5750 | 5800 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5800 | 5850 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 5850 | 5900 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 5900 | 5950 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 5950 | 6000 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 6000 | 6050 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 6050 | 6100 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -3 | -3 |   |
| 6100 | 6150 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -5 | -5 |   |
| 6150 | 6200 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -5 | -5 |   |
| 6200 | 6250 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -4 | -4 |   |
| 6250 | 6300 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6300 | 6350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6350 | 6400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6400 | 6450 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6450 | 6500 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6500 | 6550 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6550 | 6600 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6600 | 6650 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6650 | 6700 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6700 | 6750 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6750 | 6800 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6800 | 6850 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6850 | 6900 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6900 | 6950 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 6950 | 7000 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7000 | 7050 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -2 | -1 | 0 | -4 | -4 |   |
| 7050 | 7100 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7100 | 7150 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7150 | 7200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7200 | 7250 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7250 | 7300 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7300 | 7350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7350 | 7400 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7400 | 7450 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7450 | 7500 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7500 | 7550 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7550 | 7600 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7600 | 7650 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7650 | 7700 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7700 | 7750 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7750 | 7800 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7800 | 7850 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7850 | 7900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7900 | 7950 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 7950 | 8000 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8000 | 8050 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8050 | 8100 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8100 | 8150 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8150 | 8200 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8200 | 8250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8250 | 8300 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8300 | 8350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8350 | 8400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8400 | 8450 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8450 | 8500 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8500 | 8550 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8550 | 8600 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8600 | 8650 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8650 | 8700 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8700 | 8750 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8750 | 8800 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8800 | 8850 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8850 | 8900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8900 | 8950 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 8950 | 9000 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0  | 0  | -1 | -1 | 0 | -2 | -2 |   |
| 9000 | 9050 | 0 | -  |    |   |    |    |    |   |    |    |    |    |   |    |    |   |

|       |       |   |    |    |   |    |    |    |   |   |   |   |   |   |   |   |   |    |   |    |    |   |
|-------|-------|---|----|----|---|----|----|----|---|---|---|---|---|---|---|---|---|----|---|----|----|---|
| 9250  | 9300  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9300  | 9350  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9350  | 9400  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | -2 | -2 |   |
| 9400  | 9450  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9450  | 9500  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9500  | 9550  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9550  | 9600  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9600  | 9650  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9650  | 9700  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9700  | 9750  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9750  | 9800  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9800  | 9850  | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9850  | 9900  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9900  | 9950  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 9950  | 10000 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10000 | 10050 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10050 | 10100 | 0 | -2 | -2 | 0 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10100 | 10150 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10150 | 10200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10200 | 10250 | 0 | -1 | -2 | 0 | -1 | 0  | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 | Manual Adjustment - New overbridge for Farm road over A96. This could be combined with Local road overbridge at 0m/0500m. |
| 10250 | 10300 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10300 | 10350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10350 | 10400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10400 | 10450 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10450 | 10500 | 0 | -1 | -2 | 0 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |   |
| 10500 | 10550 | 0 | -2 | -2 | 0 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -6 | -6 | Bridge over A96 for local road.   |
| 10550 | 10600 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |   |
| 10600 | 10650 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10650 | 10700 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10700 | 10750 | 0 | -2 | -2 | 0 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10750 | 10800 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10800 | 10850 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 10850 | 10900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10900 | 10950 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 10950 | 11000 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11000 | 11050 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11050 | 11100 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11100 | 11150 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11150 | 11200 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11200 | 11250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11250 | 11300 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11300 | 11350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11350 | 11400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11400 | 11450 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11450 | 11500 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 11500 | 11550 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11550 | 11600 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11600 | 11650 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11650 | 11700 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11700 | 11750 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11750 | 11800 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11800 | 11850 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11850 | 11900 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11900 | 11950 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 11950 | 12000 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 12000 | 12050 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 12050 | 12100 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 12100 | 12150 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 12150 | 12200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 12200 | 12250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |   |
| 12250 | 12300 | 0 | -1 | -2 | 0 | -1 | 0  | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 | Manual Adjustment - New overbridge for local road over A96.   |
| 12300 | 12350 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 12350 | 12400 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |   |
| 12400 | 12450 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12450 | 12500 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12500 | 12550 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12550 | 12600 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12600 | 12650 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12650 | 12700 | 0 | -2 | -2 | 0 | -1 | -1 | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -7 | -7 | New overbridge for Local road over A96.   |
| 12700 | 12750 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12750 | 12800 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -5 | -5 |   |
| 12800 | 12850 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 12850 | 12900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 12900 | 12950 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 12950 | 13000 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13000 | 13050 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13050 | 13100 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13100 | 13150 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13150 | 13200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13200 | 13250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13250 | 13300 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13300 | 13350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -4 | -4 |   |
| 13350 | 13400 | 0 | -1 | -2 | 0 | -1 | -2 | -3 | 0 | 0 | 0 | 0 |   |   |   |   |   |    |   |    |    |   |

|       |       |   |    |    |   |    |    |    |   |   |    |   |   |   |    |    |    |  |
|-------|-------|---|----|----|---|----|----|----|---|---|----|---|---|---|----|----|----|--|
| 14650 | 14700 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14700 | 14750 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14750 | 14800 | 0 | 0  | -2 | 0 | -1 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -5 | -6 | Manual Adjustment - Tie in with the existing 406 and 4087. Details unknown but likely to be underbridges required. |
| 14800 | 14850 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14850 | 14900 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14900 | 14950 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14950 | 15000 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | -1 | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 15000 | 15050 |   |    |    |   |    |    |    |   |   |    |   |   |   |    |    |    |  |
| 15050 | 15100 |   |    |    |   |    |    |    |   |   |    |   |   |   |    |    |    |  |

|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
**Total Score**  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Flood and Drainage | Utilities | Construction access | Temp disruption | Score | Adjusted | Comments |   |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|--------------------|-----------|---------------------|-----------------|-------|----------|----------|---|
|          |                |              |                  |                  |           |           |            |             |            |                    |           |                     |                 |       | Total    |          |   |
| 0        | 50             | 0            | 0                | 0                | 0         | 0         | -2         | 0           | -1         | 0                  | 0         | 0                   | -1              | -2    | -2       |          |   |
| 50       | 100            | 0            | -1               | 0                | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -1    | -2       |          |   |
| 100      | 150            | 0            | -1               | 0                | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -2    | -2       |          |   |
| 150      | 200            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -2    | -2       |          |   |
| 200      | 250            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -1    | -1       |          |   |
| 250      | 300            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -1    | -1       |          |   |
| 300      | 350            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -1    | -1       |          |   |
| 350      | 400            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | -2    | -2       |          |   |
| 400      | 450            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | -1              | -2    | -2       |          |   |
| 450      | 500            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | -3                  | 0               | -1    | -7       | -7       | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 500      | 550            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 550      | 600            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 600      | 650            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 650      | 700            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 700      | 750            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 750      | 800            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 800      | 850            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 850      | 900            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 900      | 950            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 950      | 1000           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 1000     | 1050           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 1050     | 1100           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 1100     | 1150           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 1150     | 1200           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        |   |
| 1200     | 1250           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1250     | 1300           | 0            | -1               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1300     | 1350           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1350     | 1400           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1400     | 1450           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1450     | 1500           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1500     | 1550           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1550     | 1600           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1600     | 1650           | 0            | -1               | 0                | 0         | -2        | -1         | -2          | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | New Overpass for Farm road over AB6.  |
| 1650     | 1700           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1700     | 1750           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 1750     | 1800           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1800     | 1850           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1850     | 1900           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1900     | 1950           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | -1                  | -1              | 0     | 0        | 0        | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1950     | 2000           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2000     | 2050           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2050     | 2100           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2100     | 2150           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2150     | 2200           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2200     | 2250           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2250     | 2300           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2300     | 2350           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2350     | 2400           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2400     | 2450           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2450     | 2500           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 2500     | 2550           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2550     | 2600           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2600     | 2650           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2650     | 2700           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2700     | 2750           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2750     | 2800           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2800     | 2850           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2850     | 2900           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2900     | 2950           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 2950     | 3000           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 3000     | 3050           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manually adjusted to red for New underbridge over BR901 and Floodplain, total length approx. 500m.    |
| 3050     | 3100           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3100     | 3150           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3150     | 3200           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3200     | 3250           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3250     | 3300           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3300     | 3350           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3350     | 3400           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3400     | 3450           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3450     | 3500           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3500     | 3550           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3550     | 3600           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3600     | 3650           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        | Manual adjustment - New overbridge for Farm road over AB6.  |
| 3650     | 3700           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3700     | 3750           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3750     | 3800           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3800     | 3850           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3850     | 3900           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3900     | 3950           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 3950     | 4000           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 4000     | 4050           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |
| 4050     | 4100           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                   | 0               | 0     | 0        | 0        |   |



|       |       |   |    |   |   |    |    |    |    |   |   |   |    |    |    |     |     |  |
|-------|-------|---|----|---|---|----|----|----|----|---|---|---|----|----|----|-----|-----|--|
| 9450  | 9500  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9500  | 9550  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9550  | 9600  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9600  | 9650  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9650  | 9700  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9700  | 9750  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9750  | 9800  | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 9800  | 9850  | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 9850  | 9900  | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 9900  | 9950  | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 9950  | 10000 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0  | -4  | -4  |  |
| 10000 | 10050 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 10050 | 10100 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 10100 | 10150 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 10150 | 10200 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 10200 | 10250 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 10250 | 10300 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 10300 | 10350 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10350 | 10400 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10400 | 10450 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10450 | 10500 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10500 | 10550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10550 | 10600 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10600 | 10650 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10650 | 10700 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10700 | 10750 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -1  | -1  |  |
| 10750 | 10800 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10800 | 10850 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10850 | 10900 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -1  | -1  |  |
| 10900 | 10950 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 10950 | 11000 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11000 | 11050 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11050 | 11100 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11100 | 11150 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11150 | 11200 | 0 | 0  | 0 | 0 | -2 | 0  | -2 | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  | Manual adjustment - New overbridge for Local road over A96.  |
| 11200 | 11250 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0  | -3  | -3  |  |
| 11250 | 11300 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0  | -4  | -4  |  |
| 11300 | 11350 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0  | -3  | -3  |  |
| 11350 | 11400 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0  | -3  | -3  |  |
| 11400 | 11450 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11450 | 11500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11500 | 11550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11550 | 11600 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11600 | 11650 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11650 | 11700 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -1  | -1  |  |
| 11700 | 11750 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -1  | -1  |  |
| 11750 | 11800 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11800 | 11850 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11850 | 11900 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11900 | 11950 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 11950 | 12000 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12000 | 12050 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12050 | 12100 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12100 | 12150 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12150 | 12200 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12200 | 12250 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12250 | 12300 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12300 | 12350 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -1  | -1  |  |
| 12350 | 12400 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12400 | 12450 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12450 | 12500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12500 | 12550 | 0 | -1 | 0 | 0 | -2 | 0  | -2 | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -4  | -4  | Manual adjustment - New overbridge for Farm road over A96. This could be combined with Local road overbridge at ch12750m.  |
| 12550 | 12600 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | 0  | -1 | -1  |     |  |
| 12600 | 12650 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -1  | -1  |  |
| 12650 | 12700 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12700 | 12750 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -2  | -2  |  |
| 12750 | 12800 | 0 | -1 | 0 | 0 | -2 | 0  | -2 | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -4  | -4  | Manual adjustment - New overbridge for Local road over A96.  |
| 12800 | 12850 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 12850 | 12900 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 12900 | 12950 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 12950 | 13000 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0  | -3  | -3  |  |
| 13000 | 13050 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -5  | -5  |  |
| 13050 | 13100 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -5  | -5  |  |
| 13100 | 13150 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -5  | -5  |  |
| 13150 | 13200 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -5  | -5  |  |
| 13200 | 13250 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -5  | -5  |  |
| 13250 | 13300 | 0 | -2 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13300 | 13350 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13350 | 13400 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13400 | 13450 | 0 | -1 | 0 | 0 | -2 | 0  | -2 | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -6  | -6  | New overbridge for Farm road over A96. This could be combined with Local road overbridge at ch12750m.  |
| 13450 | 13500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13500 | 13550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13550 | 13600 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13600 | 13650 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -4  | -4  |  |
| 13650 | 13700 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -3  | -3  |  |
| 13700 | 13750 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -3  | -3  |  |
| 13750 | 13800 | 0 | -1 | 0 | 0 | -2 | 0  | -3 | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -7  | -7  | Manually Adjusted to reflect structures appraisal - moderate to major - New Viaduct Crossing River Don, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 13800 | 13850 | 0 | -1 | 0 | 0 | -2 | -2 | -3 | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -9  | -9  | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 13850 | 13900 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | 0  | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 13900 | 13950 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 13950 | 14000 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 14000 | 14050 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 14050 | 14100 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 14100 | 14150 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 14150 | 14200 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line.   |
| 14200 | 14250 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 |     |  |



|       |       |   |    |   |   |    |    |    |    |   |   |    |    |    |     |     |  |
|-------|-------|---|----|---|---|----|----|----|----|---|---|----|----|----|-----|-----|--|
| 14450 | 14500 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14500 | 14550 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14550 | 14600 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -12 | -12 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14600 | 14650 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14650 | 14700 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14700 | 14750 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14750 | 14800 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14800 | 14850 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | 0  | -1 | -7  | -9  | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14850 | 14900 | 0 | -1 | 0 | 0 | -2 | 0  | -3 | 0  | 0 | 0 | 0  | 0  | -1 | -5  | -9  | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |
| 14900 | 14950 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |
| 14950 | 15000 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |
| 15000 | 15050 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -3  |  |
| 15050 | 15100 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  |  |
| 15100 | 15150 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  |  |
| 15150 | 15200 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  |  |
| 15200 | 15250 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  |  |
| 15250 | 15300 | 0 | 0  | 0 | 0 | -2 | -1 | -2 | 0  | 0 | 0 | 0  | 0  | -1 | -4  | -6  | Manual Adjustment - Tie in with the existing A96 and B987. Details unknown but likely to be underbridges required.   |
| 15300 | 15350 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |
| 15350 | 15400 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |
| 15400 | 15450 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |
| 15450 | 15500 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |
| 15500 | 15550 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | -1 | -3  | -3  |  |
| 15550 | 15600 |   |    |   |   |    |    |    |    |   |   |    |    |    |     |     |  |
| 15600 | 15650 |   |    |   |   |    |    |    |    |   |   |    |    |    |     |     |  |



|      |      |    |    |    |    |   |    |    |    |   |   |    |    |   |    |    |  |
|------|------|----|----|----|----|---|----|----|----|---|---|----|----|---|----|----|--|
| 4200 | 4250 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.  |
| 4250 | 4300 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.  |
| 4300 | 4350 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | -1 | 0  | 0 | 0  | 0  | Structure over floodplain & peat ground conditions.  |
| 4350 | 4400 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.  |
| 4400 | 4450 | -2 | 0  | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.  |
| 4450 | 4500 | -2 | 0  | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.  |
| 4500 | 4550 | -2 | 0  | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | 0  | 0  | Structure over floodplain & peat ground conditions.  |
| 4550 | 4600 | -2 | -1 | -2 | -2 | 0 | -1 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | 0  | 0  | Structure over floodplain & peat ground conditions.  |
| 4600 | 4650 | -2 | -1 | -2 | -2 | 0 | 0  | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -6 | Manual adjustment - Structure over floodplain & peat ground conditions.                                |
| 4650 | 4700 | -2 | -1 | -2 | -2 | 0 | 0  | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -6 | Manual adjustment - Structure over floodplain & peat ground conditions.                                |
| 4700 | 4750 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |  |
| 4750 | 4800 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |  |
| 4800 | 4850 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |  |
| 4850 | 4900 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |  |
| 4900 | 4950 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |  |
| 4950 | 5000 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |  |
| 5000 | 5050 | -2 | -2 | -2 | -2 | 0 | -1 | 2  | 0  | 0 | 0 | -1 | -1 | 0 | -7 | -7 | Level differences - Structure over local road and construction access restricted.                      |
| 5050 | 5100 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -5 | -5 |  |
| 5100 | 5150 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -5 | -5 |  |
| 5150 | 5200 | -2 | -2 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -4 | -4 |  |
| 5200 | 5250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -3 | -3 |  |
| 5250 | 5300 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -2 | -2 |  |
| 5300 | 5350 | -2 | -1 | -2 | -2 | 0 | 2  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 5350 | 5400 | -2 | -1 | -2 | -2 | 0 | 2  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 5400 | 5450 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -3 | -3 |  |
| 5450 | 5500 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -3 | -3 |  |
| 5500 | 5550 | -2 | 0  | -2 | -2 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Floodplain at Lochter Burn and construction access.  |
| 5550 | 5600 | -2 | 0  | -2 | -2 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Floodplain at Lochter Burn and construction access.  |
| 5600 | 5650 | -2 | 0  | -2 | -2 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Floodplain at Lochter Burn and construction access.  |
| 5650 | 5700 | -2 | 0  | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |  |
| 5700 | 5750 | -2 | 0  | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |  |
| 5750 | 5800 | -2 | 0  | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 3  | -1 | 0 | 0  | 0  | Closing of 150mm National Grid Pipeline. Proposed Road Level is between 0 and 5m higher than existing. |
| 5800 | 5850 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -3 | -1 | 0 | 0  | 0  |  |
| 5850 | 5900 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |  |
| 5900 | 5950 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |  |
| 5950 | 6000 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |  |
| 6000 | 6050 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |  |
| 6050 | 6100 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |  |
| 6100 | 6150 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |  |
| 6150 | 6200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -3 | -3 |  |
| 6200 | 6250 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 1  | -1 | 0 | 3  | -3 |  |
| 6250 | 6300 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6300 | 6350 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6350 | 6400 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6400 | 6450 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6450 | 6500 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6500 | 6550 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6550 | 6600 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6600 | 6650 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6650 | 6700 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6700 | 6750 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6750 | 6800 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6800 | 6850 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6850 | 6900 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6900 | 6950 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 6950 | 7000 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7000 | 7050 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7050 | 7100 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7100 | 7150 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |  |
| 7150 | 7200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7200 | 7250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7250 | 7300 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7300 | 7350 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7350 | 7400 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7400 | 7450 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7450 | 7500 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7500 | 7550 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7550 | 7600 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 7600 | 7650 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 | Manual adjustment - New Overpass for local road over A96.  |
| 7650 | 7700 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 7700 | 7750 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 7750 | 7800 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 7800 | 7850 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 | New Overpass for local road over A96.  |
| 7850 | 7900 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 7900 | 7950 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 7950 | 8000 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8000 | 8050 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8050 | 8100 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 2  | -1 | 0 | -4 | -4 |  |
| 8100 | 8150 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 2  | -1 | 0 | -4 | -4 |  |
| 8150 | 8200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 8200 | 8250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 8250 | 8300 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8300 | 8350 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8350 | 8400 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8400 | 8450 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 | Wind turbine.  |
| 8450 | 8500 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8500 | 8550 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8550 | 8600 | -2 | -2 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -3 | -3 |  |
| 8600 | 8650 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 8650 | 8700 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 8700 | 8750 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 2  | -1 | 0 | -4 | -4 |  |
| 8750 | 8800 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8800 | 8850 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |  |
| 8850 | 8900 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.   |
| 8900 | 8950 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.   |
| 8950 | 9000 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.   |
| 9000 | 9050 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.   |
| 9050 | 9100 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.   |
| 9100 | 9150 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 9150 | 9200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 9200 | 9250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 9250 | 9300 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |
| 9300 | 9350 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |  |







|      |      |    |    |   |    |   |    |    |    |   |   |    |    |   |    |    |   |
|------|------|----|----|---|----|---|----|----|----|---|---|----|----|---|----|----|---|
| 4000 | 4050 | -1 | -1 | 0 | -1 | 0 | 0  | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 4050 | 4100 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4100 | 4150 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4150 | 4200 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4200 | 4250 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4250 | 4300 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4300 | 4350 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4350 | 4400 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4400 | 4450 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4450 | 4500 | -1 | -1 | 0 | -1 | 0 | 0  | 2  | 0  | 0 | 0 | -1 | -1 | 0 | -5 | -6 | Vertical adjustment - New overbridge for Local road over A95.   |
| 4500 | 4550 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4550 | 4600 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4600 | 4650 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4650 | 4700 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4700 | 4750 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4750 | 4800 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4800 | 4850 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4850 | 4900 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4900 | 4950 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4950 | 5000 | -1 | -1 | 0 | -1 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | New Viaduct over floodplain, total length approx. 150m. Lochter Burn.                                     |
| 5000 | 5050 | -1 | -1 | 0 | -1 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | New Viaduct over floodplain, total length approx. 150m. Lochter Burn.                                     |
| 5050 | 5100 | -1 | -1 | 0 | -1 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | New Viaduct over floodplain, total length approx. 150m. Lochter Burn.                                     |
| 5100 | 5150 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5150 | 5200 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | -1 | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5200 | 5250 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -6 | -6 | Crossing of 1000mm National Grid Pipeline. Proposed Road Levels is between 1 and 2m higher than existing. |
| 5250 | 5300 | -1 | 0  | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -5 | -6 | Crossing of 1000mm National Grid Pipeline. Adjusted for consistent appraisal of this crossing.            |
| 5300 | 5350 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5350 | 5400 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5400 | 5450 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5450 | 5500 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5500 | 5550 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5550 | 5600 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5600 | 5650 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5650 | 5700 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5700 | 5750 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5750 | 5800 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 5800 | 5850 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 5850 | 5900 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 5900 | 5950 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 5950 | 6000 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6000 | 6050 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 6050 | 6100 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6100 | 6150 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 6150 | 6200 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 6200 | 6250 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6250 | 6300 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6300 | 6350 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6350 | 6400 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6400 | 6450 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6450 | 6500 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0 | -1 | -1 |   |
| 6500 | 6550 |    |    |   |    |   |    |    |    |   |   |    |    |   |    |    |   |
| 6550 | 6600 |    |    |   |    |   |    |    |    |   |   |    |    |   |    |    |   |

|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Flooding and Drainage | Watercourse Crossings | Flood Plain | Attenuation requirement | Utilities | Construction access | Temp disruption | Score | Adjusted Total | Comments  |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|-----------------------|-----------------------|-------------|-------------------------|-----------|---------------------|-----------------|-------|----------------|---|
|          |                |              |                  |                  |           |           |            |             |            |                       |                       |             |                         |           |                     |                 |       |                |   |
|          | 0              | 50           | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 50             | 100          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 100            | 150          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 150            | 200          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 200            | 250          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 250            | 300          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 300            | 350          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manual Adjustment - Crossing of 900mm National Grid pipeline. Proposed Road level at this point is between 4 and 6m lower than existing. Vertical alignment to be reconsidered. |
|          | 350            | 400          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manual Adjustment - Crossing of 900mm National Grid pipeline. Proposed Road level at this point is between 4 and 6m lower than existing. Vertical alignment to be reconsidered. |
|          | 400            | 450          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 450            | 500          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 500            | 550          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 550            | 600          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 600            | 650          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 650            | 700          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 700            | 750          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 750            | 800          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 800            | 850          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 850            | 900          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 900            | 950          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 950            | 1000         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1000           | 1050         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1050           | 1100         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1100           | 1150         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1150           | 1200         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1200           | 1250         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1250           | 1300         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1300           | 1350         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1350           | 1400         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1400           | 1450         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1450           | 1500         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1500           | 1550         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1550           | 1600         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1600           | 1650         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1650           | 1700         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1700           | 1750         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1750           | 1800         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -3             |   |
|          | 1800           | 1850         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -3             | New overbridge for Local road over A86.   |
|          | 1850           | 1900         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -3             |   |
|          | 1900           | 1950         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -3             |   |
|          | 1950           | 2000         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -1    | -3             |   |
|          | 2000           | 2050         | -1               | -2               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -3             |   |
|          | 2050           | 2100         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2100           | 2150         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2150           | 2200         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2200           | 2250         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2250           | 2300         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2300           | 2350         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2350           | 2400         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2400           | 2450         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2450           | 2500         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2500           | 2550         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2550           | 2600         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -3             |   |
|          | 2600           | 2650         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -4             |   |
|          | 2650           | 2700         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -4             |   |
|          | 2700           | 2750         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -5             |   |
|          | 2750           | 2800         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -5             |   |
|          | 2800           | 2850         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2850           | 2900         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2900           | 2950         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2950           | 3000         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3000           | 3050         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3050           | 3100         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -4             |   |
|          | 3100           | 3150         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3150           | 3200         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3200           | 3250         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3250           | 3300         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3300           | 3350         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3350           | 3400         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3400           | 3450         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3450           | 3500         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3500           | 3550         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3550           | 3600         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3600           | 3650         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3650           | 3700         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3700           | 3750         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0                     | 0           | 0                       | 0         | 0                   | 0               | -3    | -3             |   |





|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Alignment        |           |           |            | Geotechnics | Structures | Flooding and Drainage | Utilities | Constructability | Score | Adjusted Total | Comments   |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|-----------------------|-----------|------------------|-------|----------------|--|
|          |                |              |                  | Level Difference | Bendiness | Hilliness | Earthworks |             |            |                       |           |                  |       |                |  |
| 0        | 50             |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | Tie in with the existing A96. Details unknown but likely to be underbridges required.                      |
| 50       | 100            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 100      | 150            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 150      | 200            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 200      | 250            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 250      | 300            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 300      | 350            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 350      | 400            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 400      | 450            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 450      | 500            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 500      | 550            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 550      | 600            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 600      | 650            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 650      | 700            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 700      | 750            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 750      | 800            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 800      | 850            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 850      | 900            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 900      | 950            |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 950      | 1000           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1000     | 1050           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1050     | 1100           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1100     | 1150           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | New Viaduct over River Lirie and floodplain, total length approx. 120m.                                    |
| 1150     | 1200           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | New Viaduct over River Lirie and floodplain, total length approx. 120m.                                    |
| 1200     | 1250           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | New Viaduct over River Lirie and floodplain, total length approx. 120m.                                    |
| 1250     | 1300           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1300     | 1350           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1350     | 1400           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1400     | 1450           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1450     | 1500           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1500     | 1550           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1550     | 1600           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1600     | 1650           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1650     | 1700           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1700     | 1750           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1750     | 1800           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1800     | 1850           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1850     | 1900           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1900     | 1950           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 1950     | 2000           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2000     | 2050           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2050     | 2100           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2100     | 2150           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | New overbridge for Local road over A96.  |
| 2150     | 2200           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | 275kV Crossing - Proposed road level lower than existing.  |
| 2200     | 2250           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | 275kV Crossing - Proposed road level lower than existing.  |
| 2250     | 2300           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2300     | 2350           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2350     | 2400           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2400     | 2450           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2450     | 2500           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2500     | 2550           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2550     | 2600           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2600     | 2650           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2650     | 2700           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2700     | 2750           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2750     | 2800           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2800     | 2850           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2850     | 2900           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 2900     | 2950           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | Telecommunications Mast within 100m of alignment at this location - Verified by Google Maps.               |
| 2950     | 3000           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3000     | 3050           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3050     | 3100           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3100     | 3150           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3150     | 3200           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3200     | 3250           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | 275kV Crossing - Proposed road level lower than existing.  |
| 3250     | 3300           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3300     | 3350           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3350     | 3400           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3400     | 3450           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3450     | 3500           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3500     | 3550           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3550     | 3600           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3600     | 3650           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3650     | 3700           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3700     | 3750           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3750     | 3800           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 3800     | 3850           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | Amended to slight to reflect influence of alignment wide criteria and slight geo / structural issues only. |
| 3850     | 3900           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | Amended to slight to reflect influence of alignment wide criteria and slight geo / structural issues only. |
| 3900     | 3950           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              | Amended to slight to reflect influence of alignment wide criteria and slight geo / structural issues only. |
| 3950     | 4000           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 4000     | 4050           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 4050     | 4100           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 4100     | 4150           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |
| 4150     | 4200           |              |                  | 0                | 0         | 0         | 0          | 0           | 0          | 0                     | 0         | 0                | 0     | 0              |  |







|       |       |    |    |    |    |    |    |    |    |   |   |    |    |    |     |     |    |    |
|-------|-------|----|----|----|----|----|----|----|----|---|---|----|----|----|-----|-----|----|----|
| 19950 | 20000 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | 0  | -1  | 0   | -4 | -4 |
| 20000 | 20050 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | 0  | -1  | 0   | -4 | -4 |
| 20050 | 20100 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | 0  | -1  | 0   | -4 | -4 |
| 20100 | 20150 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20150 | 20200 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20200 | 20250 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20250 | 20300 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20300 | 20350 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20350 | 20400 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20400 | 20450 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20450 | 20500 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20500 | 20550 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20550 | 20600 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20600 | 20650 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20650 | 20700 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2 |    |
| 20700 | 20750 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20750 | 20800 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20800 | 20850 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20850 | 20900 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20900 | 20950 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 20950 | 21000 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3 |    |
| 21000 | 21050 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21050 | 21100 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21100 | 21150 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21150 | 21200 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21200 | 21250 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21250 | 21300 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21300 | 21350 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21350 | 21400 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21400 | 21450 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21450 | 21500 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21500 | 21550 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21550 | 21600 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21600 | 21650 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21650 | 21700 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 21700 | 21750 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21750 | 21800 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21800 | 21850 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21850 | 21900 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21900 | 21950 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 21950 | 22000 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 22000 | 22050 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 22050 | 22100 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 22100 | 22150 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4 |    |
| 22150 | 22200 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 22200 | 22250 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5 |    |
| 22250 | 22300 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -1 | -3 | 0  | -11 | -11 |    |    |
| 22300 | 22350 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 |    |    |
| 22350 | 22400 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 |    |    |
| 22400 | 22450 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 |    |    |
| 22450 | 22500 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22500 | 22550 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22550 | 22600 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22600 | 22650 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22650 | 22700 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22700 | 22750 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22750 | 22800 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | -2 | -3 | 0  | -12 | -12 |    |    |
| 22800 | 22850 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 |    |    |
| 22850 | 22900 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 |    |    |
| 22900 | 22950 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | 0  | -3 | 0   | -9  | -9 |    |
| 22950 | 23000 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | 0  | -1 | -7  | -9  |    |    |
| 23000 | 23050 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | 0  | -1 | -7  | -9  |    |    |
| 23050 | 23100 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0 | 0 | 0  | 0  | -1 | -7  | -9  |    |    |
| 23100 | 23150 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -3  | -3  |    |    |
| 23150 | 23200 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -3  | -3  |    |    |
| 23200 | 23250 | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -4  | -4  |    |    |
| 23250 | 23300 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -3  | -3  |    |    |
| 23300 | 23350 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -3  | -3  |    |    |
| 23350 | 23400 | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -3  | -3  |    |    |
| 23400 | 23450 | -3 | 0  | -2 | -1 | -1 | -1 | -2 | 0  | 0 | 0 | 0  | 0  | -1 | -5  | -6  |    |    |
| 23450 | 23500 | -3 | 0  | -2 | -1 | -1 | -1 | -2 | 0  | 0 | 0 | 0  | 0  | -1 | -4  | -4  |    |    |
| 23500 | 23550 | -3 | 0  | -2 | -1 | -1 | -1 | -2 | 0  | 0 | 0 | 0  | 0  | -1 | -4  | -4  |    |    |

New Viaduct crossing River Don over full length, associated floodplain, pipelines and the Railway, Total length 700m, potential large single spans over the Don watercourse and the railway line. Combined with 900mm National Grid Pipeline in edge of corridor - 5.9m higher than existing. Limited construction access.

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Manual adjustment - Tie in with the existing A96 and B967. Details unknown but likely to be underbridge required.

|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) +Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Structures | Flooding and Drainage | Watercourse Crossings | Attenuation requirement | Utilities | Construction access | Temp disruption | Score | Adjusted Total | Comments  |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|------------|-----------------------|-----------------------|-------------------------|-----------|---------------------|-----------------|-------|----------------|---|
|          |                |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 0        | 50             |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 50       | 100            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 100      | 150            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 150      | 200            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 200      | 250            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 250      | 300            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 300      | 350            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 350      | 400            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 400      | 450            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 450      | 500            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 500      | 550            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 550      | 600            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 600      | 650            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 650      | 700            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 700      | 750            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 750      | 800            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 800      | 850            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 850      | 900            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 900      | 950            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 950      | 1000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1000     | 1050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1050     | 1100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1100     | 1150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1150     | 1200           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1200     | 1250           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1250     | 1300           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1300     | 1350           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1350     | 1400           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1400     | 1450           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1450     | 1500           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1500     | 1550           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1550     | 1600           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1600     | 1650           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1650     | 1700           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1700     | 1750           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1750     | 1800           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1800     | 1850           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1850     | 1900           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1900     | 1950           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1950     | 2000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2000     | 2050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2050     | 2100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2100     | 2150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2150     | 2200           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2200     | 2250           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2250     | 2300           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2300     | 2350           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2350     | 2400           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2400     | 2450           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2450     | 2500           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2500     | 2550           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2550     | 2600           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2600     | 2650           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2650     | 2700           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2700     | 2750           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2750     | 2800           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2800     | 2850           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2850     | 2900           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2900     | 2950           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2950     | 3000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3000     | 3050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3050     | 3100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3100     | 3150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3150     | 3200           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3200     | 3250           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3250     | 3300           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3300     | 3350           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3350     | 3400           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3400     | 3450           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3450     | 3500           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3500     | 3550           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3550     | 3600           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3600     | 3650           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3650     | 3700           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3700     | 3750           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3750     | 3800           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3800     | 3850           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3850     | 3900           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3900     | 3950           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3950     | 4000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 4000     | 4050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 4050     | 4100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 4100     | 4150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |

|      |      |    |    |    |   |   |    |   |   |   |   |   |   |   |   |    |   |    |    |
|------|------|----|----|----|---|---|----|---|---|---|---|---|---|---|---|----|---|----|----|
| 4150 | 4200 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4200 | 4250 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4250 | 4300 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4300 | 4350 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4350 | 4400 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4400 | 4450 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4450 | 4500 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4500 | 4550 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4550 | 4600 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4600 | 4650 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4650 | 4700 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4700 | 4750 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4750 | 4800 | -3 | -2 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4800 | 4850 | -2 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4850 | 4900 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4900 | 4950 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4950 | 5000 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5000 | 5050 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5050 | 5100 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5100 | 5150 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5150 | 5200 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5200 | 5250 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5250 | 5300 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5300 | 5350 |    |    |    |   |   |    |   |   |   |   |   |   |   |   |    |   |    |    |



|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**

Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Flood and Drainage | Utilities | Constructability | Score | Adjusted Total | Comments  |   |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|--------------------|-----------|------------------|-------|----------------|---|---|
|          |                |              |                  |                  |           |           |            |             |            |                    |           |                  |       |                |   | Attenuation requirement   |
| 0        | 50             | 0            | 0                | 0                | -2        | 0         | -1         | -1          | -1         | 0                  | 0         | 0                | -1    | -4             |   |   |
| 50       | 100            | 0            | 0                | 0                | -2        | 0         | -1         | -1          | -1         | 0                  | 0         | 0                | -1    | -4             |   |   |
| 100      | 150            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | -1         | 0                  | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 150      | 200            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 200      | 250            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 250      | 300            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 300      | 350            | 0            | 0                | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 350      | 400            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 400      | 450            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 450      | 500            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 500      | 550            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -1    | -7             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 550      | 600            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -3    | -9             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 600      | 650            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -3    | -9             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 650      | 700            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -3    | -9             | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 700      | 750            | 0            | -1               | -2               | 0         | -1        | -1         | -1          | -1         | -3                 | 0         | 0                | -3    | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 750      | 800            | 0            | -2               | -2               | 0         | -1        | -2         | -1          | -1         | -3                 | 0         | 0                | -3    | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 800      | 850            | 0            | -2               | -2               | 0         | -1        | -2         | -1          | -1         | -3                 | 0         | 0                | -3    | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 850      | 900            | 0            | -2               | -2               | 0         | -1        | -2         | -1          | -1         | -3                 | 0         | 0                | -3    | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 900      | 950            | 0            | -2               | -2               | 0         | -1        | -2         | -1          | -1         | -3                 | 0         | 0                | -3    | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 950      | 1000           | 0            | -2               | -2               | 0         | -1        | -2         | -1          | -1         | -3                 | 0         | 0                | -3    | -10            | Manual adjustment - structure over Urk, flood plain and constructability issues at River Urk. |   |
| 1000     | 1050           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1050     | 1100           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1100     | 1150           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1150     | 1200           | 0            | -1               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1200     | 1250           | 0            | -1               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1250     | 1300           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | -4             |   |   |
| 1300     | 1350           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | -4             |   |   |
| 1350     | 1400           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | -4             |   |   |
| 1400     | 1450           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | -4             |   |   |
| 1450     | 1500           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1500     | 1550           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1550     | 1600           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | -5             |   |   |
| 1600     | 1650           | 0            | -2               | -2               | 0         | -1        | -1         | 0           | 0          | 0                  | 0         | -1               | -3    | -6             | Adjusted to slight - combination of issues - geo, utilities and construction access.          |   |
| 1650     | 1700           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | -1        | -3               | -3    | -5             |   |   |
| 1700     | 1750           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | -1               | -3    | -5             |   |   |
| 1750     | 1800           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | -4             |   |   |
| 1800     | 1850           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 1850     | 1900           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 1900     | 1950           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 1950     | 2000           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2000     | 2050           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2050     | 2100           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2100     | 2150           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2150     | 2200           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2200     | 2250           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2250     | 2300           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2300     | 2350           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2350     | 2400           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2400     | 2450           | 0            | 0                | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2450     | 2500           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2500     | 2550           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2550     | 2600           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2600     | 2650           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2650     | 2700           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2700     | 2750           | 0            | -1               | -2               | 0         | -1        | 0          | 2           | -3         | 0                  | 0         | 0                | -1    | 0              | -5  | Manual Adjustment - due to level difference, structures over side road at Mains of Invermay and B9001 and floodplain/watercourse crossings. |
| 2750     | 2800           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2800     | 2850           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2850     | 2900           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2900     | 2950           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 2950     | 3000           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3000     | 3050           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3050     | 3100           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3100     | 3150           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3150     | 3200           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3200     | 3250           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3250     | 3300           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3300     | 3350           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3350     | 3400           | 0            | 0                | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3400     | 3450           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3450     | 3500           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3500     | 3550           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3550     | 3600           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3600     | 3650           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |
| 3650     | 3700           | 0            | -1               | -2               | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              | -2  | -2  |



|       |       |   |    |    |   |    |    |    |    |   |   |   |    |    |    |     |     |   |   |
|-------|-------|---|----|----|---|----|----|----|----|---|---|---|----|----|----|-----|-----|---|---|
| 9250  | 9300  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9300  | 9350  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9350  | 9400  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9400  | 9450  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9450  | 9500  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9500  | 9550  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9550  | 9600  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9600  | 9650  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9650  | 9700  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | -1 | 0   | -3  | -3  |   |
| 9700  | 9750  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9750  | 9800  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9800  | 9850  | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9850  | 9900  | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 9900  | 9950  | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 9950  | 10000 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10000 | 10050 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10050 | 10100 | 0 | -2 | -2 | 0 | -1 | -2 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10100 | 10150 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10150 | 10200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10200 | 10250 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -4  | -4  | Manual Adjustment - New overbridge for Farm road over A96. This could be combined with Local road overbridge at 0m/0500m. |
| 10250 | 10300 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10300 | 10350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10350 | 10400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10400 | 10450 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10450 | 10500 | 0 | -1 | -2 | 0 | -1 | -2 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | -1 | 0   | -4  | -4  |   |
| 10500 | 10550 | 0 | -2 | -2 | 0 | -1 | -2 | 0  | 0  | 0 | 0 | 0 | 0  | -1 | -1 | 0   | -6  | -6  | Bridge over A96 for local road.   |
| 10550 | 10600 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -1  | -1  |   |
| 10600 | 10650 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10650 | 10700 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10700 | 10750 | 0 | -2 | -2 | 0 | -1 | -2 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10750 | 10800 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10800 | 10850 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 10850 | 10900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10900 | 10950 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 10950 | 11000 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11000 | 11050 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11050 | 11100 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11100 | 11150 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11150 | 11200 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11200 | 11250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11250 | 11300 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11300 | 11350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11350 | 11400 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11400 | 11450 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11450 | 11500 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 11500 | 11550 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11550 | 11600 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11600 | 11650 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11650 | 11700 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11700 | 11750 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11750 | 11800 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11800 | 11850 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11850 | 11900 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11900 | 11950 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 11950 | 12000 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 12000 | 12050 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 12050 | 12100 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 12100 | 12150 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 12150 | 12200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 12200 | 12250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -2  | -2  |   |
| 12250 | 12300 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -4  | -4  | Manual Adjustment - New overbridge for local road over A96.   |
| 12300 | 12350 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 12350 | 12400 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -1 | 0   | -3  | -3  |   |
| 12400 | 12450 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12450 | 12500 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12500 | 12550 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12550 | 12600 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12600 | 12650 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12650 | 12700 | 0 | -2 | -2 | 0 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -7  | -7  | New overbridge for Local road over A96.   |
| 12700 | 12750 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12750 | 12800 | 0 | -2 | -2 | 0 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -5  | -5  |   |
| 12800 | 12850 | 0 | -2 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 12850 | 12900 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 12900 | 12950 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 12950 | 13000 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13000 | 13050 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13050 | 13100 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13100 | 13150 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13150 | 13200 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13200 | 13250 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13250 | 13300 | 0 | 0  | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13300 | 13350 | 0 | -1 | -2 | 0 | -1 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | -3 | 0   | -4  | -4  |   |
| 13350 | 13400 | 0 | -1 | -2 | 0 | -1 | -2 | -3 | 0  | 0 | 0 | 0 | 0  | -1 | -3 | 0   | -10 | -10   | River Don, Railway & pipeline crossing & construction access.   |
| 13400 | 13450 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | -1 | -3 | 0  | -11 | -11 | River Don, Railway & pipeline crossing & construction access. |   |
| 13450 | 13500 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | -1 | -3 | 0  | -11 | -11 | River Don, Railway & pipeline crossing & construction access. |   |
| 13500 | 13550 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | River Don, Railway & pipeline crossing & construction access. |   |
| 13550 | 13600 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | River Don, Railway & pipeline crossing & construction access. |   |
| 13600 | 13650 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | River Don, Railway & pipeline crossing & construction access. |   |
| 13650 | 13700 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | River Don, Railway & pipeline crossing & construction access. |   |
| 13700 | 13750 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | River Don, Railway & pipeline crossing & construction access. |   |
| 13750 | 13800 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | 0  | -2 | 0  | -12 | -12 | River Don, Railway & pipeline crossing & construction access. |   |
| 13800 | 13850 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | -2 | -3 | 0  | -13 | -13 | River Don, Railway & pipeline crossing & construction access. |   |
| 13850 | 13900 | 0 | -2 | -2 | 0 | -1 | -2 | -3 | -3 | 0 | 0 | 0 | -2 | -3 | 0  | -12 | -12 | River Don, Railway & pipeline crossing & construction access. |   |

|       |       |   |    |    |   |    |    |    |   |   |    |   |   |   |    |    |    |  |
|-------|-------|---|----|----|---|----|----|----|---|---|----|---|---|---|----|----|----|--|
| 14650 | 14700 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14700 | 14750 | 0 | -1 | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14750 | 14800 | 0 | 0  | -2 | 0 | -1 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -5 | -6 | Manual Adjustment: Tie in with the existing 406 and 408.7. Details unknown but likely to be underbridges required. |
| 14800 | 14850 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14850 | 14900 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14900 | 14950 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | 0  | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 14950 | 15000 | 0 | 0  | -2 | 0 | -1 | -1 | 0  | 0 | 0 | -1 | 0 | 0 | 0 | -1 | -3 | -3 |  |
| 15000 | 15050 |   |    |    |   |    |    |    |   |   |    |   |   |   |    |    |    |  |
| 15050 | 15100 |   |    |    |   |    |    |    |   |   |    |   |   |   |    |    |    |  |

|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
**Total Score**  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Flood and Drainage | Utilities | Constructability | Score | Adjusted Total | Comments  |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|--------------------|-----------|------------------|-------|----------------|---|
|          |                |              |                  |                  |           |           |            |             |            |                    |           |                  |       |                |   |
| 0        | 50             | 0            | 0                | 0                | 0         | 0         | -2         | 0           | -1         | 0                  | 0         | 0                | -1    | -2             |   |
| 50       | 100            | 0            | -1               | 0                | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -1             |   |
| 100      | 150            | 0            | -1               | 0                | 0         | -1        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -2             |   |
| 150      | 200            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -2             |   |
| 200      | 250            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -1             |   |
| 250      | 300            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -1             |   |
| 300      | 350            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -1             |   |
| 350      | 400            | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -1    | -2             |   |
| 400      | 450            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | -2             |   |
| 450      | 500            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | -3        | 0                | -1    | -7             | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 500      | 550            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                | 0     | 0              | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 550      | 600            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                | -3    | 0              | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 600      | 650            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                | 0     | 0              | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 650      | 700            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                | -3    | 0              | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 700      | 750            | 0            | -1               | 0                | 0         | -2        | -1         | -2          | -3         | 0                  | 0         | 0                | -3    | 0              | New Viaduct crossing River Urie and Floodplain, Total length 250m, single span approx. 60m.           |
| 750      | 800            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -3    | 0              |   |
| 800      | 850            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -3    | 0              |   |
| 850      | 900            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -3    | 0              |   |
| 900      | 950            | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -3    | 0              |   |
| 950      | 1000           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -3    | 0              |   |
| 1000     | 1050           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | -1        | 0                | -3    | 0              |   |
| 1050     | 1100           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1100     | 1150           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1150     | 1200           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1200     | 1250           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1250     | 1300           | 0            | -1               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1300     | 1350           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1350     | 1400           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1400     | 1450           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1450     | 1500           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1500     | 1550           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1550     | 1600           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1600     | 1650           | 0            | -1               | 0                | 0         | -2        | -1         | -2          | 0          | 0                  | 0         | 0                | -3    | 0              | New Overpass for Farm road over AB6.  |
| 1650     | 1700           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1700     | 1750           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 1750     | 1800           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | -1        | 0                | -3    | 0              | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1800     | 1850           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | -1        | 0                | -3    | 0              | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1850     | 1900           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | -1        | 0                | -3    | 0              | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1900     | 1950           | 0            | -2               | 0                | 0         | -2        | -1         | 0           | 0          | 0                  | -1        | 0                | -3    | 0              | Adjusted to slight - Cumulative constraints - Construction Access restricted, utilities, Geotechnics. |
| 1950     | 2000           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 2000     | 2050           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -3    | 0              |   |
| 2050     | 2100           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2100     | 2150           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2150     | 2200           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2200     | 2250           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2250     | 2300           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2300     | 2350           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2350     | 2400           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2400     | 2450           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2450     | 2500           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 2500     | 2550           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2550     | 2600           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2600     | 2650           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2650     | 2700           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2700     | 2750           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2750     | 2800           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2800     | 2850           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2850     | 2900           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2900     | 2950           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 2950     | 3000           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 3000     | 3050           | 0            | -1               | 0                | 0         | -2        | 0          | -3          | -3         | 0                  | 0         | 0                | -1    | 0              | Manually adjusted to red for New underbridge over B9001 and Floodplain, total length approx. 500m.    |
| 3050     | 3100           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3100     | 3150           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3150     | 3200           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3200     | 3250           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3250     | 3300           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3300     | 3350           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3350     | 3400           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3400     | 3450           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3450     | 3500           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3500     | 3550           | 0            | -2               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3550     | 3600           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3600     | 3650           | 0            | -1               | 0                | 0         | -2        | 0          | 2           | 0          | 0                  | 0         | 0                | -1    | 0              | Manual adjustment - New overbridge for Farm road over AB6.  |
| 3650     | 3700           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3700     | 3750           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3750     | 3800           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | -1               | 0     | 0              |   |
| 3800     | 3850           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3850     | 3900           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3900     | 3950           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 3950     | 4000           | 0            | 0                | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 4000     | 4050           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |
| 4050     | 4100           | 0            | -1               | 0                | 0         | -2        | 0          | 0           | 0          | 0                  | 0         | 0                | -1    | 0              |   |

|      |      |   |    |   |   |    |    |    |    |   |   |   |    |    |   |    |    |   |
|------|------|---|----|---|---|----|----|----|----|---|---|---|----|----|---|----|----|---|
| 4100 | 4150 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4150 | 4200 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4200 | 4250 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4250 | 4300 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 4300 | 4350 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4350 | 4400 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4400 | 4450 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4450 | 4500 | 0 | -1 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4500 | 4550 | 0 | -2 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4550 | 4600 | 0 | -2 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4600 | 4650 | 0 | -2 | 0 | 0 | -2 | -2 | -1 | -3 | 0 | 0 | 0 | -1 | -1 | 0 | -6 | -6 | Flood plain. Structure required.  |
| 4650 | 4700 | 0 | -2 | 0 | 0 | -2 | -2 | -1 | -3 | 0 | 0 | 0 | -1 | -1 | 0 | -6 | -6 | Flood plain. Structure required.  |
| 4700 | 4750 | 0 | -2 | 0 | 0 | -2 | -2 | -1 | -3 | 0 | 0 | 0 | -1 | -1 | 0 | -6 | -6 | Flood plain. Structure required.  |
| 4750 | 4800 | 0 | -2 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4800 | 4850 | 0 | -2 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 4850 | 4900 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -3 | -1 | 0 | -5 | -6 | Manual Adjustment - Utilities - Crossing of 305mm National Grid Pipeline. Proposed Road Level is between 4 and 8m higher than existing. |
| 4900 | 4950 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -3 | -1 | 0 | -5 | -6 | Manual Adjustment - Utilities - Crossing of 305mm National Grid Pipeline. Proposed Road Level is between 4 and 8m higher than existing. |
| 4950 | 5000 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 5000 | 5050 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 5050 | 5100 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5100 | 5150 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5150 | 5200 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5200 | 5250 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5250 | 5300 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5300 | 5350 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5350 | 5400 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5400 | 5450 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5450 | 5500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5500 | 5550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5550 | 5600 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5600 | 5650 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5650 | 5700 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 5700 | 5750 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5750 | 5800 | 0 | -1 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 5800 | 5850 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 5850 | 5900 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 5900 | 5950 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -5 | -5 |   |
| 5950 | 6000 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -5 | -5 |   |
| 6000 | 6050 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -5 | -5 |   |
| 6050 | 6100 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 6100 | 6150 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 6150 | 6200 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 6200 | 6250 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 6250 | 6300 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6300 | 6350 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6350 | 6400 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 6400 | 6450 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 6450 | 6500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6500 | 6550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 6550 | 6600 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6600 | 6650 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6650 | 6700 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6700 | 6750 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 6750 | 6800 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -4 | -4 |   |
| 6800 | 6850 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -4 | -4 |   |
| 6850 | 6900 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -4 | -4 |   |
| 6900 | 6950 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -2 | -1 | 0 | -4 | -4 |   |
| 6950 | 7000 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7000 | 7050 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7050 | 7100 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7100 | 7150 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7150 | 7200 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 7200 | 7250 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 7250 | 7300 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -5 | -6 | Manual adjustment - New Overpass for local road over A96.   |
| 7300 | 7350 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7350 | 7400 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7400 | 7450 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7450 | 7500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7500 | 7550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7550 | 7600 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7600 | 7650 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7650 | 7700 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7700 | 7750 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 7750 | 7800 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 7800 | 7850 | 0 | -2 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 7850 | 7900 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 7900 | 7950 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 7950 | 8000 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8000 | 8050 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8050 | 8100 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8100 | 8150 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8150 | 8200 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8200 | 8250 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8250 | 8300 | 0 | -3 | 0 | 0 | -2 | -2 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -4 | -6 | Manual adjustment - cutting upto 31m (but greater than 20m) in rock.  |
| 8300 | 8350 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 8350 | 8400 | 0 | -2 | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 8400 | 8450 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 8450 | 8500 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 8500 | 8550 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 8550 | 8600 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 8600 | 8650 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 8650 | 8700 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 8700 | 8750 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 8750 | 8800 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 8800 | 8850 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 8850 | 8900 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -3 | -4 |   |
| 8900 | 8950 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 | -1 |   |
| 8950 | 9000 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0 | -1 | -1 | 0 | -1 |    |   |



|       |       |   |    |   |   |    |    |    |    |   |   |    |    |    |     |     |  |  |
|-------|-------|---|----|---|---|----|----|----|----|---|---|----|----|----|-----|-----|--|--|
| 14450 | 14500 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14500 | 14550 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -10 | -10 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14550 | 14600 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -12 | -12 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14600 | 14650 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14650 | 14700 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14700 | 14750 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14750 | 14800 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | -3 | 0  | -11 | -11 | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14800 | 14850 | 0 | -2 | 0 | 0 | -2 | -2 | -3 | -3 | 0 | 0 | 0  | 0  | -1 | -7  | -9  | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14850 | 14900 | 0 | -1 | 0 | 0 | -2 | 0  | -3 | 0  | 0 | 0 | 0  | 0  | -1 | -5  | -9  | New Viaduct crossing River Don, associated flood plain, pipelines and the Railway. Potential large single spans over the Don watercourse and the railway line. |  |
| 14900 | 14950 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |  |
| 14950 | 15000 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |  |
| 15000 | 15050 | 0 | -1 | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -3  | -3   |  |
| 15050 | 15100 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  | -2   |  |
| 15100 | 15150 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  | -2   |  |
| 15150 | 15200 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  | -2   |  |
| 15200 | 15250 | 0 | 0  | 0 | 0 | -2 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0  | -1  | -2  | -2   |  |
| 15250 | 15300 | 0 | 0  | 0 | 0 | -2 | -1 | -2 | 0  | 0 | 0 | 0  | 0  | -1 | -4  | -6  | Manual Adjustment - Tie in with the existing A96 and B987. Details unknown but likely to be underbridges required.   |  |
| 15300 | 15350 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |  |
| 15350 | 15400 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |  |
| 15400 | 15450 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |  |
| 15450 | 15500 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | 0  | 0  | -1 | -2  | -2  |  |  |
| 15500 | 15550 | 0 | 0  | 0 | 0 | -2 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | -1 | -3  | -3  |  |  |
| 15550 | 15600 |   |    |   |   |    |    |    |    |   |   |    |    |    |     |     |  |  |
| 15600 | 15650 |   |    |   |   |    |    |    |    |   |   |    |    |    |     |     |  |  |





|      |      |    |    |    |    |   |    |    |    |   |   |    |    |   |    |    |   |
|------|------|----|----|----|----|---|----|----|----|---|---|----|----|---|----|----|---|
| 4200 | 4250 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4250 | 4300 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4300 | 4350 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4350 | 4400 | -2 | -1 | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4400 | 4450 | -2 | 0  | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4450 | 4500 | -2 | 0  | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4500 | 4550 | -2 | 0  | -2 | -2 | 0 | -2 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -7 | -7 | Structure over floodplain & peat ground conditions.                               |
| 4550 | 4600 | -2 | -1 | -2 | -2 | 0 | -1 | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -6 | -6 | Structure over floodplain & peat ground conditions.                               |
| 4600 | 4650 | -2 | -1 | -2 | -2 | 0 | 0  | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Manual adjustment - Structure over floodplain & peat ground conditions.           |
| 4650 | 4700 | -2 | -1 | -2 | -2 | 0 | 0  | -2 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Manual adjustment - Structure over floodplain & peat ground conditions.           |
| 4700 | 4750 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4750 | 4800 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 4800 | 4850 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 4850 | 4900 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 4900 | 4950 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 4950 | 5000 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 5000 | 5050 | -2 | -2 | -2 | -2 | 0 | -1 | 2  | 0  | 0 | 0 | -1 | -1 | 0 | -7 | -7 | Level differences - Structure over local road and construction access restricted. |
| 5050 | 5100 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -5 | -5 |   |
| 5100 | 5150 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -5 | -5 |   |
| 5150 | 5200 | -2 | -2 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -4 | -4 |   |
| 5200 | 5250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 5250 | 5300 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -2 | -2 |   |
| 5300 | 5350 | -2 | -1 | -2 | -2 | 0 | 2  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 5350 | 5400 | -2 | -1 | -2 | -2 | 0 | 2  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 5400 | 5450 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -3 | -3 |   |
| 5450 | 5500 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -3 | -3 |   |
| 5500 | 5550 | -2 | 0  | -2 | -2 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Floodplain at Lochter Burn and construction access.                               |
| 5550 | 5600 | -2 | 0  | -2 | -2 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Floodplain at Lochter Burn and construction access.                               |
| 5600 | 5650 | -2 | 0  | -2 | -2 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | Floodplain at Lochter Burn and construction access.                               |
| 5650 | 5700 | -2 | 0  | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5700 | 5750 | -2 | 0  | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5750 | 5800 | -2 | 0  | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 3  | -1 | 0 | 6  | 6  | Closing of 150mm National Grid Pipeline.  |
| 5800 | 5850 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -3 | -1 | 0 | 6  | 6  | Proposed Road Level is between 0 and 5m higher than existing.                     |
| 5850 | 5900 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5900 | 5950 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5950 | 6000 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 6000 | 6050 | -2 | -1 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 6050 | 6100 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6100 | 6150 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6150 | 6200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | -1 | 0 | -3 | -3 |   |
| 6200 | 6250 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 1  | -1 | 0 | 3  | -3 |   |
| 6250 | 6300 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6300 | 6350 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6350 | 6400 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6400 | 6450 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6450 | 6500 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6500 | 6550 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6550 | 6600 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6600 | 6650 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6650 | 6700 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6700 | 6750 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6750 | 6800 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6800 | 6850 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6850 | 6900 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6900 | 6950 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 6950 | 7000 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7000 | 7050 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7050 | 7100 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7100 | 7150 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 7150 | 7200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7200 | 7250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7250 | 7300 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7300 | 7350 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7350 | 7400 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7400 | 7450 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7450 | 7500 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7500 | 7550 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7550 | 7600 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 7600 | 7650 | -2 | 0  | -2 | -2 | 0 | 0  | 2  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 | Manual adjustment - New Overpass for local road over A96.                         |
| 7650 | 7700 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 7700 | 7750 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 7750 | 7800 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 7800 | 7850 | -2 | -1 | -2 | -2 | 0 | 0  | 2  | 0  | 0 | 0 | -1 | 0  | 0 | 6  | 6  | New Overpass for local road over A96.   |
| 7850 | 7900 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 7900 | 7950 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 7950 | 8000 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8000 | 8050 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8050 | 8100 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 2  | -1 | 0 | -4 | -4 |   |
| 8100 | 8150 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 2  | -1 | 0 | -4 | -4 |   |
| 8150 | 8200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 8200 | 8250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 8250 | 8300 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8300 | 8350 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8350 | 8400 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8400 | 8450 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 | Wind turbine.   |
| 8450 | 8500 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8500 | 8550 | -2 | -2 | -2 | -2 | 0 | -1 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8550 | 8600 | -2 | -2 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -3 | -3 |   |
| 8600 | 8650 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 8650 | 8700 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 8700 | 8750 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | 2  | -1 | 0 | -4 | -4 |   |
| 8750 | 8800 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8800 | 8850 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -4 |   |
| 8850 | 8900 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.                              |
| 8900 | 8950 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.                              |
| 8950 | 9000 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.                              |
| 9000 | 9050 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.                              |
| 9050 | 9100 | -2 | -1 | -2 | -2 | 0 | -2 | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -4 | -6 | Manual adjustment - Embankment upto 6m high on peat.                              |
| 9100 | 9150 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 9150 | 9200 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 9200 | 9250 | -2 | -1 | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 9250 | 9300 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |
| 9300 | 9350 | -2 | 0  | -2 | -2 | 0 | 0  | 0  | 0  | 0 | 0 | -1 | 0  | 0 | -2 | -2 |   |





|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Structures | Flooding and Drainage | Utilities | Constructability | Temp disruption | Construction access | Utilities | Attenuation requirement | Watercourse Crossings | Flood plain | Score | Adjusted | Total | Comments   |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|------------|-----------------------|-----------|------------------|-----------------|---------------------|-----------|-------------------------|-----------------------|-------------|-------|----------|-------|--|
|          |                |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 0        | 50             |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 50       | 100            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 100      | 150            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 150      | 200            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 200      | 250            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 250      | 300            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manually adjusted to amber to reflect New Wadcut crossing local road, River Urie and floodplain, Total length 300m, single span approx. 60m. |
| 300      | 350            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manually adjusted to amber to reflect New Wadcut crossing local road, River Urie and floodplain, Total length 300m, single span approx. 60m. |
| 350      | 400            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manually adjusted to amber to reflect New Wadcut crossing local road, River Urie and floodplain, Total length 300m, single span approx. 60m. |
| 400      | 450            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manually adjusted to amber to reflect New Wadcut crossing local road, River Urie and floodplain, Total length 300m, single span approx. 60m. |
| 450      | 500            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manually adjusted to amber to reflect New Wadcut crossing local road, River Urie and floodplain, Total length 300m, single span approx. 60m. |
| 500      | 550            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manually adjusted to amber to reflect New Wadcut crossing local road, River Urie and floodplain, Total length 300m, single span approx. 60m. |
| 550      | 600            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 600      | 650            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 650      | 700            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manual adjustment - New overbridge for local road over A96.  |
| 700      | 750            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 750      | 800            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 800      | 850            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 850      | 900            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 900      | 950            |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 950      | 1000           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1000     | 1050           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1050     | 1100           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1100     | 1150           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1150     | 1200           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1200     | 1250           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1250     | 1300           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1300     | 1350           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1350     | 1400           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1400     | 1450           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1450     | 1500           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1500     | 1550           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1550     | 1600           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1600     | 1650           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Manual adjustment - Overbridge for local road over A96.  |
| 1650     | 1700           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1700     | 1750           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1750     | 1800           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1800     | 1850           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Reservoir showing up in GIS but difficult to verify using overhead imagery so class as Moderate Adverse Impact at this stage.                |
| 1850     | 1900           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1900     | 1950           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 1950     | 2000           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2000     | 2050           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2050     | 2100           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2100     | 2150           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2150     | 2200           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2200     | 2250           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2250     | 2300           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2300     | 2350           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2350     | 2400           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2400     | 2450           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2450     | 2500           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2500     | 2550           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2550     | 2600           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2600     | 2650           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2650     | 2700           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2700     | 2750           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2750     | 2800           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2800     | 2850           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2850     | 2900           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2900     | 2950           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 2950     | 3000           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3000     | 3050           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3050     | 3100           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3100     | 3150           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3150     | 3200           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3200     | 3250           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3250     | 3300           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3300     | 3350           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3350     | 3400           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3400     | 3450           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3450     | 3500           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3500     | 3550           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3550     | 3600           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3600     | 3650           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3650     | 3700           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3700     | 3750           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       |  |
| 3750     | 3800           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Floodplain at Auchendeth.  |
| 3800     | 3850           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Floodplain at Auchendeth.  |
| 3850     | 3900           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Floodplain at Auchendeth.  |
| 3900     | 3950           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Floodplain at Auchendeth.  |
| 3950     | 4000           |              |                  |                  |           |           |            |             |            |            |                       |           |                  |                 |                     |           |                         |                       |             |       |          |       | Floodplain at Auchendeth.  |

|      |      |    |    |   |    |   |    |    |    |   |   |    |    |   |    |    |   |
|------|------|----|----|---|----|---|----|----|----|---|---|----|----|---|----|----|---|
| 4000 | 4050 | -1 | -1 | 0 | -1 | 0 | 0  | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -4 | -4 |   |
| 4050 | 4100 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4100 | 4150 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4150 | 4200 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4200 | 4250 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4250 | 4300 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4300 | 4350 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4350 | 4400 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4400 | 4450 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4450 | 4500 | -1 | -1 | 0 | -1 | 0 | 0  | 2  | 0  | 0 | 0 | -1 | -1 | 0 | -5 | -6 | Vertical adjustment - New overbridge for Local road over A95.   |
| 4500 | 4550 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4550 | 4600 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4600 | 4650 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 4650 | 4700 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4700 | 4750 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 4750 | 4800 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4800 | 4850 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4850 | 4900 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4900 | 4950 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 4950 | 5000 | -1 | -1 | 0 | -1 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | New Viaduct over floodplain, total length approx. 150m. Lochter Burn.                                     |
| 5000 | 5050 | -1 | -1 | 0 | -1 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | New Viaduct over floodplain, total length approx. 150m. Lochter Burn.                                     |
| 5050 | 5100 | -1 | -1 | 0 | -1 | 0 | -1 | -1 | -3 | 0 | 0 | 0  | -1 | 0 | -5 | -5 | New Viaduct over floodplain, total length approx. 150m. Lochter Burn.                                     |
| 5100 | 5150 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5150 | 5200 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | -1 | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5200 | 5250 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -6 | -6 | Crossing of 1000mm National Grid Pipeline. Proposed Road Levels is between 1 and 2m higher than existing. |
| 5250 | 5300 | -1 | 0  | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -5 | -6 | Crossing of 1000mm National Grid Pipeline. Adjusted for consistent appraisal of this crossing.            |
| 5300 | 5350 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5350 | 5400 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5400 | 5450 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5450 | 5500 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5500 | 5550 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5550 | 5600 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5600 | 5650 | -1 | -1 | 0 | -1 | 0 | -1 | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5650 | 5700 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5700 | 5750 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -3 | -3 |   |
| 5750 | 5800 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 5800 | 5850 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 5850 | 5900 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 5900 | 5950 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 5950 | 6000 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6000 | 6050 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 6050 | 6100 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6100 | 6150 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 6150 | 6200 | -1 | 0  | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -1 | -1 |   |
| 6200 | 6250 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6250 | 6300 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6300 | 6350 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6350 | 6400 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6400 | 6450 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | -1 | 0 | -2 | -2 |   |
| 6450 | 6500 | -1 | -1 | 0 | -1 | 0 | 0  | 0  | 0  | 0 | 0 | 0  | 0  | 0 | -1 | -1 |   |
| 6500 | 6550 |    |    |   |    |   |    |    |    |   |   |    |    |   |    |    |   |
| 6550 | 6600 |    |    |   |    |   |    |    |    |   |   |    |    |   |    |    |   |

|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Structures | Flooding and Drainage | Watercourse Crossings | Attenuation requirement | Utilities | Construction access | Temp disruption | Score | Adjusted Total | Comments  |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|------------|-----------------------|-----------------------|-------------------------|-----------|---------------------|-----------------|-------|----------------|---|
|          |                |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
|          | 0              | 50           | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 50             | 100          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 100            | 150          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 150            | 200          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 200            | 250          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 250            | 300          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 300            | 350          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manual Adjustment - Crossing of 900mm National Grid pipeline. Proposed Road level at this point is between 4 and 6m lower than existing. Vertical alignment to be reconsidered. |
|          | 350            | 400          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manual Adjustment - Crossing of 900mm National Grid pipeline. Proposed Road level at this point is between 4 and 6m lower than existing. Vertical alignment to be reconsidered. |
|          | 400            | 450          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 450            | 500          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 500            | 550          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 550            | 600          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 600            | 650          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 650            | 700          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 700            | 750          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 750            | 800          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 800            | 850          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 850            | 900          | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | Manually adjusted to Amber to reflect New waduct over floodplain. Total length approx. 300m. May be reduced to 60m by altering the horizontal alignment or diverting the burn.  |
|          | 900            | 950          | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 950            | 1000         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1000           | 1050         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1050           | 1100         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1100           | 1150         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1150           | 1200         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1200           | 1250         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1250           | 1300         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1300           | 1350         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1350           | 1400         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1400           | 1450         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1450           | 1500         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1500           | 1550         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1550           | 1600         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1600           | 1650         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1650           | 1700         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1700           | 1750         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1750           | 1800         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1800           | 1850         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             | New overbridge for Local road over A86.   |
|          | 1850           | 1900         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1900           | 1950         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 1950           | 2000         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -1    | -1             |   |
|          | 2000           | 2050         | -1               | -2               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2050           | 2100         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2100           | 2150         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2150           | 2200         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2200           | 2250         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2250           | 2300         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2300           | 2350         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2350           | 2400         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2400           | 2450         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2450           | 2500         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2500           | 2550         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2550           | 2600         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2600           | 2650         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2650           | 2700         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2700           | 2750         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2750           | 2800         | -1               | -2               | 0         | 0         | 0          | -1          | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2800           | 2850         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2850           | 2900         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2900           | 2950         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 2950           | 3000         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3000           | 3050         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3050           | 3100         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3100           | 3150         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3150           | 3200         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3200           | 3250         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3250           | 3300         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3300           | 3350         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3350           | 3400         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3400           | 3450         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3450           | 3500         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -2    | -2             |   |
|          | 3500           | 3550         | -1               | -1               | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3550           | 3600         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3600           | 3650         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3650           | 3700         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -3    | -3             |   |
|          | 3700           | 3750         | -1               | 0                | 0         | 0         | 0          | 0           | 0          | 0          | 0                     | 0                     | 0                       | 0         | 0                   | 0               | -3    | -3             |   |





|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) + Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Flood plain | Watercourse Crossings | Attenuation requirement | Utilities | Construction access | Temp disruption | Score | Adjusted Total | Comments   |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|-------------|-----------------------|-------------------------|-----------|---------------------|-----------------|-------|----------------|--|
|          |                |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 0        | 50             |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | Tie in with the existing A96. Details unknown but likely to be underbridges required.                      |
| 50       | 100            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 100      | 150            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 150      | 200            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 200      | 250            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 250      | 300            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 300      | 350            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 350      | 400            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 400      | 450            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 450      | 500            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 500      | 550            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 550      | 600            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 600      | 650            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 650      | 700            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 700      | 750            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 750      | 800            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 800      | 850            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 850      | 900            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 900      | 950            |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 950      | 1000           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1000     | 1050           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1050     | 1100           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1100     | 1150           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | New Viaduct over River Lirie and floodplain, total length approx. 120m.                                    |
| 1150     | 1200           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | New Viaduct over River Lirie and floodplain, total length approx. 120m.                                    |
| 1200     | 1250           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | New Viaduct over River Lirie and floodplain, total length approx. 120m.                                    |
| 1250     | 1300           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1300     | 1350           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1350     | 1400           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1400     | 1450           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1450     | 1500           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1500     | 1550           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1550     | 1600           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1600     | 1650           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1650     | 1700           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1700     | 1750           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1750     | 1800           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1800     | 1850           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1850     | 1900           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1900     | 1950           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 1950     | 2000           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2000     | 2050           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2050     | 2100           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2100     | 2150           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | New overbridge for Local road over A96.  |
| 2150     | 2200           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | 275kV Crossing - Proposed road level lower than existing.  |
| 2200     | 2250           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | 275kV Crossing - Proposed road level lower than existing.  |
| 2250     | 2300           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2300     | 2350           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2350     | 2400           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2400     | 2450           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2450     | 2500           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2500     | 2550           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2550     | 2600           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2600     | 2650           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2650     | 2700           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2700     | 2750           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2750     | 2800           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2800     | 2850           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2850     | 2900           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 2900     | 2950           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | Telecommunications Mast within 100m of alignment at this location - Verified by Google Maps.               |
| 2950     | 3000           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3000     | 3050           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3050     | 3100           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3100     | 3150           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3150     | 3200           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3200     | 3250           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | 275kV Crossing - Proposed road level lower than existing.  |
| 3250     | 3300           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3300     | 3350           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3350     | 3400           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3400     | 3450           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3450     | 3500           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3500     | 3550           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3550     | 3600           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3600     | 3650           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3650     | 3700           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3700     | 3750           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3750     | 3800           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 3800     | 3850           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | Amended to slight to reflect influence of alignment wide criteria and slight geo / structural issues only. |
| 3850     | 3900           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | Amended to slight to reflect influence of alignment wide criteria and slight geo / structural issues only. |
| 3900     | 3950           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                | Amended to slight to reflect influence of alignment wide criteria and slight geo / structural issues only. |
| 3950     | 4000           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 4000     | 4050           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 4050     | 4100           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 4100     | 4150           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |
| 4150     | 4200           |              |                  |                  |           |           |            |             |            |             |                       |                         |           |                     |                 |       |                |  |

|      |        |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |    |   |    |    |
|------|--------|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|----|---|----|----|
| 4200 | 4250   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 4250 | 4300   | -3 | -1 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -5 | -5 |
| 4300 | 4350   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -5 | -5 |
| 4350 | 4400   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -5 | -5 |
| 4400 | 4450   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -5 | -5 |
| 4450 | 4500   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -5 | -5 |
| 4500 | 4550   | -3 | -2 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -5 | -5 |
| 4550 | 4600   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -5 | -5 |
| 4600 | 4650   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 4650 | 4700   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 4700 | 4750   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -3 | -3 |
| 4750 | 4800   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 4800 | 4850   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 4850 | 4900   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 4900 | 4950   | -3 | -1 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -6 | -6 |
| 4950 | 5000   | -3 | -1 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -6 | -6 |
| 5000 | 5050   | -3 | -1 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -6 | -6 |
| 5050 | 5100   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 5100 | 5150   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 5150 | 5200   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 5200 | 5250   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -3 | -3 |
| 5250 | 5300   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 5300 | 5350   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 5350 | 5400   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -4 |
| 5400 | 5450   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -3 | -3 |
| 5450 | 5500   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -3 | -3 |
| 5500 | 5550   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -3 | -3 |
| 5550 | 5600   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5600 | 5650   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 5650 | 5700   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5700 | 5750   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5750 | 5800   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5800 | 5850   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5850 | 5900   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5900 | 5950   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5950 | 6000   | -3 | -1 | -2 | -1 | -1 | 0  | -2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -5 | -6 |
| 6000 | 6050   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6050 | 6100   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 6100 | 6150   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 6150 | 6200   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6200 | 6250   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6250 | 6300   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6300 | 6350   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6350 | 6400   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6400 | 6450   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6450 | 6500   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6500 | 6550   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6550 | 6600   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 6600 | 6650   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 6650 | 6700   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 6700 | 6750   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 6750 | 6800   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6800 | 6850   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 6850 | 6900   | -3 | -1 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 6900 | 6950   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 6950 | 7000   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 7000 | 7050   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 7050 | 7100   | -3 | -2 | -2 | -1 | -1 | -2 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 7100 | 7150   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7150 | 7200   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 7200 | 7250   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 7250 | 7300   | -3 | -1 | -2 | -1 | -1 | 0  | -2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -6 | -6 |
| 7300 | 7350   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7350 | 7400   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7400 | 7450   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 7450 | 7500   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 7500 | 7550   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 7550 | 7600   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7600 | 7650   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7650 | 7700   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7700 | 7750   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7750 | 7800   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7800 | 7850   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7850 | 7900   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7900 | 7950   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 7950 | 8000   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8000 | 8050   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8050 | 8100   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8100 | 8150   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8150 | 8200   | -3 | 0  | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 8200 | 8250   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8250 | 8300   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8300 | 8350   | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 8350 | 8400   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 8400 | 8450   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 8450 | 8500   | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -4 | -4 |
| 8500 | 8550   | -3 | -2 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8550 | 8600   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8600 | 8650   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8650 | 8700   | -3 | -1 | -2 | -1 | -1 | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 8700 | 8750</ |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |    |   |    |    |

|       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 9400  | 9450  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | -1 | -1 | 0  | -3 | -3 |    |
| 9450  | 9500  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 9500  | 9550  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 9550  | 9600  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | -2 | -1 | 0  | -1 | 0  | -3 | -3 |    |
| 9600  | 9650  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 9650  | 9700  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 9700  | 9750  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 9750  | 9800  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | -3 | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 9800  | 9850  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 9850  | 9900  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 9900  | 9950  | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 9950  | 10000 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 10000 | 10050 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 10050 | 10100 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 10100 | 10150 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 10150 | 10200 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 10200 | 10250 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 10250 | 10300 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -2 | -2 |    |
| 10300 | 10350 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 10350 | 10400 | -3 | -1 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 10400 | 10450 | -3 | -2 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 10450 | 10500 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -7 | -7 |    |
| 10500 | 10550 | -3 | -2 | -2 | -1 | -1 | -1 | -3 | 0  | 0  | 0  | -1 | -1 | 0  | -7 | -7 |    |
| 10550 | 10600 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -1 | -1 | 0  | -5 | -5 |    |
| 10600 | 10650 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 10650 | 10700 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 10700 | 10750 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 10750 | 10800 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 10800 | 10850 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 10850 | 10900 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 10900 | 10950 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -2 | -2 |    |
| 10950 | 11000 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -2 | -2 |    |
| 11000 | 11050 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 11050 | 11100 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 11100 | 11150 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11150 | 11200 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -2 | -2 |    |
| 11200 | 11250 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11250 | 11300 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -2 | -2 |    |
| 11300 | 11350 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -2 | -2 |    |
| 11350 | 11400 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -1 | -1 | 0  | -3 | -3 |    |
| 11400 | 11450 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | -1 | 0  | -3 | -3 |
| 11450 | 11500 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11500 | 11550 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11550 | 11600 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11600 | 11650 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11650 | 11700 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11700 | 11750 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11750 | 11800 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11800 | 11850 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 11850 | 11900 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -3 | -3 |    |
| 11900 | 11950 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -3 | -3 |    |    |
| 11950 | 12000 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -3 | -3 |
| 12000 | 12050 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -3 | -3 |
| 12050 | 12100 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -3 | -3 |
| 12100 | 12150 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -3 | -3 |
| 12150 | 12200 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12200 | 12250 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12250 | 12300 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12300 | 12350 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | -1 | 0  | -5 | -5 |
| 12350 | 12400 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | -1 | 0  | -5 | -5 |
| 12400 | 12450 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12450 | 12500 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12500 | 12550 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12550 | 12600 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | 0  | -1 | 0  | -4 | -4 |
| 12600 | 12650 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 12650 | 12700 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 12700 | 12750 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 12750 | 12800 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 12800 | 12850 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 12850 | 12900 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 12900 | 12950 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -4 | -4 |    |
| 12950 | 13000 | -3 | -2 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13000 | 13050 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13050 | 13100 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13100 | 13150 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13150 | 13200 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13200 | 13250 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13250 | 13300 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13300 | 13350 | -3 | -3 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -6 | -6 |    |
| 13350 | 13400 | -3 | -3 | -2 | -1 | -1 | -3 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -6 | -6 |    |
| 13400 | 13450 | -3 | -3 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13450 | 13500 | -3 | -3 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13500 | 13550 | -3 | -3 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13550 | 13600 | -3 | -3 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13600 | 13650 | -3 | -2 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13650 | 13700 | -3 | -2 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -5 | -5 |    |
| 13700 | 13750 | -3 | -2 | -2 | -1 | -1 | -2 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 13750 | 13800 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -5 | -5 |    |
| 13800 | 13850 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -5 | -5 |    |
| 13850 | 13900 | -3 | 0  | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -4 | -4 |    |
| 13900 | 13950 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -5 | -5 |    |
| 13950 | 14000 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -5 | -5 |    |
| 14000 | 14050 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -5 | -5 |    |
| 14050 | 14100 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -2 | -1 | 0  | -5 | -5 |    |
| 14100 | 14150 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 14150 | 14200 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 14200 | 14250 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 14250 | 14300 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 14300 | 14350 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 14350 | 14400 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |
| 14400 | 14450 | -3 | -1 | -2 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | -3 | -3 |    |

Large Viaduct over floodplain. No significant span lengths. Total length approx. 600m. Length may be reduced to 400m by moving the alignment.

Manually adjusted to red to reflect Large Viaduct over floodplain. No significant span lengths. Total length approx. 600m. Length may be reduced to 400m by moving the alignment.

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Crossing of 1500mm National Grid Pipeline. Proposed Road Level is between 10 and 15m lower than existing. & New overbridge for local road over A96.

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Attenuation requirement.





|    |                  |
|----|------------------|
| 0  | Neutral          |
| -1 | Slight Adverse   |
| -2 | Moderate Adverse |
| -3 | Major Adverse    |

**Rules**  
 Total Score  
 Geo Score + Structures Score + Flooding Score  
 (Average of L, M and N) +Utilities score +  
 Constructability Score (Minimum value of P&Q) =  
 Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers  
 If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4

| Chainage | Start Chainage | End Chainage | Alignment Length | Level Difference | Bendiness | Hilliness | Earthworks | Geotechnics | Structures | Structures | Flooding and Drainage | Watercourse Crossings | Attenuation requirement | Utilities | Construction access | Temp disruption | Score | Adjusted Total | Comments  |
|----------|----------------|--------------|------------------|------------------|-----------|-----------|------------|-------------|------------|------------|-----------------------|-----------------------|-------------------------|-----------|---------------------|-----------------|-------|----------------|---|
|          |                |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 0        | 50             |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 50       | 100            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 100      | 150            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 150      | 200            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 200      | 250            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 250      | 300            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 300      | 350            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 350      | 400            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 400      | 450            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 450      | 500            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 500      | 550            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 550      | 600            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 600      | 650            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 650      | 700            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 700      | 750            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 750      | 800            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 800      | 850            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 850      | 900            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 900      | 950            |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                | Manually adjusted to red to reflect New Viaduct over River Line and Floodplain, local road, total length approx 750m. |
| 950      | 1000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1000     | 1050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1050     | 1100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1100     | 1150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1150     | 1200           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1200     | 1250           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1250     | 1300           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1300     | 1350           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1350     | 1400           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1400     | 1450           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1450     | 1500           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1500     | 1550           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1550     | 1600           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1600     | 1650           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1650     | 1700           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1700     | 1750           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1750     | 1800           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1800     | 1850           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1850     | 1900           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1900     | 1950           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 1950     | 2000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2000     | 2050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2050     | 2100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2100     | 2150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2150     | 2200           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2200     | 2250           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2250     | 2300           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2300     | 2350           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2350     | 2400           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2400     | 2450           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2450     | 2500           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2500     | 2550           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2550     | 2600           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2600     | 2650           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2650     | 2700           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2700     | 2750           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2750     | 2800           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2800     | 2850           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2850     | 2900           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2900     | 2950           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 2950     | 3000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3000     | 3050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3050     | 3100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3100     | 3150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3150     | 3200           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3200     | 3250           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3250     | 3300           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3300     | 3350           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3350     | 3400           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3400     | 3450           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3450     | 3500           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3500     | 3550           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3550     | 3600           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3600     | 3650           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3650     | 3700           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3700     | 3750           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3750     | 3800           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3800     | 3850           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3850     | 3900           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3900     | 3950           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 3950     | 4000           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 4000     | 4050           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 4050     | 4100           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |
| 4100     | 4150           |              |                  |                  |           |           |            |             |            |            |                       |                       |                         |           |                     |                 |       |                |   |

|      |      |    |    |    |   |   |    |   |   |   |   |   |   |   |   |    |   |    |    |
|------|------|----|----|----|---|---|----|---|---|---|---|---|---|---|---|----|---|----|----|
| 4150 | 4200 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4200 | 4250 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4250 | 4300 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4300 | 4350 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4350 | 4400 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4400 | 4450 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4450 | 4500 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4500 | 4550 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4550 | 4600 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4600 | 4650 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4650 | 4700 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4700 | 4750 | -3 | -2 | -2 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -3 | -3 |
| 4750 | 4800 | -3 | -2 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4800 | 4850 | -2 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4850 | 4900 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4900 | 4950 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 4950 | 5000 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5000 | 5050 | -3 | 0  | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5050 | 5100 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5100 | 5150 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5150 | 5200 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5200 | 5250 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5250 | 5300 | -3 | -1 | -2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 | -2 | -2 |
| 5300 | 5350 |    |    |    |   |   |    |   |   |   |   |   |   |   |   |    |   |    |    |