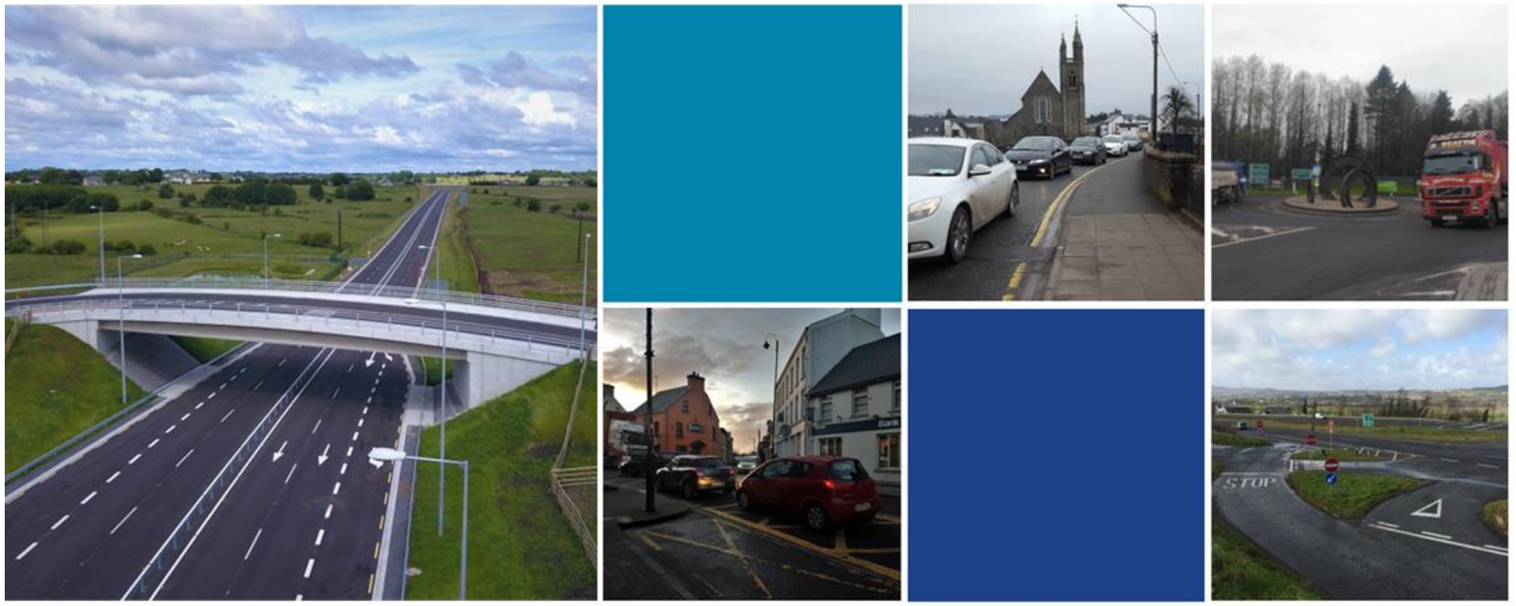
TEN-T Priority Route Improvement Project, Donegal

Option Selection Report
Volume E3 – Section 3 Engineering Drawings

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Volume E3 – Section 3 Engineering Drawings

Figure 3.1 – Section 3 Stage 1 All Options

Section 3 – Stage 1 Options Sheet 1 to 13

Figure 3.2 – Section 3 Stage 2 Options

Figure 3A1 Sheets 1 to 5 – Plan and Profile Drawings for Option 3A1

Figure 3A2 Sheets 1 to 5 – Plan and Profile Drawings for Option 3A2

Figure 3B1 Sheets 1 to 5 – Plan and Profile Drawings for Option 3B1

Figure 3B2 Sheets 1 to 5 – Plan and Profile Drawings for Option 3B2

Figure 3C1 Sheets 1 to 5 – Plan and Profile Drawings for Option 3C1

Figure 3C2 Sheets 1 to 5 – Plan and Profile Drawings for Option 3C2

Figure 3D Sheets 1 to 5 – Plan and Profile Drawings for Option 3D

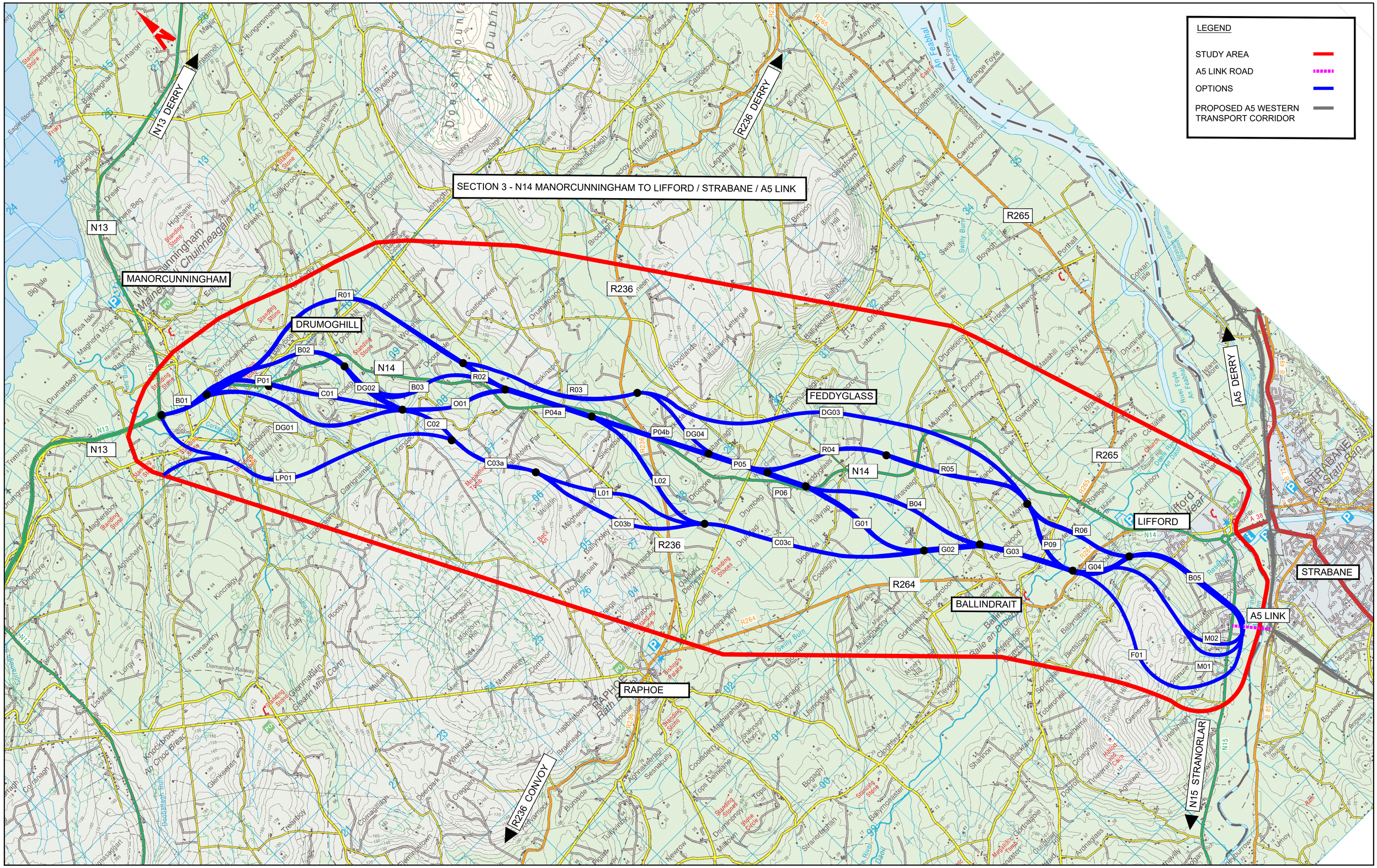
Figure 3E Sheets 1 to 5 – Plan and Profile Drawings for Option 3E

Figure 3F Sheets 1 to 5 – Plan and Profile Drawings for Option 3F

Figure 3.3 – Section 3 Preferred Option Key Plan

Figure 3.4 Sheets 1 to 5 - Section 3 Preferred Option (3B2) Plan and Profile

Preferred Option Corridor – Project Wide Drawing



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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
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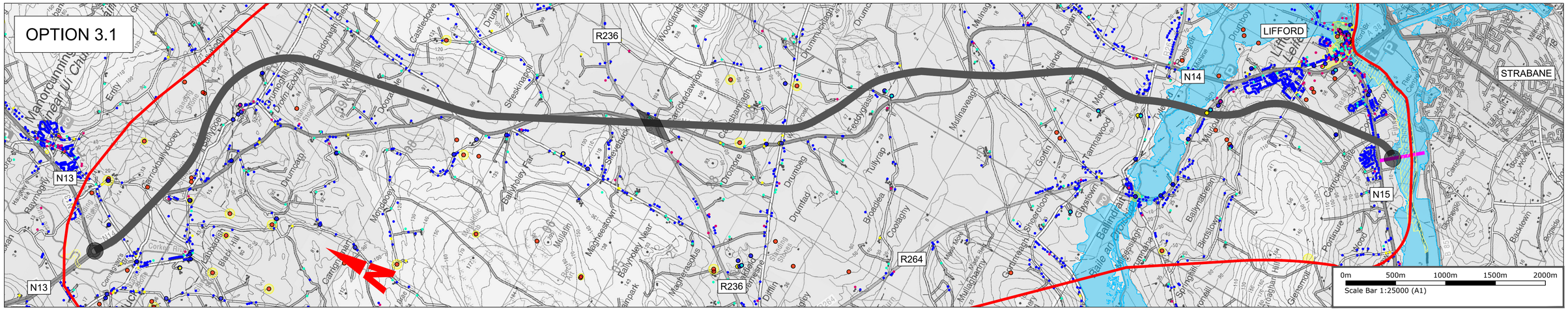
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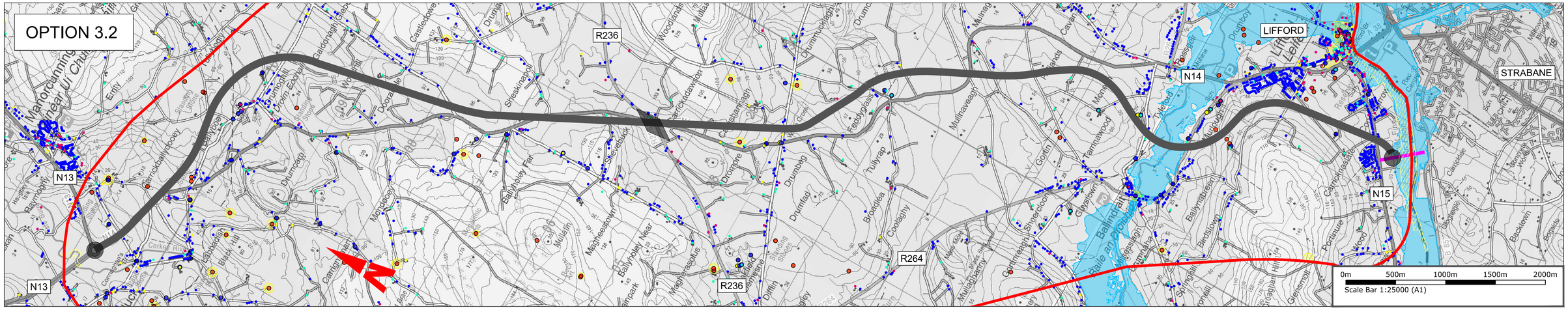
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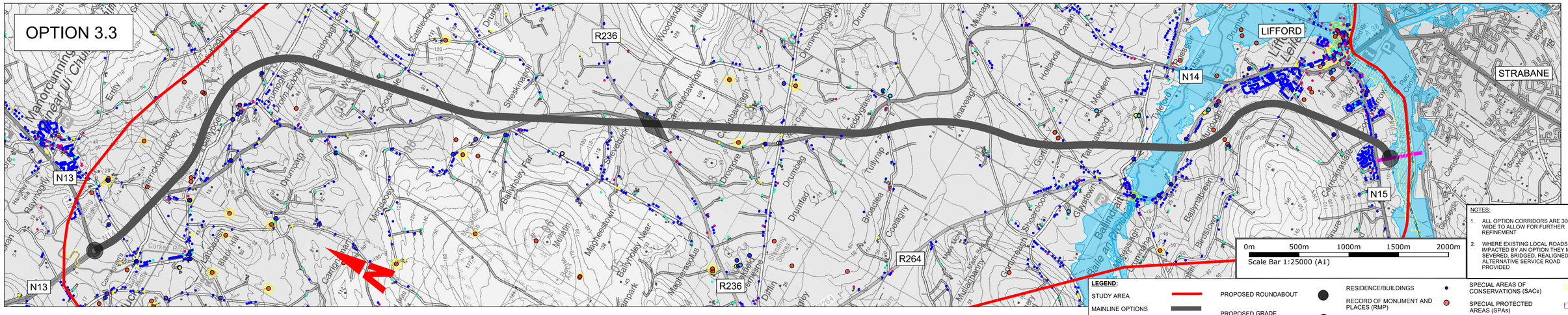
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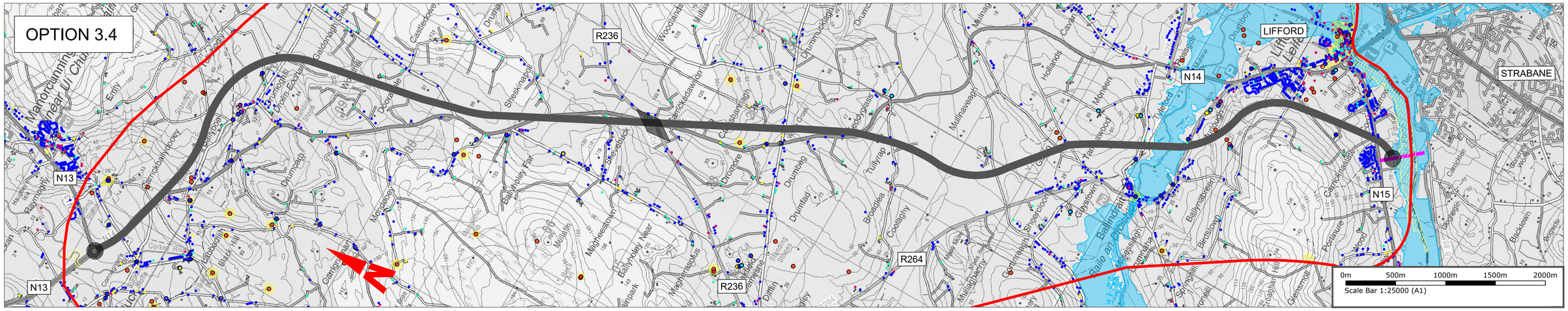
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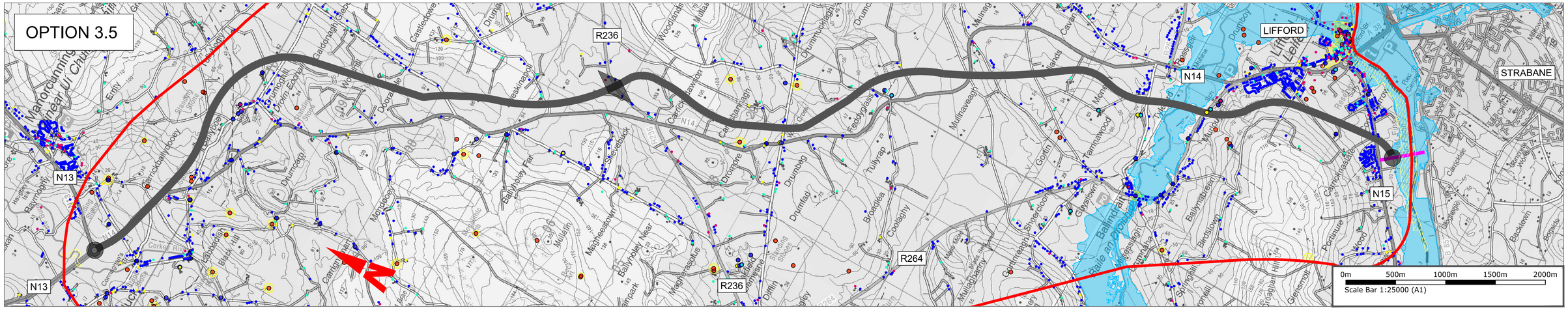
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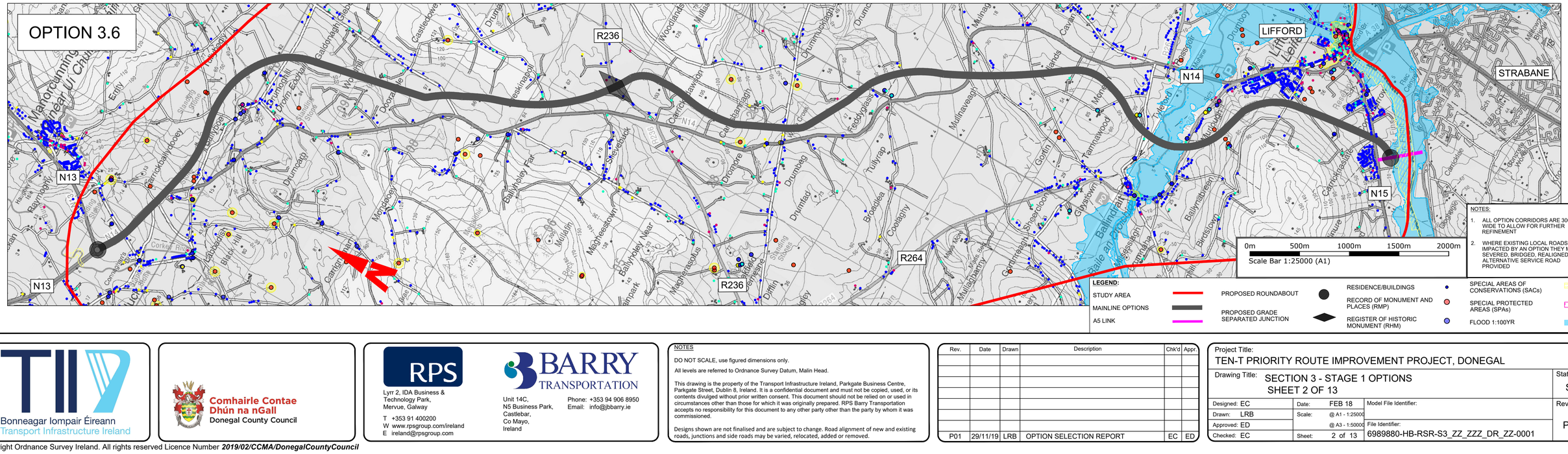
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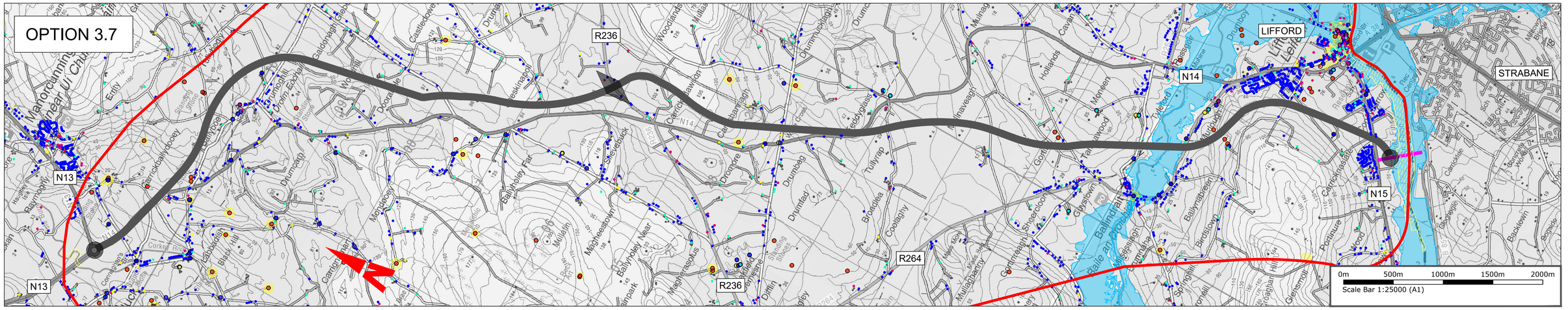
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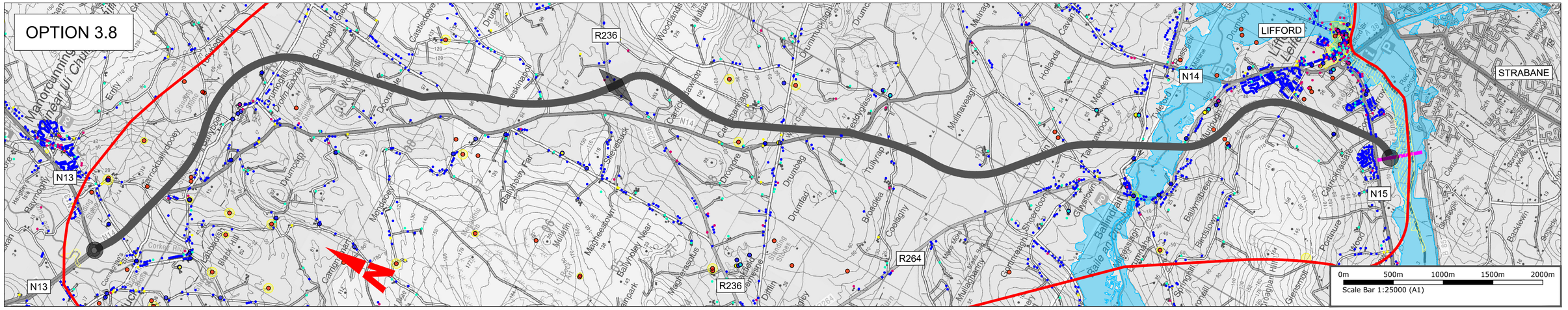
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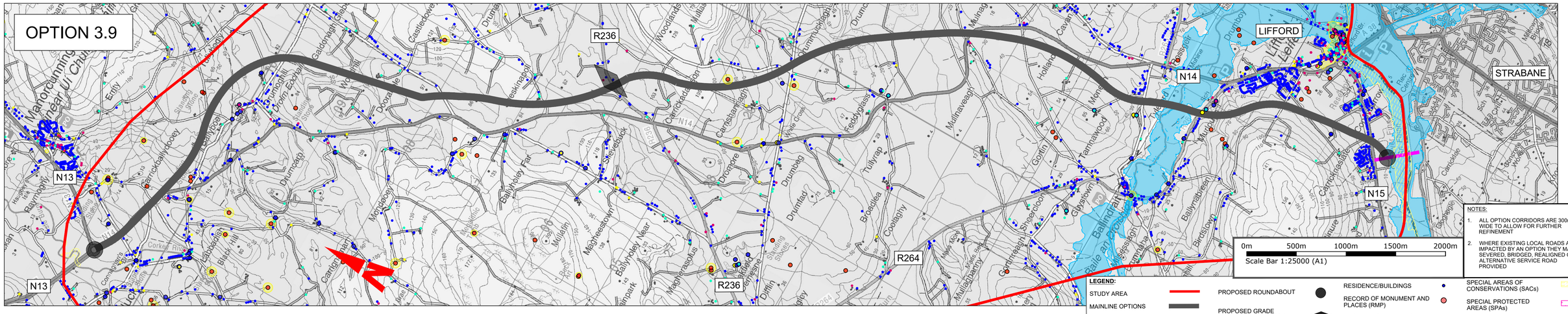
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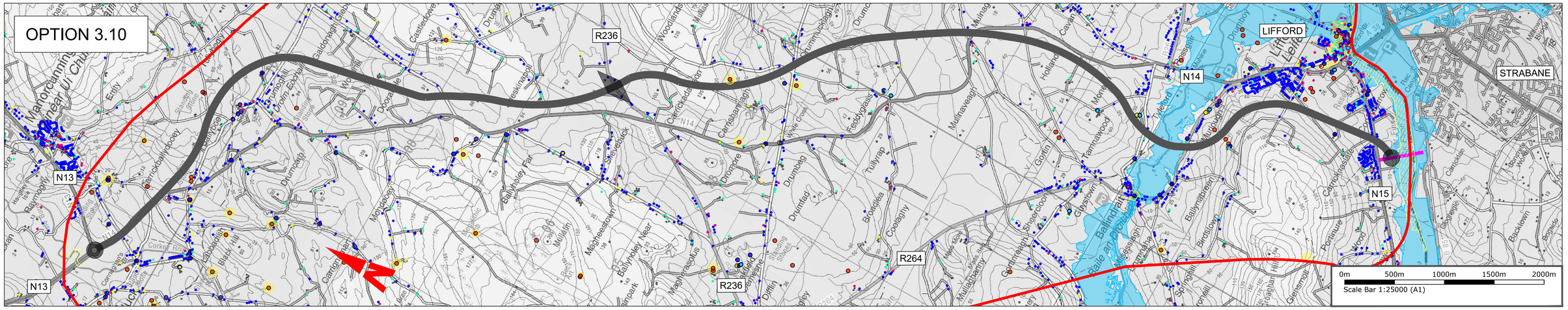
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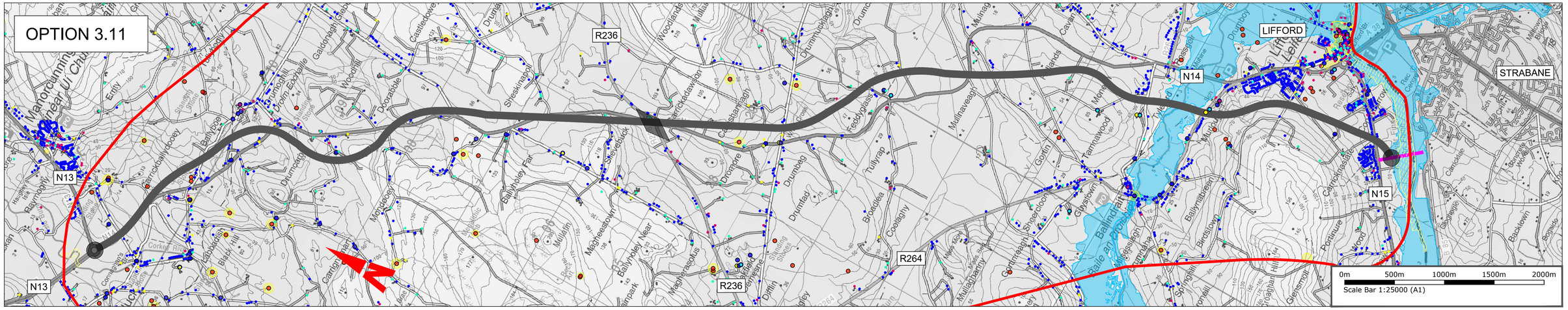
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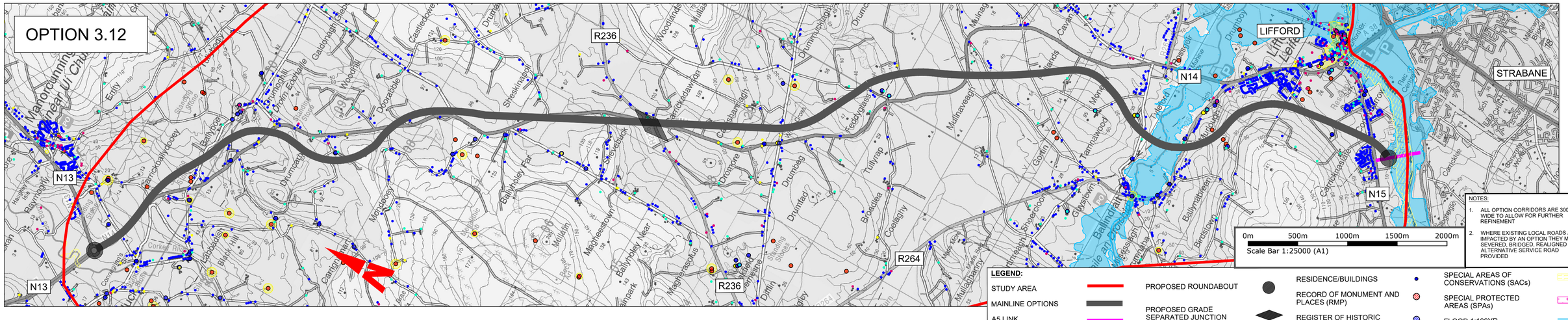
OPTION 3.10



OPTION 3.11



OPTION 3.12



NOTES:

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2. WHERE EXISTING LOCAL ROADS ARE IMPACTED BY AN OPTION THEY MAY BE SEVERED, BRIDGED, REALIGNED OR ALTERNATIVE SERVICE ROAD PROVIDED

LEGEND:

- STUDY AREA
- MAINLINE OPTIONS
- A5 LINK
- PROPOSED ROUNDABOUT
- PROPOSED GRADE SEPARATED JUNCTION
- RESIDENCE/BUILDINGS
- RECORD OF MONUMENT AND PLACES (RMP)
- REGISTER OF HISTORIC MONUMENT (RHM)
- SPECIAL AREAS OF CONSERVATIONS (SACs)
- SPECIAL PROTECTED AREAS (SPAs)
- FLOOD 1:100YR

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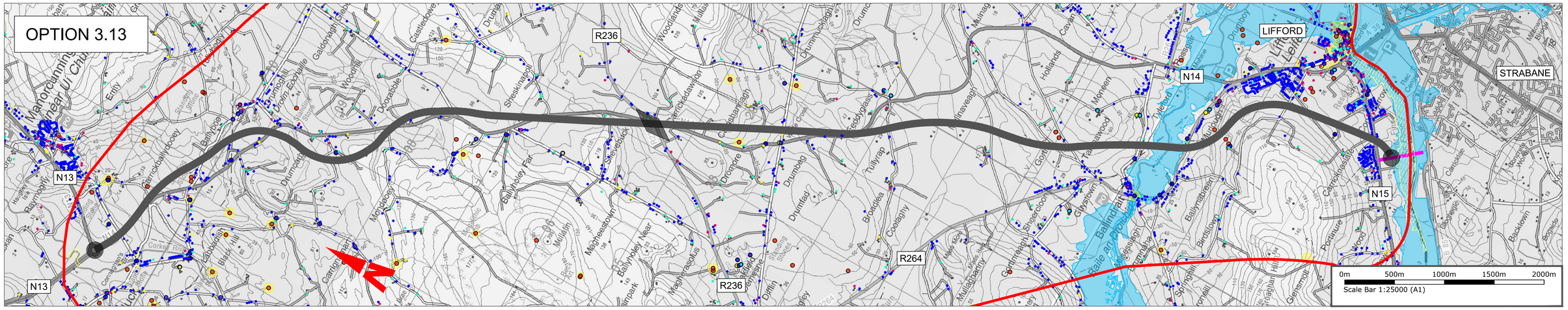
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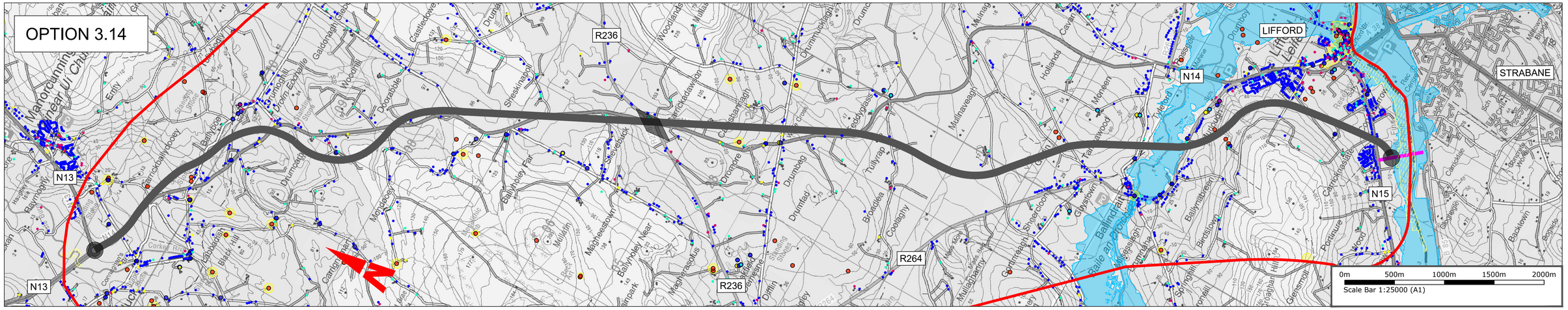
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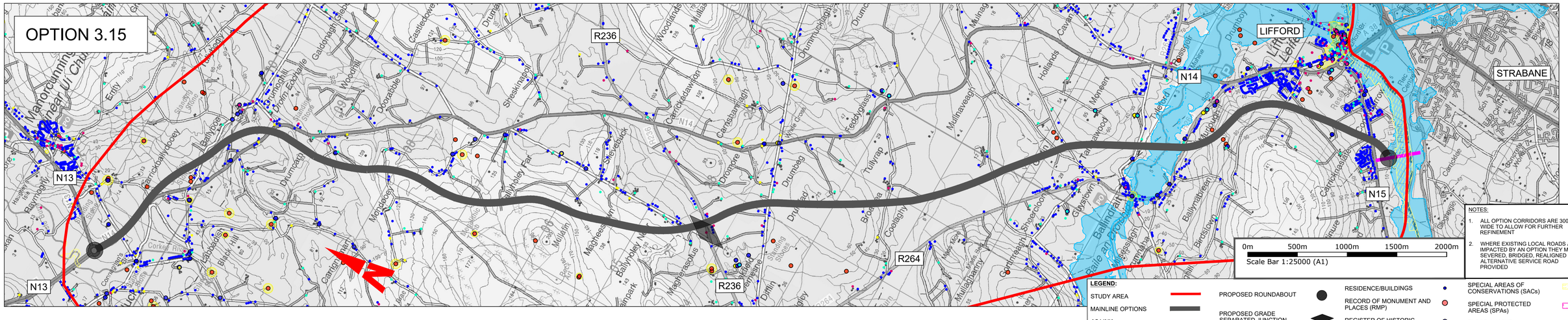
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OPTION 3.14



OPTION 3.15



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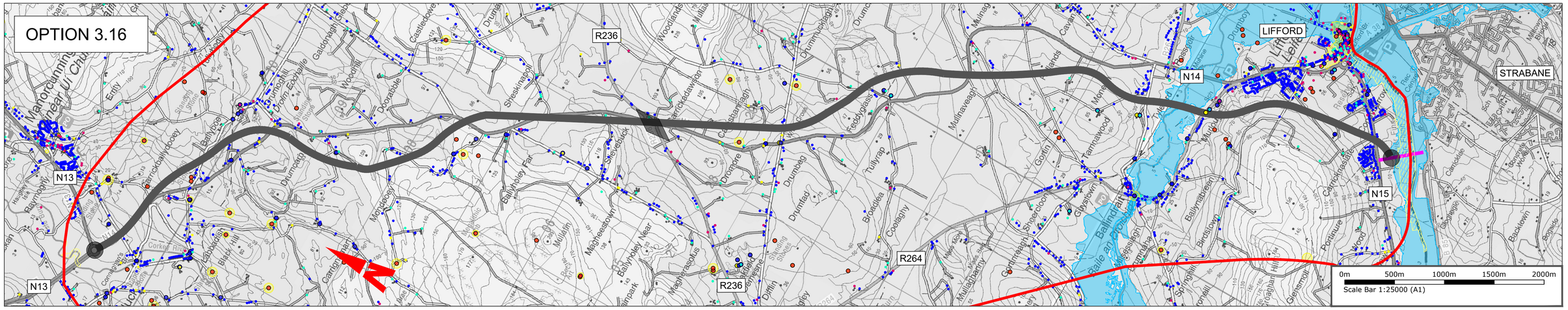
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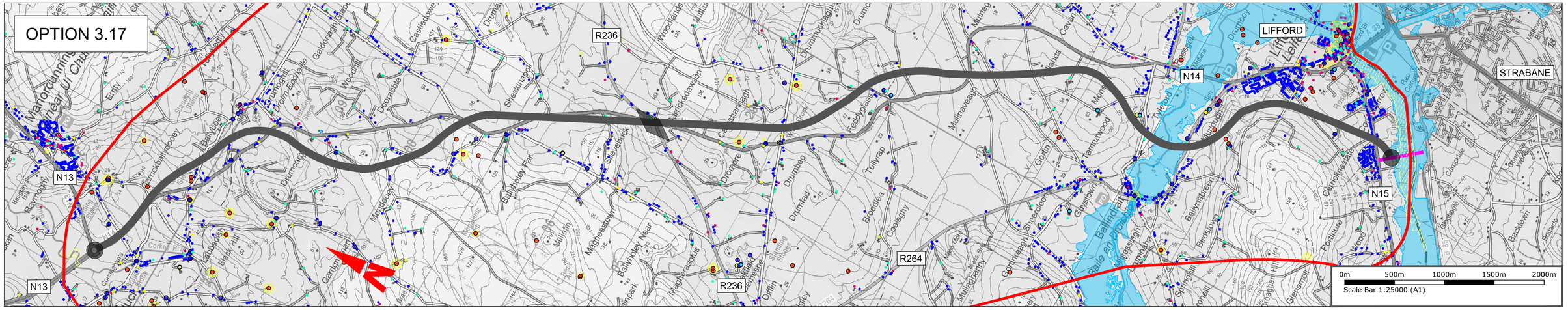
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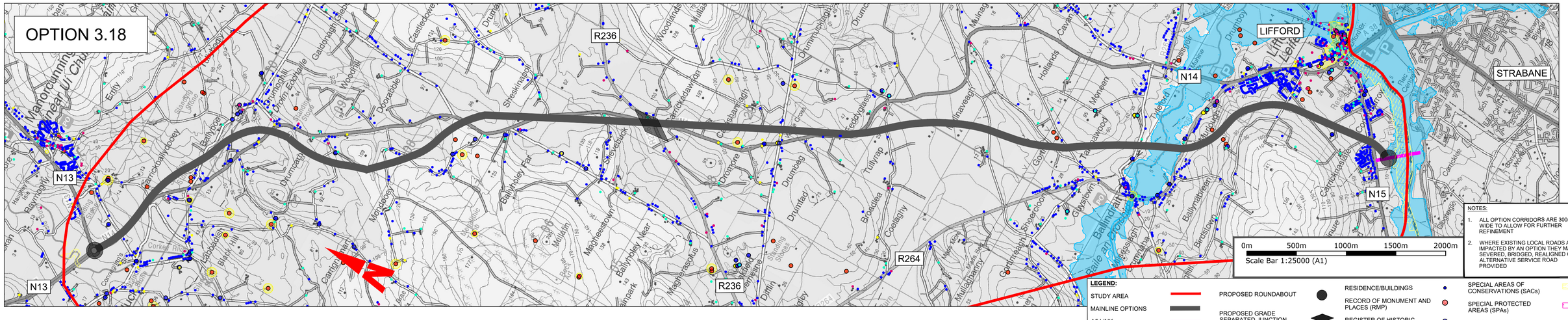
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OPTION 3.17



OPTION 3.18



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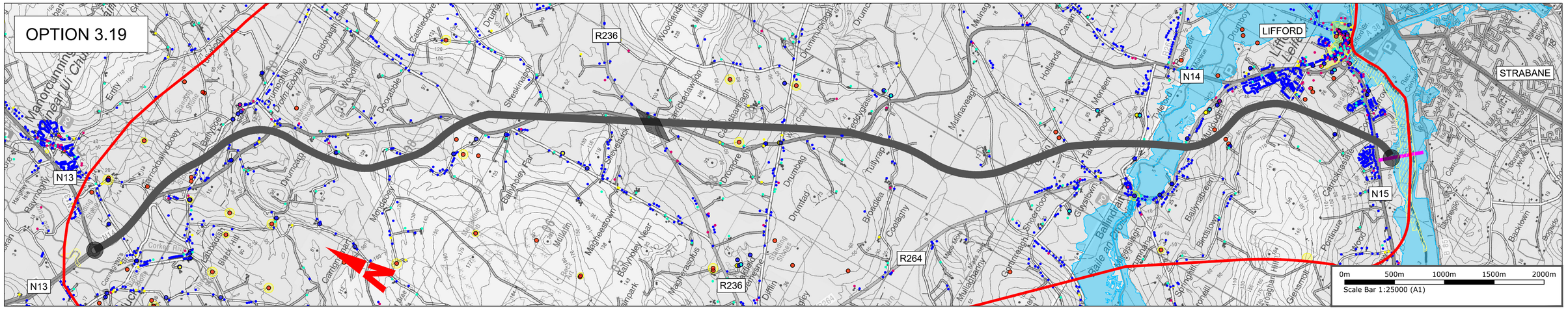
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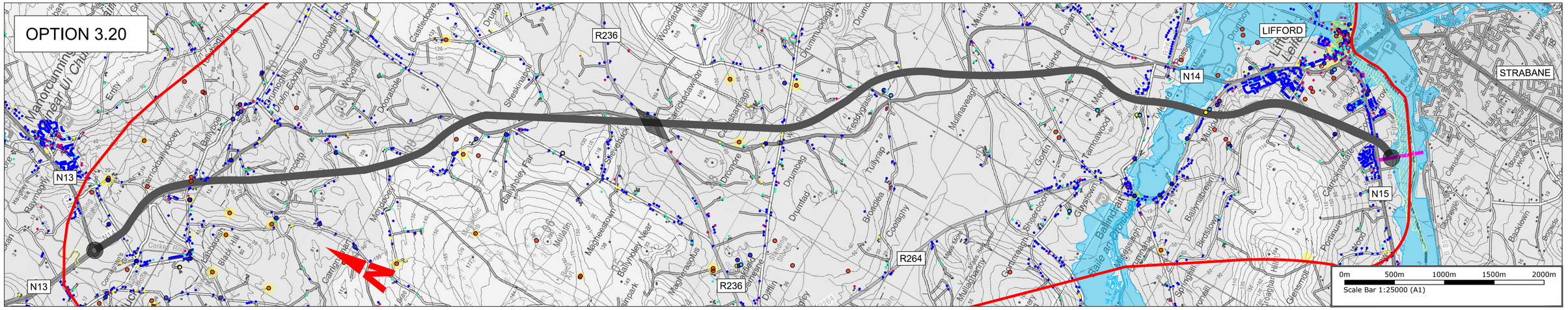
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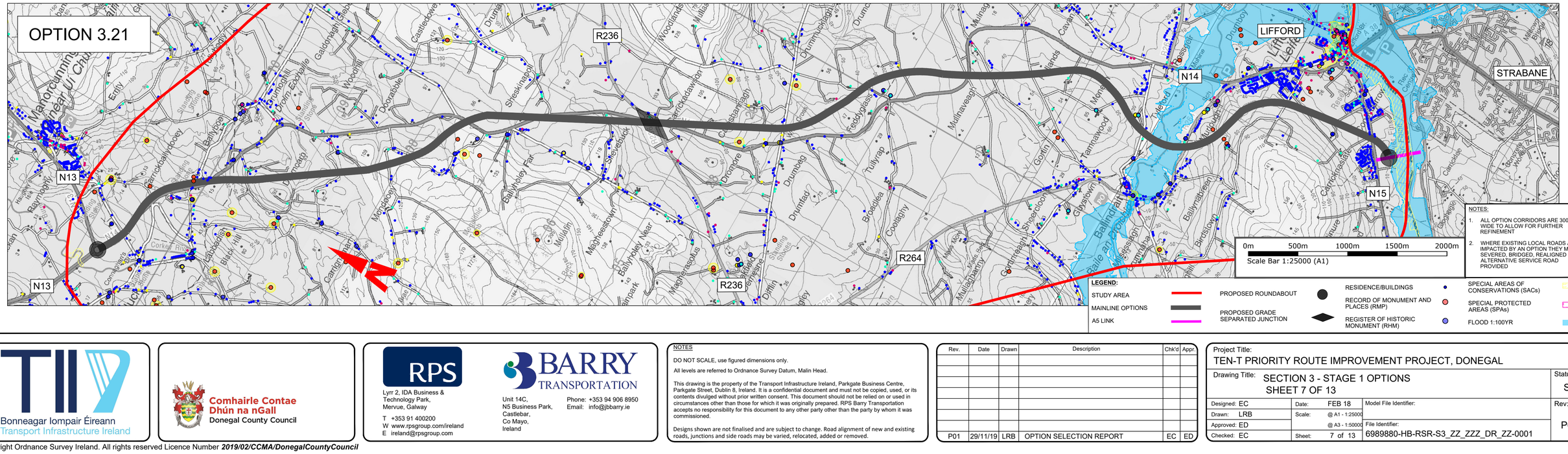
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Approved: ED	@ A3 - 1:50000	File Identifier:	P01
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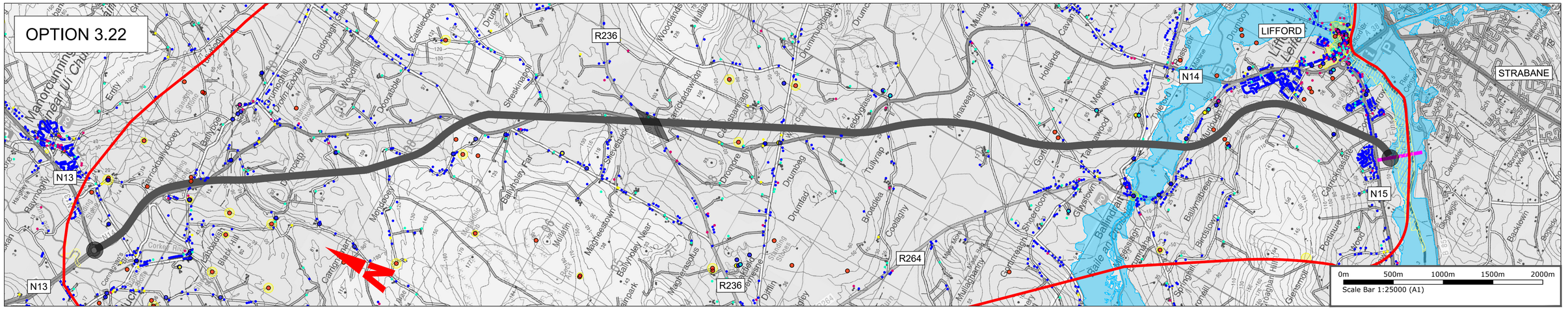
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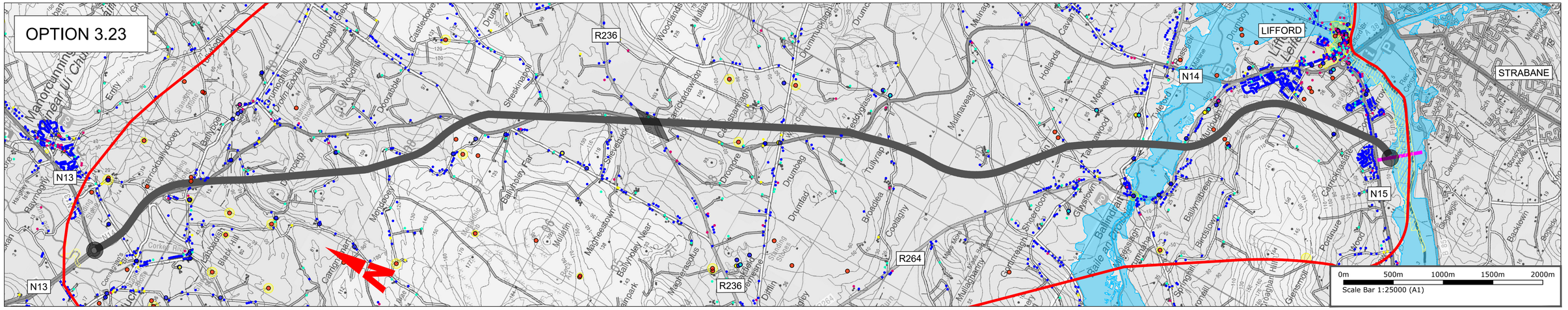
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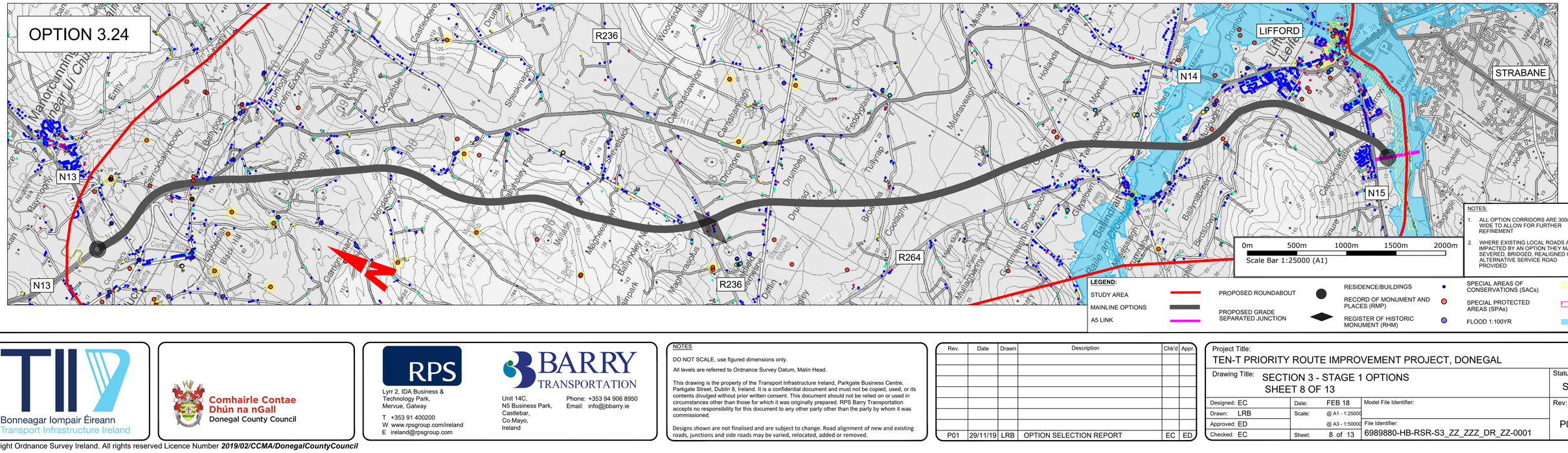
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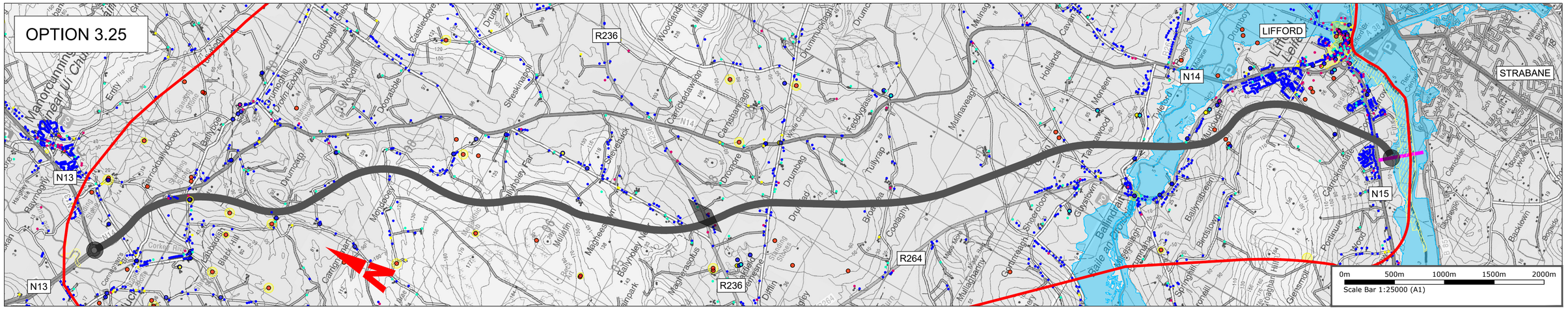
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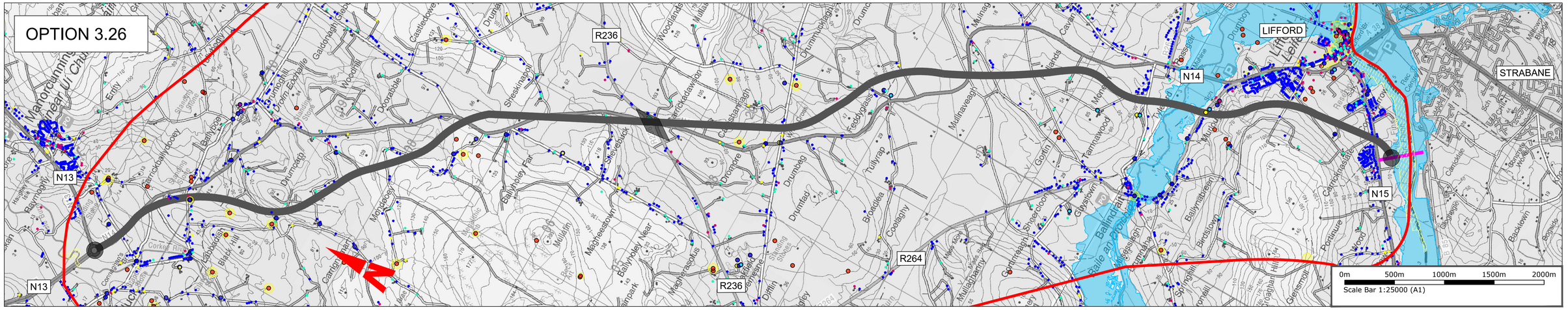
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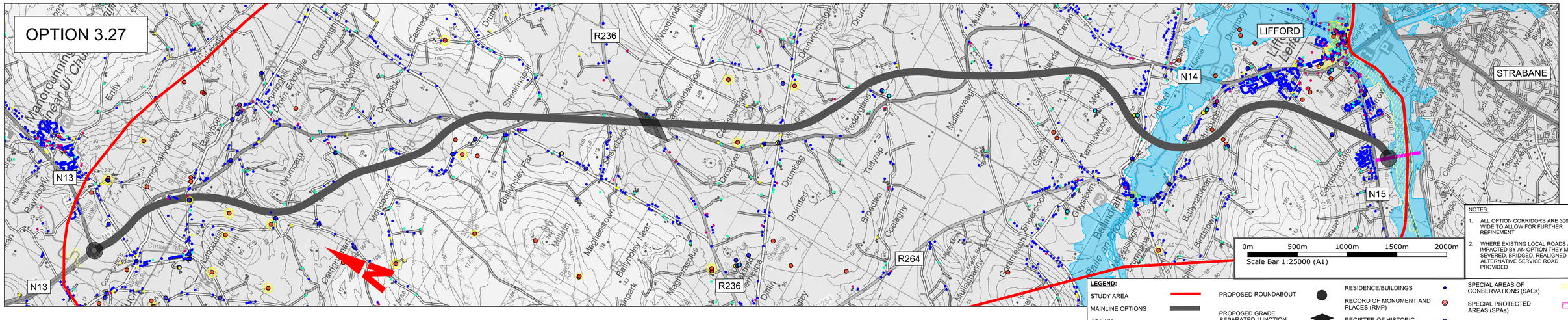
OPTION 3.25



OPTION 3.26



OPTION 3.27



NOTES:

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LEGEND:

- STUDY AREA
- MAINLINE OPTIONS
- A5 LINK
- PROPOSED ROUNDABOUT
- PROPOSED GRADE SEPARATED JUNCTION
- RESIDENCE/BUILDINGS
- RECORD OF MONUMENT AND PLACES (RMP)
- REGISTER OF HISTORIC MONUMENT (RHM)
- SPECIAL AREAS OF CONSERVATIONS (SACs)
- SPECIAL PROTECTED AREAS (SPAs)
- FLOOD 1:100YR

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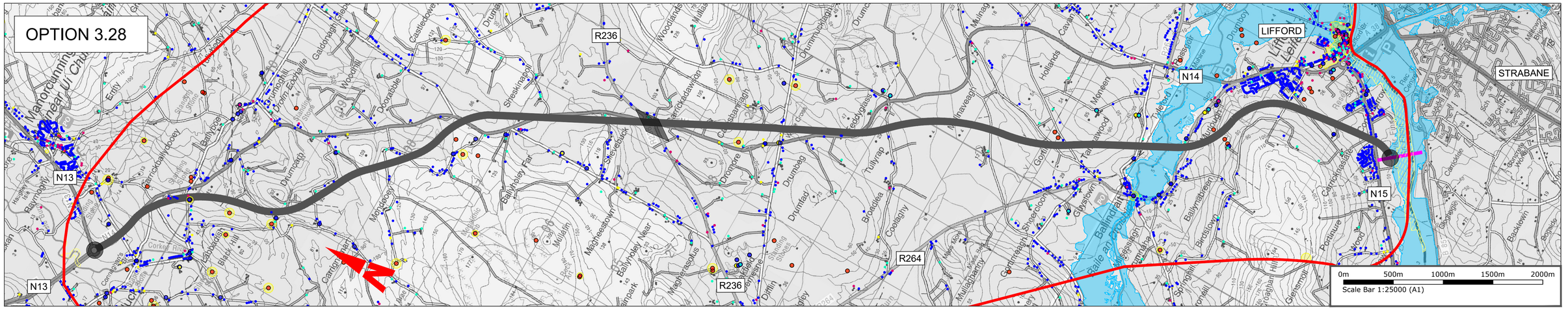
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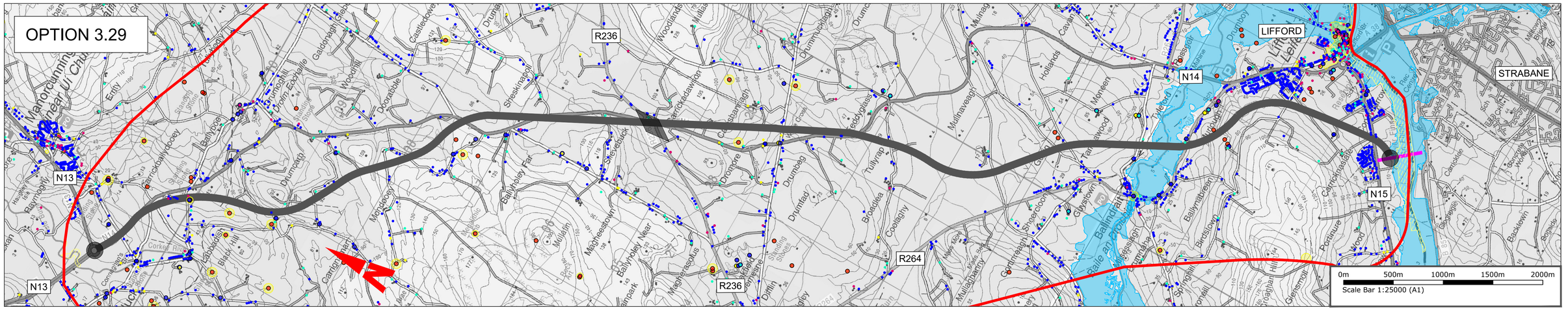
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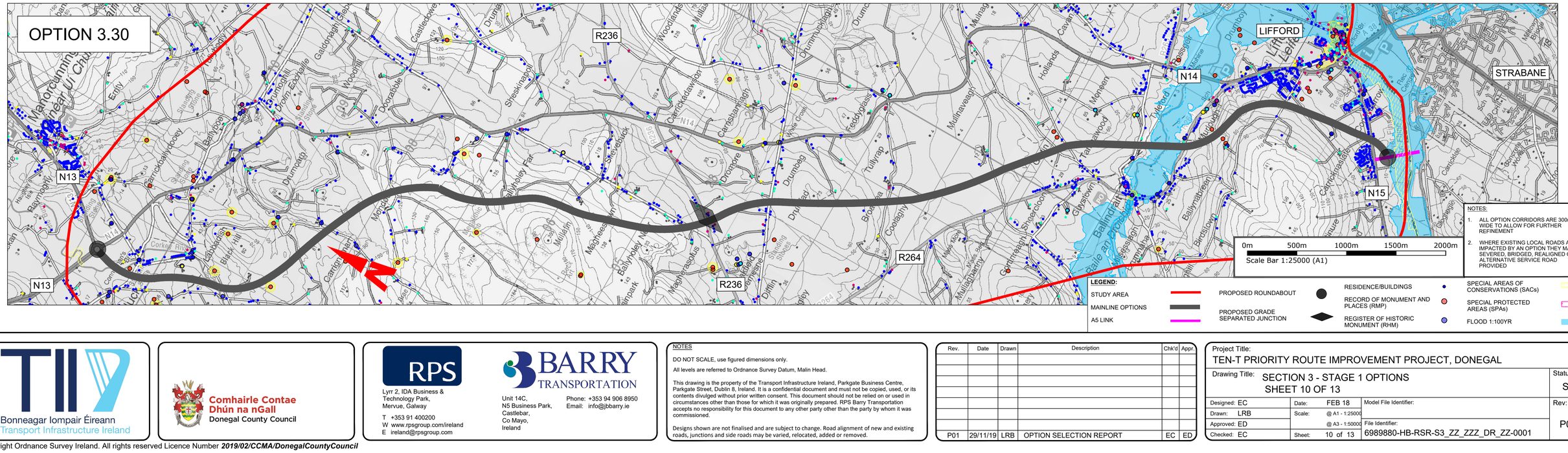
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RPS
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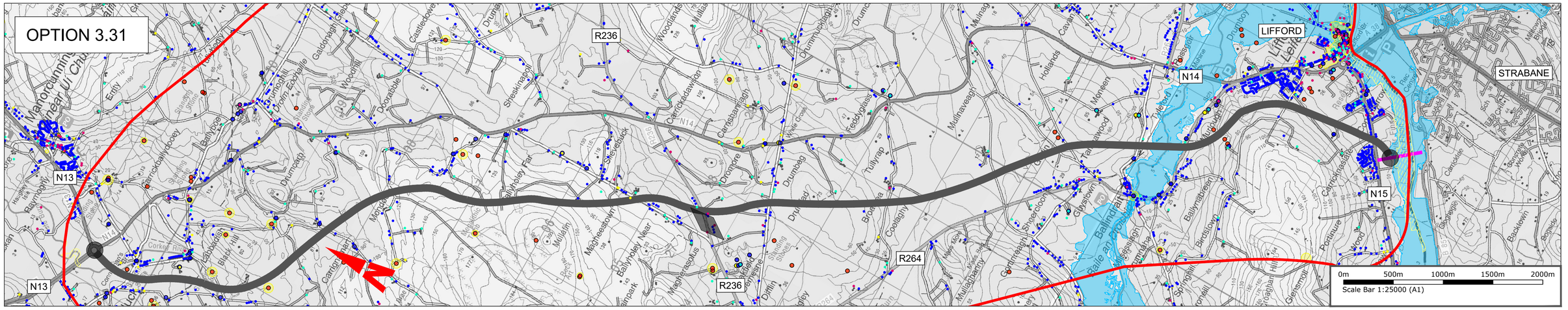
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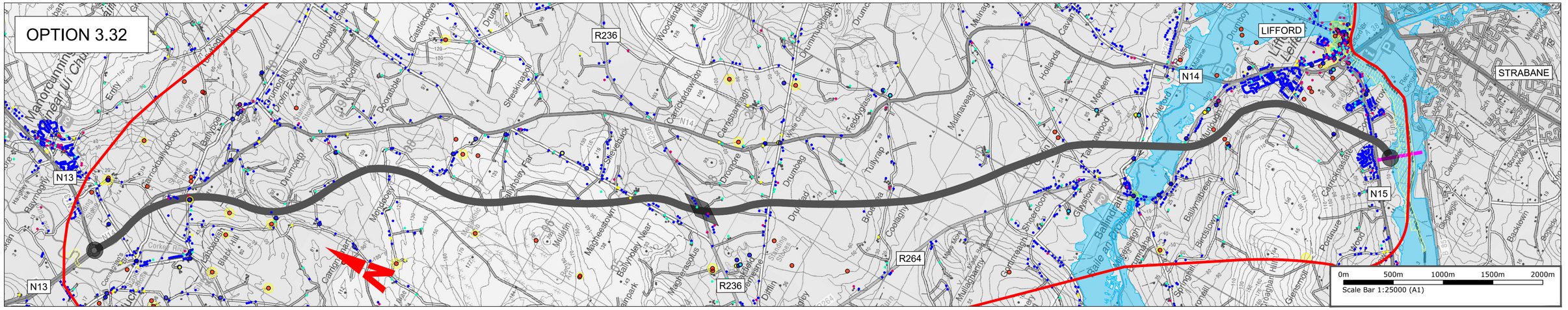
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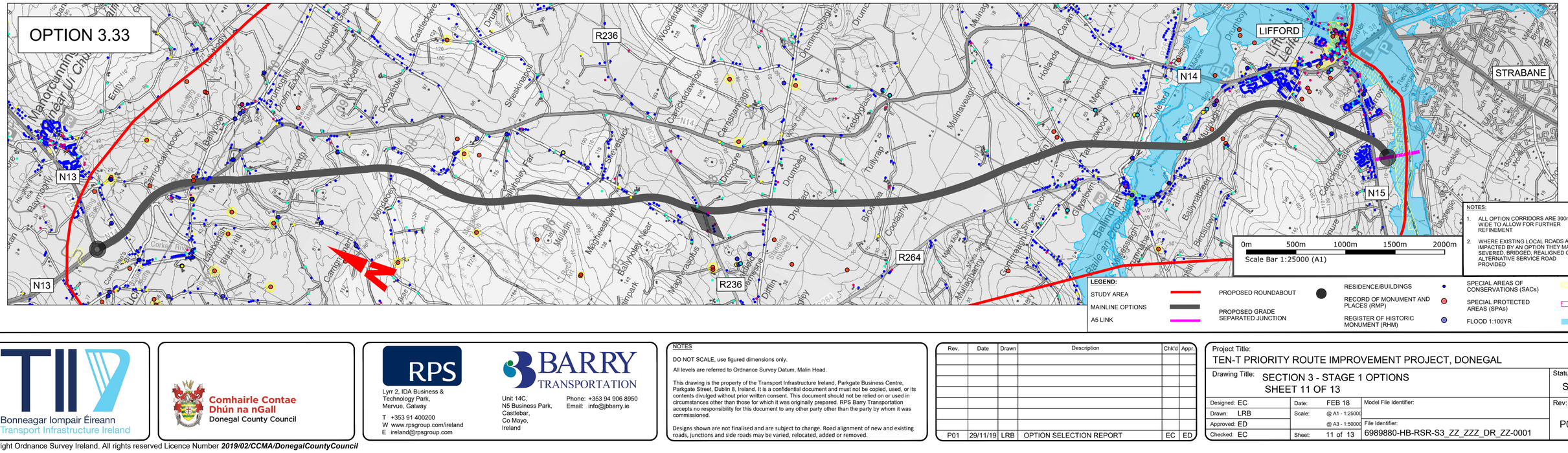
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Drawing Title: SECTION 3 - STAGE 1 OPTIONS SHEET 11 OF 13

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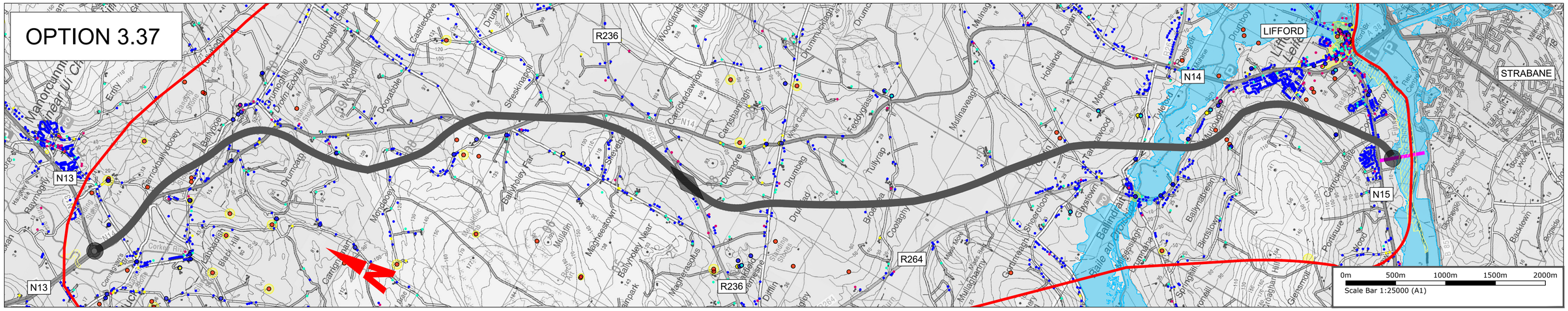
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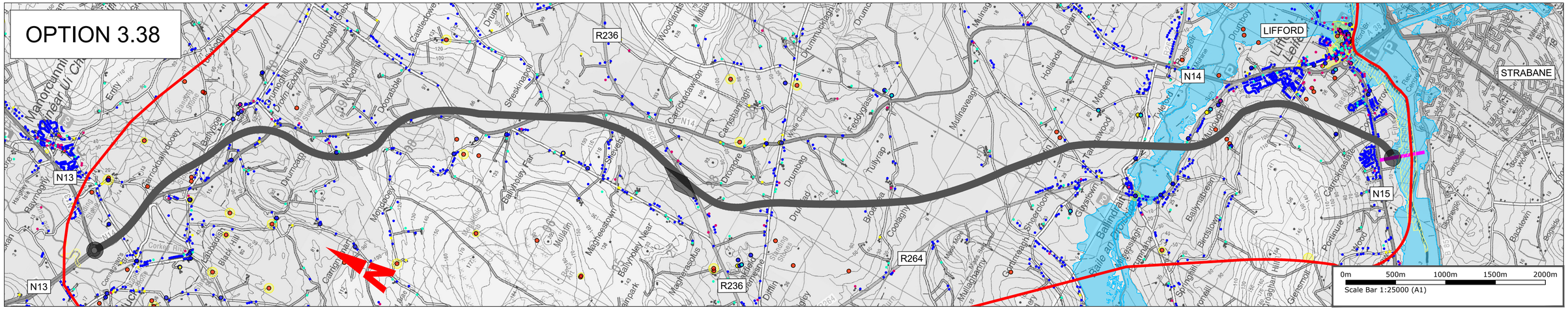
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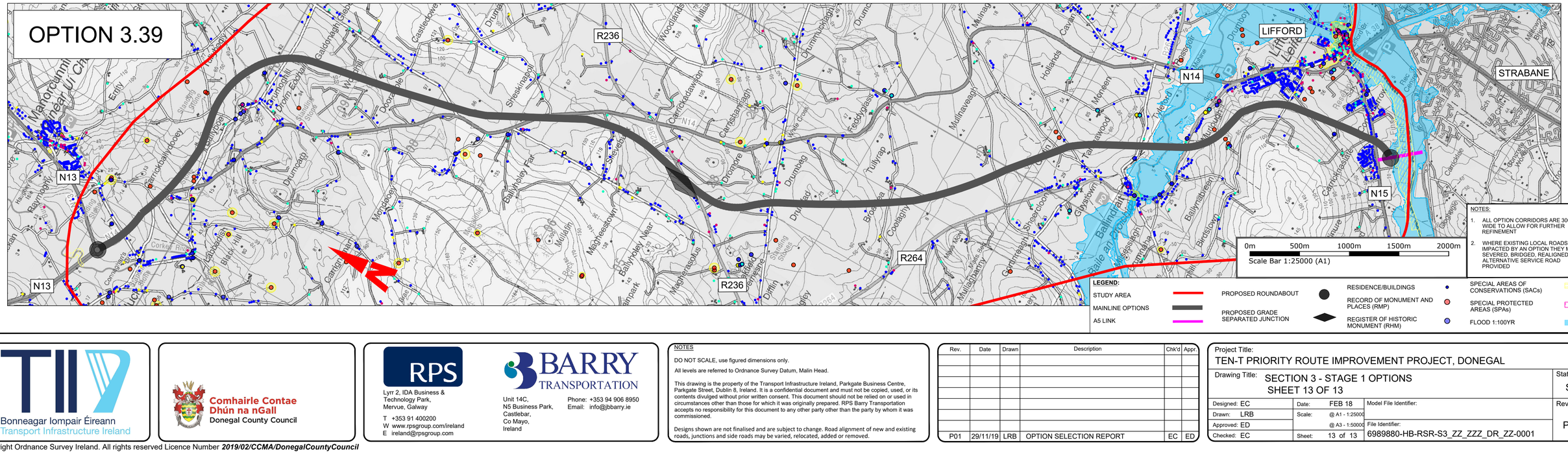
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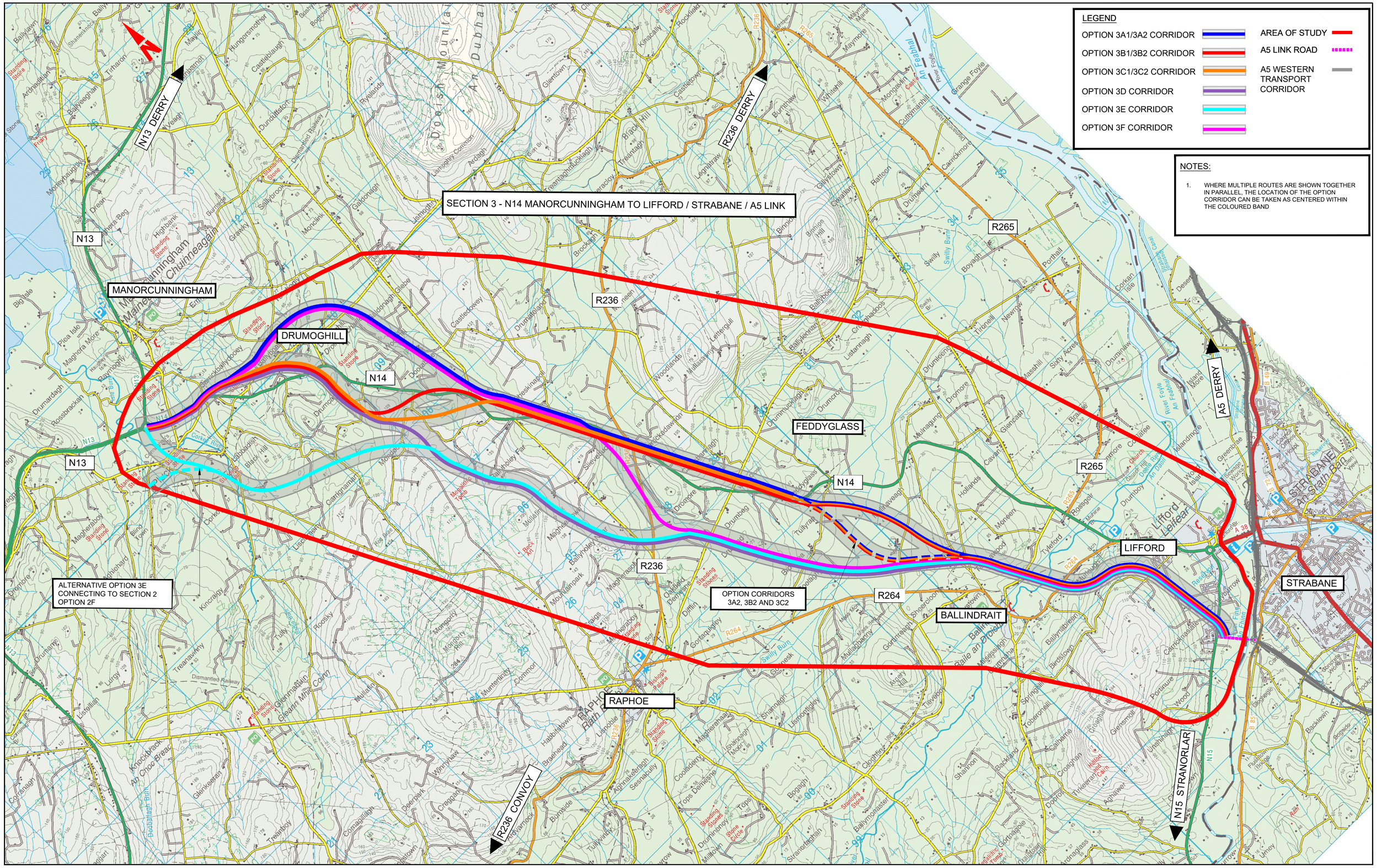
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Status: S4

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Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT, DONEGAL

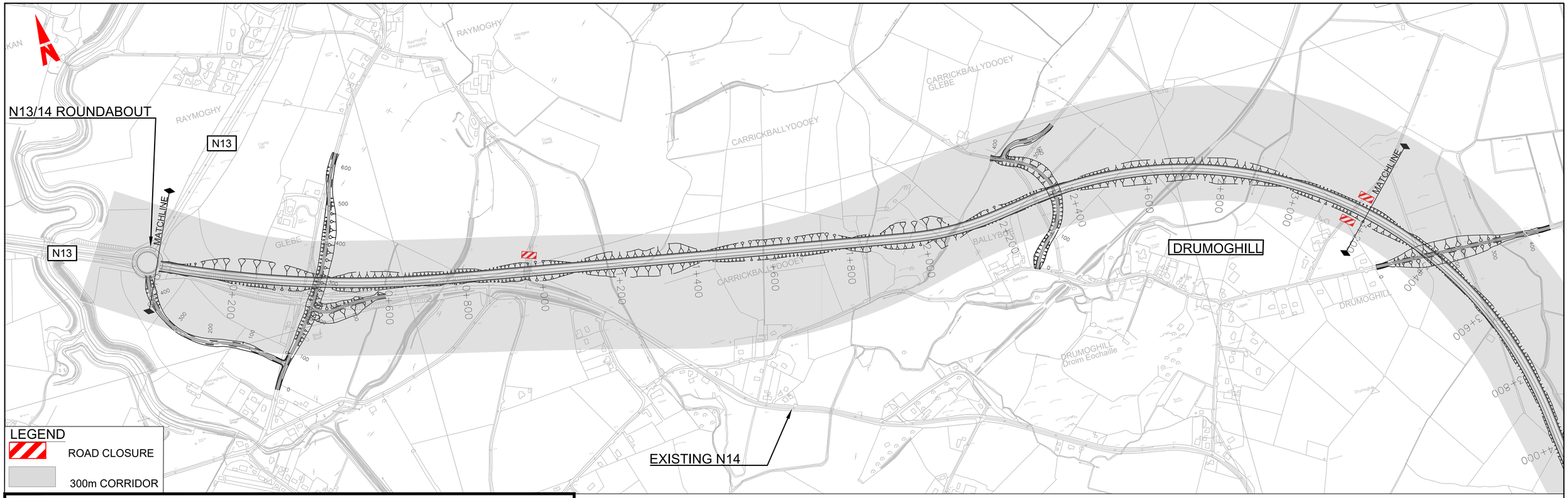
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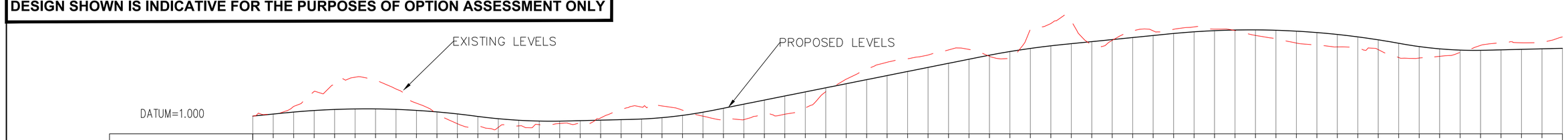
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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.695
100.000	14.439	11.669
150.000	21.759	12.430
200.000	25.610	12.940
250.000	28.735	13.201
300.000	27.315	13.212
350.000	22.960	12.972
400.000	16.015	12.483
450.000	10.882	11.744
500.000	5.957	10.754
550.000	4.504	9.520
600.000	4.192	8.410
650.000	4.891	7.657
700.000	5.482	7.261
750.000	6.080	7.223
800.000	5.658	7.456
850.000	8.795	7.706
900.000	12.825	7.956
950.000	14.111	8.255
1000.000	14.662	8.931
1050.000	12.599	10.044
1100.000	9.666	11.595
1150.000	7.716	13.535
1200.000	7.974	15.535
1250.000	10.540	17.535
1300.000	10.602	19.535
1350.000	13.697	21.535
1400.000	21.645	23.535
1450.000	27.756	25.535
1500.000	32.613	27.535
1550.000	36.051	29.535
1600.000	37.789	31.535
1650.000	39.585	33.535
1700.000	42.085	35.535
1750.000	42.334	37.535
1800.000	38.986	39.516
1850.000	37.920	41.295
1900.000	51.885	42.823
1950.000	55.020	44.101
2000.000	56.109	45.148
2050.000	44.693	46.148
2100.000	46.772	47.148
2150.000	51.404	48.148
2200.000	51.434	49.148
2250.000	52.174	50.141
2300.000	53.358	50.956
2350.000	52.269	51.520
2400.000	51.601	51.834
2450.000	49.198	51.899
2500.000	47.527	51.713
2550.000	45.457	51.278
2600.000	44.471	50.592
2650.000	43.555	49.656
2700.000	42.881	48.471
2750.000	42.238	47.035
2800.000	38.374	45.350
2850.000	38.135	43.736
2900.000	38.953	42.620
2950.000	40.884	42.005
3000.000	44.310	41.889
3050.000	45.632	42.126
3100.000	45.597	42.376
3150.000	45.739	42.626
3200.000	48.459	42.876

HORIZ. ALIGN.	VERT. ALIGN.
R=-2882.0 L=754.4	P
	R=-10000.0 L=466.6
D=1149.8	R=7000.0 L=221.6
	P=0.5% L=160.9
CL	R=5714.3 L=200.0
R=-720.0 L=138.3	P=4.0% L=654.4
CL	
CL	R=-10000.0 L=200.0
R=1020.0 L=1577.0	P=2.0% L=257.2
	R=-10000.0 L=565.8
	R=5000.0 L=207.9
	P=0.5% L=862.2

CHAINAGE: 0+000 -3+200

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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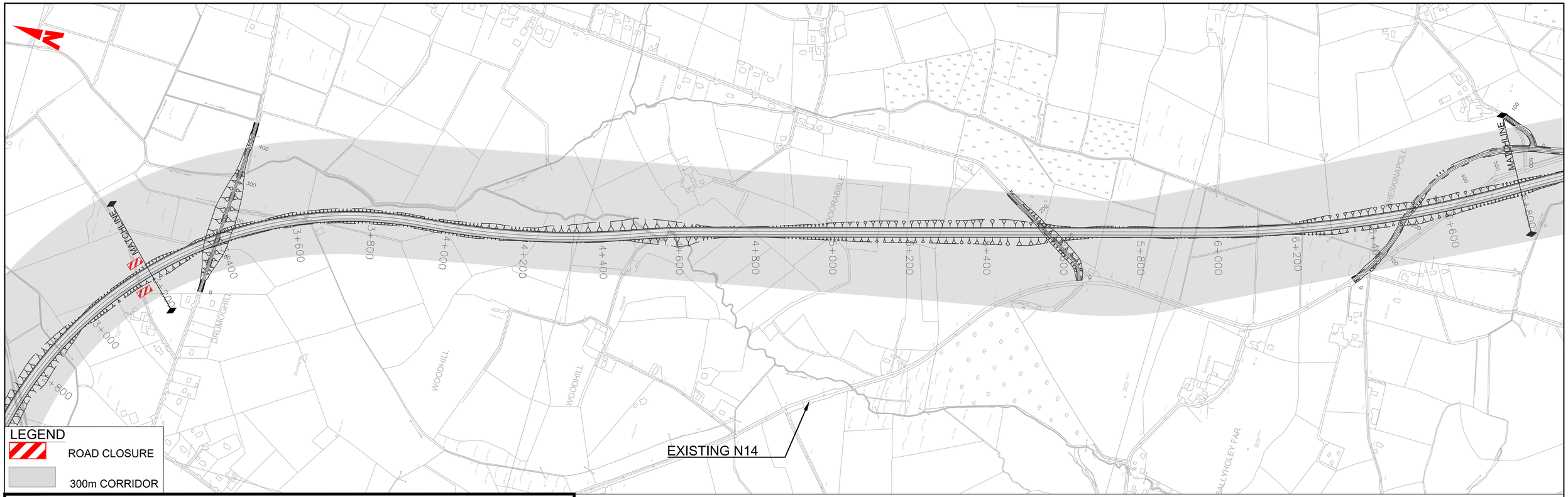
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

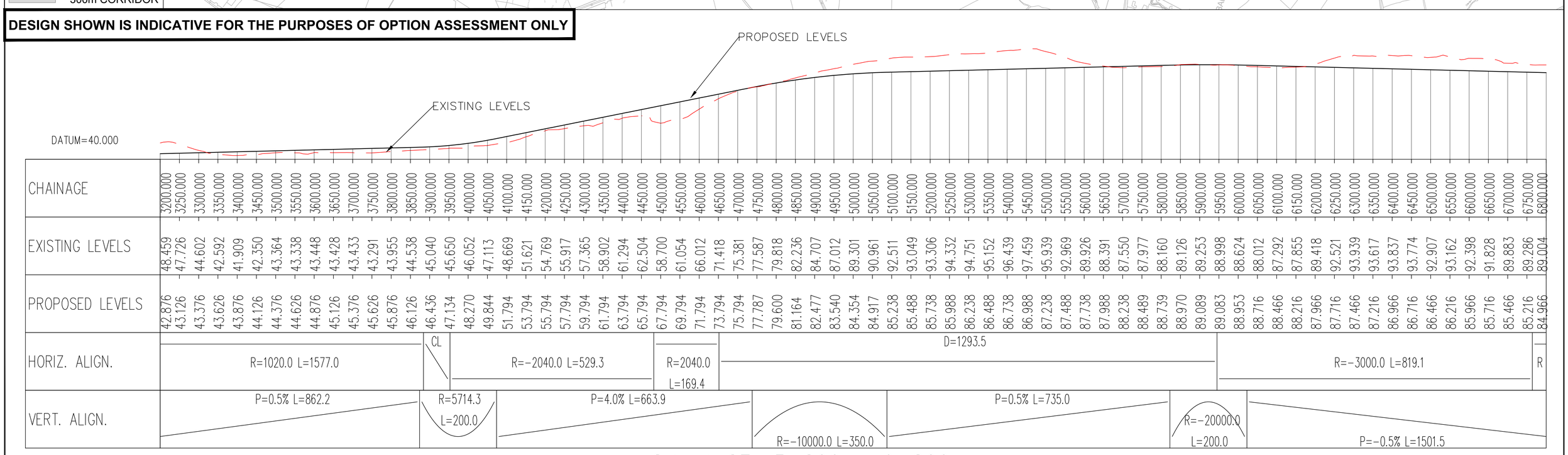
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A1 PLAN & PROFILE
FIGURE 3A1 SHEET 1 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 TO 00105 3A1 PLAN AND PROFILES	Drawing No. Y16112-0100-3A1-0101	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 to 00105 3A1 Plan and Profiles.dwg



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CHAINAGE: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
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E ireland@rpsgroup.com

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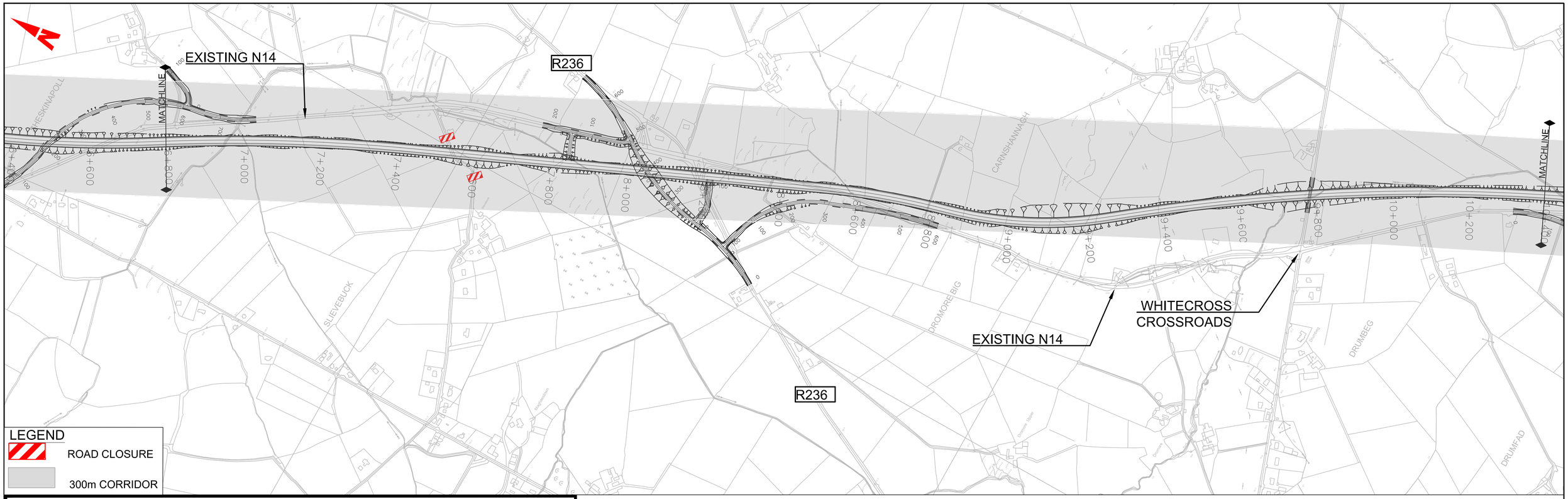
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

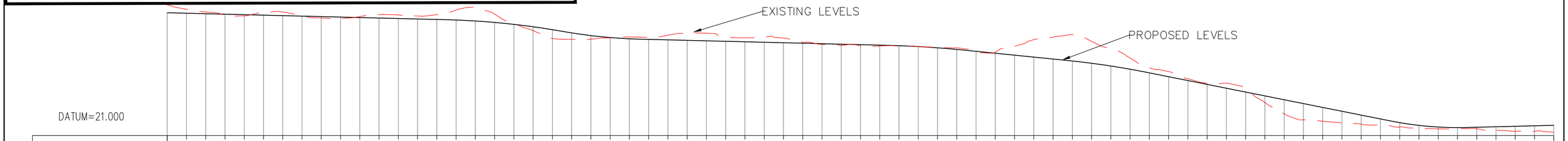
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A1 PLAN & PROFILE
FIGURE 3A1 SHEET 2 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 TO 00105 3A1 PLAN AND PROFILES	Drawing No. Y16112-3A1-0100-0102	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 to 00105 3A1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
6800.000	89.004	84.966	R=5000.0 L=661.6	P=-0.5% L=1501.5
6850.000	86.757	84.716		
6900.000	85.383	84.466		
6950.000	83.664	84.216		
7000.000	83.345	83.966		
7050.000	85.071	83.716		
7100.000	85.355	83.466		
7150.000	83.371	83.216		
7200.000	82.231	82.966		
7250.000	81.899	82.716		
7300.000	82.973	82.466		
7350.000	84.030	82.216		
7400.000	83.824	81.966		
7450.000	83.255	81.716		
7500.000	83.941	81.466		
7550.000	86.320	81.182	D=1070.2	R=-10000.0 L=302.3
7600.000	87.649	80.678		
7650.000	84.274	79.925		
7700.000	79.338	78.921		
7750.000	75.675	77.667		
7800.000	71.521	76.163		
7850.000	71.194	74.478		R=6671.7 L=201.7
7900.000	71.189	73.079		
7950.000	71.889	72.056		
8000.000	72.377	71.407		
8050.000	72.209	71.097		
8100.000	73.266	70.847		
8150.000	74.331	70.597		
8200.000	74.277	70.347		
8250.000	72.224	70.097		
8300.000	71.881	69.847		
8350.000	72.183	69.597		
8400.000	71.784	69.347		
8450.000	69.546	69.097		
8500.000	68.468	68.847		
8550.000	67.958	68.597		
8600.000	67.767	68.347		
8650.000	67.649	68.097		
8700.000	67.576	67.810		
8750.000	67.307	67.350		
8800.000	66.800	66.705		
8850.000	66.707	65.875	R=2040.0 L=308.9	R=-13500.0 L=204.4
8900.000	64.832	64.887	CL	
8950.000	64.426	63.880		
9000.000	67.480	62.873	R=-1020.0 L=341.8	P=-2.0% L=263.8
9050.000	70.949	61.866		
9100.000	72.273	60.859		
9150.000	73.489	59.843		R=-10500.0 L=208.5
9200.000	70.081	58.653	CL	
9250.000	66.345	57.225		
9300.000	61.395	55.558	R=5000.0 L=1383.8	P=-4.0% L=628.9
9350.000	56.204	53.655		
9400.000	54.311	51.655		
9450.000	50.561	49.655		
9500.000	48.142	47.655		
9550.000	48.328	45.655		
9600.000	45.333	43.655		
9650.000	38.194	41.655		
9700.000	32.353	39.655		
9750.000	29.194	37.655		
9800.000	28.439	35.655		
9850.000	27.582	33.655		
9900.000	26.934	31.655		
9950.000	26.394	29.655		
10000.000	25.479	27.732		R=4444.4 L=200.0
10050.000	24.789	26.306		
10100.000	24.480	25.444		
10150.000	24.715	25.144		P=0.5% L=255.9
10200.000	24.589	25.329		
10250.000	23.754	25.579		
10300.000	23.233	25.829		
10350.000	23.259	26.079		
10400.000	22.720	26.329		

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CHAINAGE: 6+800 10+400

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
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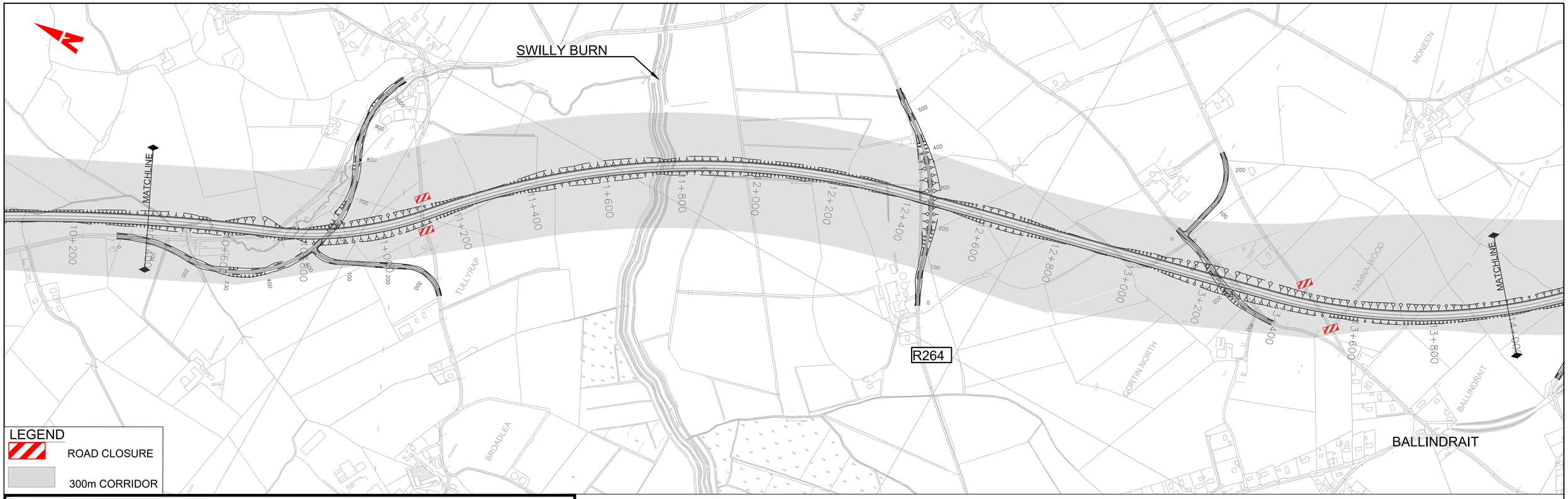
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

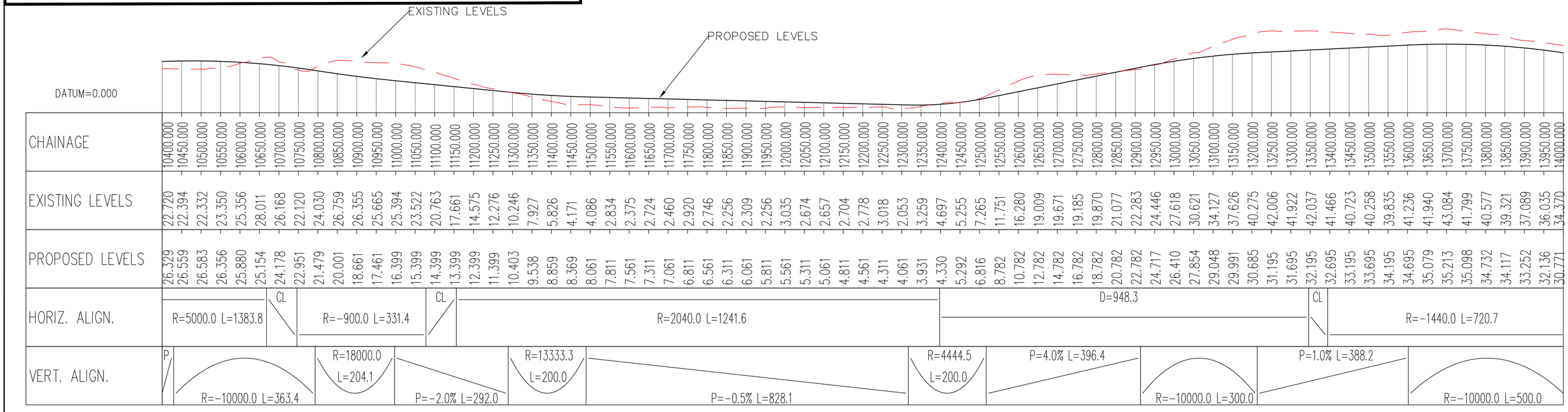
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A1 PLAN & PROFILE
FIGURE 3A1 SHEET 3 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 TO 00105 3A1 PLAN AND PROFILES	Drawing No. Y16112-3A1-0100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 to 00105 3A1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	22.720	26.329
10450.000	22.394	26.559
10500.000	22.332	26.583
10550.000	23.350	26.356
10600.000	25.356	25.880
10650.000	28.011	25.154
10700.000	26.168	24.178
10750.000	22.120	22.951
10800.000	24.030	21.479
10850.000	26.759	20.001
10900.000	26.355	18.661
10950.000	25.665	17.461
11000.000	25.394	16.399
11050.000	23.522	15.399
11100.000	20.763	14.399
11150.000	17.661	13.399
11200.000	14.575	12.399
11250.000	12.276	11.399
11300.000	10.246	10.403
11350.000	7.927	9.538
11400.000	5.826	8.859
11450.000	4.171	8.369
11500.000	4.086	8.061
11550.000	2.834	7.811
11600.000	2.375	7.561
11650.000	2.724	7.311
11700.000	2.460	7.061
11750.000	2.920	6.811
11800.000	2.746	6.561
11850.000	2.256	6.311
11900.000	2.309	6.061
11950.000	2.256	5.811
12000.000	3.035	5.561
12050.000	2.674	5.311
12100.000	2.657	5.061
12150.000	2.704	4.811
12200.000	2.778	4.561
12250.000	3.018	4.311
12300.000	2.053	4.061
12350.000	3.259	3.931
12400.000	4.697	4.330
12450.000	5.255	5.292
12500.000	7.265	6.816
12550.000	11.751	8.782
12600.000	16.280	10.782
12650.000	19.009	12.782
12700.000	19.671	14.782
12750.000	19.185	16.782
12800.000	19.870	18.782
12850.000	21.077	20.782
12900.000	22.283	22.782
12950.000	24.446	24.717
13000.000	27.618	26.410
13050.000	30.621	27.854
13100.000	34.127	29.048
13150.000	37.626	29.991
13200.000	40.275	30.685
13250.000	42.006	31.195
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13350.000	42.037	32.195
13400.000	41.466	32.695
13450.000	40.723	33.195
13500.000	40.258	33.695
13550.000	39.835	34.195
13600.000	41.236	34.695
13650.000	41.940	35.079
13700.000	43.084	35.213
13750.000	41.799	35.098
13800.000	40.577	34.732
13850.000	39.321	34.117
13900.000	37.089	33.252
13950.000	36.035	32.136
14000.000	34.370	30.771

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=1383.8	P; R=−10000.0 L=363.4
CL	R=18000.0 L=204.1
R=−900.0 L=331.4	P=−2.0% L=292.0
CL	R=13333.3 L=200.0
R=2040.0 L=1241.6	P=−0.5% L=828.1
D=948.3	R=4444.5 L=200.0
	P=4.0% L=396.4
CL	R=−10000.0 L=300.0
R=−1440.0 L=720.7	P=1.0% L=388.2; R=−10000.0 L=500.0

CHAINAGE: 10+400 – 14+000

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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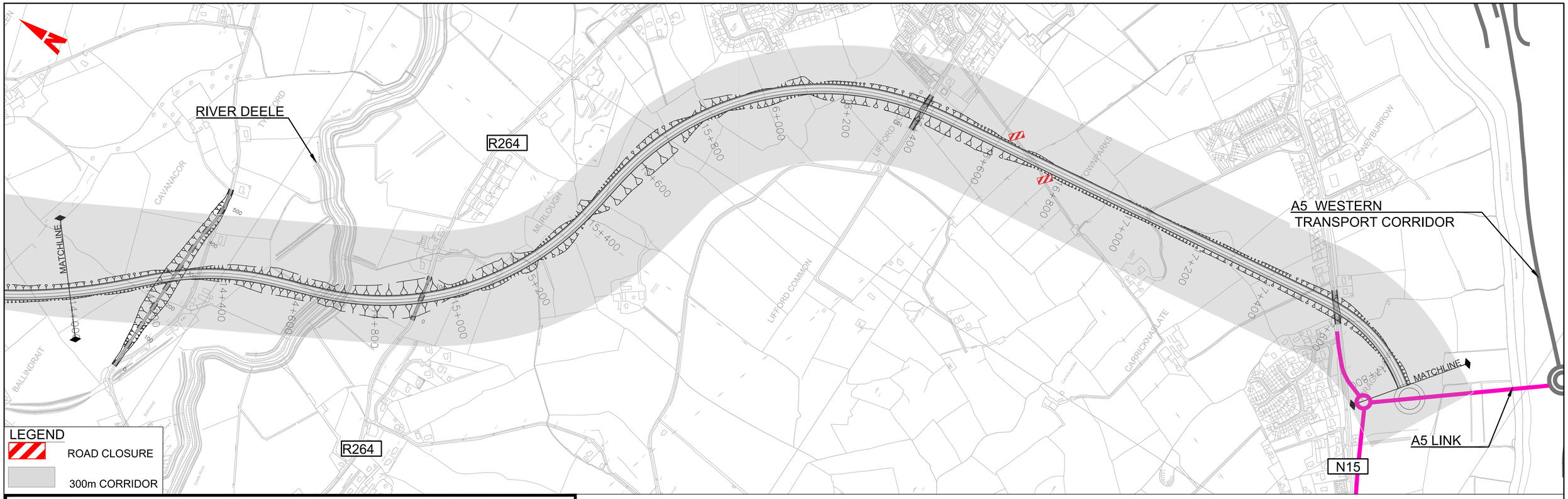
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

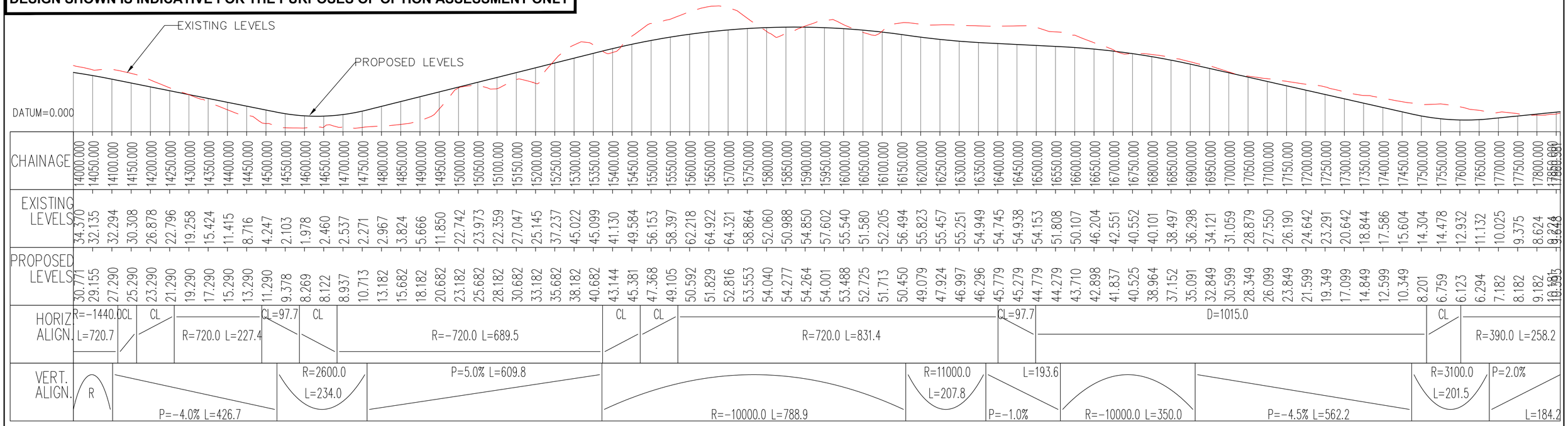
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A1 PLAN & PROFILE
FIGURE 3A1 SHEET 4 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 TO 00105 3A1 PLAN AND PROFILES	Drawing No. Y16112-3A1-0100-0104	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\HalcrowBarryVY16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 to 00105 3A1 Plan and Profiles.dwg



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CHAINAGE: 14+000 – 17+899

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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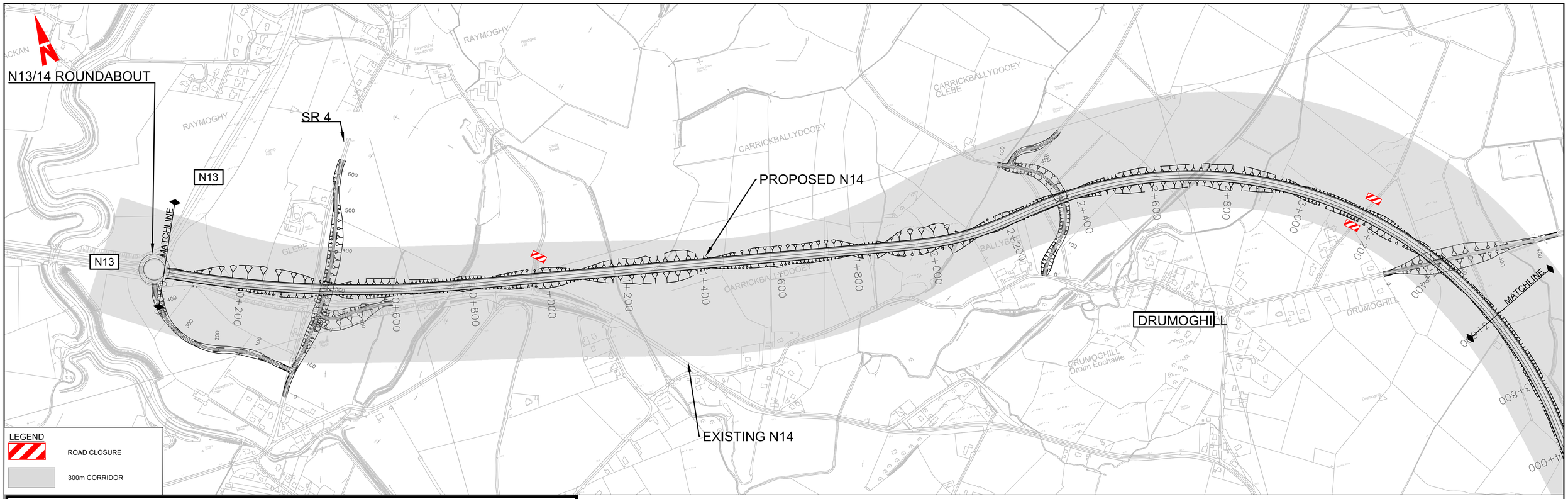
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Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

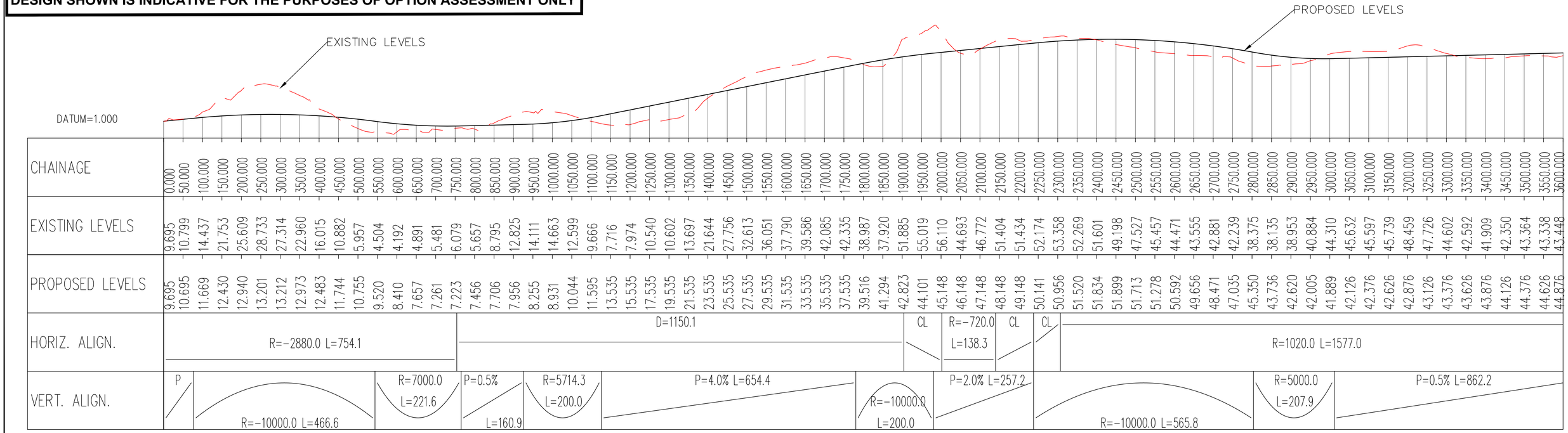
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A1 PLAN & PROFILE FIGURE 3A1 SHEET 5 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 TO 00105 3A1 PLAN AND PROFILES	Drawing No. Y16112-3A1-0100-0105	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A1-DR-CH-00101 to 00105 3A1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
0.000	9.695	9.695	R=-2880.0 L=754.1	P
50.000	10.799	10.695		
100.000	14.437	11.669		
150.000	21.753	12.430		
200.000	25.609	12.940		R=-10000.0 L=466.6
250.000	28.733	13.201		
300.000	27.314	13.212		
350.000	22.960	12.973		
400.000	16.015	12.483		
450.000	10.882	11.744		
500.000	5.957	10.755		
550.000	4.504	9.520		
600.000	4.192	8.410		R=7000.0 L=221.6
650.000	4.891	7.657		
700.000	5.481	7.261		
750.000	6.079	7.223		P=0.5% L=160.9
800.000	5.657	7.456		
850.000	8.795	7.706		R=5714.3 L=200.0
900.000	12.825	7.956		
950.000	14.111	8.255		
1000.000	14.663	8.931	D=1150.1	
1050.000	12.599	10.044		
1100.000	9.666	11.595		
1150.000	7.716	13.535		
1200.000	7.974	15.535		P=4.0% L=654.4
1250.000	10.540	17.535		
1300.000	10.602	19.535		
1350.000	13.697	21.535		
1400.000	21.644	23.535		
1450.000	27.756	25.535		
1500.000	32.613	27.535		
1550.000	36.051	29.535		
1600.000	37.790	31.535		
1650.000	39.586	33.535		
1700.000	42.085	35.535		
1750.000	42.335	37.535		
1800.000	38.987	39.516		
1850.000	37.920	41.294		R=-10000.0 L=200.0
1900.000	51.885	42.823		
1950.000	55.019	44.101	CL	
2000.000	56.110	45.148		
2050.000	44.693	46.148	R=-720.0 L=138.3	P=2.0% L=257.2
2100.000	46.772	47.148		
2150.000	51.404	48.148	CL	
2200.000	51.434	49.148		
2250.000	52.174	50.141	CL	
2300.000	53.358	50.956		
2350.000	52.269	51.520	R=1020.0 L=1577.0	R=-10000.0 L=565.8
2400.000	51.601	51.834		
2450.000	49.198	51.899		
2500.000	47.527	51.713		
2550.000	45.457	51.278		
2600.000	44.471	50.592		R=5000.0 L=207.9
2650.000	43.555	49.656		
2700.000	42.881	48.471		
2750.000	42.239	47.035		
2800.000	38.375	45.350		
2850.000	38.135	43.736		P=0.5% L=862.2
2900.000	38.953	42.620		
2950.000	40.884	42.005		
3000.000	44.310	41.889		
3050.000	45.632	42.126		
3100.000	45.597	42.376		
3150.000	45.739	42.626		
3200.000	48.459	42.876		
3250.000	47.726	43.126		
3300.000	44.602	43.376		
3350.000	42.592	43.626		
3400.000	41.909	43.876		
3450.000	42.350	44.126		
3500.000	43.364	44.376		
3550.000	43.338	44.626		
3600.000	43.448	44.876		

CHAINAGE: 0+000 - 3+600

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

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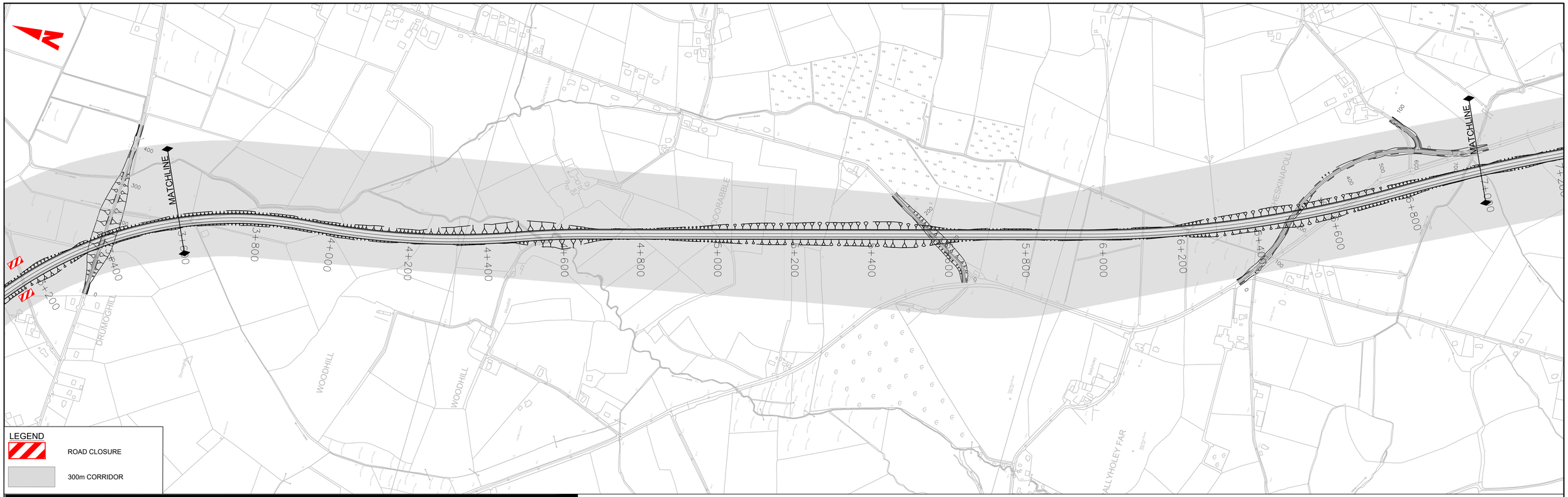
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A2 PLAN & PROFILE FIGURE 3A2 SHEET 1 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 TO 00105 3A2 PLAN AND PROFILES	Drawing No. Y16112-00101-00101	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 to 00105 3A2 Plan.dwg

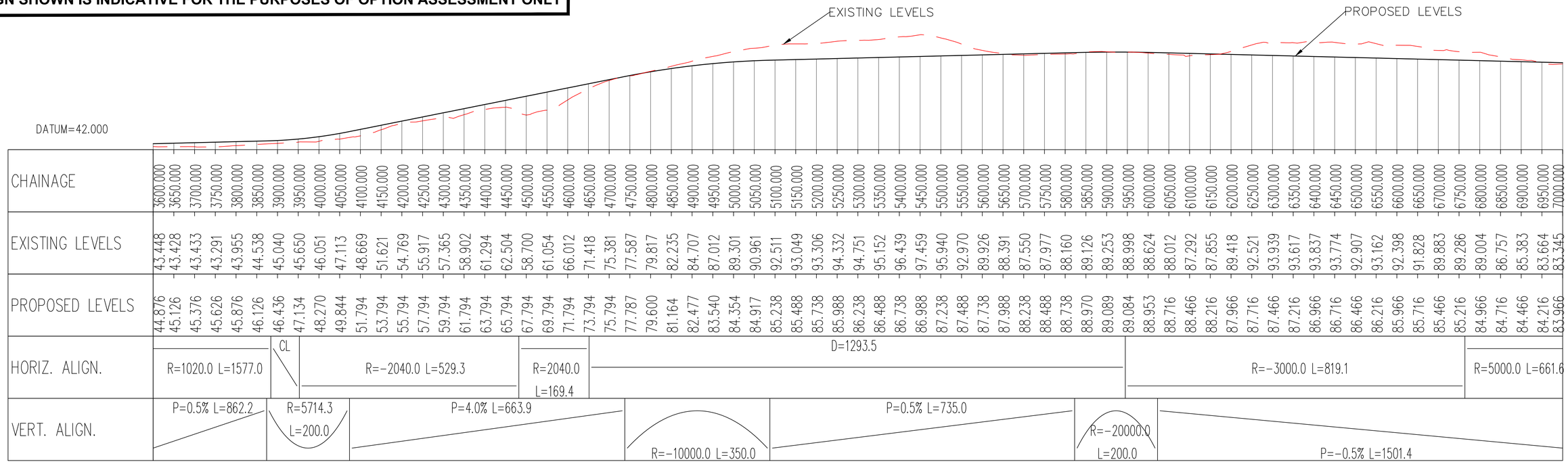


LEGEND

ROAD CLOSURE

300m CORRIDOR

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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3600.000	43.448	44.876
3650.000	43.428	45.126
3700.000	43.433	45.376
3750.000	43.291	45.626
3800.000	43.955	45.876
3850.000	44.538	46.126
3900.000	45.040	46.436
3950.000	45.650	47.134
4000.000	46.051	48.270
4050.000	47.113	49.844
4100.000	48.669	51.794
4150.000	51.621	53.794
4200.000	54.769	55.794
4250.000	55.917	57.794
4300.000	57.365	59.794
4350.000	58.902	61.794
4400.000	61.294	63.794
4450.000	62.504	65.794
4500.000	58.700	67.794
4550.000	61.054	69.794
4600.000	66.012	71.794
4650.000	71.418	73.794
4700.000	75.381	75.794
4750.000	77.587	77.787
4800.000	79.817	79.600
4850.000	82.235	81.164
4900.000	84.707	82.477
4950.000	87.012	83.540
5000.000	89.301	84.354
5050.000	90.961	84.917
5100.000	92.511	85.238
5150.000	93.049	85.488
5200.000	93.306	85.738
5250.000	94.332	85.988
5300.000	94.751	86.238
5350.000	95.152	86.488
5400.000	96.439	86.738
5450.000	97.459	86.988
5500.000	95.940	87.238
5550.000	92.970	87.488
5600.000	89.926	87.738
5650.000	88.391	87.988
5700.000	87.550	88.238
5750.000	87.977	88.488
5800.000	88.160	88.738
5850.000	89.126	88.970
5900.000	89.253	89.089
5950.000	88.998	89.084
6000.000	88.624	88.953
6050.000	88.012	88.716
6100.000	87.292	88.466
6150.000	87.855	88.216
6200.000	89.418	87.966
6250.000	92.521	87.716
6300.000	93.939	87.466
6350.000	93.617	87.216
6400.000	93.837	86.966
6450.000	93.774	86.716
6500.000	92.907	86.466
6550.000	93.162	86.216
6600.000	92.398	85.966
6650.000	91.828	85.716
6700.000	89.883	85.466
6750.000	89.286	85.216
6800.000	89.004	84.966
6850.000	86.757	84.716
6900.000	85.383	84.466
6950.000	83.664	84.216
7000.000	83.345	83.966

HORIZ. ALIGN.	VERT. ALIGN.
R=1020.0 L=1577.0	P=0.5% L=862.2
CL	R=5714.3 L=200.0
R=-2040.0 L=529.3	P=4.0% L=663.9
R=2040.0 L=169.4	R=-10000.0 L=350.0
D=1293.5	P=0.5% L=735.0
R=-3000.0 L=819.1	R=-20000.0 L=200.0
R=5000.0 L=661.6	P=-0.5% L=1501.4

CHAINAGE: 3+600 - 7+000

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0m 100m 200m 300m 400m 500m

Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

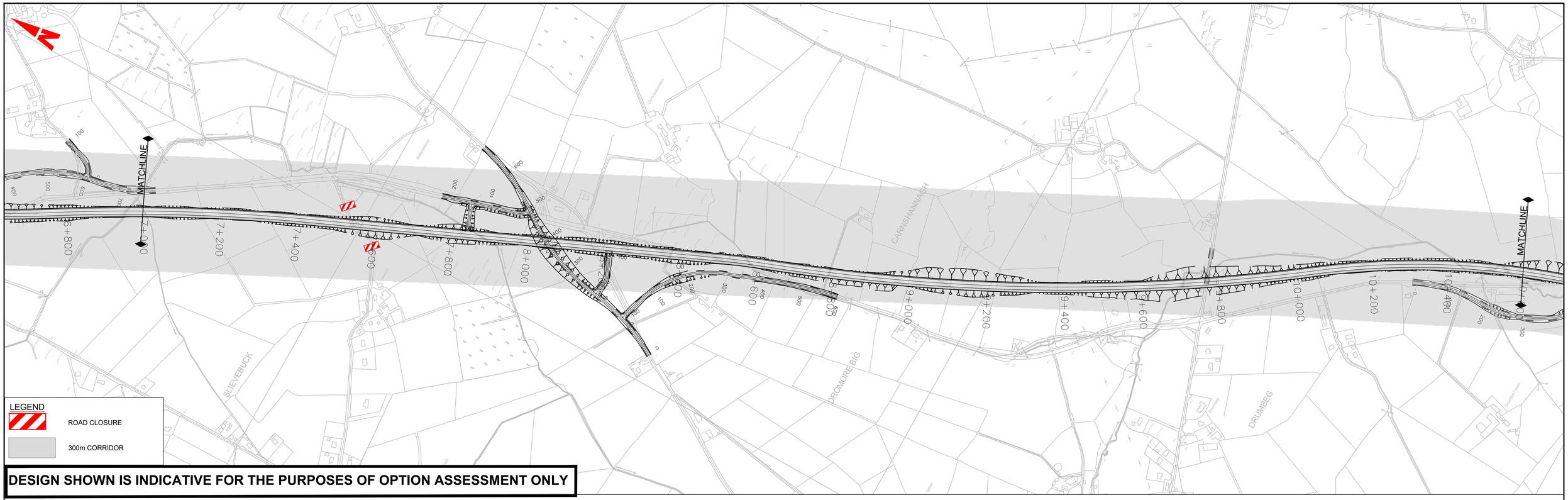
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL

Status: S4

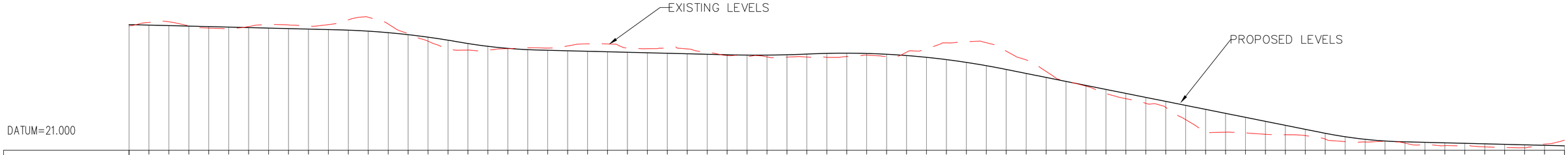
Drawing Title: OPTION 3A2 PLAN & PROFILE
FIGURE 3A2 SHEET 2 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 TO 00105 3A2 PLAN AND PROFILES	Drawing No. Y16112-00101-00102	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 to 00105 3A2 Plan.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
7000.000	83.345	83.966
7050.000	85.071	83.716
7100.000	85.355	83.466
7150.000	83.371	83.216
7200.000	82.231	82.966
7250.000	81.899	82.716
7300.000	82.973	82.466
7350.000	84.030	82.216
7400.000	83.824	81.966
7450.000	83.255	81.716
7500.000	83.941	81.466
7550.000	86.320	81.182
7600.000	87.649	80.678
7650.000	84.275	79.924
7700.000	79.338	78.920
7750.000	75.675	77.666
7800.000	71.521	76.162
7850.000	71.194	74.478
7900.000	71.189	73.081
7950.000	71.889	72.058
8000.000	72.377	71.408
8050.000	72.209	71.097
8100.000	73.266	70.847
8150.000	74.331	70.597
8200.000	74.277	70.347
8250.000	72.224	70.097
8300.000	71.881	69.847
8350.000	72.183	69.597
8400.000	71.784	69.347
8450.000	69.546	69.097
8500.000	68.469	68.847
8550.000	67.958	68.683
8600.000	67.767	68.686
8650.000	67.663	68.855
8700.000	67.695	69.190
8750.000	67.564	69.541
8800.000	67.945	69.646
8850.000	68.693	69.500
8900.000	68.033	69.105
8950.000	70.133	68.460
9000.000	71.742	67.565
9050.000	74.799	66.419
9100.000	75.507	65.024
9150.000	74.889	63.379
9200.000	70.656	61.484
9250.000	66.269	59.484
9300.000	60.496	57.484
9350.000	55.686	55.484
9400.000	53.119	53.484
9450.000	49.396	51.484
9500.000	46.853	49.484
9550.000	44.504	47.484
9600.000	42.525	45.484
9650.000	36.324	43.484
9700.000	29.527	41.484
9750.000	30.044	39.484
9800.000	29.709	37.484
9850.000	28.981	35.484
9900.000	28.762	33.484
9950.000	28.328	31.484
10000.000	26.588	29.488
10050.000	25.308	27.764
10100.000	25.136	26.477
10150.000	25.328	25.628
10200.000	24.560	25.212
10250.000	23.933	24.962
10300.000	23.295	24.712
10350.000	23.308	24.462
10400.000	22.676	24.212
10450.000	22.381	23.962
10500.000	22.208	23.712
10550.000	24.069	23.462
10600.000	25.991	23.212

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=661.6	P=-0.5% L=1501.4
D=1070.2	R=-10000.0 L=302.1
	R=6694.5 L=202.2
	P=-0.5% L=470.7
R=2040.0 L=103.6	R=15000.0 L=208.0
CL	R=-10000.0 L=488.7
R=-5000.0 L=1411.8	P=-4.0% L=797.5
R=2040.0 L=1543.1	R=5714.3 L=200.0
	P=-0.5% L=820.0

CHAINAGE: 7+000 - 10+600

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
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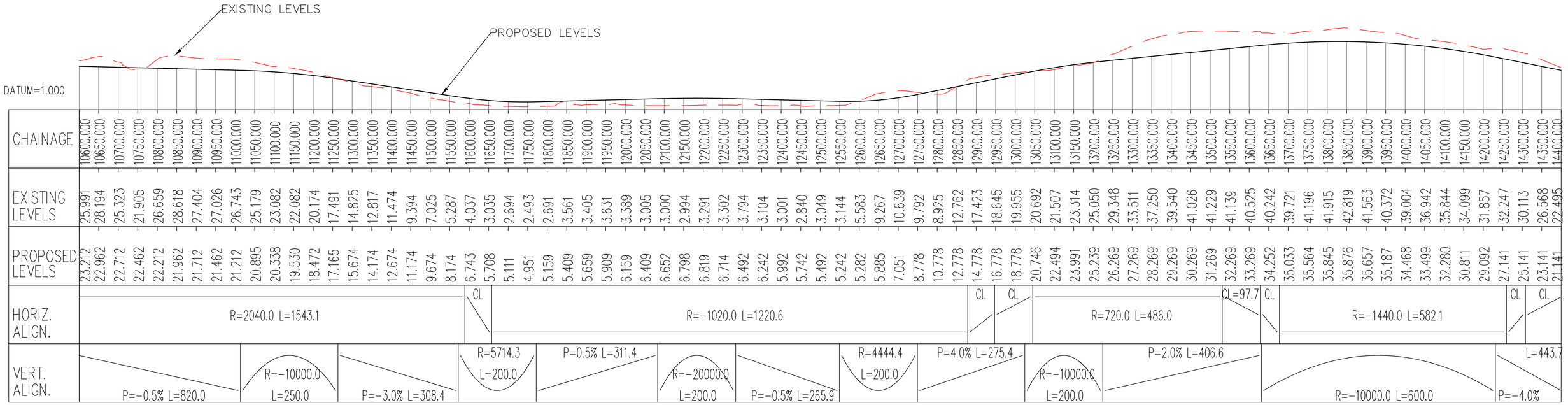
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A2 PLAN & PROFILE
FIGURE 3A2 SHEET 3 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 TO 00105 3A2 PLAN AND PROFILES	Drawing No. Y16112-00101-00105	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil+CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 to 00105 3A2 Plan.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10600.000	25.991	23.212
10650.000	28.194	22.962
10700.000	25.323	22.712
10750.000	21.905	22.462
10800.000	26.659	22.212
10850.000	28.618	21.962
10900.000	27.404	21.712
10950.000	27.026	21.462
11000.000	26.743	21.212
11050.000	25.179	20.895
11100.000	23.082	20.338
11150.000	22.082	19.530
11200.000	20.174	18.472
11250.000	17.491	17.165
11300.000	14.825	15.674
11350.000	12.817	14.174
11400.000	11.474	12.674
11450.000	9.394	11.174
11500.000	7.025	9.674
11550.000	5.287	8.174
11600.000	4.037	6.743
11650.000	3.035	5.708
11700.000	2.694	5.111
11750.000	2.493	4.951
11800.000	2.691	5.159
11850.000	3.561	5.409
11900.000	3.405	5.659
11950.000	3.631	5.909
12000.000	3.389	6.159
12050.000	3.005	6.409
12100.000	3.000	6.652
12150.000	2.994	6.798
12200.000	3.291	6.819
12250.000	3.302	6.714
12300.000	3.794	6.492
12350.000	3.104	6.242
12400.000	3.001	5.992
12450.000	2.840	5.742
12500.000	3.049	5.492
12550.000	3.144	5.242
12600.000	5.583	5.282
12650.000	9.267	5.885
12700.000	10.639	7.051
12750.000	9.792	8.778
12800.000	8.925	10.778
12850.000	12.762	12.778
12900.000	17.423	14.778
12950.000	18.645	16.778
13000.000	19.955	18.778
13050.000	20.692	20.746
13100.000	21.507	22.494
13150.000	23.314	23.991
13200.000	25.050	25.239
13250.000	29.348	26.269
13300.000	33.511	27.269
13350.000	37.250	28.269
13400.000	39.540	29.269
13450.000	41.026	30.269
13500.000	41.229	31.269
13550.000	41.139	32.269
13600.000	40.525	33.269
13650.000	40.242	34.252
13700.000	39.721	35.033
13750.000	41.196	35.564
13800.000	41.915	35.845
13850.000	42.819	35.876
13900.000	41.563	35.657
13950.000	40.372	35.187
14000.000	39.004	34.468
14050.000	36.942	33.499
14100.000	35.844	32.280
14150.000	34.099	30.811
14200.000	31.857	29.092
14250.000	32.247	27.141
14300.000	30.113	25.141
14350.000	26.568	23.141
14400.000	22.495	21.141

HORIZ. ALIGN.	VERT. ALIGN.
R=2040.0 L=1543.1	P=-0.5% L=820.0
	R=-10000.0 L=250.0
	P=-3.0% L=308.4
CL	R=5714.3 L=200.0
R=-1020.0 L=1220.6	P=0.5% L=311.4
	R=-20000.0 L=200.0
	P=-0.5% L=265.9
CL	R=4444.4 L=200.0
CL	P=4.0% L=275.4
R=720.0 L=486.0	R=-10000.0 L=200.0
	P=2.0% L=406.6
CL=97.7	R=-10000.0 L=600.0
CL	L=443.7
R=-1440.0 L=582.1	P=-4.0%
CL	
CL	

CHAINAGE: 10+600 - 14+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

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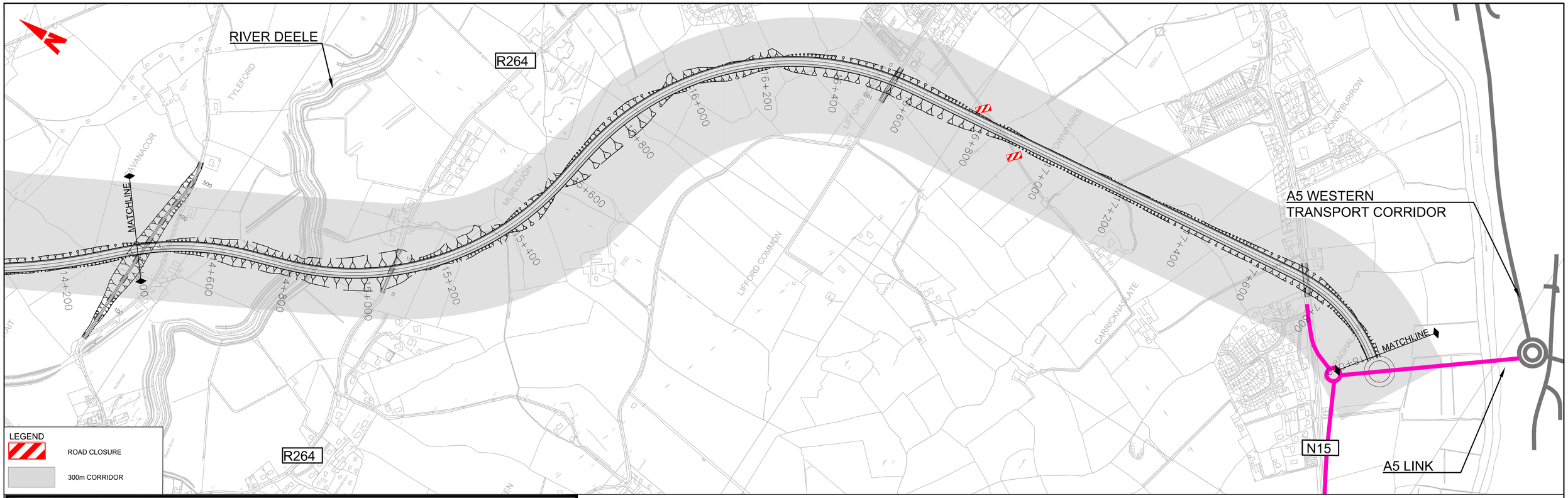
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

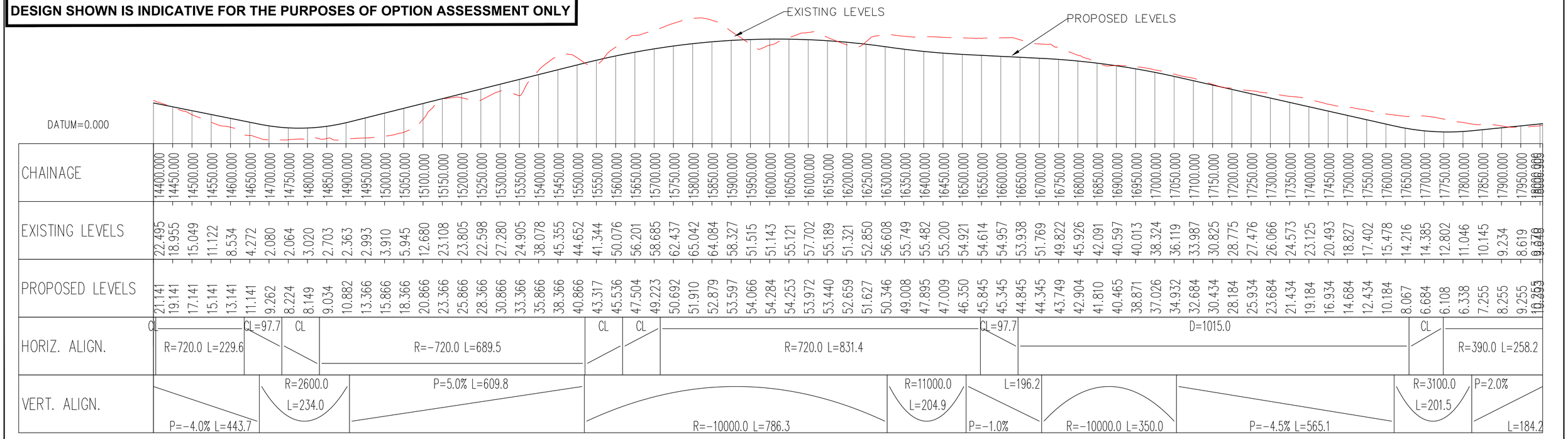
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A2 PLAN & PROFILE FIGURE 3A2 SHEET 4 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 TO 00105 3A2 PLAN AND PROFILES	Drawing No. Y16112-00101-00104	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 to 00105 3A2 Plan.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
14400.000	22.495	21.141	CL	P=-4.0% L=443.7
14450.000	18.955	19.141	R=720.0 L=229.6	
14500.000	15.049	17.141	CL=97.7	R=2600.0 L=234.0
14550.000	11.122	15.141	CL	
14600.000	8.534	13.141		P=5.0% L=609.8
14650.000	4.272	11.141	R=-720.0 L=689.5	
14700.000	2.080	9.262		
14750.000	2.064	8.224		
14800.000	3.020	8.149		
14850.000	2.703	9.034		
14900.000	2.363	10.882		
14950.000	2.993	13.366		
15000.000	3.910	15.866		
15050.000	5.945	18.366		
15100.000	12.680	20.866		
15150.000	23.108	23.366		
15200.000	23.805	25.866		
15250.000	22.598	28.366		
15300.000	27.280	30.866		
15350.000	24.905	33.366		
15400.000	38.078	35.866		
15450.000	45.355	38.366		
15500.000	44.652	40.866		
15550.000	41.344	43.317	CL	
15600.000	50.076	45.536	CL	R=-10000.0 L=786.3
15650.000	56.201	47.504		
15700.000	58.685	49.223		
15750.000	62.437	50.692		
15800.000	65.042	51.910		
15850.000	64.084	52.879		
15900.000	58.327	53.597		
15950.000	51.515	54.066		
16000.000	51.143	54.284	R=720.0 L=831.4	
16050.000	55.121	54.253		
16100.000	57.702	53.972		
16150.000	55.189	53.440		R=11000.0 L=204.9
16200.000	51.321	52.659		
16250.000	52.850	51.627		
16300.000	56.608	50.346		
16350.000	55.749	49.008		
16400.000	55.482	47.895		
16450.000	55.200	47.009		
16500.000	54.921	46.350		
16550.000	54.614	45.845	CL=97.7	L=196.2
16600.000	54.957	45.345		P=-1.0%
16650.000	53.938	44.845		
16700.000	51.769	44.345		
16750.000	49.822	43.749		
16800.000	45.926	42.904		
16850.000	42.091	41.810		
16900.000	40.597	40.465		
16950.000	40.013	38.871	D=1015.0	
17000.000	38.324	37.026		
17050.000	36.119	34.932		
17100.000	33.987	32.684		
17150.000	30.825	30.434		
17200.000	28.775	28.184		
17250.000	27.476	25.934		
17300.000	26.066	23.684		
17350.000	24.573	21.434		
17400.000	23.125	19.184		
17450.000	20.493	16.934		
17500.000	18.827	14.684		
17550.000	17.402	12.434		
17600.000	15.478	10.184		
17650.000	14.216	8.067	CL	R=-10000.0 L=350.0
17700.000	14.385	6.684		
17750.000	12.802	6.108		R=3100.0 L=201.5
17800.000	11.046	6.338		
17850.000	10.145	7.255	R=390.0 L=258.2	P=-4.5% L=565.1
17900.000	9.234	8.255		
17950.000	8.619	9.255		P=2.0%
18000.000	9.618	10.255		L=184.2

CHAINAGE: 14+400 - 18+000

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

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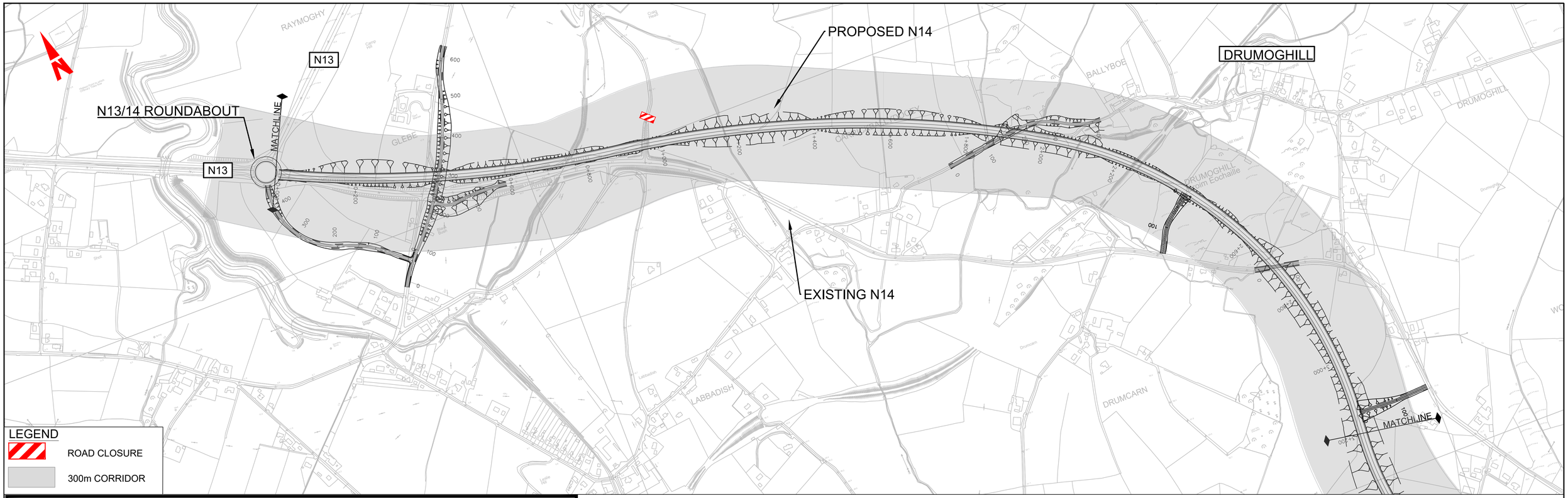
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Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

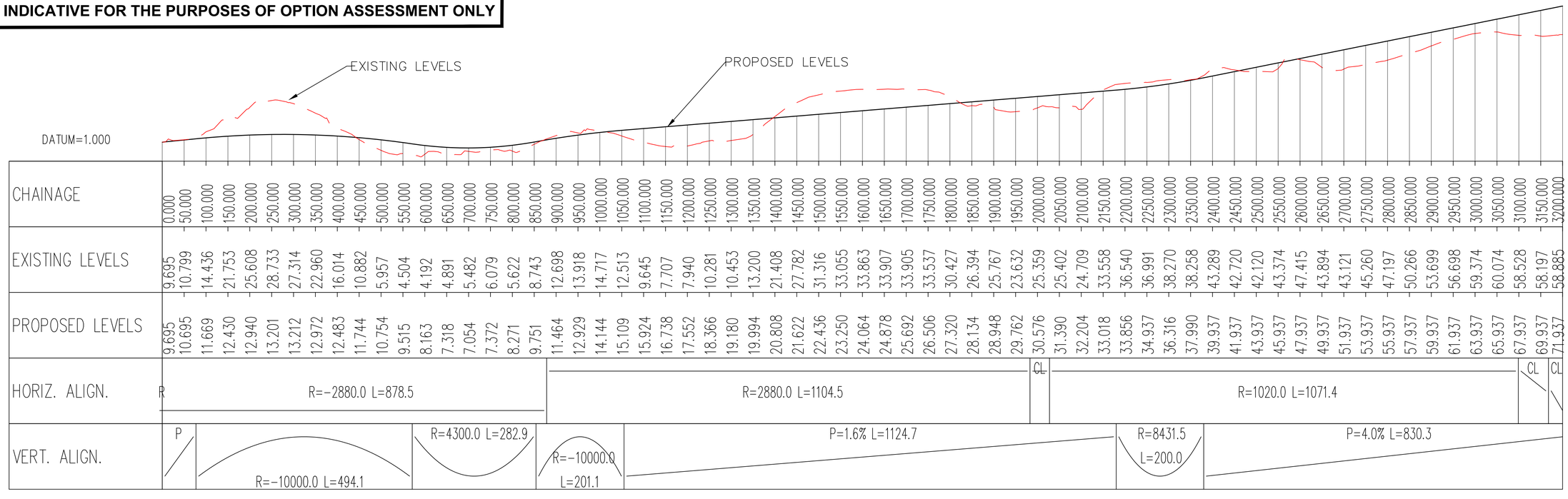
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3A2 PLAN & PROFILE FIGURE 3A2 SHEET 5 0F 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 TO 00105 3A2 PLAN AND PROFILES	Y16112-00101-00105	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3A2-DR-CH-00101 to 00105 3A2 Plan.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.695
100.000	14.436	11.669
150.000	21.753	12.430
200.000	25.608	12.940
250.000	28.733	13.201
300.000	27.314	13.212
350.000	22.960	12.972
400.000	16.014	12.483
450.000	10.882	11.744
500.000	5.957	10.754
550.000	4.504	9.515
600.000	4.192	8.163
650.000	4.891	7.318
700.000	5.482	7.054
750.000	6.079	7.372
800.000	5.622	8.271
850.000	8.743	9.751
900.000	12.698	11.464
950.000	13.918	12.929
1000.000	14.717	14.144
1050.000	12.513	15.109
1100.000	9.645	15.924
1150.000	7.707	16.738
1200.000	7.940	17.552
1250.000	10.281	18.366
1300.000	10.453	19.180
1350.000	13.200	19.994
1400.000	21.408	20.808
1450.000	27.782	21.622
1500.000	31.316	22.436
1550.000	33.055	23.250
1600.000	33.863	24.064
1650.000	33.907	24.878
1700.000	33.905	25.692
1750.000	33.537	26.506
1800.000	30.427	27.320
1850.000	26.394	28.134
1900.000	25.767	28.948
1950.000	23.632	29.762
2000.000	25.359	30.576
2050.000	25.402	31.390
2100.000	24.709	32.204
2150.000	33.558	33.018
2200.000	36.540	33.856
2250.000	36.991	34.937
2300.000	38.270	36.316
2350.000	38.258	37.990
2400.000	43.289	39.937
2450.000	42.720	41.937
2500.000	42.120	43.937
2550.000	43.374	45.937
2600.000	47.415	47.937
2650.000	43.894	49.937
2700.000	43.121	51.937
2750.000	45.260	53.937
2800.000	47.197	55.937
2850.000	50.266	57.937
2900.000	53.699	59.937
2950.000	56.698	61.937
3000.000	59.374	63.937
3050.000	60.074	65.937
3100.000	58.528	67.937
3150.000	58.197	69.937
3200.000	58.885	71.937

HORIZ. ALIGN.	VERT. ALIGN.
R	P
R=-2880.0 L=878.5	R=-10000.0 L=494.1
	R=4300.0 L=282.9
R=2880.0 L=1104.5	R=-10000.0 L=201.1
CL	P=1.6% L=1124.7
R=1020.0 L=1071.4	R=8431.5 L=200.0
CL	P=4.0% L=830.3
CL	

CHAINAGE: 0+000 - 3+200

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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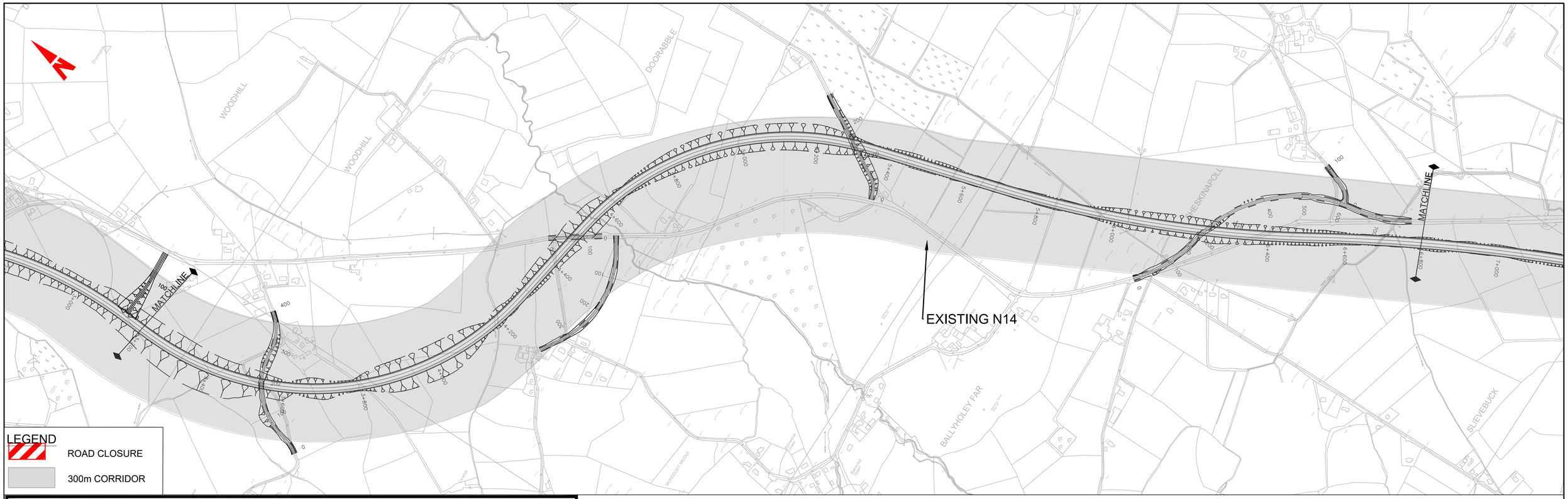
Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LBR	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B1 PLAN & PROFILE
FIGURE 3B1 SHEET 1 0F 5

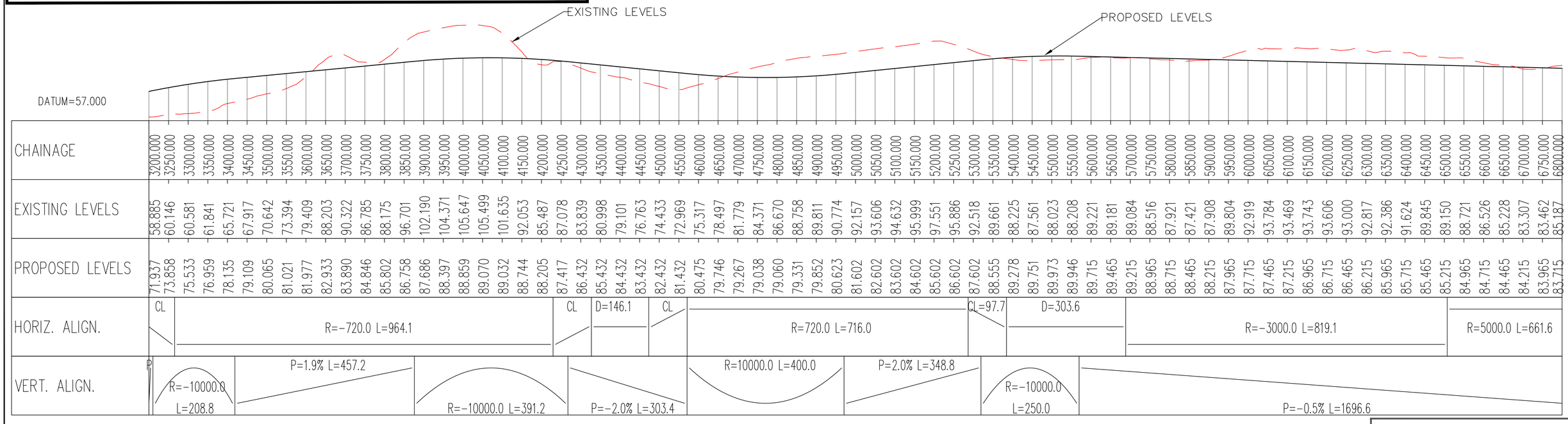
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Drawn: LRB	
Approved: ED	Scale at A1: 1:5000
Checked: EC	Date: OCTOBER 2019

Drawing No. Y16112-3B1-100-0101
Rev: P01

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 to 00105 3B1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3200.000	58.885	71.937
3250.000	60.146	73.858
3300.000	60.581	75.533
3350.000	61.841	76.959
3400.000	65.721	78.135
3450.000	67.917	79.109
3500.000	70.642	80.065
3550.000	73.394	81.021
3600.000	79.409	81.977
3650.000	88.203	82.933
3700.000	90.322	83.890
3750.000	86.785	84.846
3800.000	88.175	85.802
3850.000	96.701	86.758
3900.000	102.190	87.686
3950.000	104.371	88.397
4000.000	105.647	88.859
4050.000	105.499	89.070
4100.000	101.635	89.032
4150.000	92.053	88.744
4200.000	85.487	88.205
4250.000	87.078	87.417
4300.000	83.839	86.432
4350.000	80.998	85.432
4400.000	79.101	84.432
4450.000	76.763	83.432
4500.000	74.433	82.432
4550.000	72.969	81.432
4600.000	75.317	80.475
4650.000	78.497	79.746
4700.000	81.779	79.267
4750.000	84.371	79.038
4800.000	86.670	79.060
4850.000	88.758	79.331
4900.000	89.811	79.852
4950.000	90.774	80.623
5000.000	92.157	81.602
5050.000	93.606	82.602
5100.000	94.632	83.602
5150.000	95.999	84.602
5200.000	97.551	85.602
5250.000	95.886	86.602
5300.000	92.518	87.602
5350.000	89.661	88.555
5400.000	88.225	89.278
5450.000	87.561	89.751
5500.000	88.023	89.973
5550.000	88.208	89.946
5600.000	89.221	89.715
5650.000	89.181	89.465
5700.000	89.084	89.215
5750.000	88.516	88.965
5800.000	87.921	88.715
5850.000	87.421	88.465
5900.000	87.908	88.215
5950.000	89.804	87.965
6000.000	92.919	87.715
6050.000	93.784	87.465
6100.000	93.469	87.215
6150.000	93.743	86.965
6200.000	93.606	86.715
6250.000	93.000	86.465
6300.000	92.817	86.215
6350.000	92.386	85.965
6400.000	91.624	85.715
6450.000	89.845	85.465
6500.000	89.150	85.215
6550.000	88.721	84.965
6600.000	86.526	84.715
6650.000	85.228	84.465
6700.000	83.307	84.215
6750.000	83.462	83.965
6800.000	85.187	83.715

HORIZ. ALIGN.	
CL	
	R=-720.0 L=964.1
CL	
D=146.1	
CL	
	R=720.0 L=716.0
CL=97.7	
D=303.6	
	R=-3000.0 L=819.1
	R=5000.0 L=661.6

VERT. ALIGN.							
P	R=-10000.0 L=208.8	P=1.9% L=457.2	R=-10000.0 L=391.2	P=-2.0% L=303.4	R=10000.0 L=400.0	P=2.0% L=348.8	R=-10000.0 L=250.0	P=-0.5% L=1696.6

CHAINAGE: 3+200 - 6+800

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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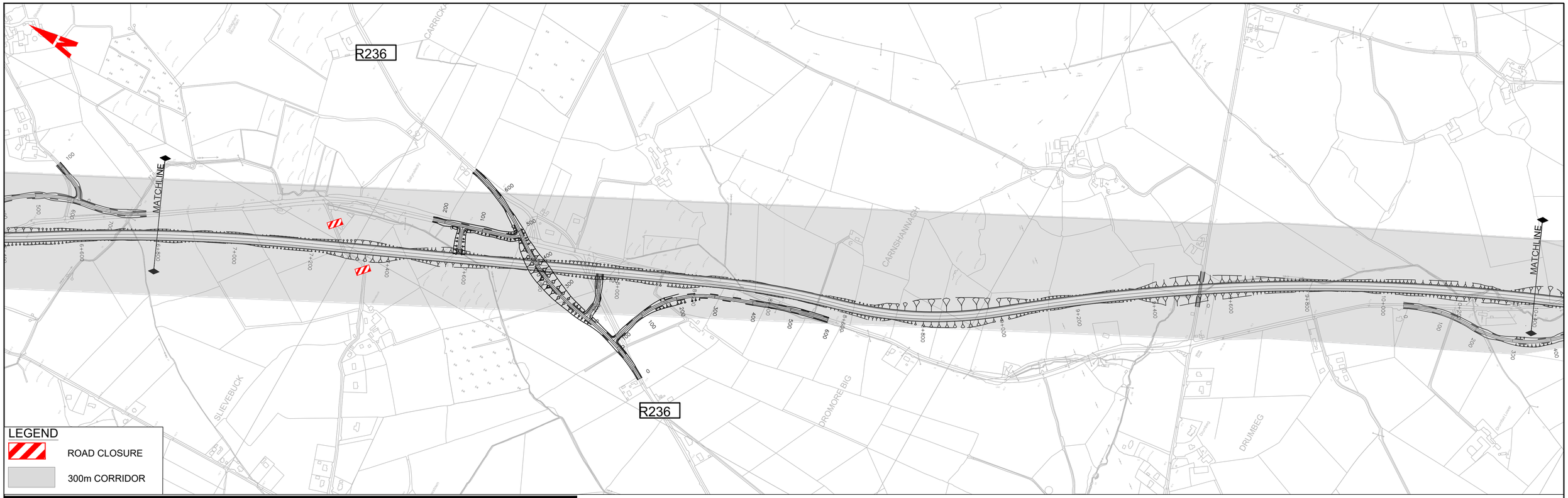
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LBR	OPTION SELECTION REPORT	EC	ED

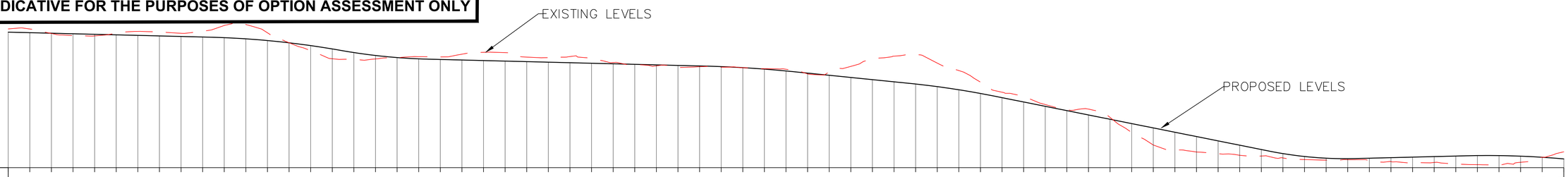
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B1 PLAN & PROFILE FIGURE 3B1 SHEET 2 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 TO 00105 3B1 PLAN AND PROFILES	Drawing No. Y16112-3B1-100-0102	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 to 00105 3B1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	85.187	83.715
6850.000	85.168	83.465
6900.000	83.088	83.215
6950.000	82.171	82.965
7000.000	81.983	82.715
7050.000	83.212	82.465
7100.000	84.056	82.215
7150.000	83.715	81.965
7200.000	83.173	81.715
7250.000	84.098	81.465
7300.000	86.817	81.158
7350.000	87.262	80.613
7400.000	83.408	79.819
7450.000	78.791	78.775
7500.000	75.051	77.480
7550.000	71.393	75.936
7600.000	71.137	74.263
7650.000	71.307	72.918
7700.000	71.905	71.947
7750.000	72.339	71.349
7800.000	72.227	71.063
7850.000	73.512	70.813
7900.000	74.374	70.563
7950.000	74.235	70.313
8000.000	72.160	70.063
8050.000	71.895	69.813
8100.000	72.402	69.563
8150.000	71.684	69.313
8200.000	69.612	69.063
8250.000	68.355	68.813
8300.000	68.069	68.563
8350.000	67.494	68.313
8400.000	67.714	68.063
8450.000	67.491	67.759
8500.000	67.230	67.274
8550.000	66.788	66.603
8600.000	66.527	65.748
8650.000	64.382	64.750
8700.000	65.303	63.743
8750.000	67.854	62.737
8800.000	71.325	61.730
8850.000	72.602	60.723
8900.000	73.365	59.704
8950.000	69.387	58.495
9000.000	65.938	57.037
9050.000	60.577	55.328
9100.000	55.903	53.384
9150.000	53.979	51.384
9200.000	50.194	49.384
9250.000	47.862	47.384
9300.000	48.087	45.384
9350.000	44.234	43.384
9400.000	37.236	41.384
9450.000	31.482	39.384
9500.000	29.230	37.384
9550.000	28.239	35.384
9600.000	27.449	33.384
9650.000	26.723	31.384
9700.000	26.368	29.384
9750.000	25.480	27.505
9800.000	24.747	26.157
9850.000	24.463	25.370
9900.000	24.667	25.146
9950.000	24.308	25.363
10000.000	23.761	25.613
10050.000	23.296	25.863
10100.000	23.386	26.113
10150.000	22.667	26.363
10200.000	22.384	26.577
10250.000	22.266	26.567
10300.000	23.469	26.306
10350.000	25.788	25.796
10400.000	28.291	25.036

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=661.6	P=-0.5% L=1696.6
D=1070.2	R=-10000.0 L=302.7
	R=6700.0 L=202.8
	P=-0.5% L=639.9
R=2040.0 L=308.9	R=-13500.0 L=204.4
CL	
R=-1020.0 L=341.8	P=-2.0% L=268.8
CL	R=-10000.0 L=198.6
R=5000.0 L=1383.8	P=-4.0% L=633.8
	R=4444.4 L=200.0
	P=0.5% L=255.8
	R=-10000.0 L=363.4

CHAINAGE: 6+800 - 10+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
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E ireland@rpsgroup.com

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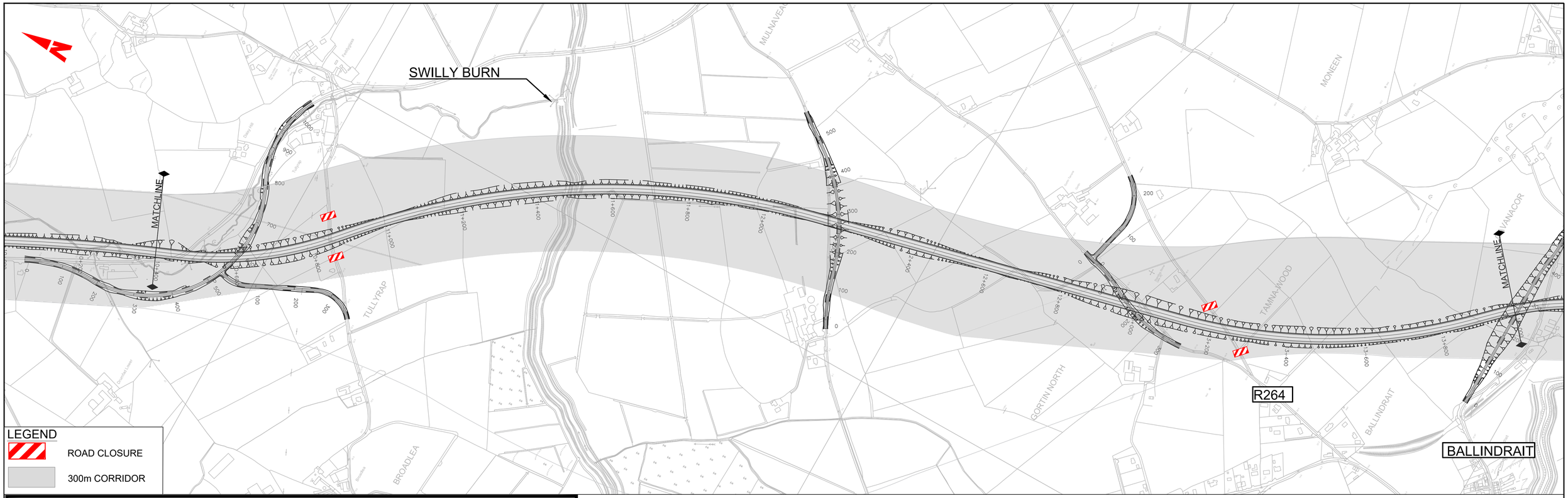
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Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LBR	OPTION SELECTION REPORT	EC	ED

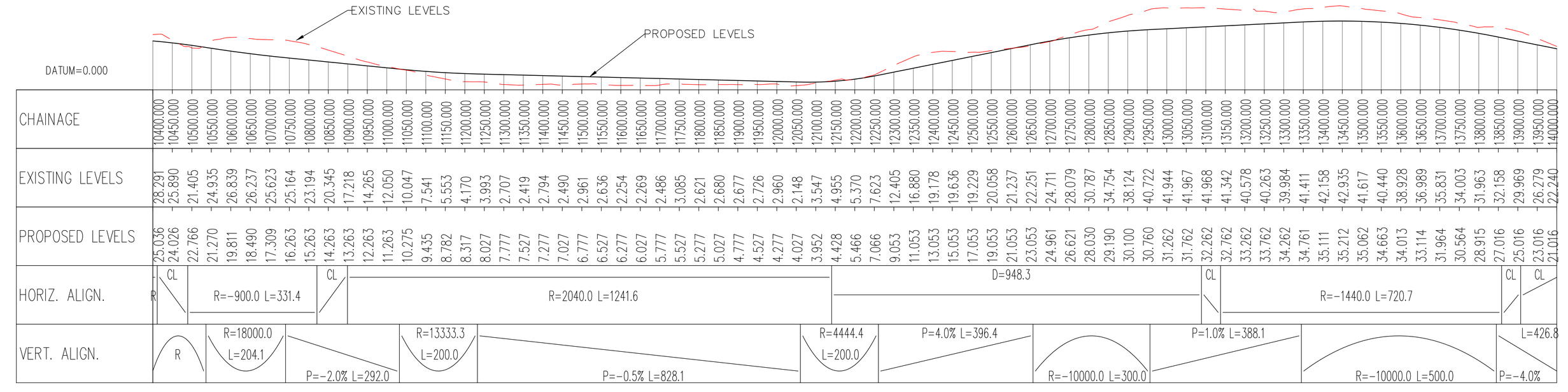
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B1 PLAN & PROFILE
FIGURE 3B1 SHEET 3 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 TO 00105 3B1 PLAN AND PROFILES	Drawing No. Y16112-3B1-100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 to 00105 3B1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	28.291	25.036
10450.000	25.890	24.026
10500.000	21.405	22.766
10550.000	24.935	21.270
10600.000	26.839	19.811
10650.000	26.237	18.490
10700.000	25.623	17.309
10750.000	25.164	16.263
10800.000	23.194	15.263
10850.000	20.345	14.263
10900.000	17.218	13.263
10950.000	14.265	12.263
11000.000	12.050	11.263
11050.000	10.047	10.275
11100.000	7.541	9.435
11150.000	5.553	8.782
11200.000	4.170	8.317
11250.000	3.993	8.027
11300.000	2.707	7.777
11350.000	2.419	7.527
11400.000	2.794	7.277
11450.000	2.490	7.027
11500.000	2.961	6.777
11550.000	2.636	6.527
11600.000	2.254	6.277
11650.000	2.269	6.027
11700.000	2.486	5.777
11750.000	3.085	5.527
11800.000	2.621	5.277
11850.000	2.680	5.027
11900.000	2.677	4.777
11950.000	2.726	4.527
12000.000	2.960	4.277
12050.000	2.148	4.027
12100.000	3.547	3.952
12150.000	4.955	4.428
12200.000	5.370	5.466
12250.000	7.623	7.066
12300.000	12.405	9.053
12350.000	16.880	11.053
12400.000	19.178	13.053
12450.000	19.636	15.053
12500.000	19.229	17.053
12550.000	20.058	19.053
12600.000	21.237	21.053
12650.000	22.251	23.053
12700.000	24.711	24.961
12750.000	28.079	26.621
12800.000	30.787	28.030
12850.000	34.754	29.190
12900.000	38.124	30.100
12950.000	40.722	30.760
13000.000	41.944	31.262
13050.000	41.967	31.762
13100.000	41.968	32.262
13150.000	41.342	32.762
13200.000	40.578	33.262
13250.000	40.263	33.762
13300.000	39.984	34.262
13350.000	41.411	34.761
13400.000	42.158	35.111
13450.000	42.935	35.212
13500.000	41.617	35.062
13550.000	40.440	34.663
13600.000	38.928	34.013
13650.000	36.989	33.114
13700.000	35.831	31.964
13750.000	34.003	30.564
13800.000	31.963	28.915
13850.000	32.158	27.016
13900.000	29.969	25.016
13950.000	26.279	23.016
14000.000	22.240	21.016

HORIZ. ALIGN.	VERT. ALIGN.
R	R
CL	R=18000.0 L=204.1
R=-900.0 L=331.4	P=-2.0% L=292.0
CL	R=13333.3 L=200.0
R=2040.0 L=1241.6	P=-0.5% L=828.1
D=948.3	R=4444.4 L=200.0
	P=4.0% L=396.4
	R=-10000.0 L=300.0
CL	P=1.0% L=388.1
R=-1440.0 L=720.7	R=-10000.0 L=500.0
CL	L=426.8
CL	P=-4.0%

CHAINAGE: 10+400 - 14+000

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
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W www.rpsgroup.com/ireland
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P01	02/09/19	LBR	OPTION SELECTION REPORT	EC	ED

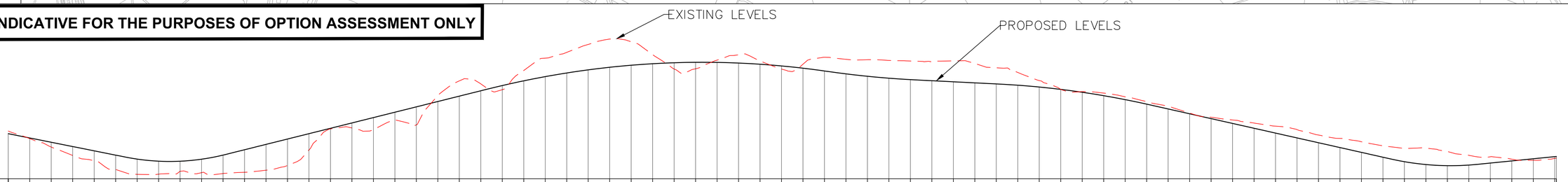
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B1 PLAN & PROFILE
FIGURE 3B1 SHEET 4 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 TO 00105 3B1 PLAN AND PROFILES	Drawing No. Y16112-3B1-100-0104	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 to 00105 3B1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
14000.000	22.240	21.016	CL	P=-4.0% L=426.8
14050.000	18.704	19.016	R=720.0 L=227.4	
14100.000	14.789	17.016		
14150.000	10.876	15.016		
14200.000	8.381	13.016		
14250.000	4.292	11.016	CL=97.7	R=2600.0 L=234.0
14300.000	2.061	9.169	CL	
14350.000	2.137	8.191		
14400.000	3.482	8.175		
14450.000	2.843	9.121		
14500.000	2.440	11.028		
14550.000	3.015	13.521		
14600.000	3.983	16.021		
14650.000	6.195	18.521		
14700.000	13.378	21.021	R=-720.0 L=689.5	P=5.0% L=609.8
14750.000	23.234	23.521		
14800.000	23.697	26.021		
14850.000	22.869	28.521		
14900.000	27.417	31.021		
14950.000	25.129	33.521		
15000.000	38.787	36.021		
15050.000	45.634	38.521		
15100.000	44.229	41.021		
15150.000	41.524	43.462	CL	
15200.000	50.491	45.665	CL	
15250.000	56.242	47.618		
15300.000	58.931	49.321		
15350.000	62.625	50.774		
15400.000	65.129	51.977		
15450.000	63.886	52.930	R=720.0 L=831.4	R=-10000.0 L=788.9
15500.000	57.875	53.633		
15550.000	51.185	54.086		
15600.000	51.274	54.289		
15650.000	55.315	54.242		
15700.000	57.788	53.945		
15750.000	54.932	53.398		
15800.000	51.143	52.602		
15850.000	53.395	51.555		
15900.000	56.636	50.258		
15950.000	55.689	48.908		
16000.000	55.504	47.784		
16050.000	55.172	46.888		
16100.000	54.899	46.219		
16150.000	54.807	45.712	CL=97.7	R=11000.0 L=207.8
16200.000	54.973	45.212		L=193.7
16250.000	53.750	44.712		P=-1.0%
16300.000	51.736	44.212	D=1015.0	
16350.000	49.560	43.615		
16400.000	45.782	42.769		R=-10000.0 L=350.0
16450.000	41.704	41.674		
16500.000	40.634	40.328		
16550.000	39.938	38.733		
16600.000	38.200	36.888		
16650.000	35.967	34.792		P=-4.5% L=562.2
16700.000	33.827	32.544		
16750.000	30.628	30.294		
16800.000	28.688	28.044		
16850.000	27.414	25.794		
16900.000	25.962	23.544		
16950.000	24.529	21.294		
17000.000	22.909	19.044		
17050.000	20.382	16.794		
17100.000	18.813	14.544		
17150.000	17.248	12.294		
17200.000	15.371	10.044		
17250.000	14.142	7.958	CL	R=3100.0 L=201.5
17300.000	14.307	6.625		
17350.000	12.691	6.099	R=390.0 L=258.2	P=2.0%
17400.000	10.924	6.379		
17450.000	10.246	7.317		
17500.000	9.117	8.317		L=184.2
17550.000	8.617	9.317		
17600.806	9.484	10.392		

CHAINAGE: 14+000 - 17+600

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
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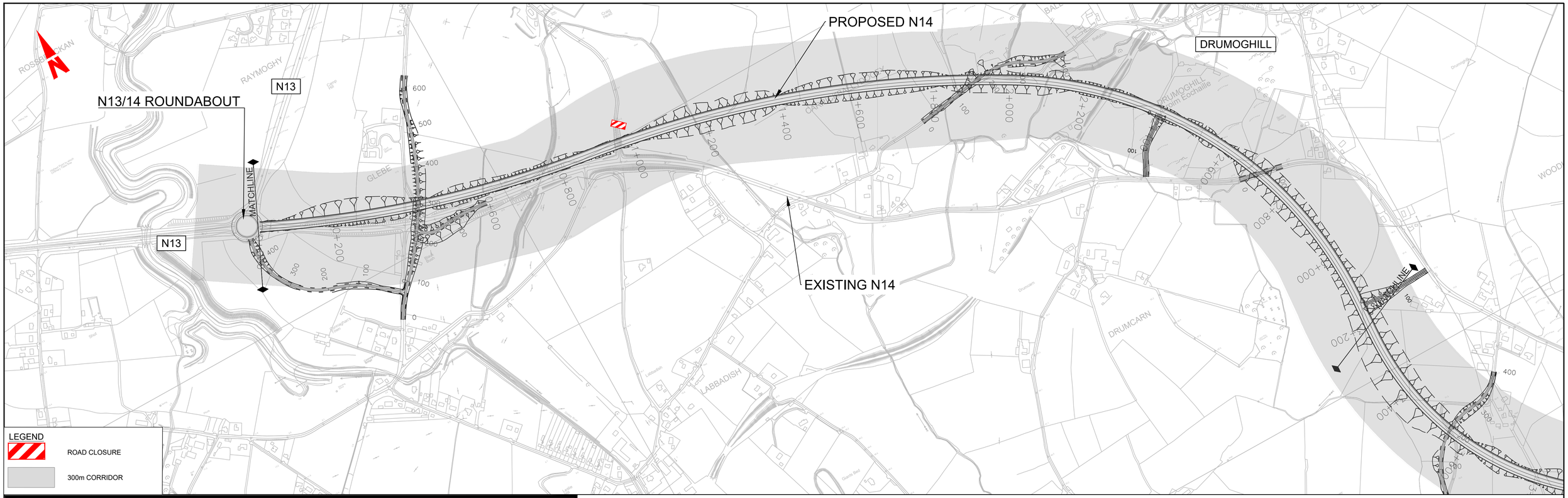
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LBR	OPTION SELECTION REPORT	EC	ED

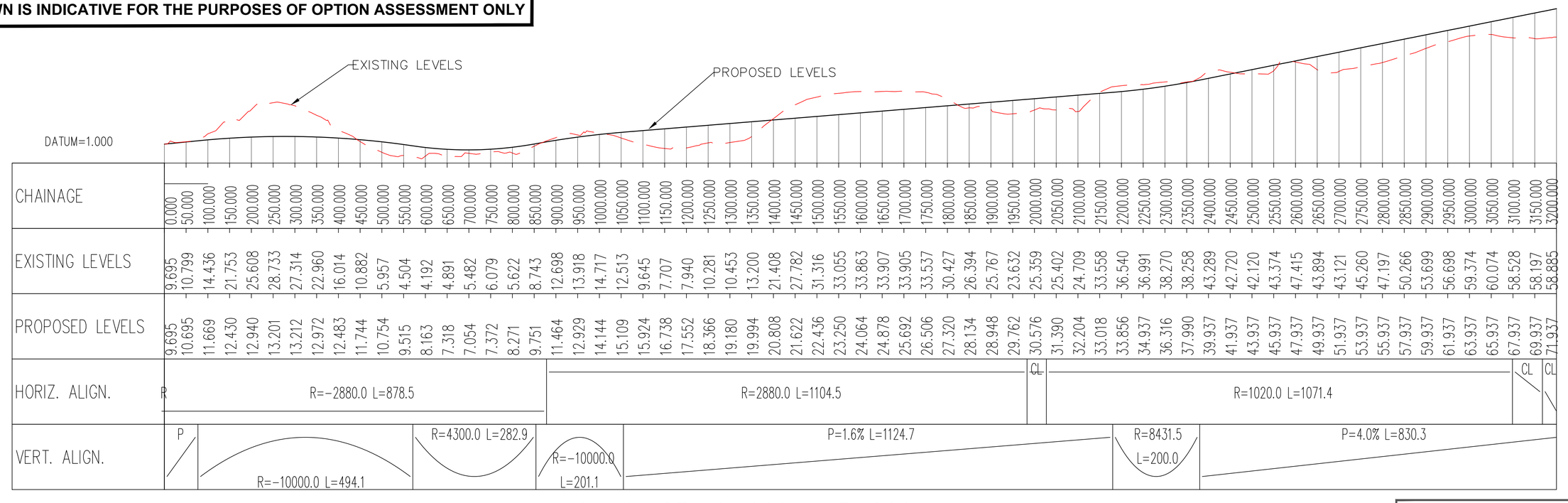
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B1 PLAN & PROFILE
FIGURE 3B1 SHEET 5 0F 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 TO 00105 3B1 PLAN AND PROFILES	Y16112-3B1-100-0105	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B1-DR-CH-00101 to 00105 3B1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
0.000	9.695	9.695	R	P
50.000	10.799	10.695		
100.000	14.436	11.669		
150.000	21.753	12.430		
200.000	25.608	12.940		
250.000	28.733	13.201		
300.000	27.314	13.212		
350.000	22.960	12.972		
400.000	16.014	12.483		
450.000	10.882	11.744		
500.000	5.957	10.754		
550.000	4.504	9.515		
600.000	4.192	8.163		
650.000	4.891	7.318		
700.000	5.482	7.054		
750.000	6.079	7.372		
800.000	5.622	8.271		
850.000	8.743	9.751		
900.000	12.698	11.464		
950.000	13.918	12.929		
1000.000	14.717	14.144		
1050.000	12.513	15.109		
1100.000	9.645	15.924		
1150.000	7.707	16.738		
1200.000	7.940	17.552		
1250.000	10.281	18.366		
1300.000	10.453	19.180		
1350.000	13.200	19.994		
1400.000	21.408	20.808		
1450.000	27.782	21.622		
1500.000	31.316	22.436		
1550.000	33.055	23.250		
1600.000	33.863	24.064		
1650.000	33.907	24.878		
1700.000	33.905	25.692		
1750.000	33.537	26.506		
1800.000	30.427	27.320		
1850.000	26.394	28.134		
1900.000	25.767	28.948		
1950.000	23.632	29.762		
2000.000	25.359	30.576	R=−2880.0 L=878.5	R=−10000.0 L=494.1
2050.000	25.402	31.390		
2100.000	24.709	32.204		
2150.000	33.558	33.018		
2200.000	36.540	33.856		
2250.000	36.991	34.937		
2300.000	38.270	36.316		
2350.000	38.258	37.990		
2400.000	43.289	39.937		
2450.000	42.720	41.937		
2500.000	42.120	43.937		
2550.000	43.374	45.937		
2600.000	47.415	47.937		
2650.000	43.894	49.937		
2700.000	43.121	51.937		
2750.000	45.260	53.937		
2800.000	47.197	55.937		
2850.000	50.266	57.937		
2900.000	53.699	59.937		
2950.000	56.698	61.937		
3000.000	59.374	63.937		
3050.000	60.074	65.937		
3100.000	58.528	67.937		
3150.000	58.197	69.937		
3200.000	58.885	71.937		

HORIZ. ALIGN.	VERT. ALIGN.
R=2880.0 L=1104.5	R=4300.0 L=282.9
CL	R=−10000.0 L=201.1
R=1020.0 L=1071.4	P=1.6% L=1124.7
CL	R=8431.5 L=200.0
CL	P=4.0% L=830.3

CHAINAGE: 0+000 – 3+200

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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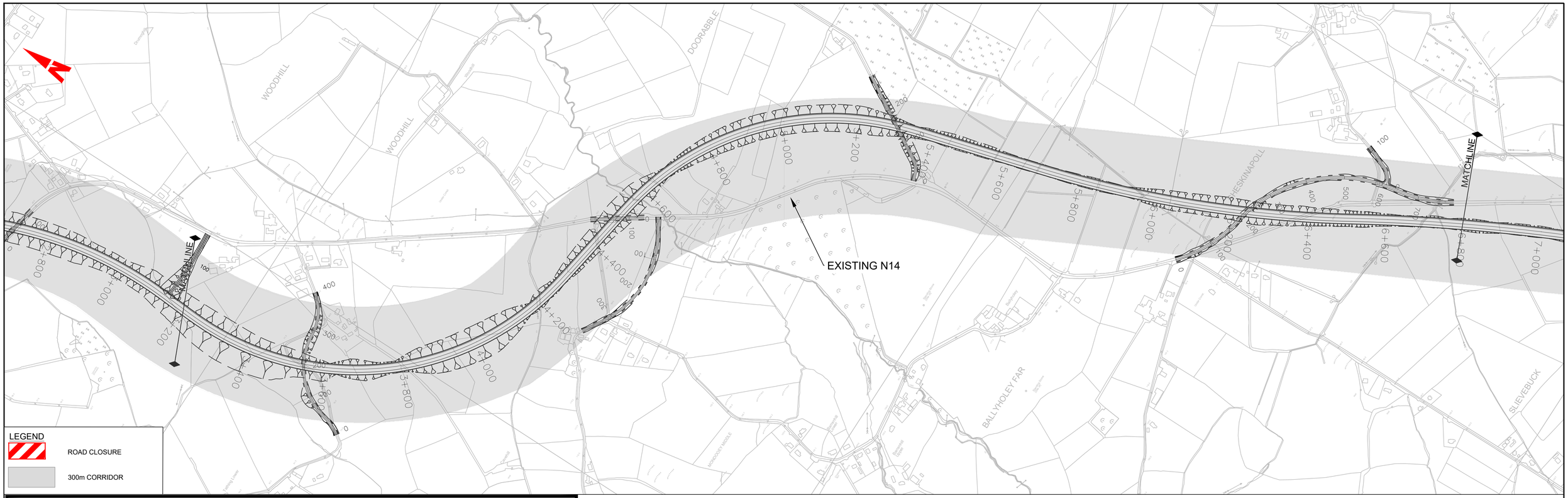
The A5 Link and A5 Western Transport Corridor are not currently part of this project and are being progressed separately.

Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

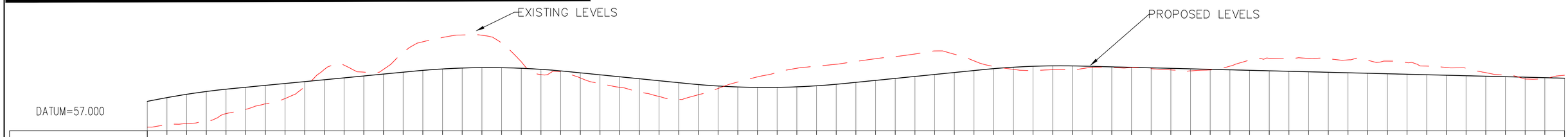
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE FIGURE 3B2 SHEET 1 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B2-DR-CH-00101 TO 00105 3B2 PLAN AND PROFILES	Drawing No. Y16112-3B2-0100-0101	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : \\IETRAMFS02\projects\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B2-DR-CH-00101 to 00105 3B2 Plan and Profiles.dwg



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
3200.000	58.885	71.937	CL	P
3250.000	60.146	73.858		R=-10000.0 L=208.8
3300.000	60.581	75.533	R=-720.0 L=964.1	
3350.000	61.841	76.959		P=1.9% L=457.2
3400.000	65.721	78.135		
3450.000	67.917	79.109		
3500.000	70.642	80.065		
3550.000	73.394	81.021		
3600.000	79.409	81.977		
3650.000	88.203	82.933		
3700.000	90.322	83.890		
3750.000	86.785	84.846		
3800.000	88.175	85.802		R=-10000.0 L=391.2
3850.000	96.701	86.758		
3900.000	102.190	87.686	CL	
3950.000	104.371	88.397		
4000.000	105.647	88.859		
4050.000	105.499	89.070		
4100.000	101.635	89.032		
4150.000	92.053	88.744		
4200.000	85.487	88.205		
4250.000	87.078	87.417	D=146.1	P=-2.0% L=303.4
4300.000	83.839	86.432		
4350.000	80.998	85.432		
4400.000	79.101	84.432		
4450.000	76.763	83.432		
4500.000	74.433	82.432	CL	
4550.000	72.969	81.432		
4600.000	75.317	80.475		
4650.000	78.497	79.746		R=10000.0 L=400.0
4700.000	81.779	79.267		
4750.000	84.371	79.038		
4800.000	86.670	79.060		
4850.000	88.758	79.331	R=720.0 L=716.0	
4900.000	89.811	79.852		
4950.000	90.774	80.623		
5000.000	92.157	81.602		
5050.000	93.606	82.602		
5100.000	94.632	83.602		
5150.000	95.999	84.602		
5200.000	97.551	85.602		
5250.000	95.886	86.602		
5300.000	92.518	87.602	CL=97.7	P=2.0% L=348.8
5350.000	89.661	88.555		
5400.000	88.225	89.278		
5450.000	87.561	89.751	D=303.6	
5500.000	88.023	89.973		
5550.000	88.208	89.946		
5600.000	89.221	89.715		
5650.000	89.181	89.465		
5700.000	89.084	89.215		
5750.000	88.516	88.965		R=-10000.0 L=250.0
5800.000	87.921	88.715		
5850.000	87.421	88.465		
5900.000	87.908	88.215		
5950.000	89.804	87.965		
6000.000	92.919	87.715		
6050.000	93.784	87.465		
6100.000	93.469	87.215		
6150.000	93.743	86.965		
6200.000	93.606	86.715		
6250.000	93.000	86.465		
6300.000	92.817	86.215		
6350.000	92.386	85.965		
6400.000	91.624	85.715		
6450.000	89.845	85.465		
6500.000	89.150	85.215		
6550.000	88.721	84.965		
6600.000	86.526	84.715		
6650.000	85.228	84.465		
6700.000	83.307	84.215		
6750.000	83.462	83.965	R=5000.0 L=661.6	P=-0.5% L=1696.6
6800.000	85.187	83.715		

CHAINAGE: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

Notes:
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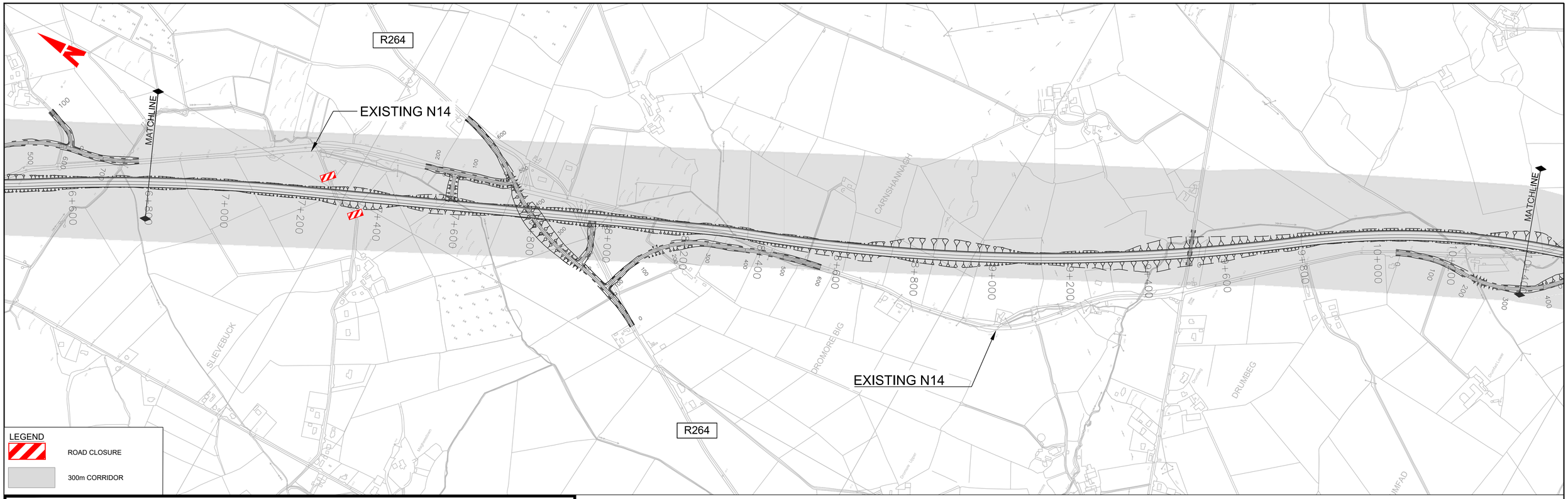
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Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

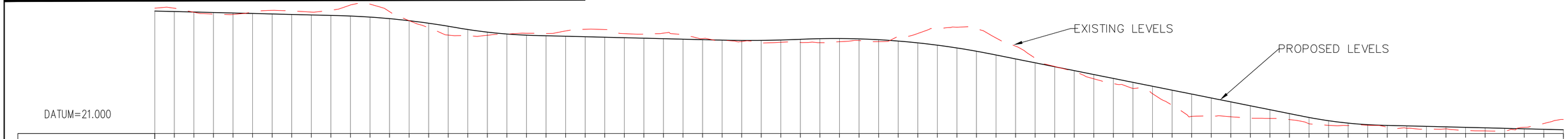
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE FIGURE 3B2 SHEET 2 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B2-DR-CH-00101 TO 00105 3B2 PLAN AND PROFILES	Drawing No. Y16112-3B2-0100-0102	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : \\IETRAMFS02\projects\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B2-DR-CH-0



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	85.187	83.715
6850.000	85.168	83.465
6900.000	83.088	83.215
6950.000	82.171	82.965
7000.000	81.983	82.715
7050.000	83.212	82.465
7100.000	84.056	82.215
7150.000	83.715	81.965
7200.000	83.173	81.715
7250.000	84.098	81.465
7300.000	86.817	81.158
7350.000	87.262	80.613
7400.000	83.408	79.819
7450.000	78.791	78.774
7500.000	75.051	77.480
7550.000	71.393	75.935
7600.000	71.137	74.263
7650.000	71.307	72.920
7700.000	71.905	71.949
7750.000	72.339	71.349
7800.000	72.227	71.063
7850.000	73.512	70.813
7900.000	74.374	70.563
7950.000	74.235	70.313
8000.000	72.160	70.063
8050.000	71.895	69.813
8100.000	72.402	69.563
8150.000	71.684	69.313
8200.000	69.612	69.063
8250.000	68.355	68.815
8300.000	68.069	68.674
8350.000	67.494	68.699
8400.000	67.736	68.891
8450.000	67.614	69.249
8500.000	67.531	69.570
8550.000	68.013	69.641
8600.000	68.601	69.462
8650.000	68.062	69.032
8700.000	70.784	68.353
8750.000	72.219	67.424
8800.000	74.753	66.245
8850.000	75.433	64.816
8900.000	74.546	63.137
8950.000	69.919	61.214
9000.000	65.754	59.214
9050.000	59.612	57.214
9100.000	55.359	55.214
9150.000	52.736	53.214
9200.000	49.019	51.214
9250.000	46.567	49.214
9300.000	44.143	47.214
9350.000	41.409	45.214
9400.000	35.526	43.214
9450.000	29.820	41.214
9500.000	30.071	39.214
9550.000	29.591	37.214
9600.000	28.897	35.214
9650.000	28.755	33.214
9700.000	28.146	31.214
9750.000	26.011	29.230
9800.000	25.195	27.566
9850.000	25.097	26.338
9900.000	25.245	25.547
9950.000	24.263	25.178
10000.000	23.701	24.928
10050.000	23.334	24.678
10100.000	23.426	24.428
10150.000	22.623	24.178
10200.000	22.352	23.928
10250.000	22.418	23.678
10300.000	24.157	23.428
10350.000	26.143	23.178
10400.000	28.212	22.928

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=661.6	P=-0.5% L=1696.6
D=1070.2	R=-10000.0 L=302.5
	R=6720.9 L=203.3
	P=-0.5% L=470.4
R=2040.0 L=125.7	R=15023.6 L=208.2
	R=-10000.0 L=488.6
R=-5000.0 L=1424.0	P=-4.0% L=797.3
R=2040.0 L=1543.1	R=5727.2 L=200.5
	P=-0.5% L=819.7

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CHAINAGE: 6+800 - 10+400

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyr 2, IDA Business & Technology Park, Merve, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

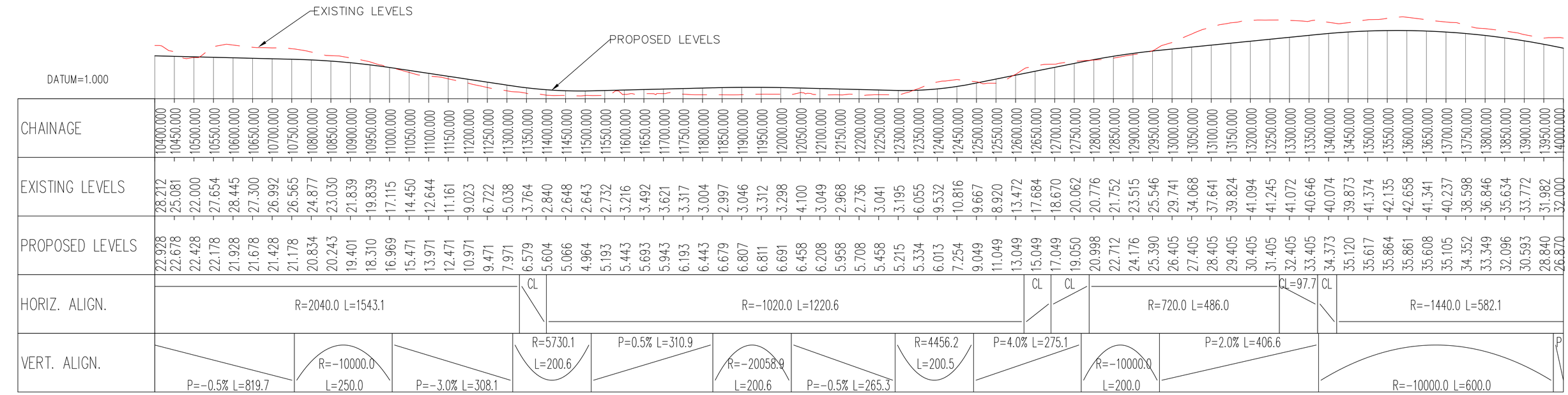
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE FIGURE 3B2 SHEET 3 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B2-DR-CH-00101 TO 00105 3B2 PLAN AND PROFILES	Drawing No. Y16112-3B2-0100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : \\IETRAMFS02\projects\HalorowBarry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B2-DR-CH-00101 to 00105 3B2 Plan and Profiles.dwg

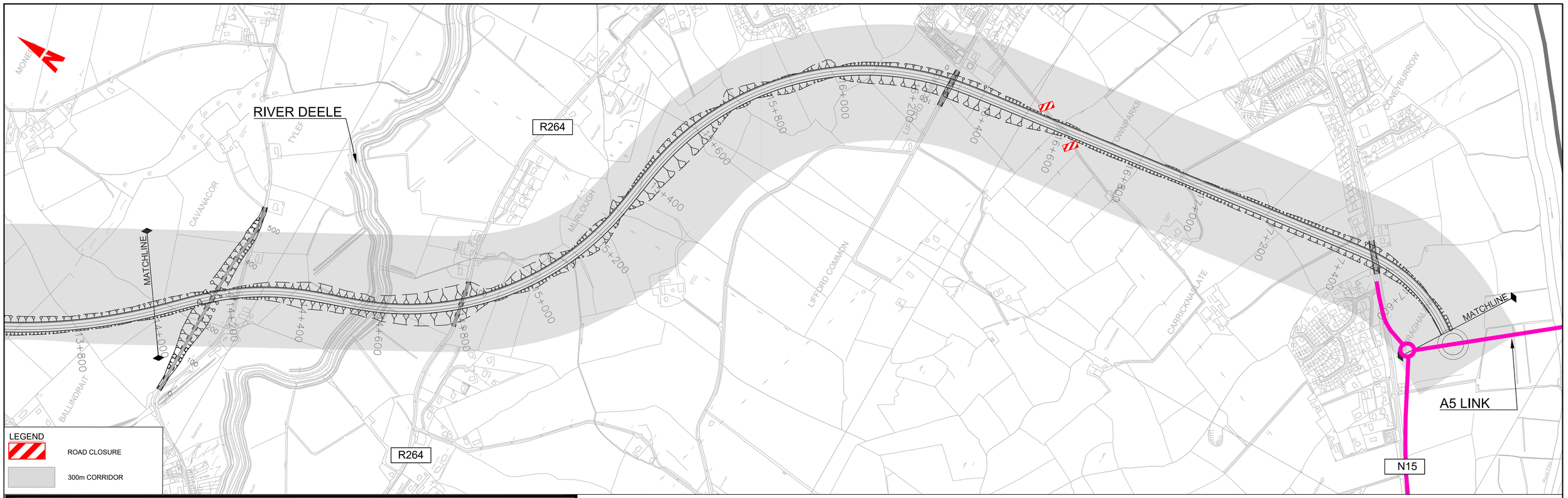


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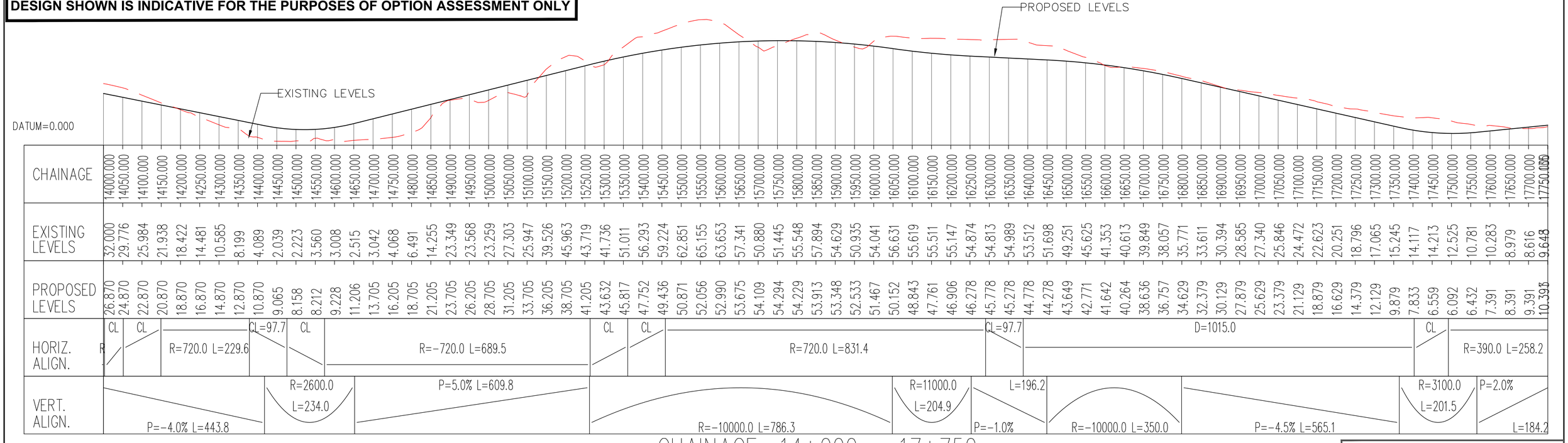


CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	28.212	22.928
10450.000	25.081	22.678
10500.000	22.000	22.428
10550.000	27.654	22.178
10600.000	28.445	21.928
10650.000	27.300	21.678
10700.000	26.992	21.428
10750.000	26.565	21.178
10800.000	24.877	20.834
10850.000	23.030	20.243
10900.000	21.839	19.401
10950.000	19.839	18.310
11000.000	17.115	16.969
11050.000	14.450	15.471
11100.000	12.644	13.971
11150.000	11.161	12.471
11200.000	9.023	10.971
11250.000	6.722	9.471
11300.000	5.038	7.971
11350.000	3.764	6.579
11400.000	2.840	5.604
11450.000	2.648	5.066
11500.000	2.643	4.964
11550.000	2.732	5.193
11600.000	3.216	5.443
11650.000	3.492	5.693
11700.000	3.621	5.943
11750.000	3.317	6.193
11800.000	3.004	6.443
11850.000	2.997	6.679
11900.000	3.046	6.807
11950.000	3.312	6.811
12000.000	3.298	6.691
12050.000	4.100	6.458
12100.000	3.049	6.208
12150.000	2.968	5.958
12200.000	2.736	5.708
12250.000	3.041	5.458
12300.000	3.195	5.215
12350.000	6.055	5.334
12400.000	9.532	6.013
12450.000	10.816	7.254
12500.000	9.667	9.049
12550.000	8.920	11.049
12600.000	13.472	13.049
12650.000	17.684	15.049
12700.000	18.670	17.049
12750.000	20.062	19.050
12800.000	20.776	20.998
12850.000	21.752	22.712
12900.000	23.515	24.176
12950.000	25.546	25.390
13000.000	29.741	26.405
13050.000	34.068	27.405
13100.000	37.641	28.405
13150.000	39.824	29.405
13200.000	41.094	30.405
13250.000	41.245	31.405
13300.000	41.072	32.405
13350.000	40.646	33.405
13400.000	40.074	34.373
13450.000	39.873	35.120
13500.000	41.374	35.617
13550.000	42.135	35.864
13600.000	42.658	35.861
13650.000	41.341	35.608
13700.000	40.237	35.105
13750.000	38.598	34.352
13800.000	36.846	33.349
13850.000	35.634	32.096
13900.000	33.772	30.593
13950.000	31.982	28.840
14000.000	32.000	26.870

| HORIZ. ALIGN. | | |



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
14000.000	32.000	26.870
14050.000	29.776	24.870
14100.000	25.984	22.870
14150.000	21.938	20.870
14200.000	18.422	18.870
14250.000	14.481	16.870
14300.000	10.585	14.870
14350.000	8.199	12.870
14400.000	4.089	10.870
14450.000	2.039	9.065
14500.000	2.223	8.158
14550.000	3.560	8.212
14600.000	3.008	9.228
14650.000	2.515	11.206
14700.000	3.042	13.705
14750.000	4.068	16.205
14800.000	6.491	18.705
14850.000	14.255	21.205
14900.000	23.349	23.705
14950.000	23.568	26.205
15000.000	23.259	28.705
15050.000	27.303	31.205
15100.000	25.947	33.705
15150.000	39.526	36.205
15200.000	45.963	38.705
15250.000	43.719	41.205
15300.000	41.736	43.632
15350.000	51.011	45.817
15400.000	56.293	47.752
15450.000	59.224	49.436
15500.000	62.851	50.871
15550.000	65.155	52.056
15600.000	63.653	52.990
15650.000	57.341	53.675
15700.000	50.880	54.109
15750.000	51.445	54.294
15800.000	55.548	54.229
15850.000	57.894	53.913
15900.000	54.629	53.348
15950.000	50.935	52.533
16000.000	54.041	51.467
16050.000	56.631	50.152
16100.000	55.619	48.843
16150.000	55.511	47.761
16200.000	55.147	46.906
16250.000	54.874	46.278
16300.000	54.813	45.778
16350.000	54.989	45.278
16400.000	53.512	44.778
16450.000	51.698	44.278
16500.000	49.251	43.649
16550.000	45.625	42.771
16600.000	41.353	41.642
16650.000	40.613	40.264
16700.000	39.849	38.636
16750.000	38.057	36.757
16800.000	35.771	34.629
16850.000	33.611	32.379
16900.000	30.394	30.129
16950.000	28.585	27.879
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17050.000	25.846	23.379
17100.000	24.472	21.129
17150.000	22.623	18.879
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17250.000	18.796	14.379
17300.000	17.065	12.129
17350.000	15.245	9.879
17400.000	14.117	7.833
17450.000	14.213	6.559
17500.000	12.525	6.092
17550.000	10.781	6.432
17600.000	10.283	7.391
17650.000	8.979	8.391
17700.000	8.616	9.391
17750.000	9.648	10.396

HORIZ. ALIGN.	VERT. ALIGN.
CL	P=-4.0% L=443.8
CL	R=2600.0 L=234.0
R=720.0 L=229.6	P=5.0% L=609.8
CL=97.7	R=-10000.0 L=786.3
CL	R=11000.0 L=204.9
R=-720.0 L=689.5	L=196.2 P=-1.0%
CL	R=-10000.0 L=350.0
CL	P=-4.5% L=565.1
R=720.0 L=831.4	R=3100.0 L=201.5
CL=97.7	P=2.0% L=184.2
D=1015.0	
CL	
R=390.0 L=258.2	

CHAINAGE: 14+000 - 17+750

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

Notes:
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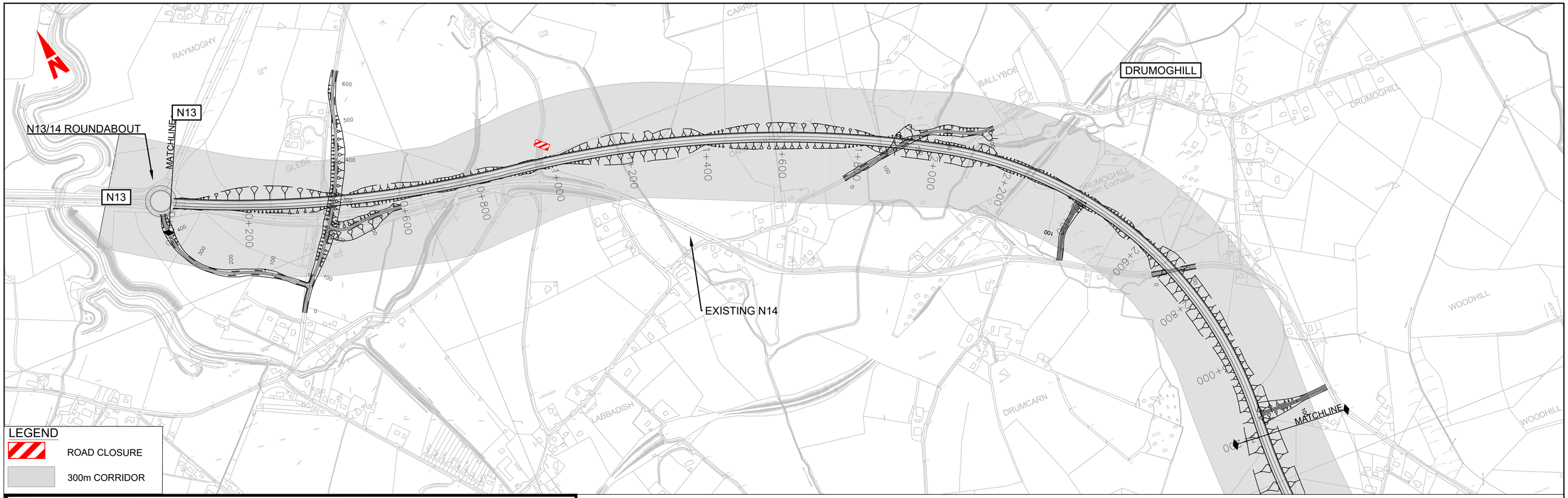
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

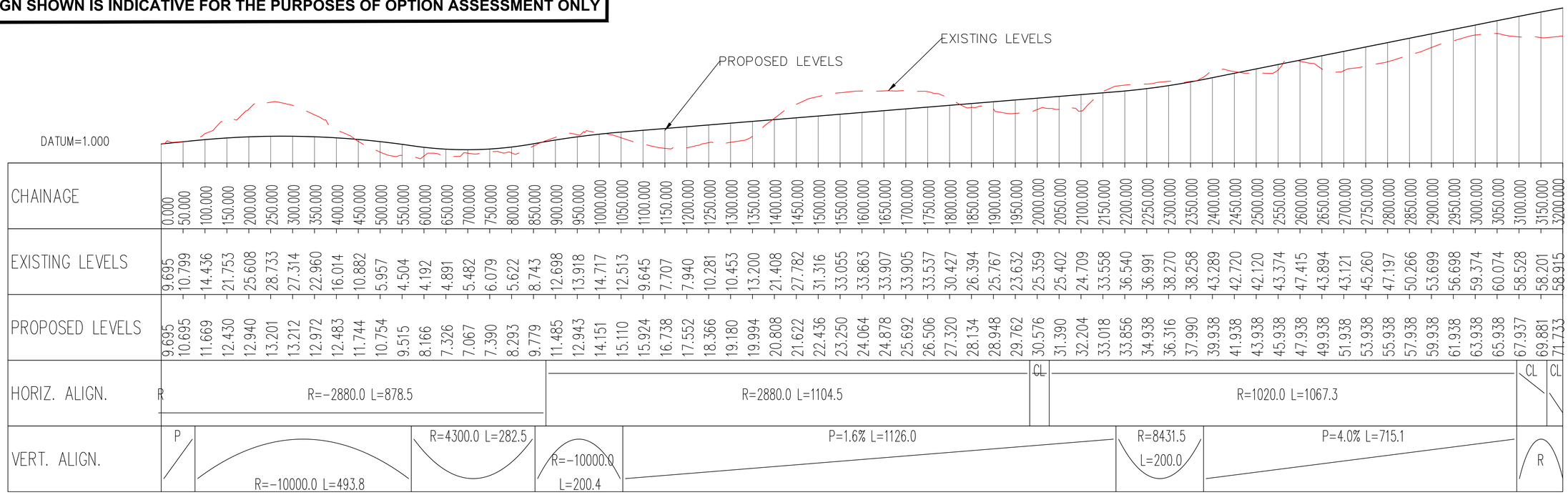
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE FIGURE 3B2 SHEET 5 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3B2-DR-CH-00101 TO 00105 3B2 PLAN AND PROFILES	Drawing No. Y16112-3B2-0100-0105	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : \\IETRAMFS02\projects\HalorowBarry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3B2-DR-CH-00105 3B2 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.695
100.000	14.436	11.669
150.000	21.753	12.430
200.000	25.608	12.940
250.000	28.733	13.201
300.000	27.314	13.212
350.000	22.960	12.972
400.000	16.014	12.483
450.000	10.882	11.744
500.000	5.957	10.754
550.000	4.504	9.515
600.000	4.192	8.166
650.000	4.891	7.326
700.000	5.482	7.067
750.000	6.079	7.390
800.000	5.622	8.293
850.000	8.743	9.779
900.000	12.698	11.485
950.000	13.918	12.943
1000.000	14.717	14.151
1050.000	12.513	15.110
1100.000	9.645	15.924
1150.000	7.707	16.738
1200.000	7.940	17.552
1250.000	10.281	18.366
1300.000	10.453	19.180
1350.000	13.200	19.994
1400.000	21.408	20.808
1450.000	27.782	21.622
1500.000	31.316	22.436
1550.000	33.055	23.250
1600.000	33.863	24.064
1650.000	33.907	24.878
1700.000	33.905	25.692
1750.000	33.537	26.506
1800.000	30.427	27.320
1850.000	26.394	28.134
1900.000	25.767	28.948
1950.000	23.632	29.762
2000.000	25.359	30.576
2050.000	25.402	31.390
2100.000	24.709	32.204
2150.000	33.558	33.018
2200.000	36.540	33.856
2250.000	36.991	34.938
2300.000	38.270	36.316
2350.000	38.258	37.990
2400.000	43.289	39.938
2450.000	42.720	41.938
2500.000	42.120	43.938
2550.000	43.374	45.938
2600.000	47.415	47.938
2650.000	43.894	49.938
2700.000	43.121	51.938
2750.000	45.260	53.938
2800.000	47.197	55.938
2850.000	50.266	57.938
2900.000	53.699	59.938
2950.000	56.698	61.938
3000.000	59.374	63.938
3050.000	60.074	65.938
3100.000	58.528	67.937
3150.000	58.201	69.881
3200.000	58.915	71.733

CHAINAGE: 0+000 - 3+200

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

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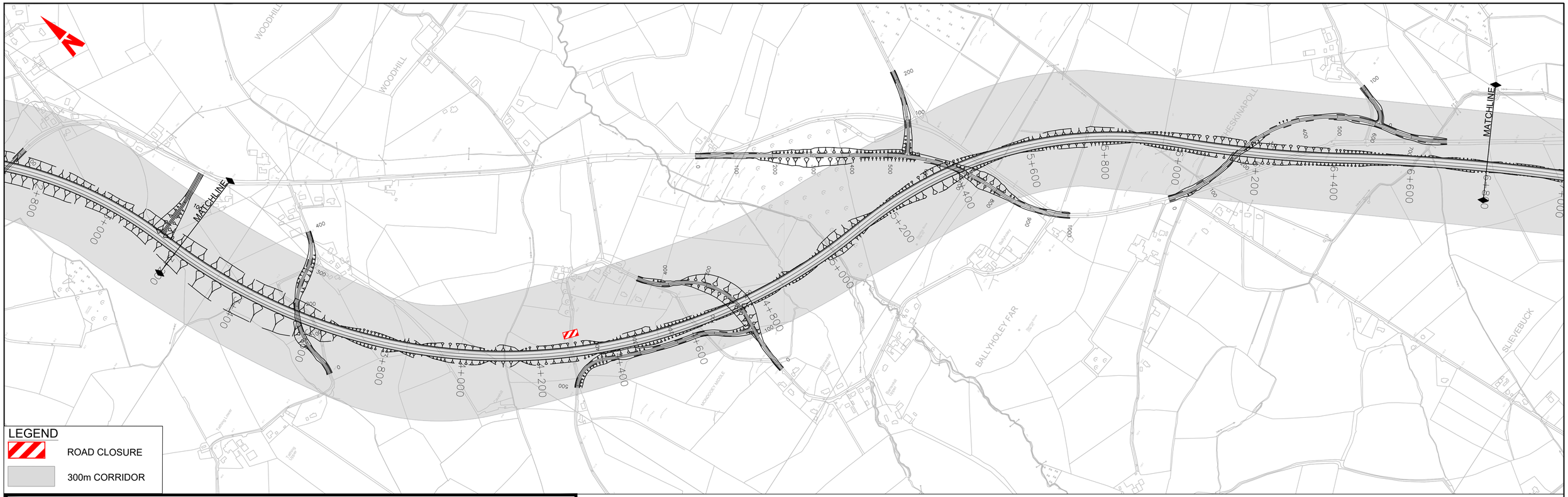
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Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3C1 PLAN & PROFILE
FIGURE 3C1 SHEET 1 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3C1-DR-CH-00101 TO 00105 3C1 PLAN AND PROFILES	Drawing No. Y16112-3C1-0100-0101	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3C1-DR-CH-00101 to 00105 3C1 Plan and Profiles.dwg

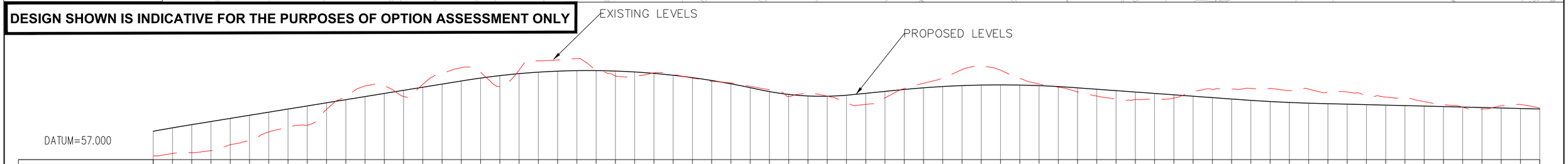


LEGEND

ROAD CLOSURE

300m CORRIDOR

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3200.000	58.915	71.733
3250.000	60.166	73.492
3300.000	60.557	75.159
3350.000	61.666	76.778
3400.000	64.709	78.398
3450.000	67.024	80.018
3500.000	71.393	81.638
3550.000	74.207	83.258
3600.000	74.881	84.878
3650.000	83.114	86.497
3700.000	89.788	88.117
3750.000	95.252	89.737
3800.000	95.284	91.357
3850.000	89.811	92.977
3900.000	96.120	94.597
3950.000	101.809	96.216
4000.000	104.730	97.836
4050.000	102.268	99.355
4100.000	94.909	100.624
4150.000	103.562	101.644
4200.000	108.296	102.413
4250.000	108.768	102.933
4300.000	109.430	103.202
4350.000	103.653	103.222
4400.000	100.461	102.991
4450.000	100.379	102.511
4500.000	102.076	101.780
4550.000	101.047	100.800
4600.000	99.325	99.569
4650.000	97.669	98.089
4700.000	96.798	96.358
4750.000	95.060	94.378
4800.000	93.241	92.317
4850.000	89.786	90.851
4900.000	91.536	90.050
4950.000	89.972	89.914
5000.000	86.541	90.442
5050.000	85.672	91.428
5100.000	89.054	92.428
5150.000	93.906	93.423
5200.000	96.635	94.285
5250.000	99.355	94.955
5300.000	103.738	95.432
5350.000	105.638	95.717
5400.000	103.451	95.809
5450.000	99.150	95.710
5500.000	96.265	95.418
5550.000	94.625	94.934
5600.000	92.185	94.263
5650.000	89.995	93.540
5700.000	88.418	92.816
5750.000	88.184	92.093
5800.000	88.222	91.370
5850.000	88.985	90.646
5900.000	92.119	89.923
5950.000	93.302	89.199
6000.000	93.582	88.476
6050.000	93.960	87.767
6100.000	93.923	87.163
6150.000	92.814	86.676
6200.000	93.612	86.308
6250.000	92.044	86.043
6300.000	92.096	85.793
6350.000	89.931	85.543
6400.000	89.463	85.293
6450.000	88.992	85.043
6500.000	87.112	84.793
6550.000	85.472	84.543
6600.000	84.229	84.293
6650.000	83.315	84.043
6700.000	84.919	83.793
6750.000	85.600	83.543
6800.000	83.745	83.793

HORIZ. ALIGN.	VERT. ALIGN.
CL	R
R=-1440.0 L=1832.4	P=3.2% L=704.7
CL	R=-10000.0 L=764.6
CL	R=3760.0 L=240.9
R=1020.0 L=778.2	P=2.0% L=128.6
CL	R=-13000.0 L=448.1
R=-3000.0 L=413.2	P=-1.4% L=437.8
R=5000.0 L=661.6	R=21123.4 L=200.0
	P=-0.5% L=956.8

CHAINAGE: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m

Scale Bar 1:5000 (A1)

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Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

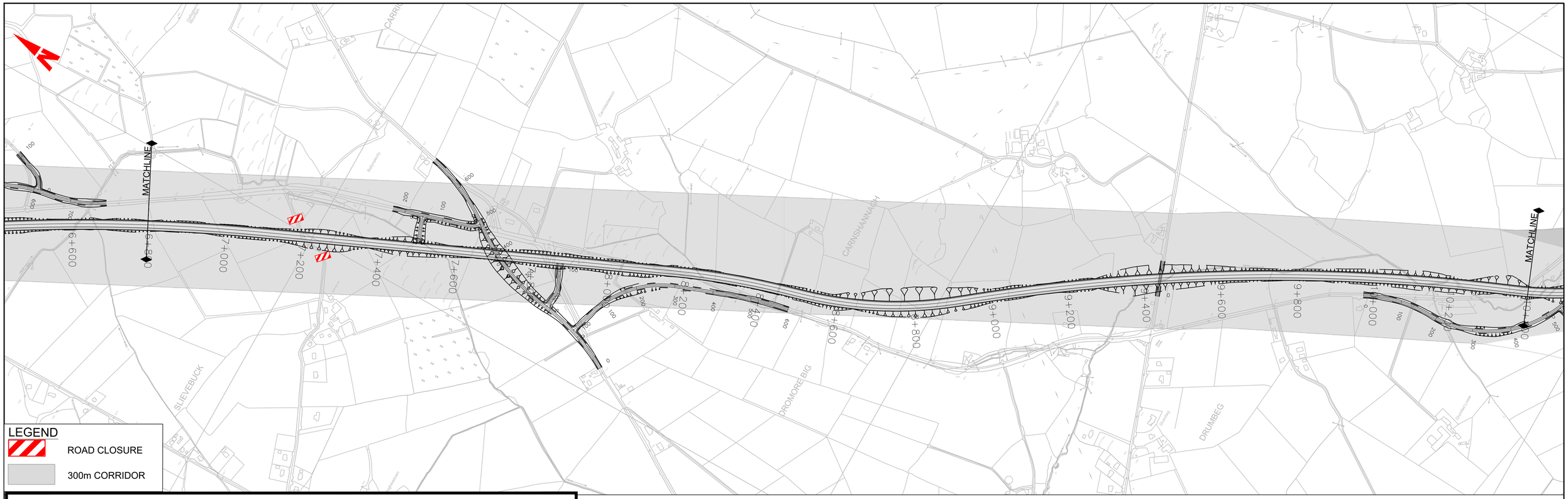
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL

Status: S4

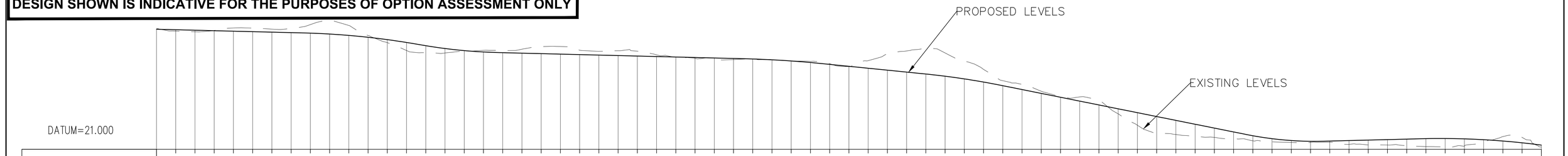
Drawing Title: OPTION 3C1 PLAN & PROFILE
FIGURE 3C1 SHEET 2 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3C1-DR-CH-00101 TO 00105 3C1 PLAN AND PROFILES	Drawing No. Y16112-3C1-0100-0102	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3C1-DR-CH-00101 to 00105 3C1 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	83.745	83.293
6850.000	82.311	83.043
6900.000	81.951	82.793
6950.000	82.669	82.543
7000.000	83.959	82.293
7050.000	83.901	82.043
7100.000	83.362	81.793
7150.000	83.736	81.543
7200.000	85.707	81.277
7250.000	87.863	80.810
7300.000	85.260	80.094
7350.000	80.067	79.128
7400.000	76.347	77.912
7450.000	72.267	76.445
7500.000	71.170	74.760
7550.000	70.981	73.299
7600.000	71.862	72.212
7650.000	72.339	71.496
7700.000	72.213	71.142
7750.000	72.935	70.892
7800.000	74.276	70.642
7850.000	74.332	70.392
7900.000	72.405	70.142
7950.000	71.841	69.892
8000.000	72.133	69.642
8050.000	71.922	69.392
8100.000	70.026	69.142
8150.000	68.618	68.892
8200.000	68.232	68.642
8250.000	68.125	68.392
8300.000	67.549	68.142
8350.000	67.704	67.872
8400.000	67.515	67.445
8450.000	66.914	66.833
8500.000	66.646	66.035
8550.000	65.428	65.068
8600.000	63.883	64.068
8650.000	67.001	63.068
8700.000	70.431	62.068
8750.000	72.036	61.068
8800.000	73.437	60.068
8850.000	70.996	58.928
8900.000	66.746	57.538
8950.000	62.478	55.899
9000.000	56.601	54.009
9050.000	54.698	52.009
9100.000	51.129	50.009
9150.000	48.490	48.009
9200.000	48.196	46.009
9250.000	46.603	44.009
9300.000	39.395	42.009
9350.000	33.494	40.009
9400.000	29.142	38.009
9450.000	28.681	36.009
9500.000	27.744	34.009
9550.000	27.180	32.009
9600.000	26.485	30.009
9650.000	25.404	28.043
9700.000	24.875	26.518
9750.000	24.534	25.556
9800.000	24.574	25.156
9850.000	24.690	25.285
9900.000	23.558	25.535
9950.000	23.278	25.785
10000.000	23.230	26.035
10050.000	22.869	26.285
10100.000	22.407	26.529
10150.000	22.314	26.596
10200.000	22.705	26.414
10250.000	24.723	25.982
10300.000	27.594	25.300
10350.000	27.186	24.368
10400.000	22.158	23.186

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=661.6	P=-0.5% L=956.8
D=1070.2	R=-10000.0 L=302.6
	R=6712.5 L=203.1
	P=-0.5% L=639.7
R=2040.0 L=308.9	R=-13500.0 L=202.5
CL	
R=-1020.0 L=341.8	P=-2.0% L=267.4
CL	R=-10000.0 L=200.0
R=5000.0 L=1383.8	P=-4.0% L=635.7
	R=4444.4 L=200.0
	P=0.5% L=255.8
CL	R=-10000.0 L=363.3

CHAINAGE: 6+800 - 10+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

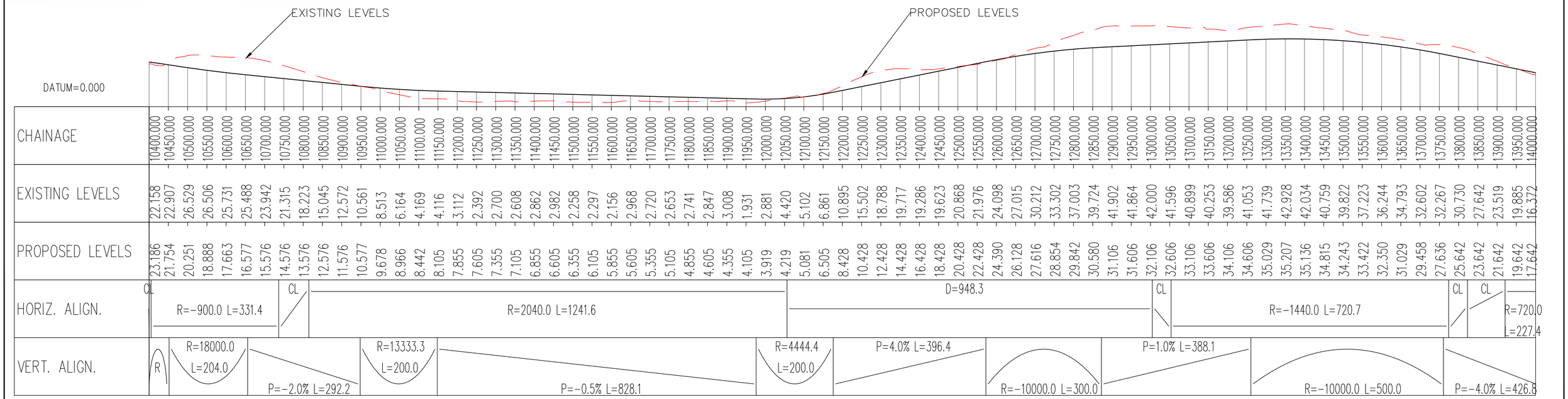
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3C1 PLAN & PROFILE
FIGURE 3C1 SHEET 3 OF 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3C1-DR-CH-00101 TO 00105 3C1 PLAN AND PROFILES	Drawing No. Y16112-3C1-0100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

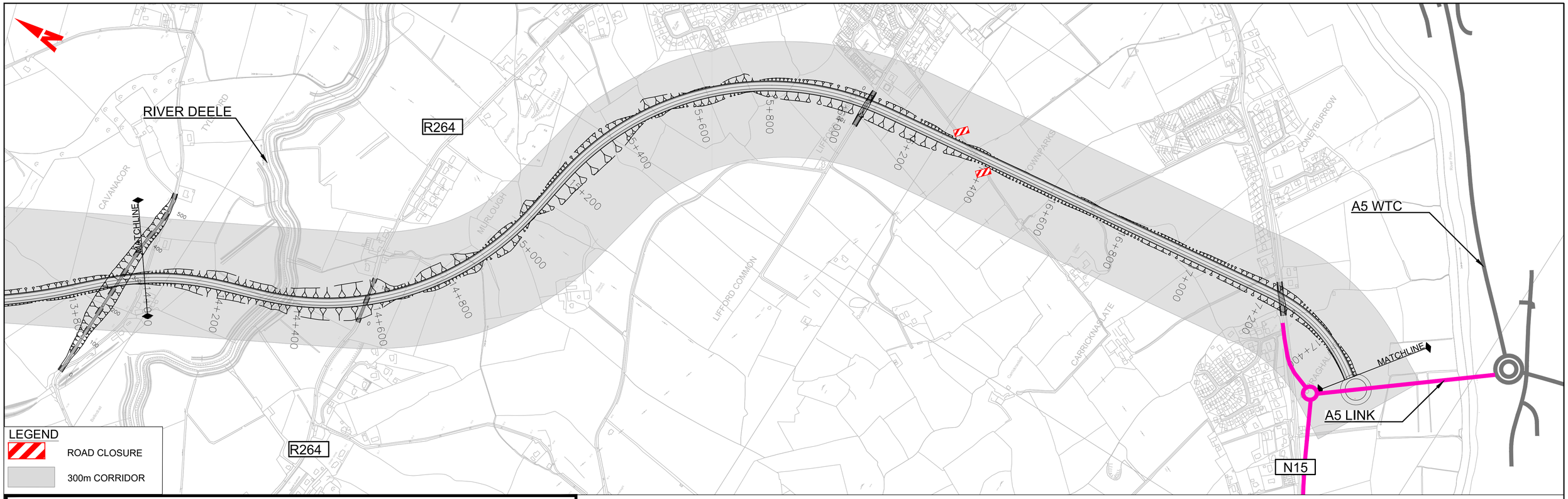
File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3C1-DR-CH-00101 to 00105 3C1 Plan and Profiles.dwg



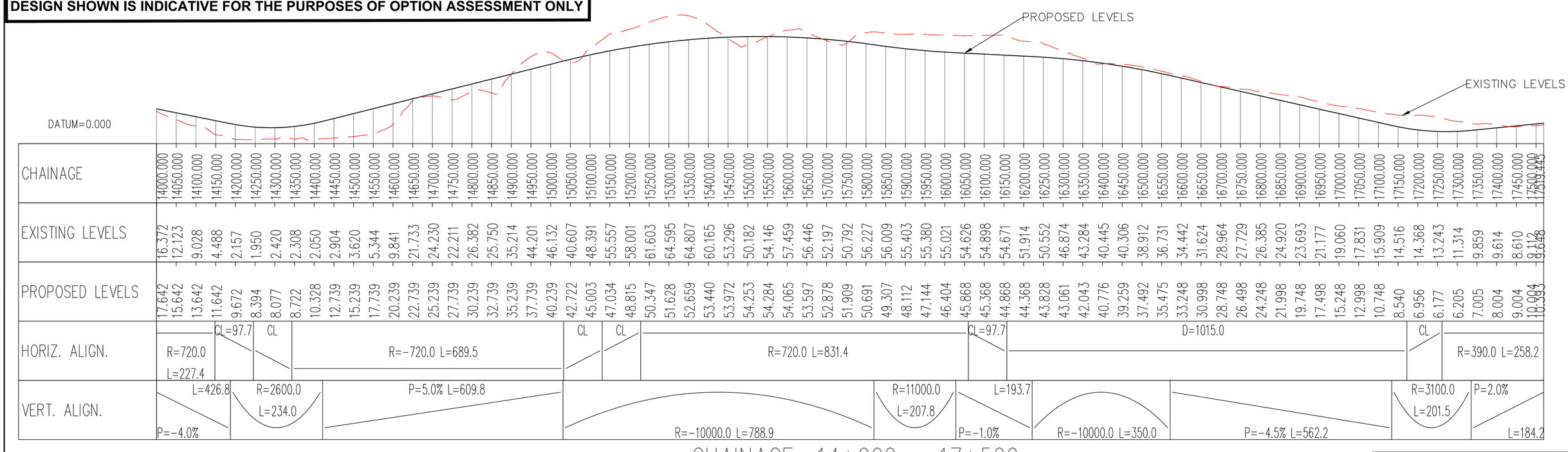
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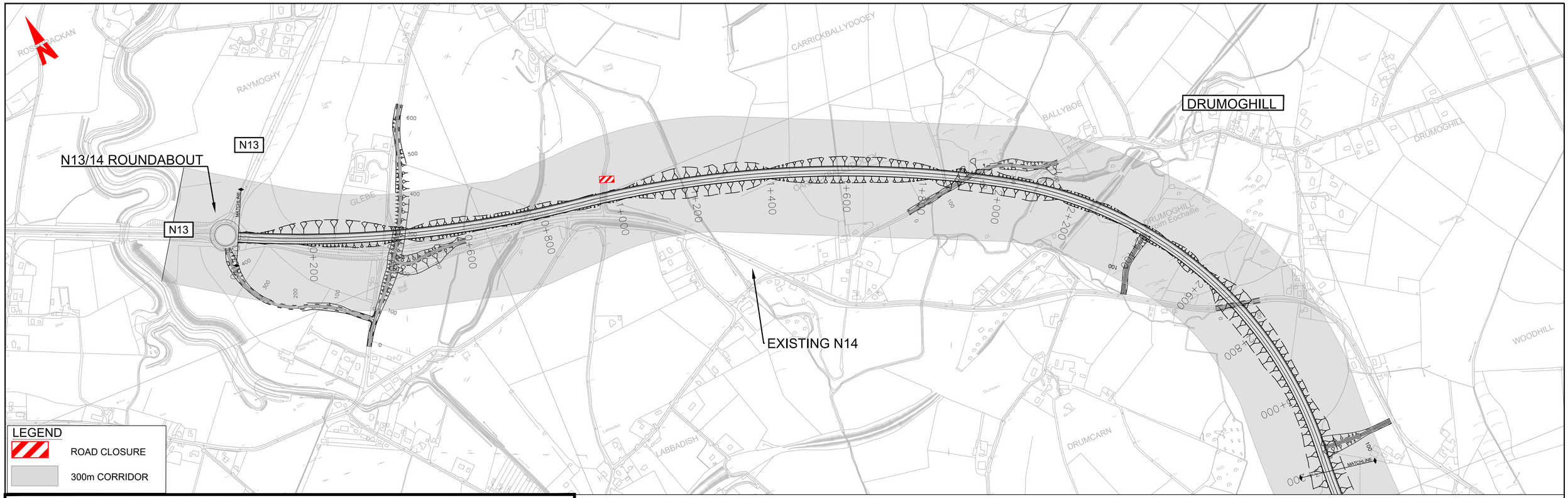
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|---|---|---



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| CHAINAGE | 14000.000 | 14050.000 | 14100.000 | 14150.000 | 14200.000 | 14250.000 | 14300.000 | 14350.000 | 14400.000 | 14450.000 | 14500.000 | 14550.000 | 14600.000 | 14650.000 | 14700.000 | 14750.000 | 14800.000 | 14850.000 | 14900.000 | 14950.000 | 15000.000 | 15050.000 | 15100.000 | 15150.000 | 15200.000 | 15250.000 | 15300.000 | 15350.000 | 15400.000 | 15450.000 | 15500.000 | 15550.000 | 15600.000 | 15650.000 | 15700.000 | 15750.000 | 15800.000 | 15850.000 | 15900.000 | 15950.000 | 16000.000 | 16050.000 | 16100.000 | 16150.000 | 16200.000 | 16250.000 | 16300.000 | 16350.000 | 16400.000 | 16450.000 | 16500.000 | 16550.000 | 16600.000 | 16650.000 | 16700.000 | 16750.000 | 16800.000 | 16850.000 | 16900.000 | 16950.000 | 17000.000 | 17050.000 | 17100.000 | 17150.000 | 17200.000 | 17250.000 | 17300.000 | 17350.000 | 17400.000 | 17450.000 | 17500.000 | 17519.415 |
|---|---|---

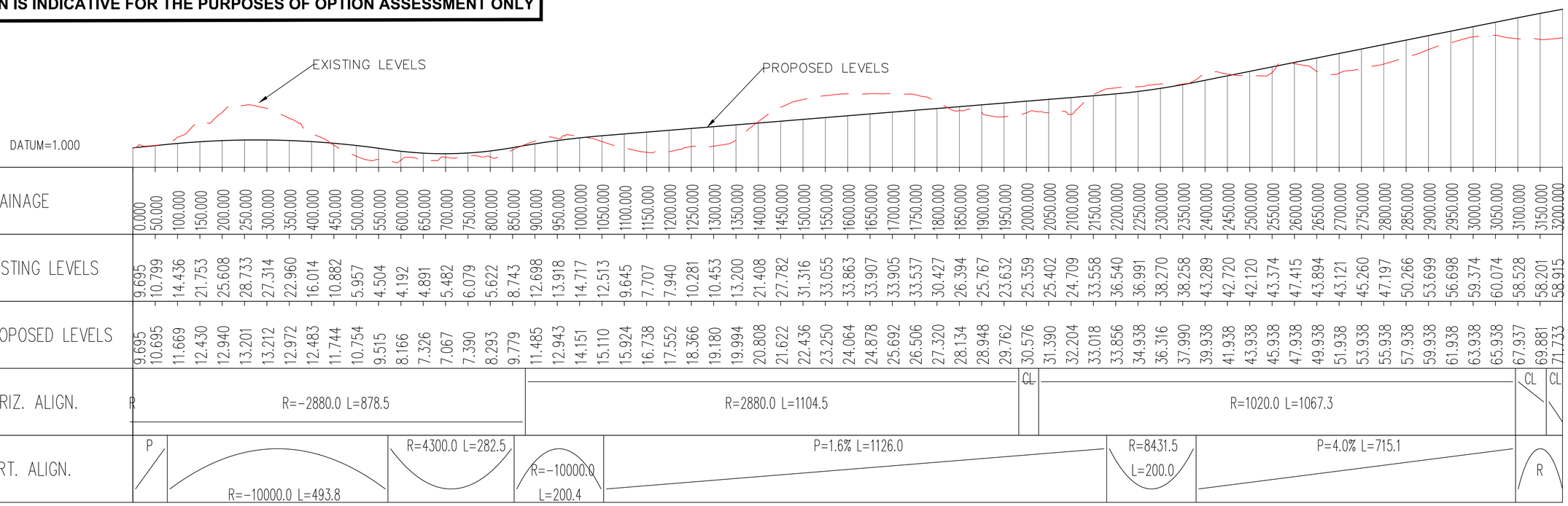


LEGEND

ROAD CLOSURE

300m CORRIDOR

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.695
100.000	14.436	11.669
150.000	21.753	12.430
200.000	25.608	12.940
250.000	28.733	13.201
300.000	27.314	13.212
350.000	22.960	12.972
400.000	16.014	12.483
450.000	10.882	11.744
500.000	5.957	10.754
550.000	4.504	9.515
600.000	4.192	8.166
650.000	4.891	7.326
700.000	5.482	7.067
750.000	6.079	7.390
800.000	5.622	8.293
850.000	8.743	9.779
900.000	12.698	11.485
950.000	13.918	12.943
1000.000	14.717	14.151
1050.000	12.513	15.110
1100.000	9.645	15.924
1150.000	7.707	16.738
1200.000	7.940	17.552
1250.000	10.281	18.366
1300.000	10.453	19.180
1350.000	13.200	19.994
1400.000	21.408	20.808
1450.000	27.782	21.622
1500.000	31.316	22.436
1550.000	33.055	23.250
1600.000	33.863	24.064
1650.000	33.907	24.878
1700.000	33.905	25.692
1750.000	33.537	26.506
1800.000	30.427	27.320
1850.000	26.394	28.134
1900.000	25.767	28.948
1950.000	23.632	29.762
2000.000	25.359	30.576
2050.000	25.402	31.390
2100.000	24.709	32.204
2150.000	33.558	33.018
2200.000	36.540	33.856
2250.000	36.991	34.938
2300.000	38.270	36.316
2350.000	38.258	37.990
2400.000	43.289	39.938
2450.000	42.720	41.938
2500.000	42.120	43.938
2550.000	43.374	45.938
2600.000	47.415	47.938
2650.000	43.894	49.938
2700.000	43.121	51.938
2750.000	45.260	53.938
2800.000	47.197	55.938
2850.000	50.266	57.938
2900.000	53.699	59.938
2950.000	56.698	61.938
3000.000	59.374	63.938
3050.000	60.074	65.938
3100.000	58.528	67.937
3150.000	58.201	69.881
3200.000	58.915	71.733

HORIZ. ALIGN.: R R=-2880.0 L=878.5 | R=2880.0 L=1104.5 | CL | CL | CL

VERT. ALIGN.: P | R=-10000.0 L=493.8 | R=4300.0 L=282.5 | R=-10000.0 L=200.4 | P=1.6% L=1126.0 | R=8431.5 L=200.0 | P=4.0% L=715.1 | R

CHAINAGES: 0+000 – 3+200

Scale Bar 1:5000 (A1)

0m 100m 200m 300m 400m 500m

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

Notes:
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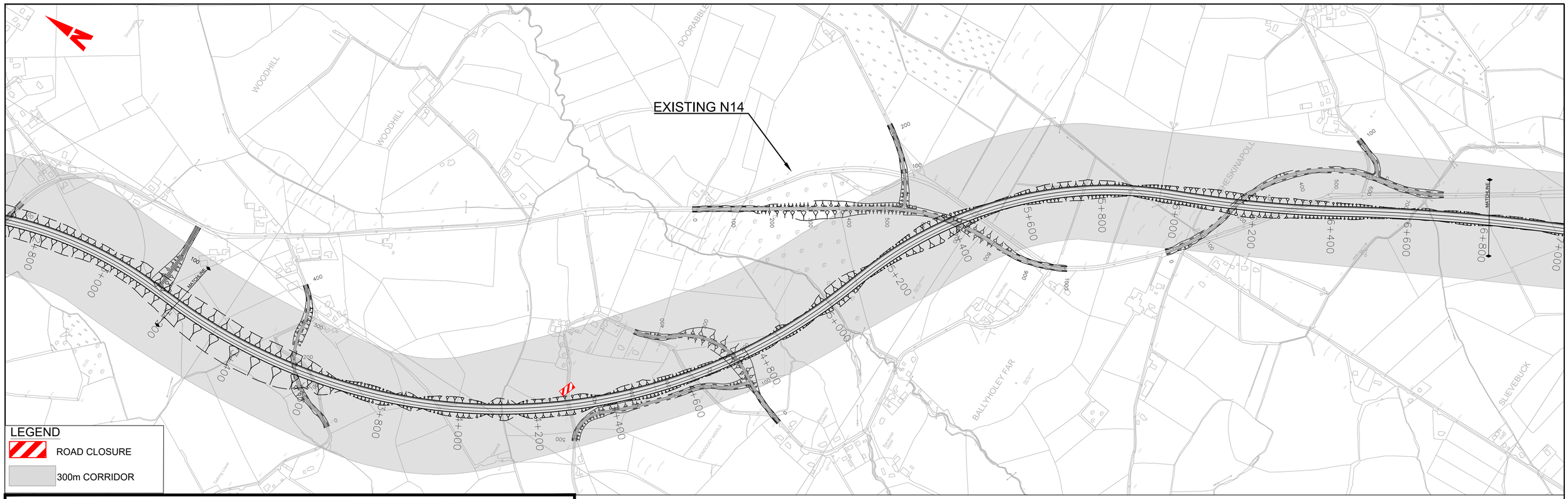
Mainline and side road design shown are not finalised and are subject to change. Road alignment of new and existing roads, junctions and side roads may be varied, relocated, added or removed.

The A5 Link and A5 Western Transport Corridor are not currently part of this project and are being progressed separately.

Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3C2 PLAN & PROFILE SHEET 1 0F 5
Designed: EC
Drawn: LRB
Approved: ED
Checked: EC
File Name: TT_Y16112-BT-RS-HML-3C2-DR-CH-00101 TO 00105 3C2 PLAN AND PROFILES
Scale at A1: 1:5000
Date: OCTOBER 2019
Drawing No.: Y16112-3C2-0100-0101
Rev: P01

File Name :

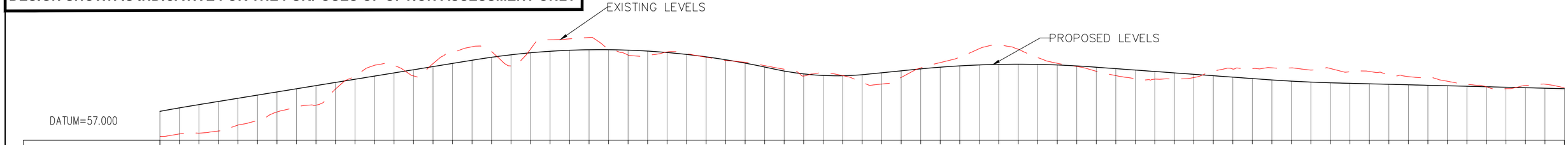


LEGEND

ROAD CLOSURE

300m CORRIDOR

DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3200.000	58.915	71.733
3250.000	60.166	73.492
3300.000	60.557	75.159
3350.000	61.666	76.778
3400.000	64.709	78.398
3450.000	67.024	80.018
3500.000	71.393	81.638
3550.000	74.207	83.258
3600.000	74.881	84.878
3650.000	83.114	86.497
3700.000	89.788	88.117
3750.000	95.252	89.737
3800.000	95.284	91.357
3850.000	89.811	92.977
3900.000	96.120	94.597
3950.000	101.809	96.216
4000.000	104.730	97.836
4050.000	102.268	99.355
4100.000	94.909	100.624
4150.000	103.562	101.644
4200.000	108.296	102.413
4250.000	108.768	102.933
4300.000	109.430	103.202
4350.000	103.653	103.222
4400.000	100.461	102.991
4450.000	100.379	102.511
4500.000	102.076	101.780
4550.000	101.047	100.800
4600.000	99.325	99.569
4650.000	97.669	98.089
4700.000	96.798	96.358
4750.000	95.060	94.378
4800.000	93.241	92.317
4850.000	89.786	90.851
4900.000	91.536	90.050
4950.000	89.972	89.914
5000.000	86.541	90.442
5050.000	85.672	91.428
5100.000	89.054	92.428
5150.000	93.906	93.423
5200.000	96.635	94.285
5250.000	99.355	94.955
5300.000	103.738	95.432
5350.000	105.638	95.717
5400.000	103.451	95.809
5450.000	99.150	95.710
5500.000	96.265	95.418
5550.000	94.625	94.934
5600.000	92.185	94.263
5650.000	89.995	93.540
5700.000	88.418	92.816
5750.000	88.184	92.093
5800.000	88.222	91.370
5850.000	88.985	90.646
5900.000	92.119	89.923
5950.000	93.302	89.199
6000.000	93.582	88.476
6050.000	93.960	87.767
6100.000	93.923	87.163
6150.000	92.814	86.676
6200.000	93.612	86.308
6250.000	92.044	86.043
6300.000	92.096	85.793
6350.000	89.931	85.543
6400.000	89.463	85.293
6450.000	88.992	85.043
6500.000	87.112	84.793
6550.000	85.472	84.543
6600.000	84.229	84.293
6650.000	83.315	84.043
6700.000	84.919	83.793
6750.000	85.600	83.543
6800.000	83.745	83.293

HORIZ. ALIGN.: CL | R=-1440.0 L=1832.4 | CL | CL | R=1020.0 L=778.2 | CL | R=-3000.0 L=413.2 | R=5000.0 L=661.6

VERT. ALIGN.: R | P=3.2% L=704.7 | R=-10000.0 L=764.6 | R=3760.0 L=240.9 | P=2.0% L=128.6 | R=-13000.0 L=448.1 | P=-1.4% L=437.8 | R=21123.4 L=200.0 | P=-0.5% L=956.8

CHAINAGE: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m

Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL

Status: S4

Drawing Title: OPTION 3C2 PLAN & PROFILE SHEET 2 0F 5

Designed: EC
Drawn: LRB
Approved: ED
Checked: EC

File Name: TT_Y16112-BT-RS-HML-3C2-DR-CH-00101 TO 00105 3C2 PLAN AND PROFILES

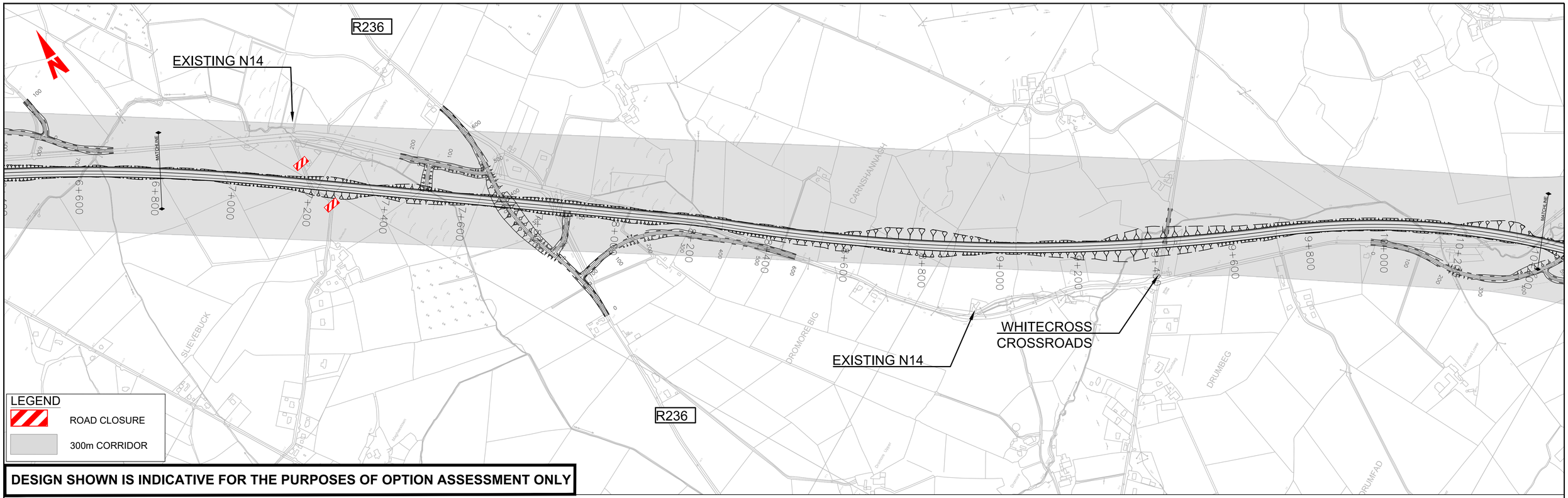
Scale at A1: 1:5000

Date: OCTOBER 2019

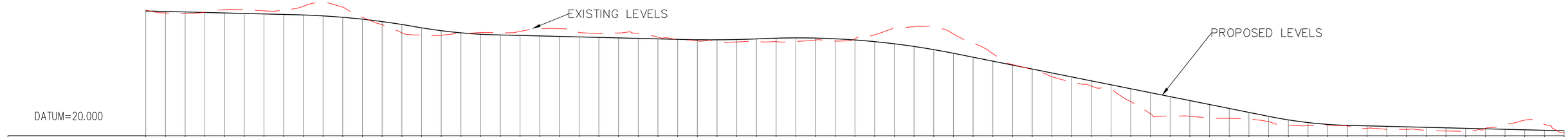
Drawing No.: Y16112-3C2-0100-0102

Rev.: P01

File Name :



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	83.745	83.293
6850.000	82.311	83.043
6900.000	81.951	82.793
6950.000	82.669	82.543
7000.000	83.959	82.293
7050.000	83.901	82.043
7100.000	83.362	81.793
7150.000	83.736	81.543
7200.000	85.707	81.277
7250.000	87.863	80.810
7300.000	85.260	80.094
7350.000	80.067	79.128
7400.000	76.347	77.912
7450.000	72.267	76.445
7500.000	71.170	74.760
7550.000	70.981	73.299
7600.000	71.862	72.212
7650.000	72.339	71.496
7700.000	72.213	71.142
7750.000	72.935	70.892
7800.000	74.276	70.642
7850.000	74.332	70.392
7900.000	72.405	70.142
7950.000	71.841	69.892
8000.000	72.133	69.642
8050.000	71.922	69.392
8100.000	70.026	69.142
8150.000	68.618	68.892
8200.000	68.232	68.701
8250.000	68.125	68.674
8300.000	67.554	68.814
8350.000	67.796	69.118
8400.000	67.737	69.495
8450.000	67.821	69.644
8500.000	68.571	69.544
8550.000	68.051	69.193
8600.000	69.213	68.592
8650.000	71.204	67.741
8700.000	74.779	66.641
8750.000	75.305	65.290
8800.000	75.336	63.689
8850.000	71.675	61.838
8900.000	66.861	59.840
8950.000	61.652	57.840
9000.000	56.112	55.840
9050.000	53.593	53.840
9100.000	49.887	51.840
9150.000	47.225	49.840
9200.000	45.174	47.840
9250.000	43.313	45.840
9300.000	37.369	43.840
9350.000	31.122	41.840
9400.000	30.008	39.840
9450.000	29.864	37.840
9500.000	29.104	35.840
9550.000	28.793	33.840
9600.000	28.564	31.840
9650.000	27.115	29.840
9700.000	25.457	28.041
9750.000	25.126	26.678
9800.000	25.440	25.750
9850.000	24.950	25.257
9900.000	23.761	25.007
9950.000	23.218	24.757
10000.000	23.186	24.507
10050.000	22.745	24.257
10100.000	22.394	24.007
10150.000	22.241	23.757
10200.000	23.813	23.507
10250.000	25.482	23.257
10300.000	27.897	23.007
10350.000	25.776	22.757
10400.000	21.595	22.507

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=661.6	P=−0.5% L=956.8
D=1070.2	R=−10000.0 L=302.6
	R=6712.5 L=203.1
	P=−0.5% L=470.2
R=2040.0 L=125.7	R=15083.7 L=208.8
R=−5000.0 L=1424.0	R=−10000.0 L=488.4
	P=−4.0% L=797.0
R=2040.0 L=1543.1	R=5742.7 L=201.0
	P=−0.5% L=819.5

CHAINAGE: 6+800 – 10+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

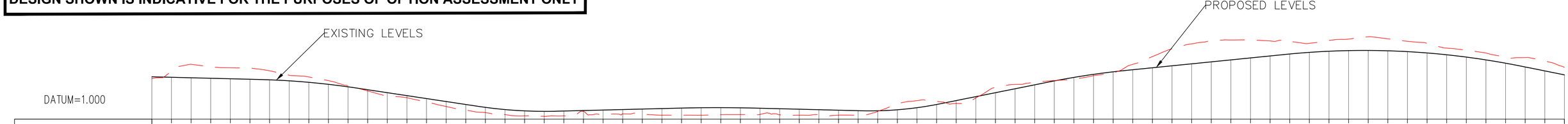
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3C2 PLAN & PROFILE SHEET 3 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3C2-DR-CH-00101 TO 00105 3C2 PLAN AND PROFILES	Drawing No. Y16112-3C2-0100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name :



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	21.595	22.507
10450.000	25.338	22.257
10500.000	28.845	22.007
10550.000	27.569	21.757
10600.000	27.071	21.507
10650.000	26.991	21.257
10700.000	25.554	20.968
10750.000	23.287	20.455
10800.000	22.401	19.692
10850.000	20.549	18.678
10900.000	17.893	17.415
10950.000	15.313	15.940
11000.000	13.038	14.440
11050.000	11.892	12.940
11100.000	9.821	11.440
11150.000	7.422	9.940
11200.000	5.625	8.440
11250.000	4.319	6.974
11300.000	3.271	5.863
11350.000	2.663	5.189
11400.000	2.421	4.950
11450.000	2.650	5.115
11500.000	4.951	5.365
11550.000	3.293	5.615
11600.000	3.662	5.865
11650.000	3.403	6.115
11700.000	3.007	6.365
11750.000	3.000	6.614
11800.000	2.970	6.782
11850.000	3.256	6.825
11900.000	3.306	6.743
11950.000	3.394	6.537
12000.000	3.177	6.287
12050.000	2.997	6.037
12100.000	3.256	5.787
12150.000	2.996	5.537
12200.000	3.078	5.287
12250.000	4.964	5.238
12300.000	8.859	5.742
12350.000	10.403	6.807
12400.000	10.027	8.432
12450.000	8.930	10.424
12500.000	11.760	12.424
12550.000	17.081	14.424
12600.000	18.610	16.424
12650.000	19.745	18.424
12700.000	20.582	20.410
12750.000	21.237	22.202
12800.000	23.072	23.745
12850.000	24.619	25.037
12900.000	28.834	26.093
12950.000	32.779	27.093
13000.000	36.732	28.093
13050.000	39.245	29.093
13100.000	40.841	30.093
13150.000	41.206	31.093
13200.000	41.239	32.093
13250.000	40.705	33.093
13300.000	40.236	34.088
13350.000	39.517	34.913
13400.000	40.979	35.488
13450.000	41.667	35.813
13500.000	42.835	35.889
13550.000	41.796	35.714
13600.000	40.550	35.289
13650.000	39.501	34.614
13700.000	37.071	33.689
13750.000	36.067	32.515
13800.000	34.600	31.090
13850.000	32.357	29.415
13900.000	32.260	27.495
13950.000	30.554	25.495
14000.000	27.320	23.495

HORIZ. ALIGN.	VERT. ALIGN.
R=2040.0 L=1543.1	P=-0.5% L=819.5
CL	R=-10000.0 L=250.0
	P=-3.0% L=307.9
R=-1020.0 L=1220.6	R=5739.5 L=200.9
	P=0.5% L=311.0
	R=-20000.0 L=200.0
	P=-0.5% L=265.5
CL	R=4462.4 L=200.8
CL	P=4.0% L=275.0
R=720.0 L=486.0	R=-10000.0 L=200.0
CL=97.7	P=2.0% L=406.6
CL	R=-10000.0 L=600.0
R=-1440.0 L=582.1	L=443.8
CL	P=-4.0%
CL	

CHAINAGE: 10+400 - 14+000

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@bbarry.ie

Notes:
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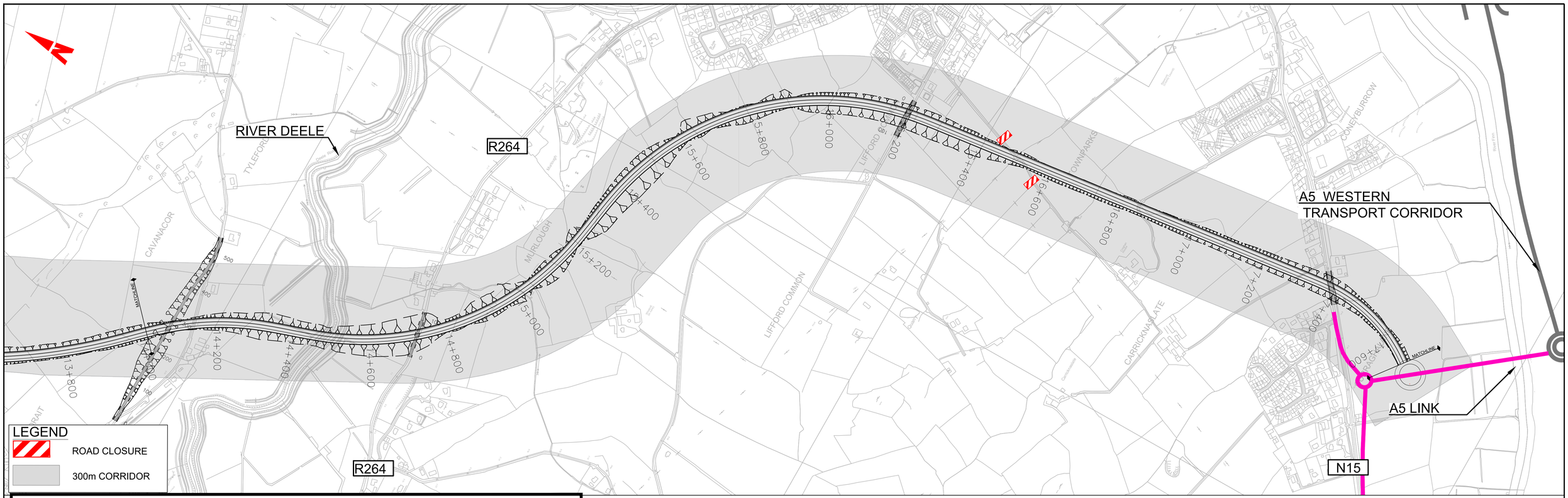
The A5 Link and A5 Western Transport Corridor are not currently part of this project and are being progressed separately.

Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

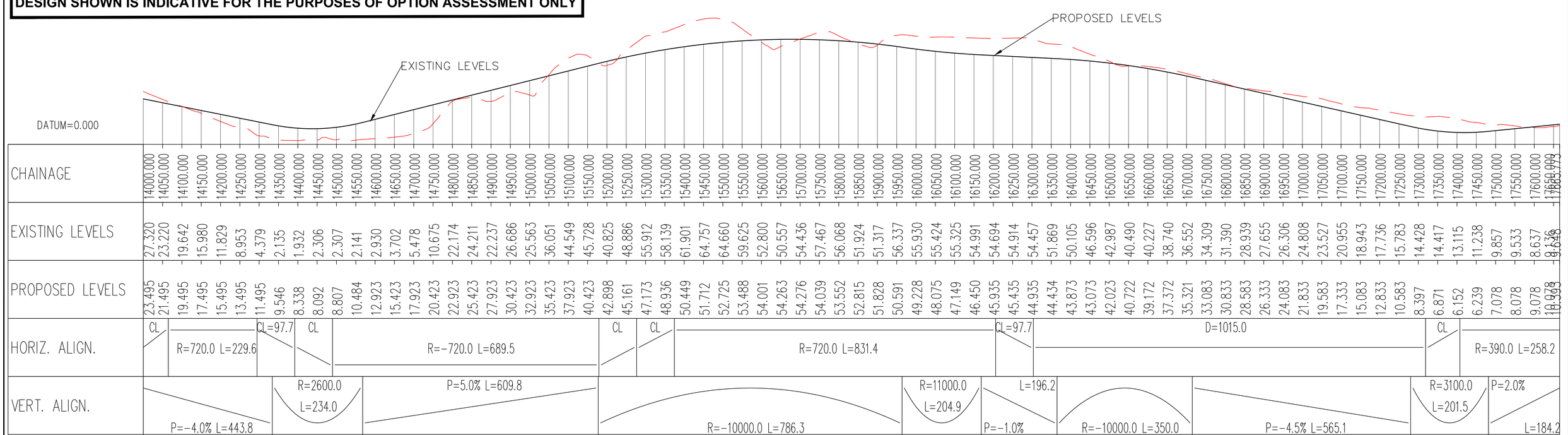
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3C2 PLAN & PROFILE SHEET 4 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3C2-DR-CH-00101 TO 00105 3C2 PLAN AND PROFILES	Drawing No. Y16112-3C2-0100-0104	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name :



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
14000.000	27.320	23.495	CL	
14050.000	23.220	21.495		P=-4.0% L=443.8
14100.000	19.642	19.495	R=720.0 L=229.6	
14150.000	15.980	17.495		
14200.000	11.829	15.495		
14250.000	8.953	13.495		
14300.000	4.379	11.495	CL=97.7	
14350.000	2.135	9.546		R=2600.0 L=234.0
14400.000	1.932	8.338	CL	
14450.000	2.306	8.092		
14500.000	2.307	8.807		
14550.000	2.141	10.484		
14600.000	2.930	12.923		
14650.000	3.702	15.423		
14700.000	5.478	17.923		
14750.000	10.675	20.423		
14800.000	22.174	22.923		
14850.000	24.211	25.423		
14900.000	22.237	27.923		
14950.000	26.686	30.423		
15000.000	25.563	32.923	R=-720.0 L=689.5	P=5.0% L=609.8
15050.000	36.051	35.423		
15100.000	44.549	37.923		
15150.000	45.728	40.423		
15200.000	40.825	42.898		
15250.000	48.886	45.161		
15300.000	55.912	47.173	CL	
15350.000	58.139	48.936		
15400.000	61.901	50.449		
15450.000	64.757	51.712		
15500.000	64.660	52.725		
15550.000	59.625	53.488	CL	
15600.000	52.800	54.001		
15650.000	50.557	54.263		
15700.000	54.436	54.276		
15750.000	57.467	54.039		
15800.000	56.068	53.552		
15850.000	51.924	52.815		
15900.000	51.317	51.828	R=720.0 L=831.4	R=-10000.0 L=786.3
15950.000	56.337	50.591		
16000.000	55.930	49.228		
16050.000	55.424	48.075		
16100.000	55.325	47.149		
16150.000	54.991	46.450		
16200.000	54.694	45.935	CL=97.7	R=11000.0 L=204.9
16250.000	54.914	45.435		
16300.000	54.457	44.935		L=196.2
16350.000	51.869	44.434		
16400.000	50.105	43.873		P=-1.0%
16450.000	46.596	43.073		
16500.000	42.987	42.023	D=1015.0	R=-10000.0 L=350.0
16550.000	40.490	40.722		
16600.000	40.227	39.172		
16650.000	38.740	37.372		
16700.000	36.552	35.321		P=-4.5% L=565.1
16750.000	34.309	33.083		
16800.000	31.390	30.833		
16850.000	28.939	28.583		
16900.000	27.655	26.333	CL	R=3100.0 L=201.5
16950.000	26.306	24.083		
17000.000	24.808	21.833		
17050.000	23.527	19.583		
17100.000	20.955	17.333		
17150.000	18.943	15.083		
17200.000	17.736	12.833		
17250.000	15.783	10.583		
17300.000	14.428	8.397	R=390.0 L=258.2	P=2.0%
17350.000	14.417	6.871		
17400.000	13.115	6.152		
17450.000	11.238	6.239		
17500.000	9.857	7.078		
17550.000	9.533	8.078		
17600.000	8.637	9.078		
17660.773	9.136	10.503		L=184.2

CHAINAGE: 14+00 - 17+600

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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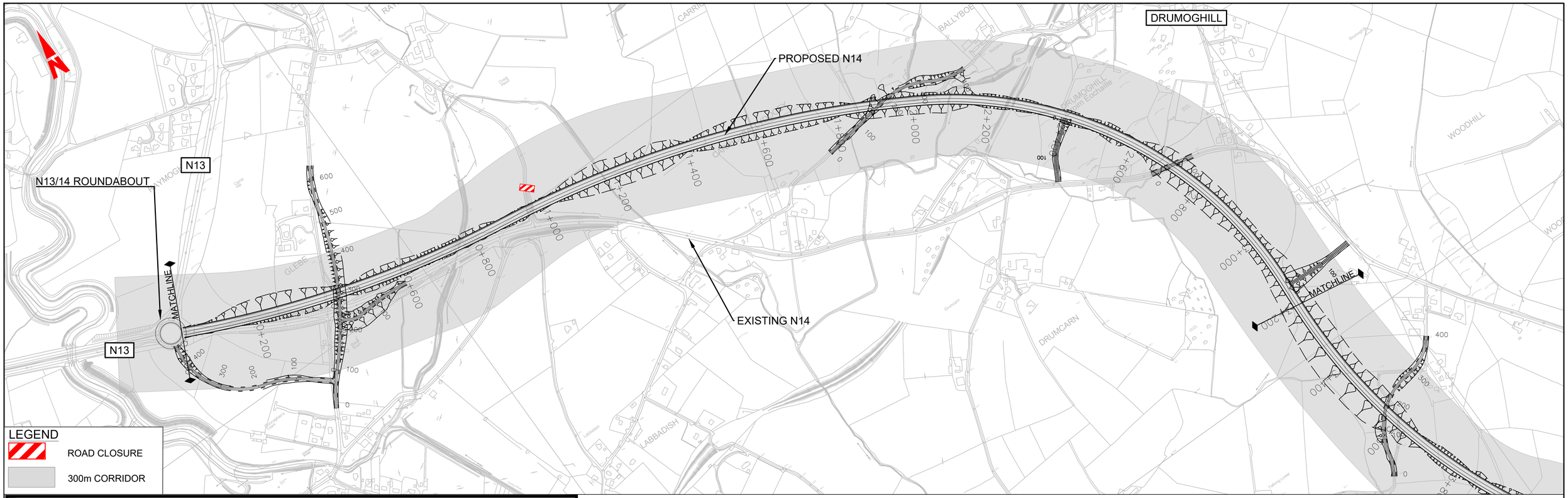
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

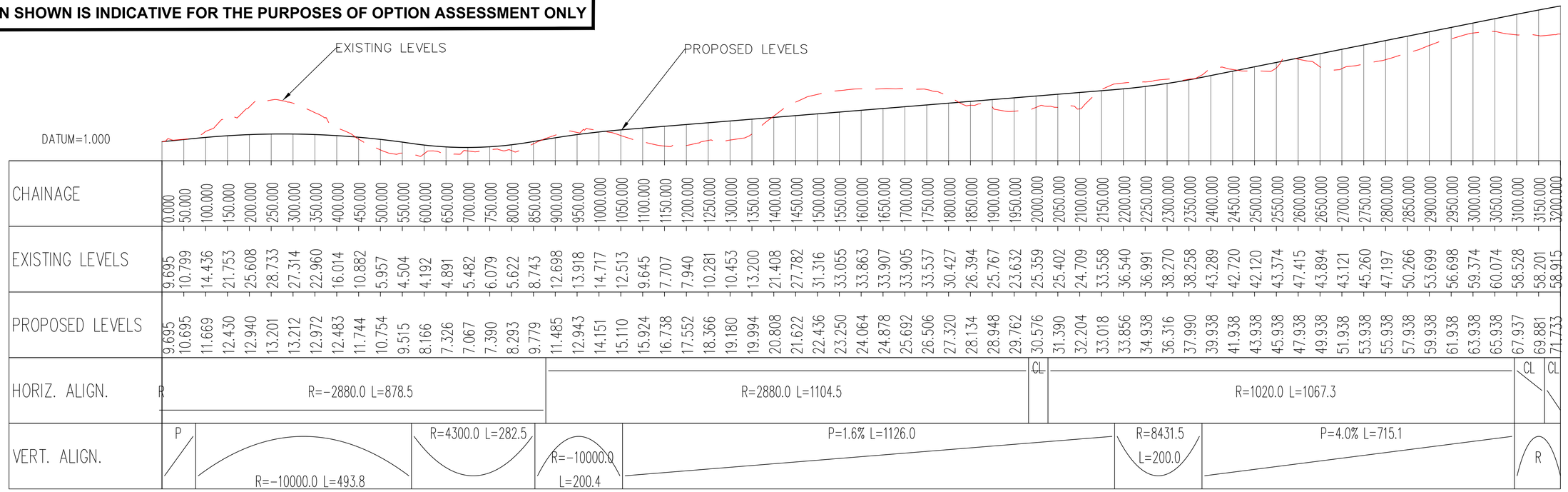
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3C2 PLAN & PROFILE SHEET 5 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3C2-DR-CH-00101 TO 00105 3C2 PLAN AND PROFILES	Drawing No. Y16112-3C2-0100-0105	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name :



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.695
100.000	14.436	11.669
150.000	21.753	12.430
200.000	25.608	12.940
250.000	28.733	13.201
300.000	27.314	13.212
350.000	22.960	12.972
400.000	16.014	12.483
450.000	10.882	11.744
500.000	5.957	10.754
550.000	4.504	9.515
600.000	4.192	8.166
650.000	4.891	7.326
700.000	5.482	7.067
750.000	6.079	7.390
800.000	5.622	8.293
850.000	8.743	9.779
900.000	12.698	11.485
950.000	13.918	12.943
1000.000	14.717	14.151
1050.000	12.513	15.110
1100.000	9.645	15.924
1150.000	7.707	16.738
1200.000	7.940	17.552
1250.000	10.281	18.366
1300.000	10.453	19.180
1350.000	13.200	19.994
1400.000	21.408	20.808
1450.000	27.782	21.622
1500.000	31.316	22.436
1550.000	33.055	23.250
1600.000	33.863	24.064
1650.000	33.907	24.878
1700.000	33.905	25.692
1750.000	33.537	26.506
1800.000	30.427	27.320
1850.000	26.394	28.134
1900.000	25.767	28.948
1950.000	23.632	29.762
2000.000	25.359	30.576
2050.000	25.402	31.390
2100.000	24.709	32.204
2150.000	33.558	33.018
2200.000	36.540	33.856
2250.000	36.991	34.938
2300.000	38.270	36.316
2350.000	38.258	37.990
2400.000	43.299	39.938
2450.000	42.720	41.938
2500.000	42.120	43.938
2550.000	43.374	45.938
2600.000	47.415	47.938
2650.000	43.894	49.938
2700.000	43.121	51.938
2750.000	45.260	53.938
2800.000	47.197	55.938
2850.000	50.266	57.938
2900.000	53.699	59.938
2950.000	56.698	61.938
3000.000	59.374	63.938
3050.000	60.074	65.938
3100.000	58.528	67.937
3150.000	58.201	69.881
3200.000	58.915	71.733

HORIZ. ALIGN.	R	R=-2880.0 L=878.5		R=2880.0 L=1104.5		CL	R=1020.0 L=1067.3		CL	CL
VERT. ALIGN.	P	R=-10000.0 L=493.8	R=4300.0 L=282.5	R=-10000.0 L=200.4	P=1.6% L=1126.0		R=8431.5 L=200.0	P=4.0% L=715.1	R	

CHAINAGES: 0+000 - 3+200

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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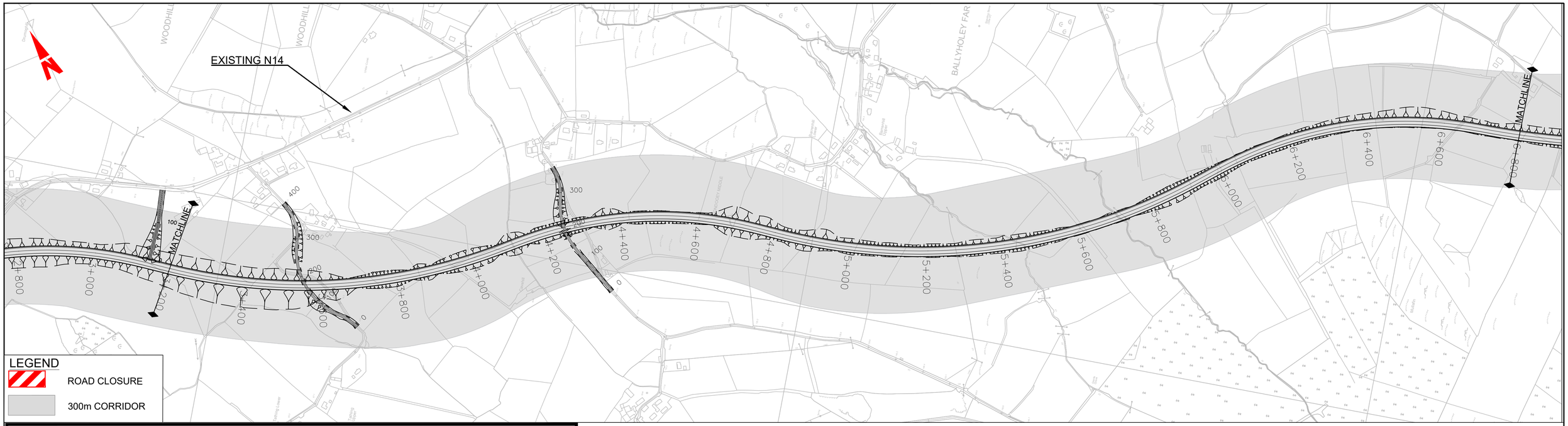
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

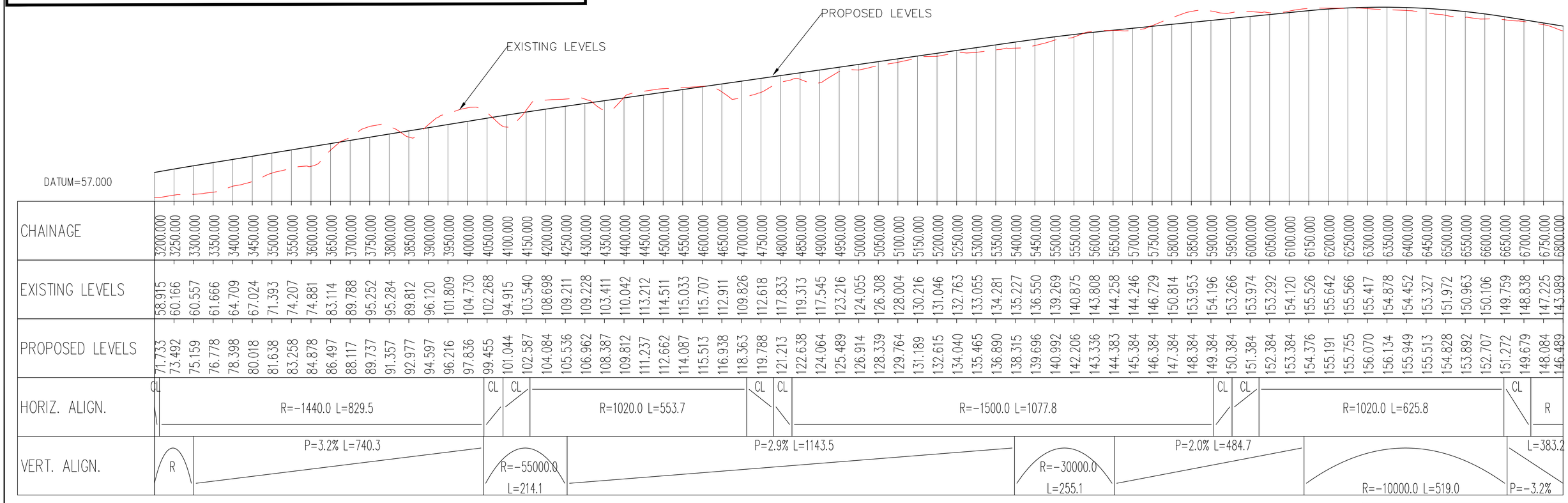
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3D PLAN & PROFILE FIGURE 3D SHEET 1 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3D-DR-CH-00101 TO 00105 3D PLAN AND PROFILES	Drawing No. Y16112-3D-0100-0101	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Hal\cro\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3D-DR-CH-00101 to 00105 3D Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3200.000	58.915	71.733
3250.000	60.166	73.492
3300.000	60.557	75.159
3350.000	61.666	76.778
3400.000	64.709	78.398
3450.000	67.024	80.018
3500.000	71.393	81.638
3550.000	74.207	83.258
3600.000	74.881	84.878
3650.000	83.114	86.497
3700.000	89.788	88.117
3750.000	95.252	89.737
3800.000	95.284	91.357
3850.000	89.812	92.977
3900.000	96.120	94.597
3950.000	101.809	96.216
4000.000	104.730	97.836
4050.000	102.268	99.455
4100.000	94.915	101.044
4150.000	103.540	102.587
4200.000	108.698	104.084
4250.000	109.211	105.536
4300.000	109.228	106.962
4350.000	103.411	108.387
4400.000	110.042	109.812
4450.000	113.212	111.237
4500.000	114.511	112.662
4550.000	115.033	114.087
4600.000	115.707	115.513
4650.000	112.911	116.938
4700.000	109.826	118.363
4750.000	112.618	119.788
4800.000	117.833	121.213
4850.000	119.313	122.638
4900.000	117.545	124.064
4950.000	123.216	125.489
5000.000	124.055	126.914
5050.000	126.308	128.339
5100.000	128.004	129.764
5150.000	130.216	131.189
5200.000	131.046	132.615
5250.000	132.763	134.040
5300.000	133.055	135.465
5350.000	134.281	136.890
5400.000	135.227	138.315
5450.000	136.550	139.696
5500.000	139.269	140.992
5550.000	140.875	142.206
5600.000	143.808	143.336
5650.000	144.258	144.383
5700.000	144.246	145.384
5750.000	146.729	146.384
5800.000	150.814	147.384
5850.000	153.953	148.384
5900.000	154.196	149.384
5950.000	153.266	150.384
6000.000	153.974	151.384
6050.000	153.292	152.384
6100.000	154.120	153.384
6150.000	155.526	154.376
6200.000	155.642	155.191
6250.000	155.566	155.755
6300.000	155.417	156.070
6350.000	154.878	156.134
6400.000	154.452	155.949
6450.000	153.327	155.513
6500.000	151.972	154.828
6550.000	150.963	153.892
6600.000	150.106	152.707
6650.000	149.759	151.272
6700.000	148.838	149.679
6750.000	147.225	148.084
6800.000	143.989	146.489

HORIZ. ALIGN.	VERT. ALIGN.
CL	R
R=-1440.0 L=829.5	P=3.2% L=740.3
CL	
CL	R=-55000.0 L=214.1
R=1020.0 L=553.7	P=2.9% L=1143.5
CL	
CL	R=-30000.0 L=255.1
R=-1500.0 L=1077.8	P=2.0% L=484.7
CL	
CL	R=-10000.0 L=519.0
R=1020.0 L=625.8	L=383.2
CL	P=-3.2%
R	

CHAINAGES: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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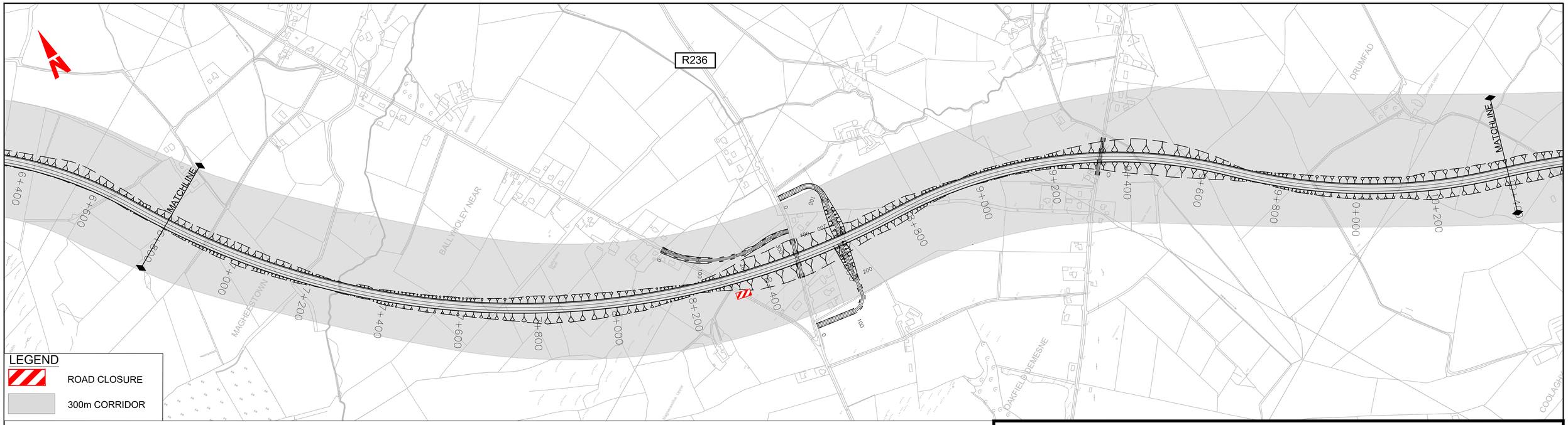
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

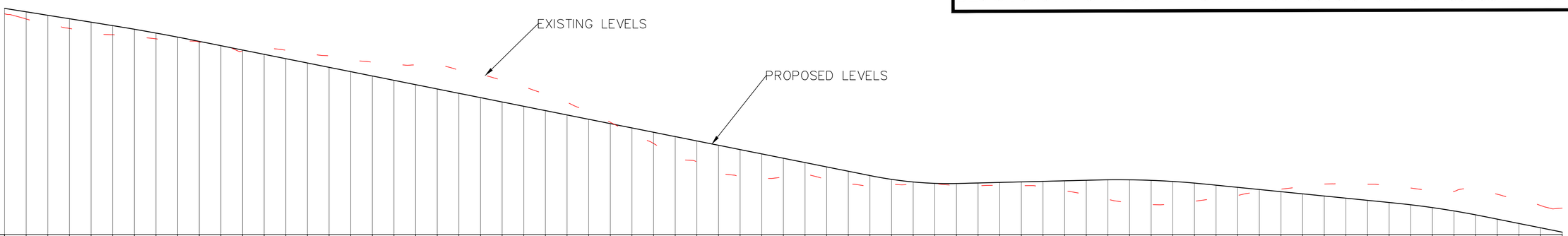
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3D PLAN & PROFILE FIGURE 3D SHEET 2 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3D-DR-CH-00101 TO 00105 3D PLAN AND PROFILES	Drawing No. Y16112-3D-0100-0102	Rev: P01
Drawn: LRB	Scale at A1: 1:5000		
Approved: ED	Date: OCTOBER 2019		
Checked: EC			

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3D-DR-CH-00101 to 00105 3D Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	143.989	146.489
6850.000	141.585	144.894
6900.000	139.287	143.299
6950.000	137.221	141.704
7000.000	134.974	140.109
7050.000	134.322	138.512
7100.000	133.483	136.847
7150.000	132.408	135.082
7200.000	131.818	133.217
7250.000	130.958	131.253
7300.000	129.589	129.253
7350.000	126.797	127.253
7400.000	128.287	125.253
7450.000	127.149	123.253
7500.000	125.568	121.253
7550.000	124.380	119.253
7600.000	122.586	117.253
7650.000	121.638	115.253
7700.000	120.531	113.253
7750.000	120.511	111.253
7800.000	120.671	109.253
7850.000	117.940	107.253
7900.000	116.338	105.253
7950.000	113.249	103.253
8000.000	110.016	101.253
8050.000	107.102	99.253
8100.000	103.114	97.253
8150.000	98.664	95.253
8200.000	93.865	93.253
8250.000	88.963	91.253
8300.000	84.056	89.253
8350.000	78.268	87.253
8400.000	75.567	85.253
8450.000	70.883	83.253
8500.000	68.421	81.253
8550.000	67.921	79.253
8600.000	68.575	77.253
8650.000	70.015	75.253
8700.000	67.496	73.253
8750.000	65.441	71.253
8800.000	64.176	69.253
8850.000	65.389	67.493
8900.000	65.162	66.293
8950.000	65.331	65.655
9000.000	64.486	65.581
9050.000	64.528	65.829
9100.000	64.705	66.079
9150.000	64.578	66.329
9200.000	63.932	66.579
9250.000	62.281	66.829
9300.000	60.487	67.079
9350.000	58.295	67.295
9400.000	56.570	67.291
9450.000	55.832	67.037
9500.000	56.268	66.532
9550.000	57.367	65.778
9600.000	58.783	64.807
9650.000	60.031	63.807
9700.000	61.817	62.807
9750.000	62.987	61.807
9800.000	64.250	60.807
9850.000	65.342	59.807
9900.000	65.354	58.807
9950.000	65.250	57.807
10000.000	64.623	56.807
10050.000	63.509	55.748
10100.000	61.724	54.450
10150.000	61.919	52.902
10200.000	63.058	51.104
10250.000	60.623	49.116
10300.000	58.700	47.116
10350.000	55.420	45.116
10400.000	54.229	43.116

HORIZ. ALIGN.	R=-2040.0 L=2031.2	CL	R=1200.0 L=806.3	CL CL R=-1440.0 L=612.3 CL R
VERT. ALIGN.	P=-3.2% L=383.2	R=-25000.0 L=202.5	P=-4.0% L=1561.3	R=4444.4 L=200.0 P=0.5% L=320.3 R=-10000.0 L=250.0 P=-2.0% L=441.3 R=-10000.0 L=200.0 L=963.8 P=-4.0%

CHAINAGES: 6+800 – 10+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
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E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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Notes:
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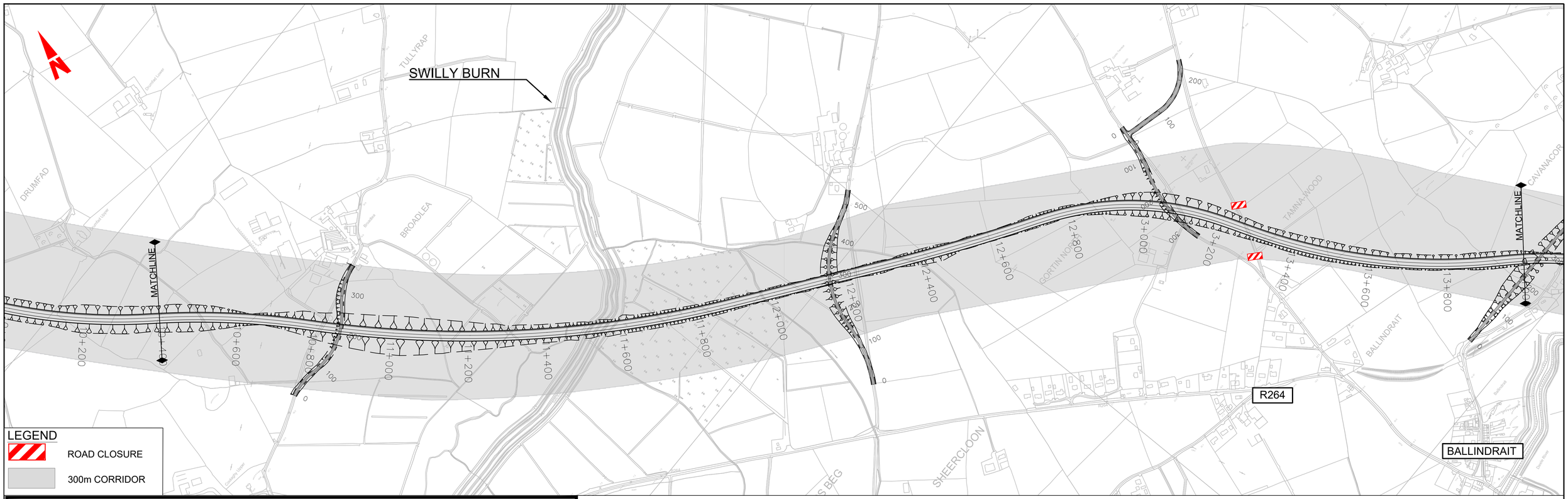
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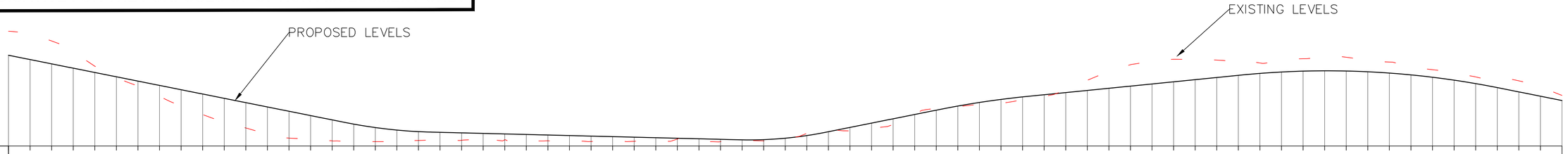
Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3D PLAN & PROFILE FIGURE 3D SHEET 3 OF 5
Designed: EC
Drawn: LRB
Approved: ED
Checked: EC
File Name: TT_Y16112-BT-RS-HML-3D-DR-CH-00101 TO 00105 3D PLAN AND PROFILES
Scale at A1: 1:5000
Date: OCTOBER 2019
Drawing No.: Y16112-3D-0100-0103
Rev: P01

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3D-DR-CH-00101 to 00105 3D Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	54.229	43.116
10450.000	52.548	41.116
10500.000	49.743	39.116
10550.000	44.647	37.116
10600.000	38.038	35.116
10650.000	32.759	33.116
10700.000	28.861	31.116
10750.000	23.956	29.116
10800.000	19.595	27.116
10850.000	15.578	25.116
10900.000	12.255	23.116
10950.000	9.361	21.116
11000.000	6.785	19.116
11050.000	4.668	17.116
11100.000	4.340	15.116
11150.000	3.373	13.116
11200.000	3.124	11.154
11250.000	3.032	9.554
11300.000	2.610	8.391
11350.000	3.561	7.666
11400.000	3.624	7.341
11450.000	3.647	7.091
11500.000	4.175	6.841
11550.000	3.847	6.591
11600.000	3.264	6.341
11650.000	3.387	6.091
11700.000	3.178	5.841
11750.000	3.093	5.591
11800.000	3.376	5.341
11850.000	3.180	5.091
11900.000	3.226	4.841
11950.000	4.233	4.591
12000.000	2.951	4.341
12050.000	2.998	4.091
12100.000	3.595	3.846
12150.000	3.340	3.947
12200.000	3.679	4.611
12250.000	6.854	5.837
12300.000	8.755	7.621
12350.000	8.013	9.621
12400.000	8.810	11.621
12450.000	11.042	13.621
12500.000	15.842	15.621
12550.000	18.447	17.621
12600.000	19.189	19.534
12650.000	20.306	21.201
12700.000	20.987	22.617
12750.000	22.460	23.783
12800.000	24.089	24.786
12850.000	27.694	25.786
12900.000	31.502	26.786
12950.000	35.696	27.786
13000.000	38.720	28.786
13050.000	40.241	29.786
13100.000	41.254	30.786
13150.000	41.273	31.786
13200.000	40.877	32.786
13250.000	41.096	33.786
13300.000	39.527	34.687
13350.000	40.439	35.339
13400.000	41.504	35.740
13450.000	42.568	35.892
13500.000	42.184	35.794
13550.000	40.866	35.446
13600.000	39.967	34.848
13650.000	37.570	33.999
13700.000	36.403	32.901
13750.000	35.057	31.553
13800.000	33.070	29.955
13850.000	32.216	28.107
13900.000	31.237	26.108
13950.000	28.381	24.108
14000.000	24.459	22.108

HORIZ. ALIGN.	VERT. ALIGN.
R=2040.0 L=398.4	P=-4.0% L=963.8
R=-2880.0 L=1109.6	R=5714.3 L=200.0; P=-0.5% L=714.5
D=407.5	R=4444.4 L=200.0
R=-5000.0 L=377.6	P=4.0% L=264.5
CL	R=-10000.0 L=200.0
R=720.0 L=381.8	P=2.0% L=497.1
CL=97.7	
CL	R=-10000.0 L=600.0
R=-1440.0 L=582.1	L=443.8
CL	P=-4.0%
CL	

CHAINAGES: 10+400 - 14+000

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
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Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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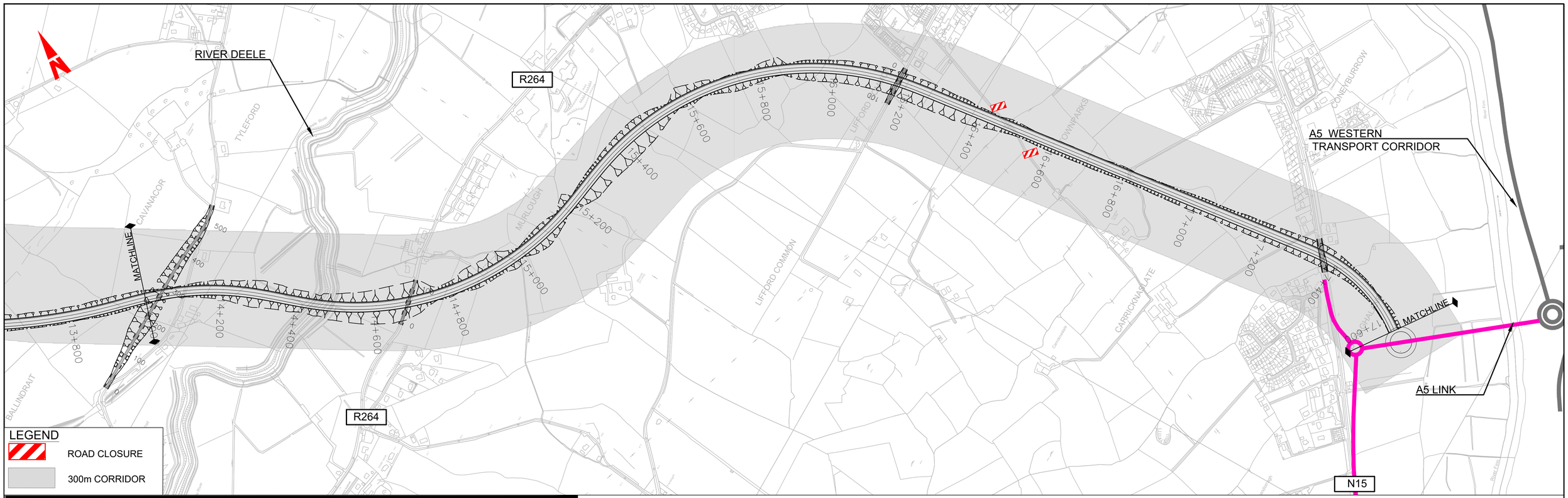
Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3D PLAN & PROFILE FIGURE 3D SHEET 4 0F 5

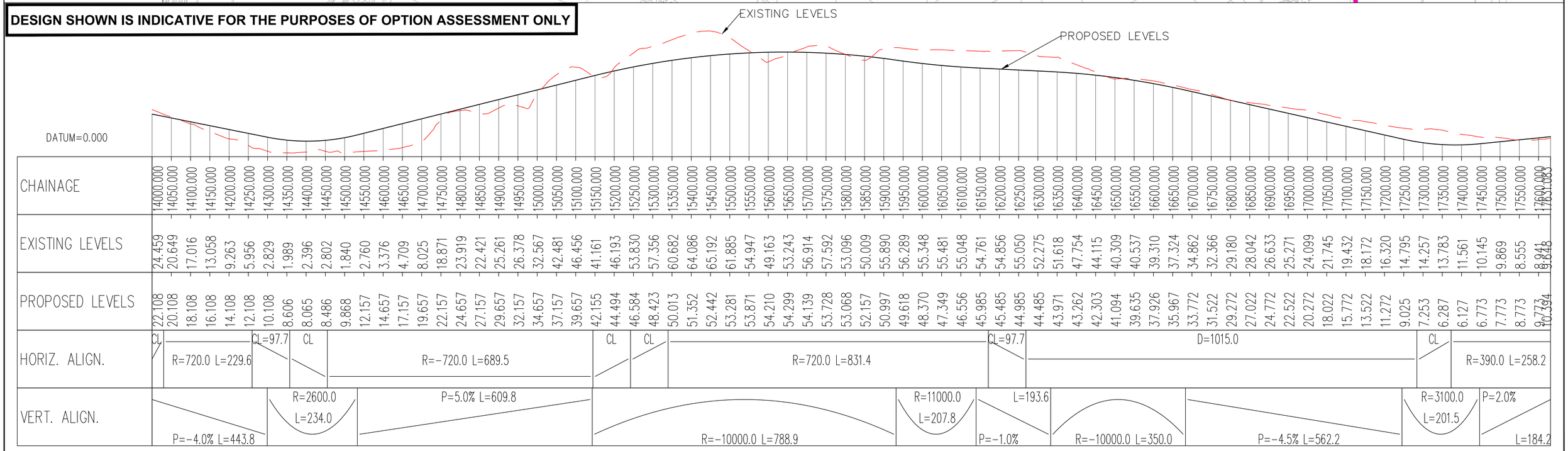
Designed: EC	File Name: TT_Y16112-BT-RS-HML-3D-DR-CH-00101 TO 00105 3D PLAN AND PROFILES
Drawn: LRB	
Approved: ED	Scale at A1: 1:5000
Checked: EC	Date: OCTOBER 2019

Drawing No. Y16112-3D-0100-0104
Rev: P01

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3D-DR-CH-00101 to 00105 3D Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
14000.000	24.459	22.108
14050.000	20.649	20.108
14100.000	17.016	18.108
14150.000	13.058	16.108
14200.000	9.263	14.108
14250.000	5.956	12.108
14300.000	2.829	10.108
14350.000	1.989	8.606
14400.000	2.396	8.065
14450.000	2.802	8.486
14500.000	1.840	9.868
14550.000	2.760	12.157
14600.000	3.376	14.657
14650.000	4.709	17.157
14700.000	8.025	19.657
14750.000	18.871	22.157
14800.000	23.919	24.657
14850.000	22.421	27.157
14900.000	25.261	29.657
14950.000	26.378	32.157
15000.000	32.567	34.657
15050.000	42.481	37.157
15100.000	46.456	39.657
15150.000	41.161	42.155
15200.000	46.193	44.494
15250.000	53.830	46.584
15300.000	57.356	48.423
15350.000	60.682	50.013
15400.000	64.086	51.352
15450.000	65.192	52.442
15500.000	61.885	53.281
15550.000	54.947	53.871
15600.000	49.163	54.210
15650.000	53.243	54.299
15700.000	56.914	54.139
15750.000	57.592	53.728
15800.000	53.096	53.068
15850.000	50.009	52.157
15900.000	55.890	50.997
15950.000	56.289	49.618
16000.000	55.348	48.370
16050.000	55.481	47.349
16100.000	55.048	46.556
16150.000	54.761	45.985
16200.000	54.856	45.485
16250.000	55.050	44.985
16300.000	52.275	44.485
16350.000	51.618	43.971
16400.000	47.754	43.262
16450.000	44.115	42.303
16500.000	40.309	41.094
16550.000	40.537	39.635
16600.000	39.310	37.926
16650.000	37.324	35.967
16700.000	34.862	33.772
16750.000	32.366	31.522
16800.000	29.180	29.272
16850.000	28.042	27.022
16900.000	26.633	24.772
16950.000	25.271	22.522
17000.000	24.099	20.272
17050.000	21.745	18.022
17100.000	19.432	15.772
17150.000	18.172	13.522
17200.000	16.320	11.272
17250.000	14.795	9.025
17300.000	14.257	7.253
17350.000	13.783	6.287
17400.000	11.561	6.127
17450.000	10.145	6.773
17500.000	9.869	7.773
17550.000	8.555	8.773
17600.000	8.941	9.773
17631.083	8.848	10.394

CHAINAGE: 14+000 - 17+631

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Lyrr 2, IDA Business & Technology Park, Mervue, Galway
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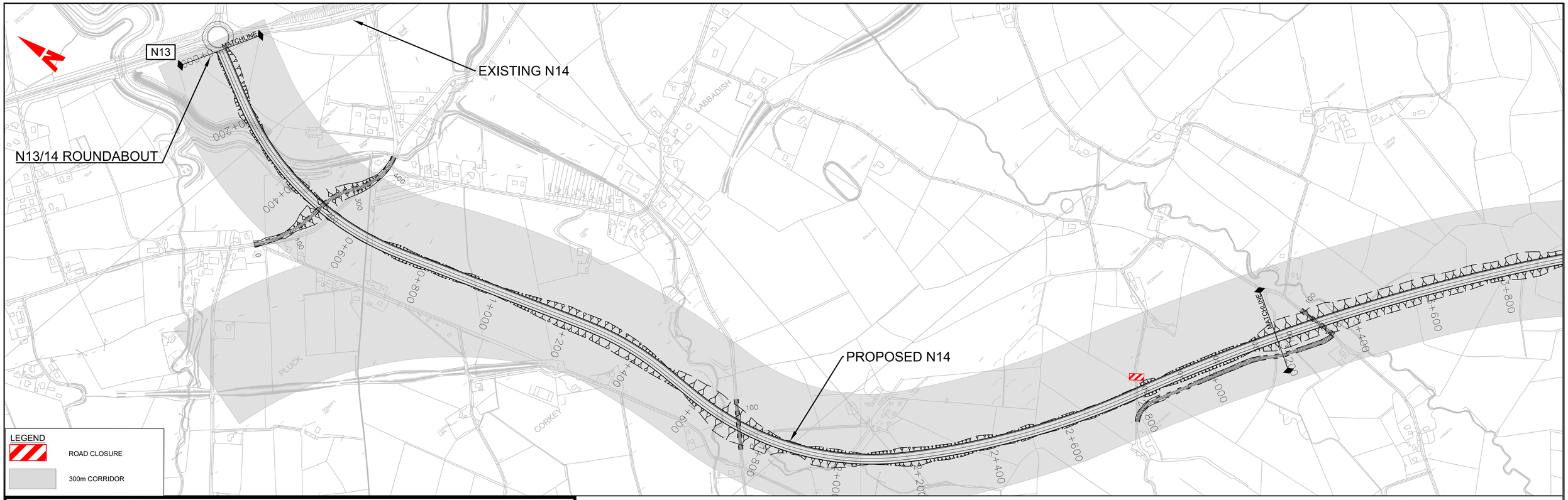
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

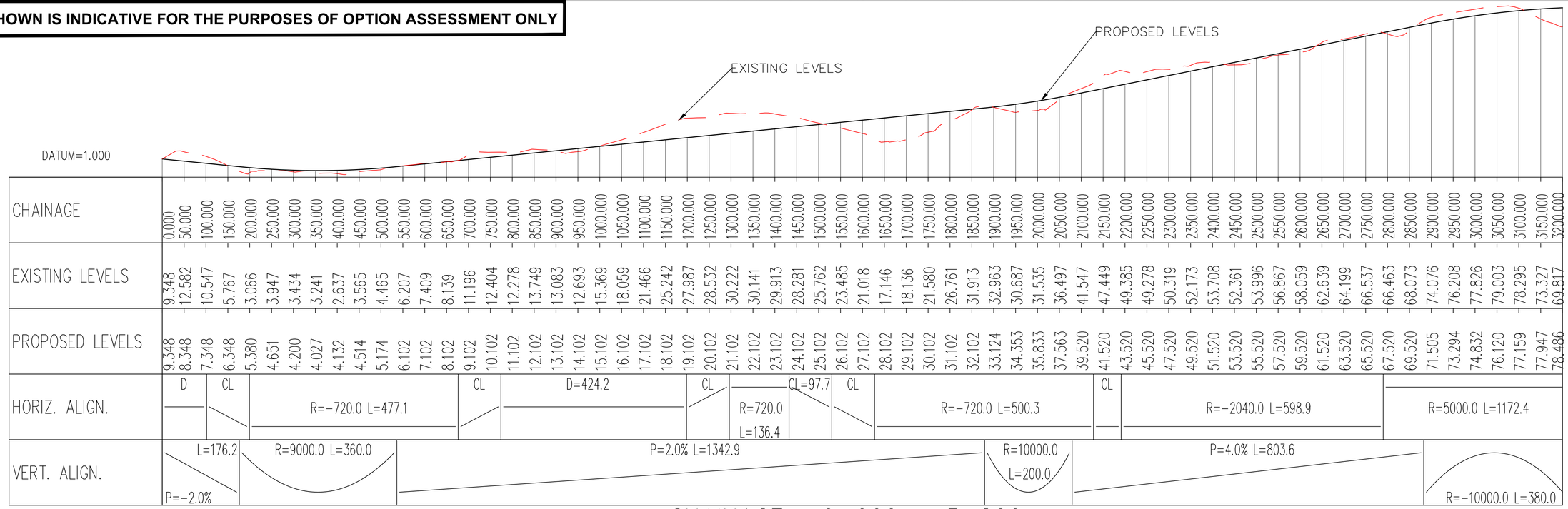
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3D PLAN & PROFILE FIGURE 3D SHEET 5 0F 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-RS-HML-3D-DR-CH-00101 TO 00105 3D PLAN AND PROFILES	Y16112-3D-0100-0105	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3D-DR-CH-00101 to 00105 3D Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.348	9.348
50.000	12.582	8.348
100.000	10.547	7.348
150.000	5.767	6.348
200.000	3.066	5.380
250.000	3.947	4.651
300.000	3.434	4.200
350.000	3.241	4.027
400.000	2.637	4.132
450.000	3.565	4.514
500.000	4.465	5.174
550.000	6.207	6.102
600.000	7.409	7.102
650.000	8.139	8.102
700.000	11.196	9.102
750.000	12.404	10.102
800.000	12.278	11.102
850.000	13.749	12.102
900.000	13.083	13.102
950.000	12.693	14.102
1000.000	15.369	15.102
1050.000	18.059	16.102
1100.000	21.466	17.102
1150.000	25.242	18.102
1200.000	27.987	19.102
1250.000	28.532	20.102
1300.000	30.222	21.102
1350.000	30.141	22.102
1400.000	29.913	23.102
1450.000	28.281	24.102
1500.000	25.762	25.102
1550.000	23.485	26.102
1600.000	21.018	27.102
1650.000	17.146	28.102
1700.000	18.136	29.102
1750.000	21.580	30.102
1800.000	26.761	31.102
1850.000	31.913	32.102
1900.000	32.963	33.124
1950.000	30.687	34.353
2000.000	31.535	35.833
2050.000	36.497	37.563
2100.000	41.547	39.520
2150.000	47.449	41.520
2200.000	49.385	43.520
2250.000	49.278	45.520
2300.000	50.319	47.520
2350.000	52.173	49.520
2400.000	53.708	51.520
2450.000	52.361	53.520
2500.000	53.996	55.520
2550.000	56.867	57.520
2600.000	58.059	59.520
2650.000	62.639	61.520
2700.000	64.199	63.520
2750.000	66.537	65.520
2800.000	66.463	67.520
2850.000	68.073	69.520
2900.000	74.076	71.505
2950.000	76.208	73.294
3000.000	77.826	74.832
3050.000	79.003	76.120
3100.000	78.295	77.159
3150.000	73.327	77.947
3200.000	69.817	78.486

HORIZ. ALIGN.	
D	
CL	
R=-720.0 L=477.1	
CL	
D=424.2	
CL	
R=720.0 L=136.4	
CL=97.7	
CL	
R=-720.0 L=500.3	
CL	
R=-2040.0 L=598.9	
R=5000.0 L=1172.4	

VERT. ALIGN.	
L=176.2 P=-2.0%	
R=9000.0 L=360.0	
P=2.0% L=1342.9	
R=10000.0 L=200.0	
P=4.0% L=803.6	
R=-10000.0 L=380.0	

CHAINAGEs: 0+000 - 3+200

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
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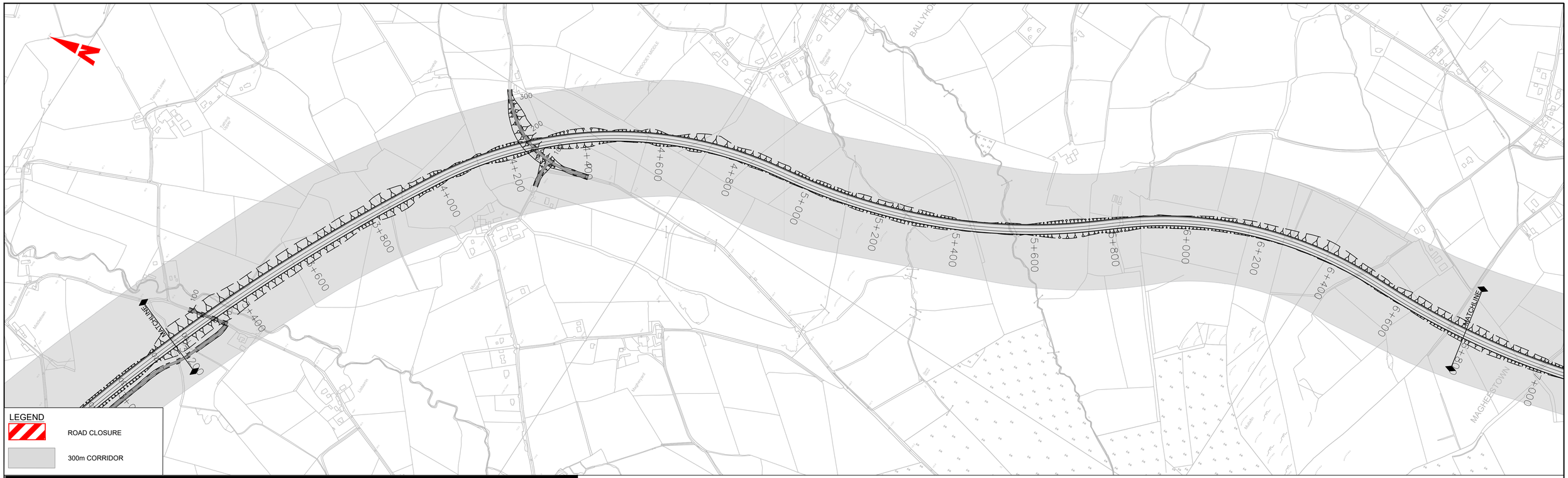
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

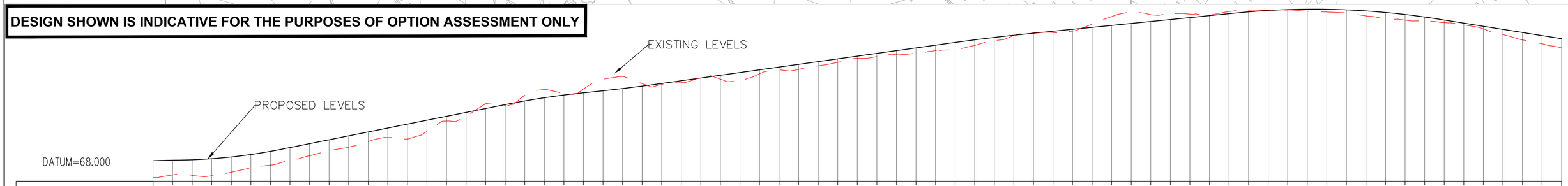
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3E PLAN & PROFILE FIGURE 3E SHEET 1 0F 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-RS-HML-3E-DR-CH-00101 TO 00105 3E PLAN AND PROFILES	Y16112-3E-0100-101	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3E-DR-CH-00101 to 00105 3E Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3200.000	69.817	78.486
3250.000	71.224	78.774
3300.000	71.012	78.981
3350.000	70.775	79.526
3400.000	72.608	80.428
3450.000	74.872	81.688
3500.000	76.227	83.304
3550.000	78.629	85.245
3600.000	81.036	87.245
3650.000	83.671	89.245
3700.000	85.464	91.245
3750.000	88.287	93.245
3800.000	90.374	95.245
3850.000	89.617	97.245
3900.000	93.506	99.245
3950.000	98.831	101.245
4000.000	101.217	103.245
4050.000	107.695	105.245
4100.000	106.758	107.245
4150.000	111.931	109.132
4200.000	115.001	110.769
4250.000	112.679	112.156
4300.000	115.217	113.293
4350.000	120.198	114.338
4400.000	121.615	115.483
4450.000	118.025	116.727
4500.000	117.567	118.072
4550.000	118.727	119.474
4600.000	121.149	120.877
4650.000	120.302	122.279
4700.000	119.255	123.682
4750.000	123.009	125.085
4800.000	125.165	126.487
4850.000	125.330	127.890
4900.000	127.129	129.293
4950.000	128.946	130.695
5000.000	130.911	132.098
5050.000	131.837	133.501
5100.000	132.825	134.903
5150.000	133.630	136.306
5200.000	135.001	137.709
5250.000	135.394	139.106
5300.000	137.611	140.429
5350.000	140.052	141.656
5400.000	142.610	142.786
5450.000	144.110	143.822
5500.000	144.181	144.822
5550.000	144.908	145.822
5600.000	148.515	146.822
5650.000	152.326	147.822
5700.000	154.588	148.822
5750.000	153.289	149.822
5800.000	153.814	150.822
5850.000	153.575	151.822
5900.000	153.246	152.822
5950.000	154.911	153.822
6000.000	155.640	154.764
6050.000	155.614	155.469
6100.000	155.663	155.924
6150.000	155.114	156.129
6200.000	154.695	156.084
6250.000	154.061	155.789
6300.000	152.625	155.244
6350.000	151.374	154.449
6400.000	150.512	153.404
6450.000	149.800	152.109
6500.000	149.241	150.575
6550.000	148.015	148.980
6600.000	146.045	147.385
6650.000	143.146	145.790
6700.000	140.387	144.195
6750.000	138.419	142.600
6800.000	136.296	141.005

HORIZ. ALIGN.: R=5000.0 L=1172.4 | CL | R=1020.0 L=848.8 | CL | CL | R=-1500.0 L=753.1 | CL | CL | R=1020.0 L=625.8 | CL | R=-2040.0 L=2031.2

VERT. ALIGN.: R | R=7000.0 L=266.0 | P=4.0% L=573.7 | R=-10000.0 L=200.1 | R=25000.0 L=201.5 | P=2.8% L=729.5 | R=-26000.0 L=209.4 | P=2.0% L=523.0 | R=-10000.0 L=519.0 | P=-3.2% L=383.2

CHAINAGES: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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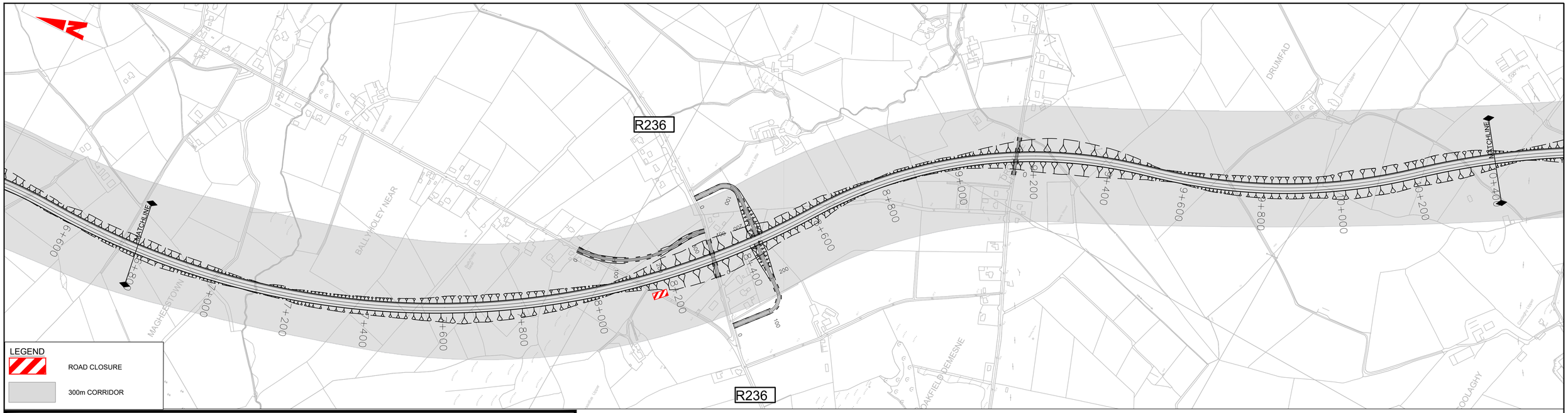
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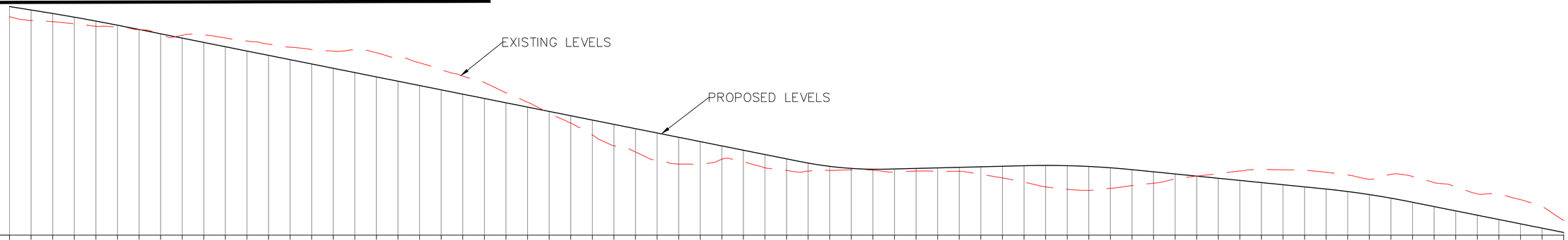
Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3E PLAN & PROFILE FIGURE 3E SHEET 2 0F 5
Designed: EC
Drawn: LRB
Approved: ED
Checked: EC
File Name: TT_Y16112-BT-RS-HML-3E-DR-CH-00101 TO 00105 3E PLAN AND PROFILES
Scale at A1: 1:5000
Date: OCTOBER 2019
Drawing No.: Y16112-3E-0100-102
Rev: P01

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3E-DR-CH-00101 to 00105 3E Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	136.296	141.005
6850.000	134.536	139.410
6900.000	133.977	137.794
6950.000	133.002	136.086
7000.000	131.855	134.277
7050.000	131.488	132.368
7100.000	130.295	130.377
7150.000	128.346	128.377
7200.000	127.655	126.377
7250.000	127.866	124.377
7300.000	126.433	122.377
7350.000	125.006	120.377
7400.000	123.552	118.377
7450.000	122.169	116.377
7500.000	121.035	114.377
7550.000	120.334	112.377
7600.000	120.983	110.377
7650.000	119.578	108.377
7700.000	117.842	106.377
7750.000	114.899	104.377
7800.000	111.689	102.377
7850.000	108.787	100.377
7900.000	105.776	98.377
7950.000	101.045	96.377
8000.000	96.635	94.377
8050.000	91.557	92.377
8100.000	86.907	90.377
8150.000	81.476	88.377
8200.000	76.430	86.377
8250.000	73.570	84.377
8300.000	69.759	82.377
8350.000	67.929	80.377
8400.000	67.924	78.377
8450.000	70.168	76.377
8500.000	68.973	74.377
8550.000	66.223	72.377
8600.000	65.012	70.377
8650.000	64.685	68.413
8700.000	64.980	66.897
8750.000	65.278	65.944
8800.000	65.099	65.553
8850.000	64.336	65.689
8900.000	64.708	65.939
8950.000	64.619	66.189
9000.000	64.610	66.439
9050.000	63.127	66.689
9100.000	61.532	66.939
9150.000	59.599	67.189
9200.000	57.398	67.324
9250.000	56.236	67.210
9300.000	55.749	66.846
9350.000	56.704	66.233
9400.000	57.966	65.369
9450.000	59.073	64.369
9500.000	61.007	63.369
9550.000	62.393	62.369
9600.000	63.473	61.369
9650.000	64.751	60.369
9700.000	65.390	59.369
9750.000	65.294	58.369
9800.000	65.151	57.369
9850.000	64.135	56.367
9900.000	62.881	55.209
9950.000	60.899	53.802
10000.000	63.152	52.145
10050.000	62.184	50.240
10100.000	59.378	48.240
10150.000	57.416	46.240
10200.000	54.171	44.240
10250.000	53.897	42.240
10300.000	51.469	40.240
10350.000	48.139	38.240
10400.000	41.791	36.240

HORIZ. ALIGN.	VERT. ALIGN.
R=-2040.0 L=2031.2	P
	R=-25000.0 L=202.5
	P=-4.0% L=1561.3
CL	
R=1200.0 L=806.3	R=4444.4 L=200.0
	P=0.5% L=320.3
CL	
CL	R=-10000.0 L=250.0
R=-1440.0 L=612.3	P=-2.0% L=441.3
	R=-10000.0 L=200.0
CL	
R=2040.0 L=398.4	P=-4.0% L=963.6

CHAINAGES: 6+800 - 10+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Comhairle Contae Dhún na nGall
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RPS
Lyrr 2, IDA Business & Technology Park, Merrue, Galway
T +353 91 400200
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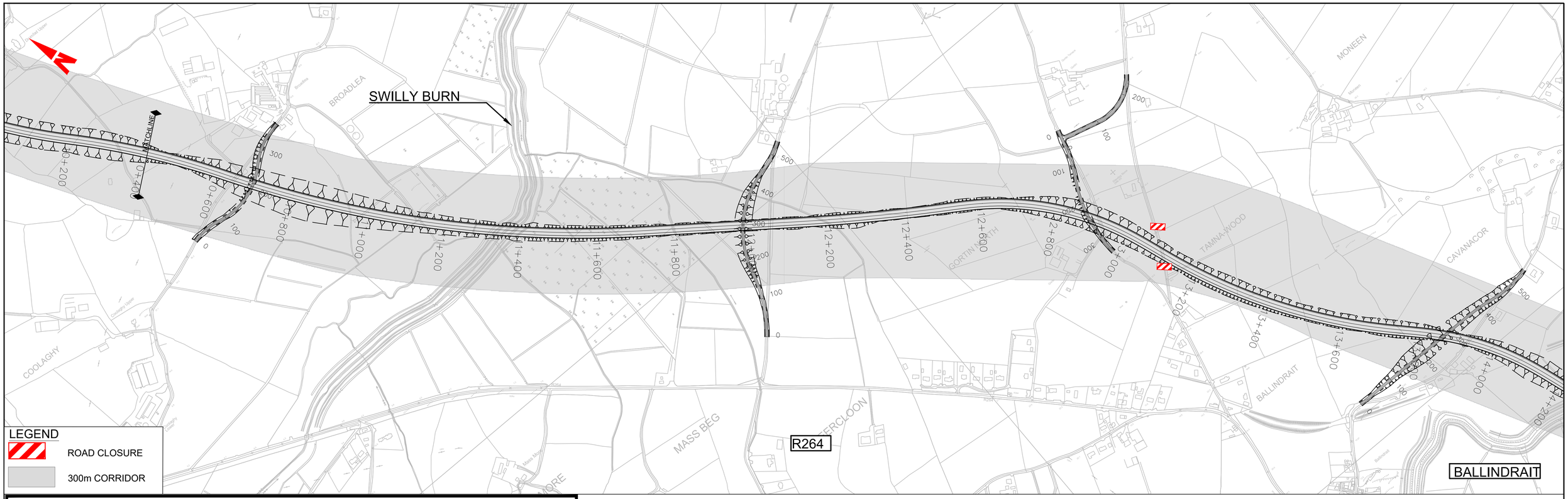
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

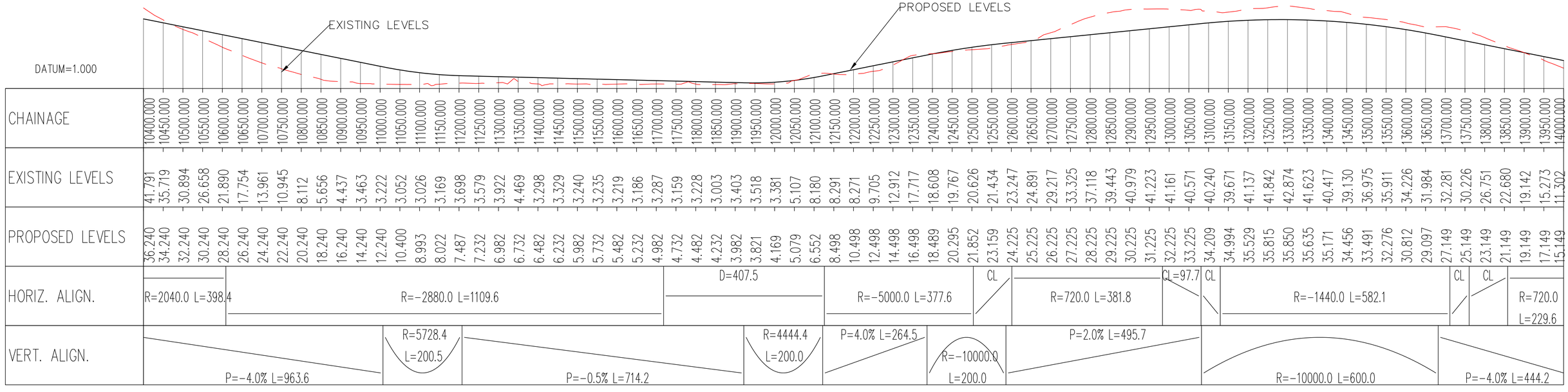
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3E PLAN & PROFILE
FIGURE 3E SHEET 3 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3E-DR-CH-00101 TO 00105 3E PLAN AND PROFILES	Drawing No. Y16112-3E-0100-103	Rev: P01
Drawn: LRB	Scale at A1: 1:5000		
Approved: ED	Date: OCTOBER 2019		
Checked: EC			

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3E-DR-CH-00101 to 00105 3E Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	41.791	36.240
10450.000	35.719	34.240
10500.000	30.894	32.240
10550.000	26.658	30.240
10600.000	21.890	28.240
10650.000	17.754	26.240
10700.000	13.961	24.240
10750.000	10.945	22.240
10800.000	8.112	20.240
10850.000	5.656	18.240
10900.000	4.437	16.240
10950.000	3.463	14.240
11000.000	3.222	12.240
11050.000	3.052	10.400
11100.000	3.026	8.993
11150.000	3.169	8.022
11200.000	3.698	7.487
11250.000	3.579	7.232
11300.000	3.922	6.982
11350.000	4.469	6.732
11400.000	3.298	6.482
11450.000	3.329	6.232
11500.000	3.240	5.982
11550.000	3.235	5.732
11600.000	3.219	5.482
11650.000	3.186	5.232
11700.000	3.287	4.982
11750.000	3.159	4.732
11800.000	3.228	4.482
11850.000	3.003	4.232
11900.000	3.403	3.982
11950.000	3.518	3.821
12000.000	3.381	4.169
12050.000	5.107	5.079
12100.000	8.180	6.552
12150.000	8.291	8.498
12200.000	8.271	10.498
12250.000	9.705	12.498
12300.000	12.912	14.498
12350.000	17.717	16.498
12400.000	18.608	18.489
12450.000	19.767	20.295
12500.000	20.626	21.852
12550.000	21.434	23.159
12600.000	23.247	24.225
12650.000	24.891	25.225
12700.000	29.217	26.225
12750.000	33.325	27.225
12800.000	37.118	28.225
12850.000	39.443	29.225
12900.000	40.979	30.225
12950.000	41.223	31.225
13000.000	41.161	32.225
13050.000	40.571	33.225
13100.000	40.240	34.209
13150.000	39.671	34.994
13200.000	41.137	35.529
13250.000	41.842	35.815
13300.000	42.874	35.850
13350.000	41.623	35.635
13400.000	40.417	35.171
13450.000	39.130	34.456
13500.000	36.975	33.491
13550.000	35.911	32.276
13600.000	34.226	30.812
13650.000	31.984	29.097
13700.000	32.281	27.149
13750.000	30.226	25.149
13800.000	26.751	23.149
13850.000	22.680	21.149
13900.000	19.142	19.149
13950.000	15.273	17.149
14000.000	11.302	15.149

HORIZ. ALIGN.	VERT. ALIGN.
R=2040.0 L=398.4	P=-4.0% L=963.6
R=-2880.0 L=1109.6	R=5728.4 L=200.5
D=407.5	P=-0.5% L=714.2
R=-5000.0 L=377.6	R=4444.4 L=200.0
CL	P=4.0% L=264.5
R=720.0 L=381.8	R=-10000.0 L=200.0
CL=97.7	P=2.0% L=495.7
CL	R=-1440.0 L=582.1
CL	CL
R=720.0 L=229.6	P=-4.0% L=444.2

CHAINAGES: 10+400 - 14+000

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

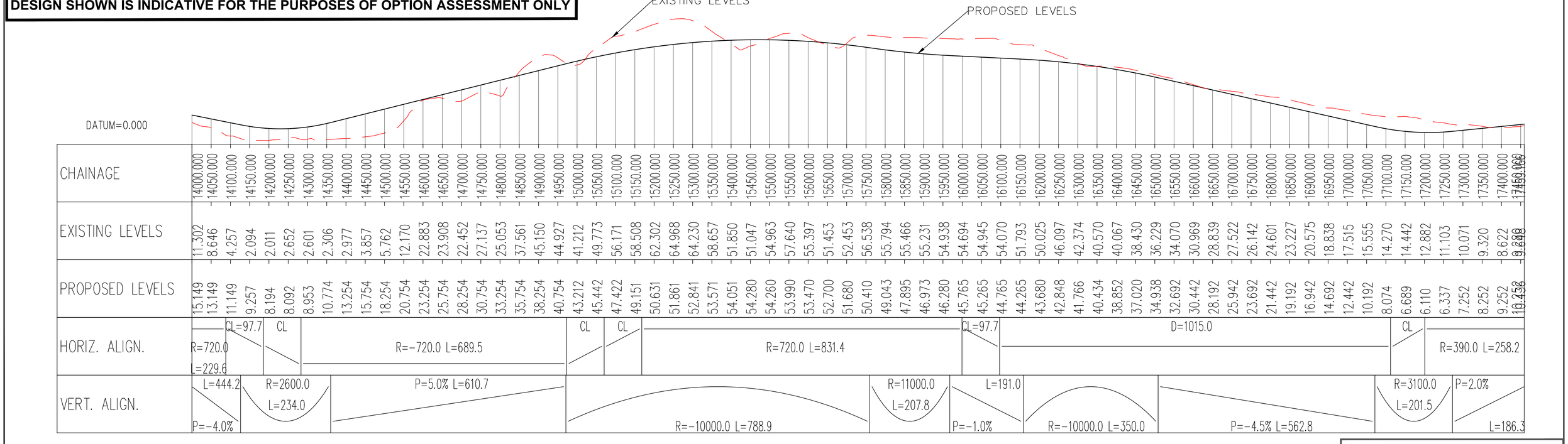
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3E PLAN & PROFILE FIGURE 3E SHEET 4 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3E-DR-CH-00101 TO 00105 3E PLAN AND PROFILES	Drawing No. Y16112-3E-0100-104	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
14000.000	11.302	15.149
14050.000	8.646	13.149
14100.000	4.257	11.149
14150.000	2.094	9.257
14200.000	2.011	8.194
14250.000	2.652	8.092
14300.000	2.601	8.953
14350.000	2.306	10.774
14400.000	2.977	13.254
14450.000	3.857	15.754
14500.000	5.762	18.254
14550.000	12.170	20.754
14600.000	22.883	23.254
14650.000	23.908	25.754
14700.000	22.452	28.254
14750.000	27.137	30.754
14800.000	25.053	33.254
14850.000	37.561	35.754
14900.000	45.150	38.254
14950.000	44.927	40.754
15000.000	41.212	43.212
15050.000	49.773	45.442
15100.000	56.171	47.422
15150.000	58.508	49.151
15200.000	62.302	50.631
15250.000	64.968	51.861
15300.000	64.230	52.841
15350.000	58.657	53.571
15400.000	51.850	54.051
15450.000	51.047	54.280
15500.000	54.963	54.260
15550.000	57.640	53.990
15600.000	55.397	53.470
15650.000	51.453	52.700
15700.000	52.453	51.680
15750.000	56.538	50.410
15800.000	55.794	49.043
15850.000	55.466	47.895
15900.000	55.231	46.973
15950.000	54.938	46.280
16000.000	54.694	45.765
16050.000	54.945	45.265
16100.000	54.070	44.765
16150.000	51.793	44.265
16200.000	50.025	43.680
16250.000	46.097	42.848
16300.000	42.374	41.766
16350.000	40.570	40.434
16400.000	40.067	38.852
16450.000	38.430	37.020
16500.000	36.229	34.938
16550.000	34.070	32.692
16600.000	30.969	30.442
16650.000	28.839	28.192
16700.000	27.522	25.942
16750.000	26.142	23.692
16800.000	24.601	21.442
16850.000	23.227	19.192
16900.000	20.575	16.942
16950.000	18.838	14.692
17000.000	17.515	12.442
17050.000	15.555	10.192
17100.000	14.270	8.074
17150.000	14.442	6.689
17200.000	12.882	6.110
17250.000	11.103	6.337
17300.000	10.071	7.252
17350.000	9.320	8.252
17400.000	8.622	9.252
17450.000	9.228	10.436
17459.166	9.648	10.436

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CHAINAGES: 14+000 – 17+459

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
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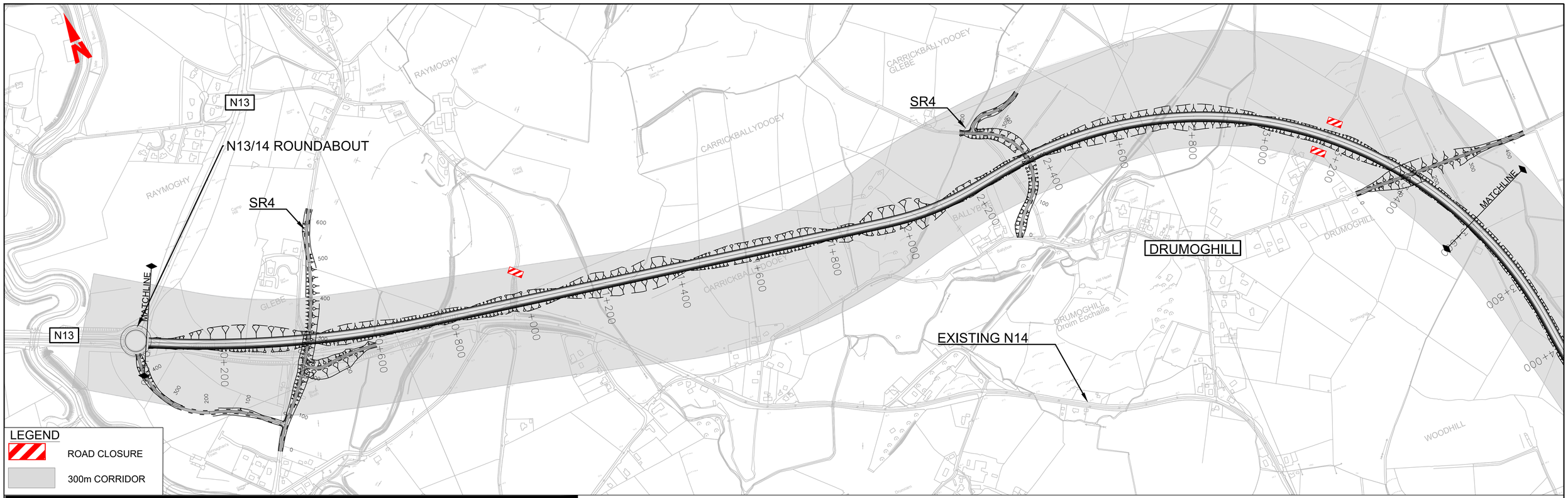
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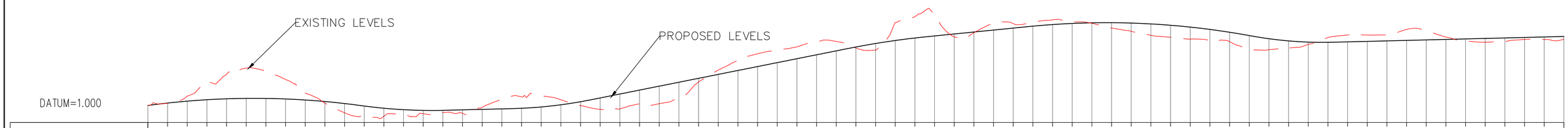
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3E PLAN & PROFILE FIGURE 3E SHEET 5 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3E-DR-CH-00101 TO 00105 3E PLAN AND PROFILES	Drawing No. Y16112-3E-0100-105	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3E-DR-CH-00101 to 00105 3E Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.919
100.000	14.437	11.892
150.000	21.754	12.616
200.000	25.609	13.089
250.000	28.733	13.313
300.000	27.314	13.286
350.000	22.960	13.010
400.000	16.015	12.483
450.000	10.882	11.707
500.000	5.957	10.680
550.000	4.504	9.409
600.000	4.192	8.282
650.000	4.890	7.539
700.000	5.480	7.180
750.000	6.078	7.207
800.000	5.657	7.455
850.000	8.795	7.705
900.000	12.825	7.955
950.000	14.111	8.255
1000.000	14.663	8.931
1050.000	12.599	10.044
1100.000	9.666	11.595
1150.000	7.716	13.535
1200.000	7.974	15.535
1250.000	10.541	17.535
1300.000	10.602	19.535
1350.000	13.697	21.535
1400.000	21.645	23.535
1450.000	27.756	25.535
1500.000	32.613	27.535
1550.000	36.051	29.535
1600.000	37.790	31.535
1650.000	39.586	33.535
1700.000	42.085	35.535
1750.000	42.335	37.535
1800.000	38.987	39.516
1850.000	37.920	41.294
1900.000	51.885	42.823
1950.000	55.020	44.101
2000.000	56.109	45.148
2050.000	44.693	46.148
2100.000	46.772	47.148
2150.000	51.404	48.148
2200.000	51.434	49.148
2250.000	52.174	50.141
2300.000	53.358	50.956
2350.000	52.269	51.520
2400.000	51.601	51.834
2450.000	49.198	51.899
2500.000	47.527	51.713
2550.000	45.457	51.278
2600.000	44.471	50.592
2650.000	43.555	49.656
2700.000	42.881	48.471
2750.000	42.238	47.035
2800.000	38.374	45.350
2850.000	38.135	43.736
2900.000	38.953	42.620
2950.000	40.884	42.005
3000.000	44.310	41.889
3050.000	45.632	42.126
3100.000	45.597	42.376
3150.000	45.739	42.626
3200.000	48.459	42.876
3250.000	47.726	43.126
3300.000	44.602	43.376
3350.000	42.592	43.626
3400.000	41.909	43.876
3450.000	42.350	44.126
3500.000	43.364	44.376
3550.000	43.338	44.626
3600.000	43.448	44.876

HORIZ. ALIGN.: R=-2880.0 L=754.1 | D=1150.1 | CL | R=-720.0 L=138.3 | CL | CL | R=1020.0 L=1577.0

VERT. ALIGN.: R=-10000.0 L=543.6 | R=6500.0 L=210.5 | P=0.5% L=172.2 | R=5714.3 L=200.0 | P=4.0% L=654.4 | R=-10000.0 L=200.0 | P=2.0% L=257.2 | R=-10000.0 L=565.8 | R=5000.3 L=207.9 | P=0.5% L=862.2

CHAINAGES : 0+000 – 3+600

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Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

Notes:
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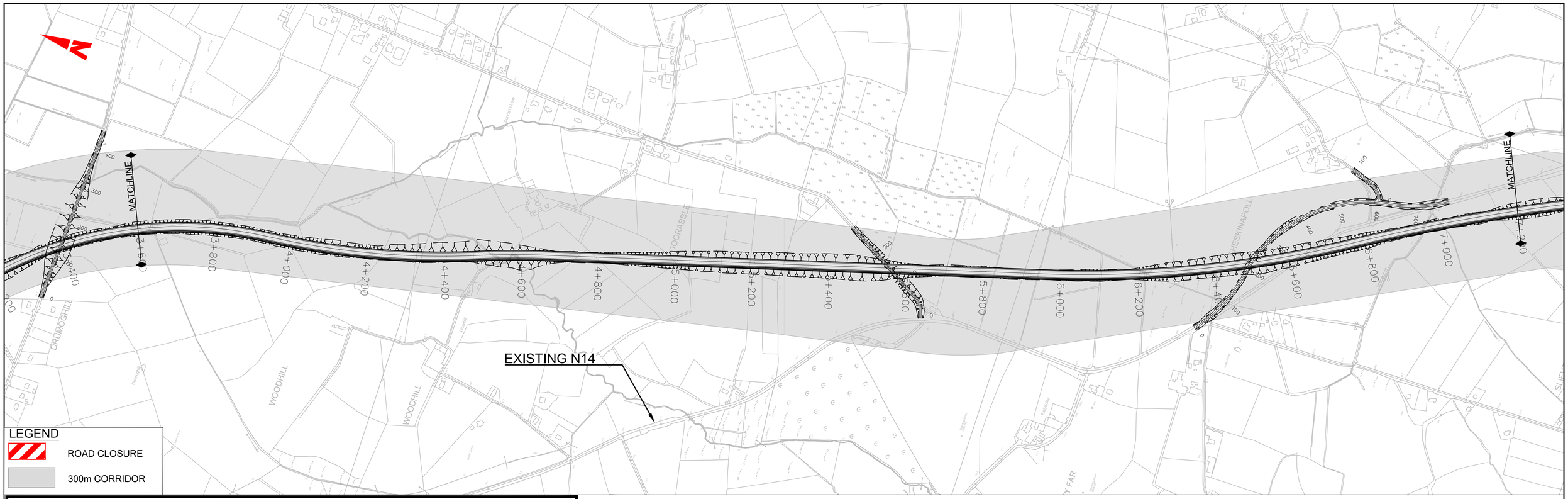
The A5 Link and A5 Western Transport Corridor are not currently part of this project and are being progressed separately.

Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

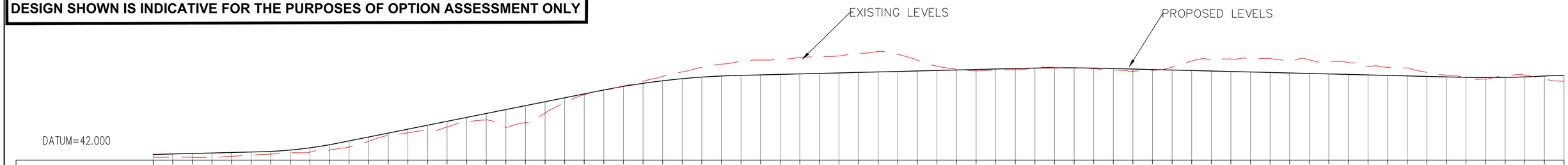
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3F PLAN & PROFILE FIGURE 3F SHEET 1 0F 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-RS-HML-3F-DR-CH-00101 TO 00105 3F PLAN AND PROFILES	Y16112-3F-0100-0101	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3F-DR-CH-00101 to 00105 3F Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
3600.000	43.448	44.876		
3650.000	43.428	45.126	R=1020.0 L=1577.0	P=0.5% L=862.2
3700.000	43.433	45.376		
3750.000	43.291	45.626		
3800.000	43.955	45.876		
3850.000	44.538	46.126		
3900.000	45.040	46.436	CL	R=5714.2 L=200.0
3950.000	45.650	47.134		
4000.000	46.052	48.270		
4050.000	47.113	49.844		
4100.000	48.669	51.794	R=-2040.0 L=529.3	P=4.0% L=663.9
4150.000	51.621	53.794		
4200.000	54.769	55.794		
4250.000	55.917	57.794		
4300.000	57.365	59.794		
4350.000	58.902	61.794		
4400.000	61.294	63.794		
4450.000	62.504	65.794		
4500.000	58.700	67.794	R=2040.0 L=169.4	
4550.000	61.054	69.794		
4600.000	66.012	71.794		R=-10000.0 L=350.0
4650.000	71.418	73.794		
4700.000	75.381	75.794		
4750.000	77.587	77.787	D=1293.5	P=0.5% L=735.0
4800.000	79.818	79.600		
4850.000	82.236	81.164		
4900.000	84.707	82.477		
4950.000	87.012	83.540		
5000.000	89.301	84.354		
5050.000	90.961	84.917		
5100.000	92.511	85.238		
5150.000	93.049	85.488		
5200.000	93.306	85.738		
5250.000	94.332	85.988		
5300.000	94.751	86.238		
5350.000	95.152	86.488		
5400.000	96.439	86.738		
5450.000	97.459	86.988		
5500.000	95.940	87.238		
5550.000	92.969	87.488		
5600.000	89.926	87.738		
5650.000	88.391	87.988		
5700.000	87.550	88.238	R=-3000.0 L=819.1	
5750.000	87.977	88.488		
5800.000	88.160	88.738		
5850.000	89.126	88.970		
5900.000	89.253	89.089		
5950.000	88.998	89.084		
6000.000	88.624	88.953		
6050.000	88.012	88.716		
6100.000	87.292	88.466		
6150.000	87.855	88.216		
6200.000	89.418	87.966		
6250.000	92.521	87.716		
6300.000	93.939	87.466		
6350.000	93.617	87.216		
6400.000	93.837	86.966		
6450.000	93.774	86.716		
6500.000	92.907	86.466		
6550.000	93.162	86.216		
6600.000	92.398	85.966		
6650.000	91.828	85.716		
6700.000	89.883	85.466		
6750.000	89.286	85.216		
6800.000	89.004	84.966		
6850.000	86.757	84.716		
6900.000	85.383	84.466	R=5000.0 L=677.6	R=13500.0 L=204.5
6950.000	83.664	84.223		
7000.000	83.345	84.119		
7050.000	85.071	84.200		
7100.000	85.355	84.466		
7150.000	83.371	84.908		R
7200.000	82.231	85.242		P=-0.5% L=913.0

CHAINAGES: 3+600 – 7+200

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
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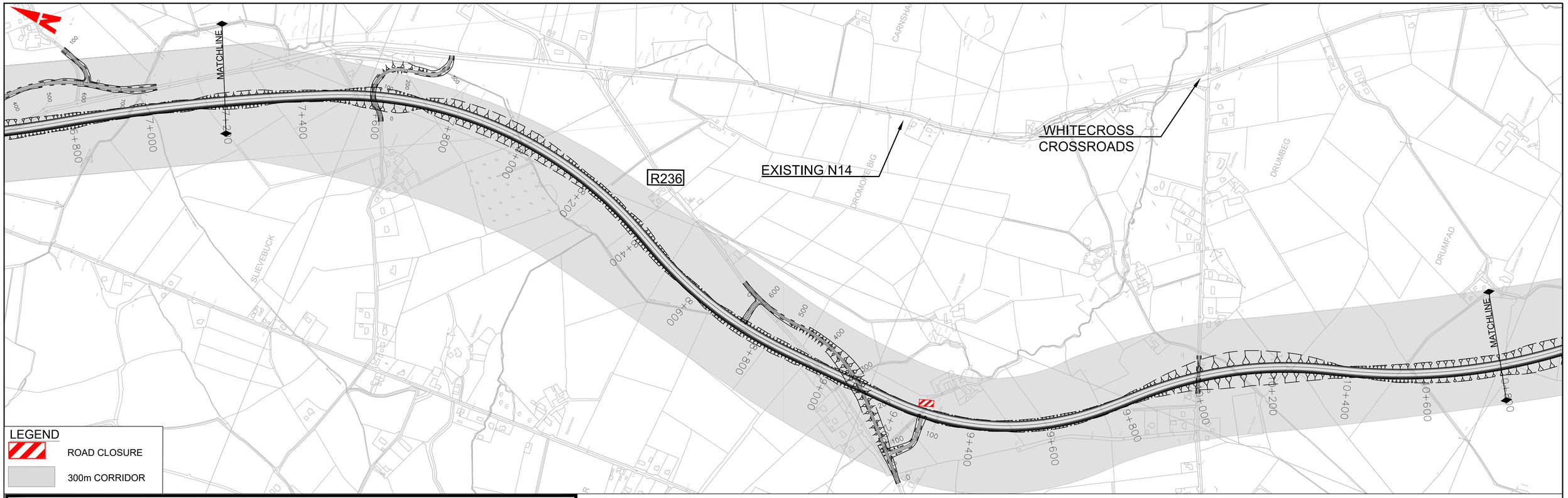
The A5 Link and A5 Western Transport Corridor are not currently part of this project and are being progressed separately.

Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

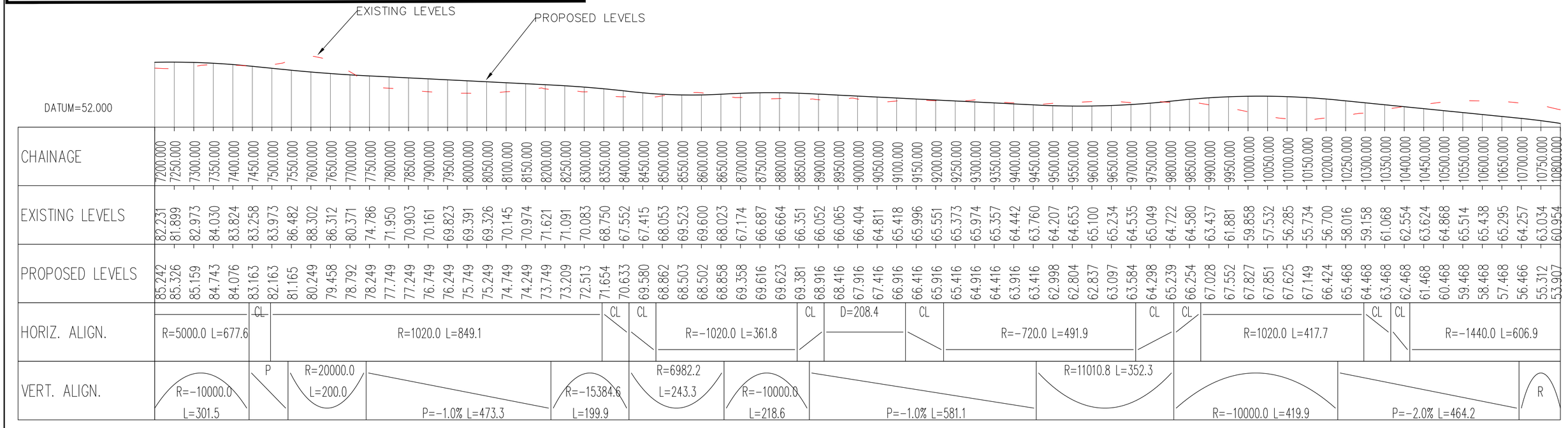
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3F PLAN & PROFILE FIGURE 3F SHEET 2 0F 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-RS-HML-3F-DR-CH-00101 TO 00105 3F PLAN AND PROFILES	Y16112-3F-0100-0102	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3F-DR-CH-00101 to 00105 3F Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
7200.000	82.231	85.242
7250.000	81.899	85.326
7300.000	82.973	85.159
7350.000	84.030	84.743
7400.000	83.824	84.076
7450.000	83.258	83.163
7500.000	83.973	82.163
7550.000	86.482	81.165
7600.000	88.302	80.249
7650.000	86.312	79.458
7700.000	80.371	78.792
7750.000	74.786	78.249
7800.000	71.950	77.749
7850.000	70.903	77.249
7900.000	70.161	76.749
7950.000	69.823	76.249
8000.000	69.391	75.749
8050.000	69.326	75.249
8100.000	70.145	74.749
8150.000	70.974	74.249
8200.000	71.621	73.749
8250.000	71.091	73.209
8300.000	70.083	72.513
8350.000	68.750	71.654
8400.000	67.552	70.633
8450.000	67.415	69.580
8500.000	68.053	68.862
8550.000	69.523	68.503
8600.000	69.600	68.502
8650.000	68.023	68.858
8700.000	67.174	69.358
8750.000	66.687	69.616
8800.000	66.664	69.623
8850.000	66.351	69.381
8900.000	66.052	68.916
8950.000	66.065	68.416
9000.000	66.404	67.916
9050.000	64.811	67.416
9100.000	65.418	66.916
9150.000	65.996	66.416
9200.000	65.551	65.916
9250.000	65.373	65.416
9300.000	65.974	64.916
9350.000	65.357	64.416
9400.000	64.442	63.916
9450.000	63.760	63.416
9500.000	64.207	62.998
9550.000	64.653	62.804
9600.000	65.100	62.837
9650.000	65.234	63.097
9700.000	64.535	63.584
9750.000	65.049	64.298
9800.000	64.722	65.239
9850.000	64.580	66.254
9900.000	63.437	67.028
9950.000	61.881	67.552
10000.000	59.858	67.827
10050.000	57.532	67.851
10100.000	56.285	67.625
10150.000	55.734	67.149
10200.000	56.700	66.424
10250.000	58.016	65.468
10300.000	59.158	64.468
10350.000	61.068	63.468
10400.000	62.554	62.468
10450.000	63.624	61.468
10500.000	64.868	60.468
10550.000	65.514	59.468
10600.000	65.438	58.468
10650.000	65.295	57.468
10700.000	64.257	56.466
10750.000	63.034	55.312
10800.000	60.954	53.907

HORIZ. ALIGN.	VERT. ALIGN.
R=5000.0 L=677.6	R=-10000.0 L=301.5
CL	
R=1020.0 L=849.1	P
	R=20000.0 L=200.0
	P=-1.0% L=473.3
CL	R=-15384.6 L=199.9
CL	R=6982.2 L=243.3
R=-1020.0 L=361.8	R=-10000.0 L=218.6
CL	
D=208.4	P=-1.0% L=581.1
CL	
R=-720.0 L=491.9	R=11010.8 L=352.3
CL	
CL	R=-10000.0 L=419.9
R=1020.0 L=417.7	
CL	P=-2.0% L=464.2
CL	R
R=-1440.0 L=606.9	

CHAINAGES: 7+200 -10+800

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RPS
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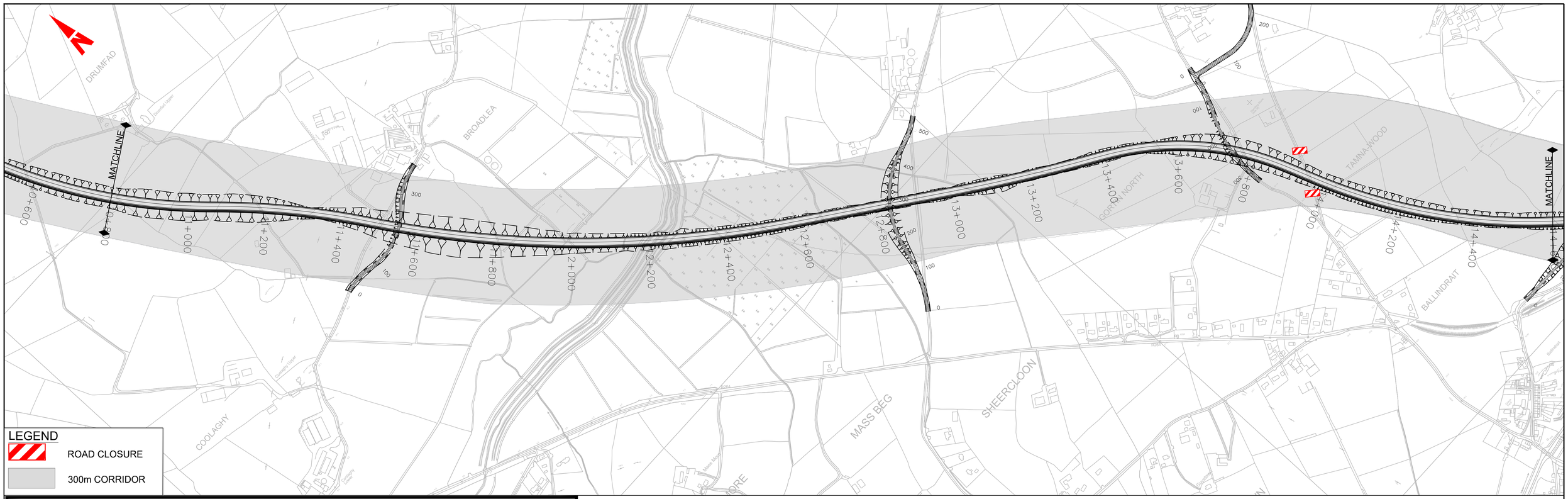
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P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

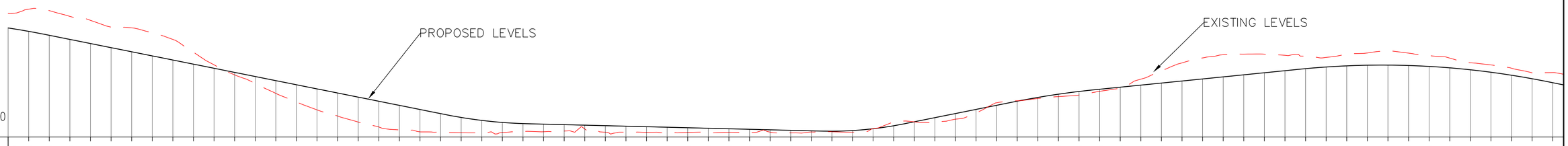
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3F PLAN & PROFILE FIGURE 3F SHEET 3 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3F-DR-CH-00101 TO 00105 3F PLAN AND PROFILES	Drawing No. Y16112-3F-0100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3F-DR-CH-00101 to 00105 3F Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10800.000	60.954	53.907
10850.000	63.016	52.252
10900.000	62.326	50.349
10950.000	59.522	48.349
11000.000	57.600	46.349
11050.000	54.302	44.349
11100.000	53.948	42.349
11150.000	51.602	40.349
11200.000	48.339	38.349
11250.000	42.148	36.349
11300.000	36.016	34.349
11350.000	31.126	32.349
11400.000	26.945	30.349
11450.000	22.157	28.349
11500.000	17.975	26.349
11550.000	14.159	24.349
11600.000	11.166	22.349
11650.000	8.263	20.349
11700.000	5.860	18.349
11750.000	4.462	16.349
11800.000	3.499	14.349
11850.000	3.256	12.349
11900.000	3.056	10.490
11950.000	3.027	9.059
12000.000	3.133	8.063
12050.000	3.674	7.505
12100.000	3.552	7.246
12150.000	3.896	6.996
12200.000	4.879	6.746
12250.000	3.329	6.496
12300.000	3.330	6.246
12350.000	3.229	5.996
12400.000	3.233	5.746
12450.000	3.203	5.496
12500.000	3.228	5.246
12550.000	3.279	4.996
12600.000	3.168	4.746
12650.000	3.354	4.496
12700.000	2.999	4.246
12750.000	3.419	3.996
12800.000	3.565	3.818
12850.000	3.357	4.135
12900.000	5.021	5.015
12950.000	8.094	6.457
13000.000	8.349	8.389
13050.000	8.180	10.389
13100.000	9.643	12.389
13150.000	12.678	14.389
13200.000	17.618	16.389
13250.000	18.588	18.383
13300.000	19.707	20.203
13350.000	20.589	21.774
13400.000	21.350	23.094
13450.000	23.171	24.170
13500.000	24.778	25.170
13550.000	29.058	26.170
13600.000	33.101	27.170
13650.000	36.959	28.170
13700.000	39.361	29.170
13750.000	40.922	30.170
13800.000	41.215	31.170
13850.000	41.196	32.170
13900.000	40.626	33.170
13950.000	40.239	34.161
14000.000	39.610	34.967
14050.000	41.066	35.523
14100.000	41.755	35.829
14150.000	42.884	35.884
14200.000	41.697	35.690
14250.000	40.471	35.246
14300.000	39.284	34.552
14350.000	37.014	33.608
14400.000	35.975	32.414
14450.000	34.381	30.970
14500.000	32.138	29.276
14550.000	32.272	27.341

HORIZ. ALIGN.	VERT. ALIGN.
R=-1440.0 L=606.9	R
CL	P=-4.0% L=965.8
R=2040.0 L=391.6	R=5728.8 L=200.5
R=-2880.0 L=1109.6	P=-0.5% L=714.2
D=407.5	R=4444.4 L=200.0
R=-5000.0 L=377.6	P=4.0% L=264.5
CL	R=-10000.0 L=200.0
R=720.0 L=381.8	P=2.0% L=497.1
CL=97.7	
CL	R=-10000.0 L=600.0
R=-1440.0 L=582.1	

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CHAINAGES: 10+800 - 14+550

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RPS
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T +353 91 400200
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E ireland@rpsgroup.com

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Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

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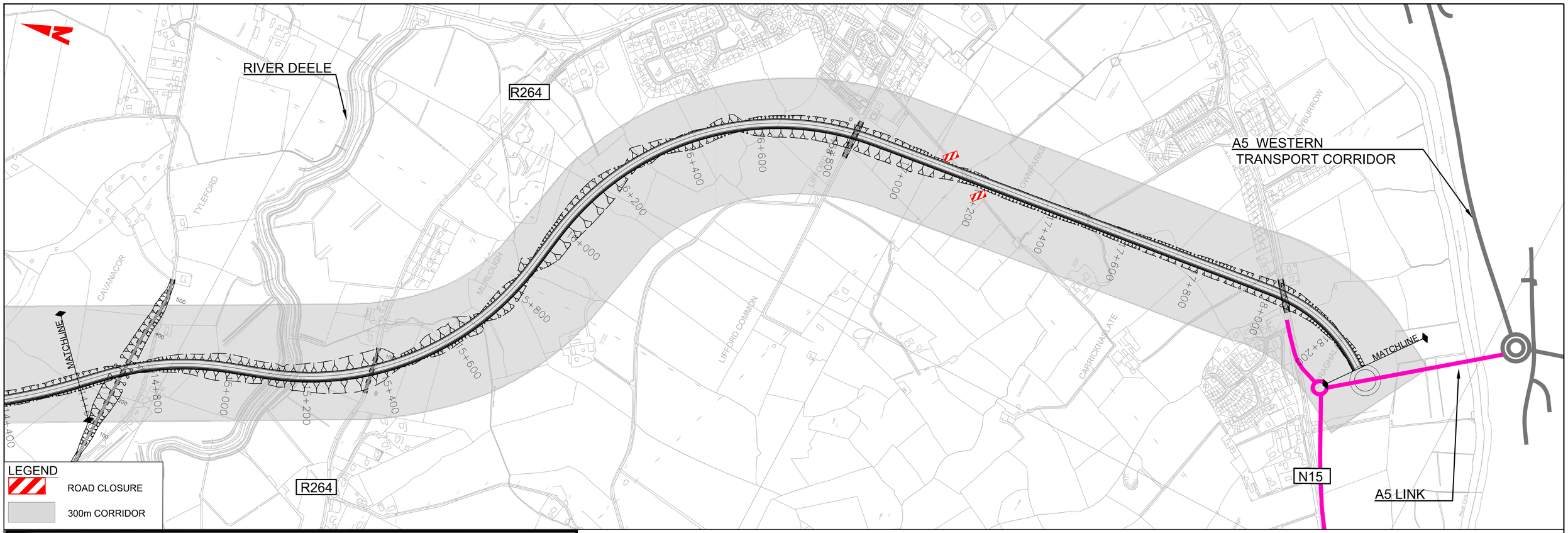
The A5 Link and A5 Western Transport Corridor are not currently part of this project and are being progressed separately.

Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

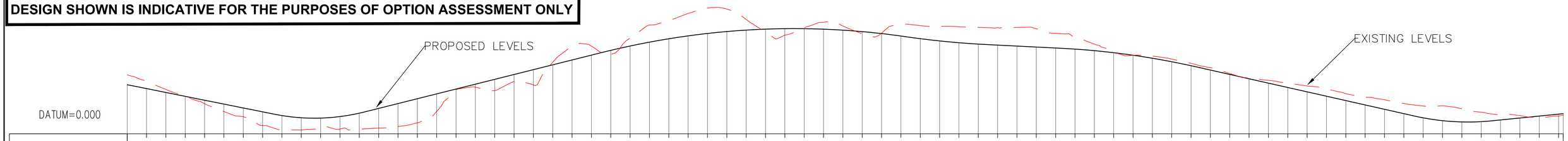
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3F PLAN & PROFILE FIGURE 3F SHEET 4 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3F-DR-CH-00101 TO 00105 3F PLAN AND PROFILES
Drawn: LRB	Scale at A1: 1:5000
Approved: ED	Date: OCTOBER 2019
Checked: EC	Drawing No. Y16112-3F-0100-0104
	Rev: P01

File Name: X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CAD\D - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3F-DR-CH-00101 to 00105 3F Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	HORIZ. ALIGN.	VERT. ALIGN.
14600.000	30.362	25.341	CL	P=-4.0% L=443.8
14650.000	26.987	23.341	CL	
14700.000	22.904	21.341	R=720.0 L=229.6	
14750.000	19.367	19.341		
14800.000	15.566	17.341		
14850.000	11.520	15.341		
14900.000	8.782	13.341		
14950.000	4.262	11.341		
15000.000	2.111	9.419	CL=97.7	R=2600.0 L=234.0
15050.000	1.947	8.285	CL	
15100.000	2.304	8.113		
15150.000	2.478	8.903		
15200.000	2.238	10.654	R=-720.0 L=689.5	P=5.0% L=609.8
15250.000	2.958	13.116		
15300.000	3.793	15.616		
15350.000	5.618	18.116		
15400.000	11.551	20.616		
15450.000	22.609	23.116		
15500.000	24.034	25.616		
15550.000	22.273	28.116		
15600.000	26.962	30.616		
15650.000	25.231	33.116		
15700.000	36.935	35.616		
15750.000	44.902	38.116		
15800.000	45.259	40.616		
15850.000	41.052	43.082	CL	R=-10000.0 L=788.9
15900.000	49.406	45.325	CL	
15950.000	56.136	47.319		
16000.000	58.294	49.062		
16050.000	62.140	50.556		
16100.000	64.879	51.799		
16150.000	64.407	52.793		
16200.000	59.058	53.536		
16250.000	52.256	54.030		
16300.000	50.933	54.274		
16350.000	54.744	54.267		
16400.000	57.567	54.011		
16450.000	55.674	53.504		
16500.000	51.673	52.748	R=720.0 L=831.4	
16550.000	51.978	51.741		
16600.000	56.454	50.485		
16650.000	55.850	49.112		
16700.000	55.448	47.951		
16750.000	55.269	47.018		
16800.000	54.959	46.312		
16850.000	54.767	45.793	CL=97.7	R=11000.0 L=207.8
16900.000	54.932	45.293		
16950.000	54.230	44.793		
17000.000	51.822	44.293	D=1015.0	L=193.7
17050.000	50.106	43.728		
17100.000	46.304	42.923		
17150.000	42.675	41.868		R=-10000.0 L=350.0
17200.000	40.536	40.563		
17250.000	40.133	39.008		
17300.000	38.559	37.204		
17350.000	36.363	35.149		P=-4.5% L=562.2
17400.000	34.169	32.908		
17450.000	31.144	30.658		
17500.000	28.913	28.408		
17550.000	27.577	26.158		
17600.000	26.224	23.908		
17650.000	24.684	21.658		
17700.000	23.351	19.408		
17750.000	20.722	17.158		
17800.000	18.850	14.908		
17850.000	17.636	12.658		
17900.000	15.650	10.408		
17950.000	14.336	8.250	CL	R=3100.0 L=201.5
18000.000	14.469	6.787		
18050.000	12.979	6.131		
18100.000	11.159	6.282	R=390.0 L=258.2	P=2.0%
18150.000	9.982	7.158		
18200.000	9.430	8.158		L=184.2
18250.000	8.628	9.158		
18300.000	9.648	10.158		

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CHAINAGES: 14+550 - 18+311

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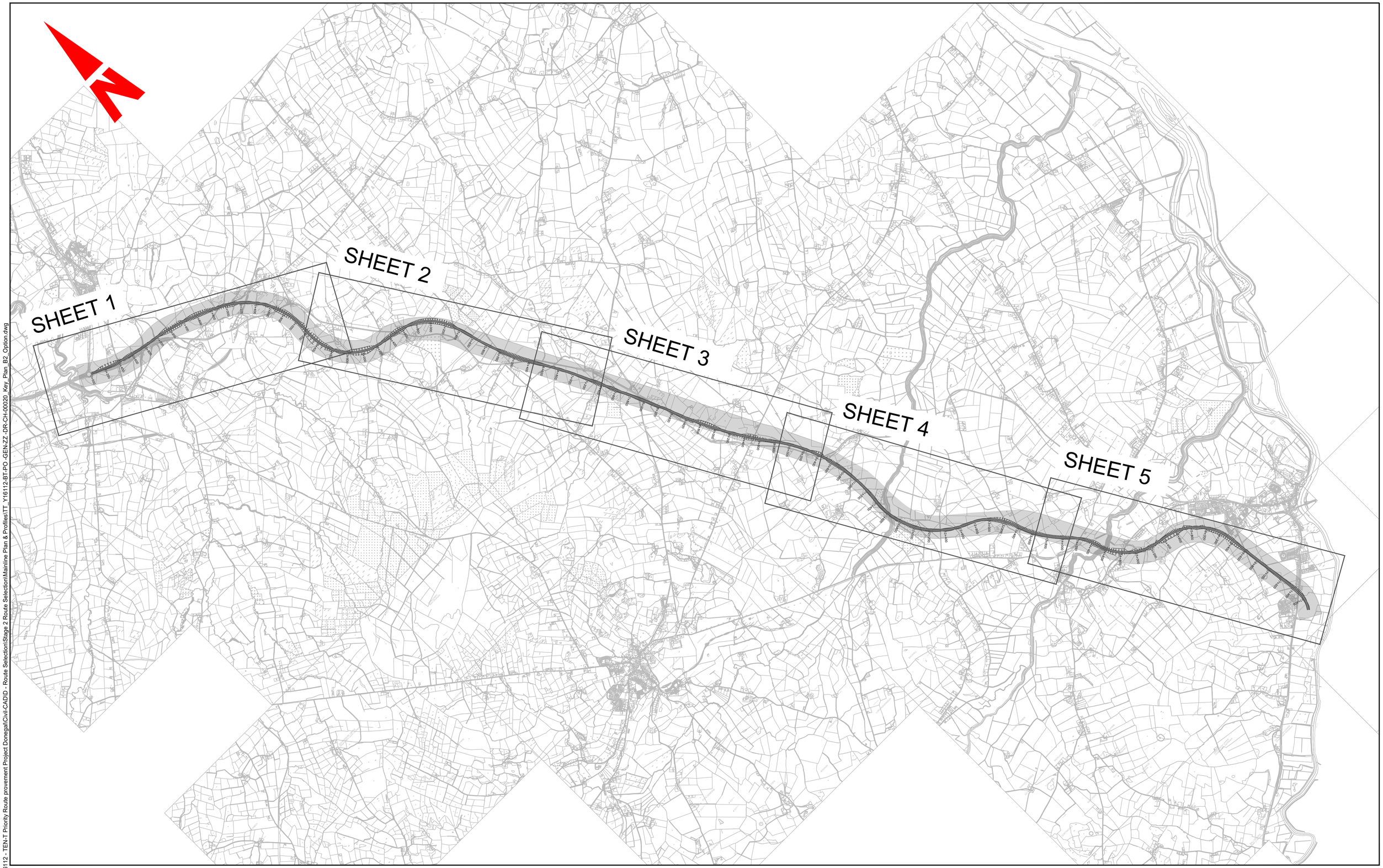
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Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3F PLAN & PROFILE FIGURE 3F SHEET 5 0F 5

Designed: EC	File Name: TT_Y16112-BT-RS-HML-3F-DR-CH-00101 TO 00105 3F PLAN AND PROFILES	Drawing No. Y16112-3F-0100-0105	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name: - X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-RS-HML-3F-DR-CH-00101 to 00105 3F Plan and Profiles.dwg



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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
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Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/10/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT, DONEGAL

Drawing Title: FIGURE 3.3 - SECTION 3 PREFERRED OPTION (3B2) KEY PLAN

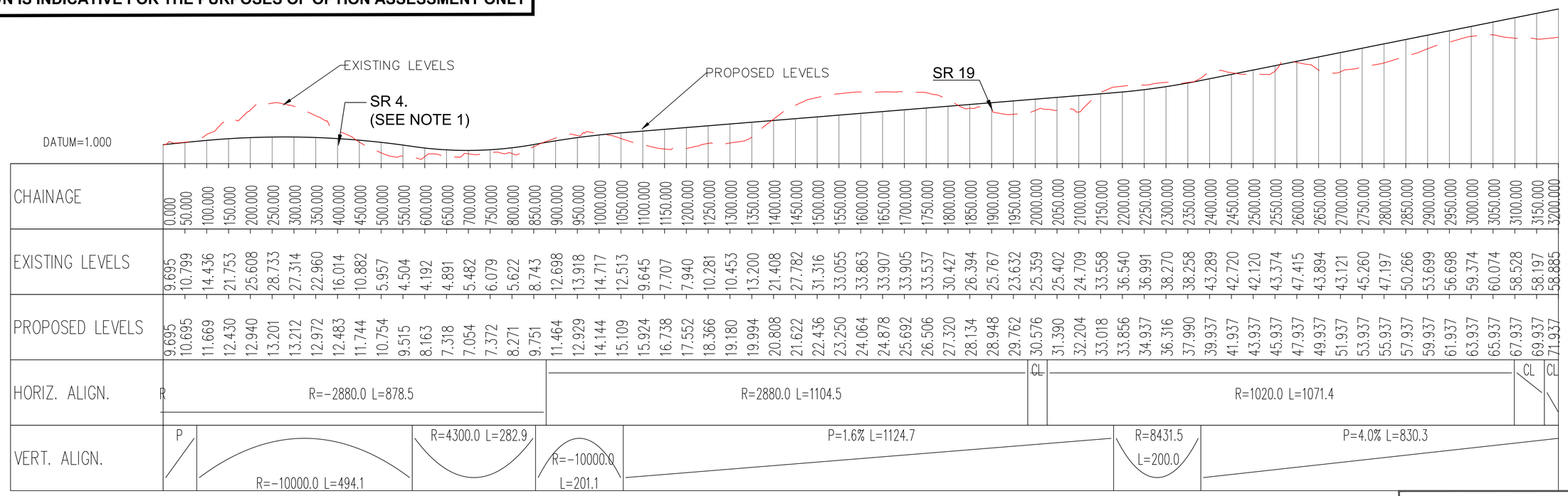
Status: S4

Designed: EC	Date: FEB 18	Model File Identifier:	Rev:
Drawn: LRB	Scale: NTS		P01
Approved: ED		File Identifier:	
Checked: EC	Sheet: 1 of 1	TT_Y16112-BT-PO -GEN-ZZ -DR-CH-00020_Key_Plan_B2_Option	

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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	9.695	9.695
50.000	10.799	10.695
100.000	14.436	11.669
150.000	21.753	12.430
200.000	25.608	12.940
250.000	28.733	13.201
300.000	27.314	13.212
350.000	22.960	12.972
400.000	16.014	12.483
450.000	10.882	11.744
500.000	5.957	10.754
550.000	4.504	9.515
600.000	4.192	8.163
650.000	4.891	7.318
700.000	5.482	7.054
750.000	6.079	7.372
800.000	5.622	8.271
850.000	8.743	9.751
900.000	12.698	11.464
950.000	13.918	12.929
1000.000	14.717	14.144
1050.000	12.513	15.109
1100.000	9.645	15.924
1150.000	7.707	16.738
1200.000	7.940	17.552
1250.000	10.281	18.366
1300.000	10.453	19.180
1350.000	13.200	19.994
1400.000	21.408	20.808
1450.000	27.782	21.622
1500.000	31.316	22.436
1550.000	33.055	23.250
1600.000	33.863	24.064
1650.000	33.907	24.878
1700.000	33.905	25.692
1750.000	33.537	26.506
1800.000	30.427	27.320
1850.000	26.394	28.134
1900.000	25.767	28.948
1950.000	23.632	29.762
2000.000	25.359	30.576
2050.000	25.402	31.390
2100.000	24.709	32.204
2150.000	33.558	33.018
2200.000	36.540	33.856
2250.000	36.991	34.937
2300.000	38.270	36.316
2350.000	38.258	37.990
2400.000	43.289	39.937
2450.000	42.720	41.937
2500.000	42.120	43.937
2550.000	43.374	45.937
2600.000	47.415	47.937
2650.000	43.894	49.937
2700.000	43.121	51.937
2750.000	45.260	53.937
2800.000	47.197	55.937
2850.000	50.266	57.937
2900.000	53.699	59.937
2950.000	56.698	61.937
3000.000	59.374	63.937
3050.000	60.074	65.937
3100.000	58.528	67.937
3150.000	58.197	69.937
3200.000	58.885	71.937

HORIZ. ALIGN.	VERT. ALIGN.
R	P
R=-2880.0 L=878.5	R=-10000.0 L=494.1
	R=4300.0 L=282.9
CL	R=-10000.0 L=201.1
R=2880.0 L=1104.5	P=1.6% L=1124.7
CL	R=8431.5 L=200.0
R=1020.0 L=1071.4	P=4.0% L=830.3
CL	
CL	

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CHAINAGE: 0+000 - 3+200

0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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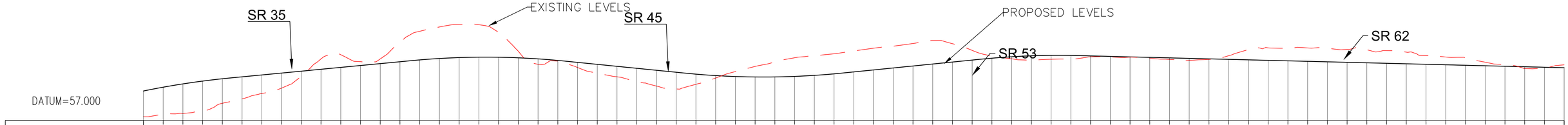
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE
FIGURE 3.4 - SECTION 3 PREFERRED OPTION (3B2)
SHEET 1 OF 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 PLAN_AND_PROFILES	Y16112-3B2-0100-0101	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3200.000	58.885	71.937
3250.000	60.146	73.858
3300.000	60.581	75.533
3350.000	61.841	76.959
3400.000	65.721	78.135
3450.000	67.917	79.109
3500.000	70.642	80.065
3550.000	73.394	81.021
3600.000	79.409	81.977
3650.000	88.203	82.933
3700.000	90.322	83.890
3750.000	86.785	84.846
3800.000	88.175	85.802
3850.000	96.701	86.758
3900.000	102.190	87.686
3950.000	104.371	88.397
4000.000	105.647	88.859
4050.000	105.499	89.070
4100.000	101.635	89.032
4150.000	92.053	88.744
4200.000	85.487	88.205
4250.000	87.078	87.417
4300.000	83.839	86.432
4350.000	80.998	85.432
4400.000	79.101	84.432
4450.000	76.763	83.432
4500.000	74.433	82.432
4550.000	72.969	81.432
4600.000	75.317	80.475
4650.000	78.497	79.746
4700.000	81.779	79.267
4750.000	84.371	79.038
4800.000	86.670	79.060
4850.000	88.758	79.331
4900.000	89.811	79.852
4950.000	90.774	80.623
5000.000	92.157	81.602
5050.000	93.606	82.602
5100.000	94.632	83.602
5150.000	95.999	84.602
5200.000	97.551	85.602
5250.000	95.886	86.602
5300.000	92.518	87.602
5350.000	89.661	88.555
5400.000	88.225	89.278
5450.000	87.561	89.751
5500.000	88.023	89.973
5550.000	88.208	89.946
5600.000	89.221	89.715
5650.000	89.181	89.465
5700.000	89.084	89.215
5750.000	88.516	88.965
5800.000	87.921	88.715
5850.000	87.421	88.465
5900.000	87.908	88.215
5950.000	89.804	87.965
6000.000	92.919	87.715
6050.000	93.784	87.465
6100.000	93.469	87.215
6150.000	93.743	86.965
6200.000	93.606	86.715
6250.000	93.000	86.465
6300.000	92.817	86.215
6350.000	92.386	85.965
6400.000	91.624	85.715
6450.000	89.845	85.465
6500.000	89.150	85.215
6550.000	88.721	84.965
6600.000	86.526	84.715
6650.000	85.228	84.465
6700.000	83.307	84.215
6750.000	83.462	83.965
6800.000	85.187	83.715

HORIZ. ALIGN.: CL | R=-720.0 L=964.1 | CL | D=146.1 | CL | R=720.0 L=716.0 | CL=97.7 | D=303.6 | R=-3000.0 L=819.1 | R=5000.0 L=661.6

VERT. ALIGN.: P | R=-10000.0 L=208.8 | P=1.9% L=457.2 | R=-10000.0 L=391.2 | P=-2.0% L=303.4 | R=10000.0 L=400.0 | P=2.0% L=348.8 | R=-10000.0 L=250.0 | P=-0.5% L=1696.6

CHAINAGE: 3+200 - 6+800

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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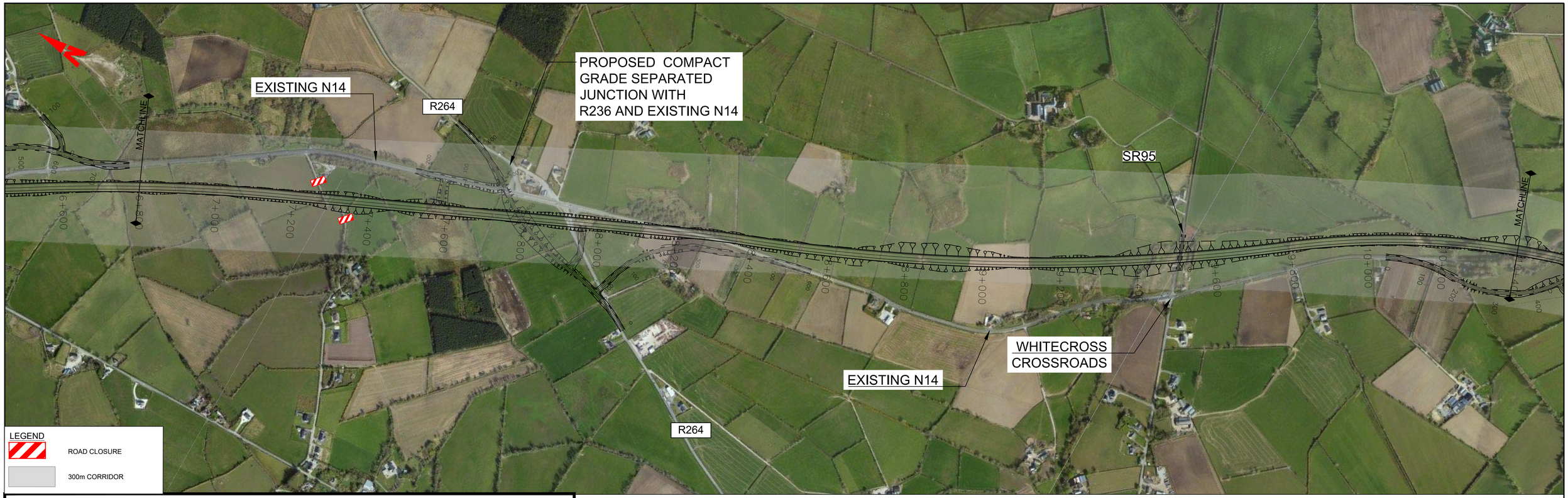
Rev.	Date	Drawn	Description	Chk'd	Appr
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE
FIGURE 3.4 - SECTION 3 PREFERRED OPTION (3B2)
SHEET 2 OF 5

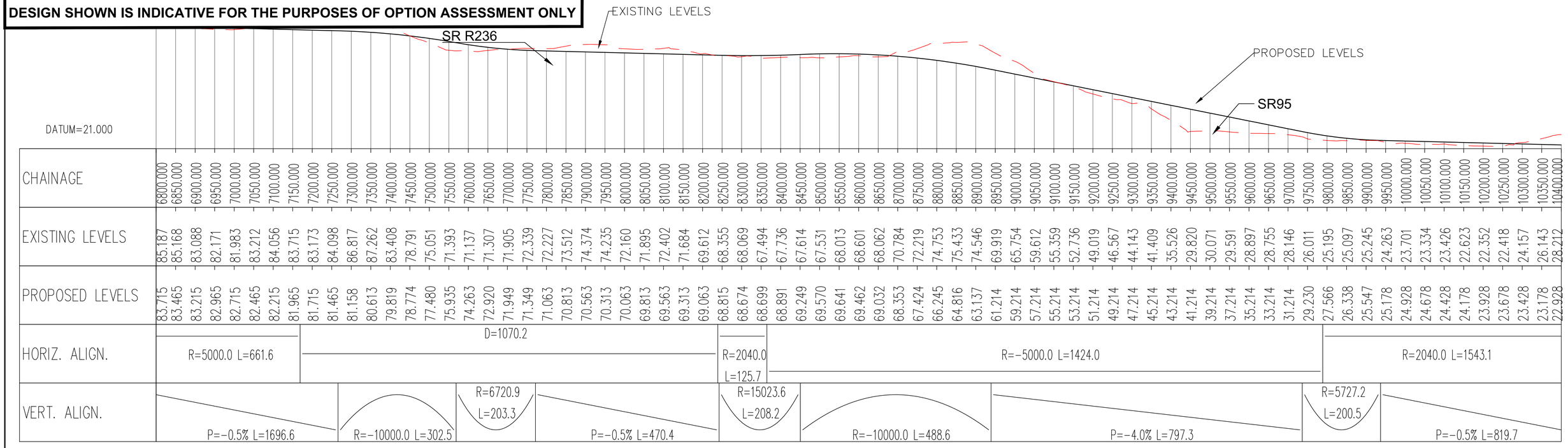
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Drawn: LRB	
Approved: ED	Scale at A1: 1:5000
Checked: EC	Date: OCTOBER 2019

Drawing No.: Y16112-3B2-0100-0102
Rev.: P01

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD\ - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 Plan and Profiles.dwg



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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
6800.000	85.187	83.715
6850.000	85.168	83.465
6900.000	83.088	83.215
6950.000	82.171	82.965
7000.000	81.983	82.715
7050.000	83.212	82.465
7100.000	84.056	82.215
7150.000	83.715	81.965
7200.000	83.173	81.715
7250.000	84.098	81.465
7300.000	86.817	81.158
7350.000	87.262	80.613
7400.000	83.408	79.819
7450.000	78.791	78.774
7500.000	75.051	77.480
7550.000	71.393	75.935
7600.000	71.137	74.263
7650.000	71.307	72.920
7700.000	71.905	71.949
7750.000	72.339	71.349
7800.000	72.227	71.063
7850.000	73.512	70.813
7900.000	74.374	70.563
7950.000	74.235	70.313
8000.000	72.160	70.063
8050.000	71.895	69.813
8100.000	72.402	69.563
8150.000	71.684	69.313
8200.000	69.612	69.063
8250.000	68.355	68.815
8300.000	68.069	68.674
8350.000	67.494	68.699
8400.000	67.736	68.891
8450.000	67.614	69.249
8500.000	67.531	69.570
8550.000	68.013	69.641
8600.000	68.601	69.462
8650.000	68.062	69.032
8700.000	70.784	68.353
8750.000	72.219	67.424
8800.000	74.753	66.245
8850.000	75.433	64.816
8900.000	74.546	63.137
8950.000	69.919	61.214
9000.000	65.754	59.214
9050.000	59.612	57.214
9100.000	55.359	55.214
9150.000	52.736	53.214
9200.000	49.019	51.214
9250.000	46.567	49.214
9300.000	44.143	47.214
9350.000	41.409	45.214
9400.000	35.526	43.214
9450.000	29.820	41.214
9500.000	30.071	39.214
9550.000	29.591	37.214
9600.000	28.897	35.214
9650.000	28.755	33.214
9700.000	28.146	31.214
9750.000	26.011	29.230
9800.000	25.195	27.566
9850.000	25.097	26.338
9900.000	25.245	25.547
9950.000	24.263	25.178
10000.000	23.701	24.928
10050.000	23.334	24.678
10100.000	23.426	24.428
10150.000	22.623	24.178
10200.000	22.352	23.928
10250.000	22.418	23.678
10300.000	24.157	23.428
10350.000	26.143	23.178
10400.000	28.212	22.928

HORIZ. ALIGN.	R=5000.0 L=661.6; D=1070.2; R=2040.0 L=125.7; R=-5000.0 L=1424.0; R=2040.0 L=1543.1
VERT. ALIGN.	P=-0.5% L=1696.6; R=-10000.0 L=302.5; R=6720.9 L=203.3; P=-0.5% L=470.4; R=15023.6 L=208.2; R=-10000.0 L=488.6; P=-4.0% L=797.3; R=5727.2 L=200.5; P=-0.5% L=819.7

CHAINAGE: 6+800 - 10+400

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

Bonneagar Iompair Éireann
Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

Notes:
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

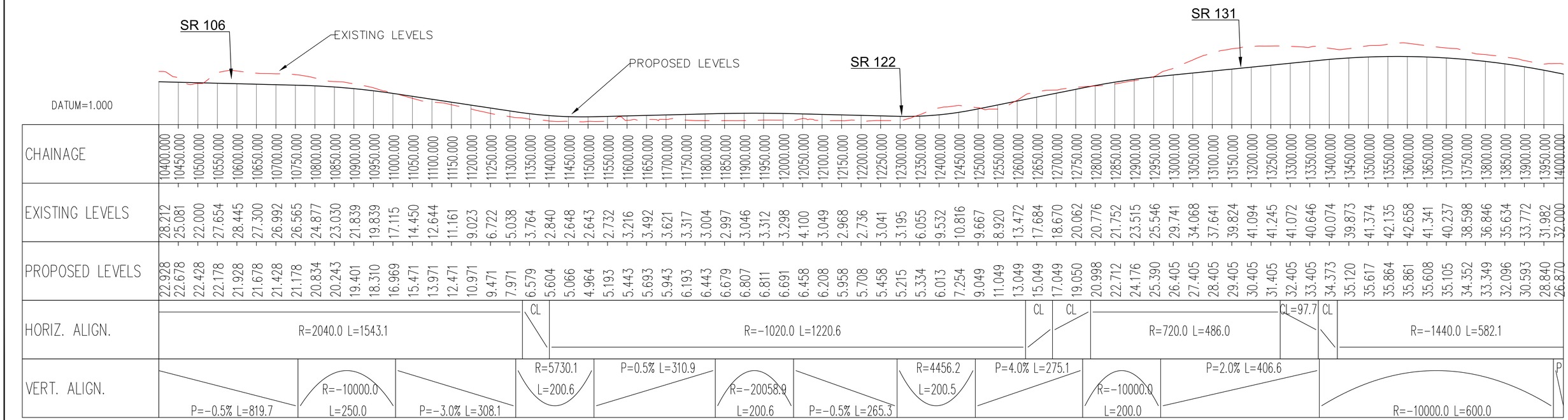
Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT DONEGAL
Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE
FIGURE 3.4 - SECTION 3 PREFERRED OPTION (3B2)
SHEET 3 OF 5

Designed: EC	File Name: TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 PLAN_AND_PROFILES	Drawing No. Y16112-3B2-0100-0103	Rev: P01
Drawn: LRB			
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 Plan and Profiles.dwg



DESIGN SHOWN IS INDICATIVE FOR THE PURPOSES OF OPTION ASSESSMENT ONLY



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
10400.000	28.212	22.928
10450.000	25.081	22.678
10500.000	22.000	22.428
10550.000	27.654	22.178
10600.000	28.445	21.928
10650.000	27.300	21.678
10700.000	26.992	21.428
10750.000	26.565	21.178
10800.000	24.877	20.834
10850.000	23.030	20.243
10900.000	21.839	19.401
10950.000	19.839	18.310
11000.000	17.115	16.969
11050.000	14.450	15.471
11100.000	12.644	13.971
11150.000	11.161	12.471
11200.000	9.023	10.971
11250.000	6.722	9.471
11300.000	5.038	7.971
11350.000	3.764	6.579
11400.000	2.840	5.604
11450.000	2.648	5.066
11500.000	2.643	4.964
11550.000	2.732	5.193
11600.000	3.216	5.443
11650.000	3.492	5.693
11700.000	3.621	5.943
11750.000	3.317	6.193
11800.000	3.004	6.443
11850.000	2.997	6.679
11900.000	3.046	6.807
11950.000	3.312	6.811
12000.000	3.298	6.691
12050.000	4.100	6.458
12100.000	3.049	6.208
12150.000	2.968	5.958
12200.000	2.736	5.708
12250.000	3.041	5.458
12300.000	3.195	5.215
12350.000	6.055	5.334
12400.000	9.532	6.013
12450.000	10.816	7.254
12500.000	9.667	9.049
12550.000	8.920	11.049
12600.000	13.472	13.049
12650.000	17.684	15.049
12700.000	18.670	17.049
12750.000	20.062	19.050
12800.000	20.776	20.998
12850.000	21.752	22.712
12900.000	23.515	24.176
12950.000	25.546	25.390
13000.000	29.741	26.405
13050.000	34.068	27.405
13100.000	37.641	28.405
13150.000	39.824	29.405
13200.000	41.094	30.405
13250.000	41.245	31.405
13300.000	41.072	32.405
13350.000	40.646	33.405
13400.000	40.074	34.373
13450.000	39.873	35.120
13500.000	41.374	35.617
13550.000	42.135	35.864
13600.000	42.658	35.861
13650.000	41.341	35.608
13700.000	40.237	35.105
13750.000	38.598	34.352
13800.000	36.846	33.349
13850.000	35.634	32.096
13900.000	33.772	30.593
13950.000	31.982	28.840
14000.000	32.000	26.870

HORIZ. ALIGN.	VERT. ALIGN.
R=2040.0 L=1543.1	P=-0.5% L=819.7
	R=-10000.0 L=250.0
	P=-3.0% L=308.1
CL	R=5730.1 L=200.6
R=-1020.0 L=1220.6	P=0.5% L=310.9
	R=-20058.9 L=200.6
	P=-0.5% L=265.3
CL	R=4456.2 L=200.5
CL	P=4.0% L=275.1
R=720.0 L=486.0	R=-10000.0 L=200.0
CL=97.7	P=2.0% L=406.6
CL	
R=-1440.0 L=582.1	R=-10000.0 L=600.0
	P

CHAINAGE: 10+400 - 14+000

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0m 100m 200m 300m 400m 500m
Scale Bar 1:5000 (A1)

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Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall
Donegal County Council

RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

BARRY TRANSPORTATION
Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
Phone: +353 94 906 8950
Email: info@jbbarry.ie

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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	02/09/19	LRB	OPTION SELECTION REPORT	EC	ED

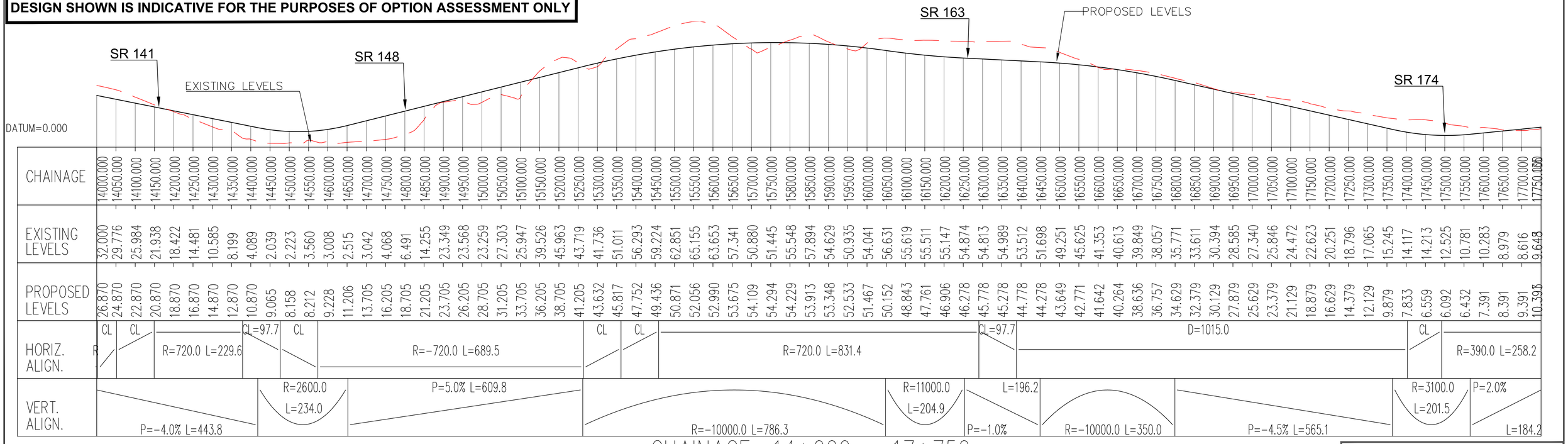
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Status: S4
Drawing Title: OPTION 3B2 PLAN & PROFILE
FIGURE 3.4 - SECTION 3 PREFERRED OPTION (3B2)
SHEET 4 OF 5

Designed: EC	File Name:	Drawing No.	Rev:
Drawn: LRB	TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 PLAN_AND_PROFILES	Y16112-3B2-0100-0104	P01
Approved: ED	Scale at A1: 1:5000		
Checked: EC	Date: OCTOBER 2019		

File Name : X:\Halcrow\Barry\Y16 Projects\Y16112 - TEN-T Priority Route provement Project Donegal\Civil-CADD - Route Selection\Stage 2 Route Selection\Mainline Plan & Profiles\TT_Y16112-BT-ZZZ-HML-3B2-DR-CH-3B2 Plan and Profiles.dwg

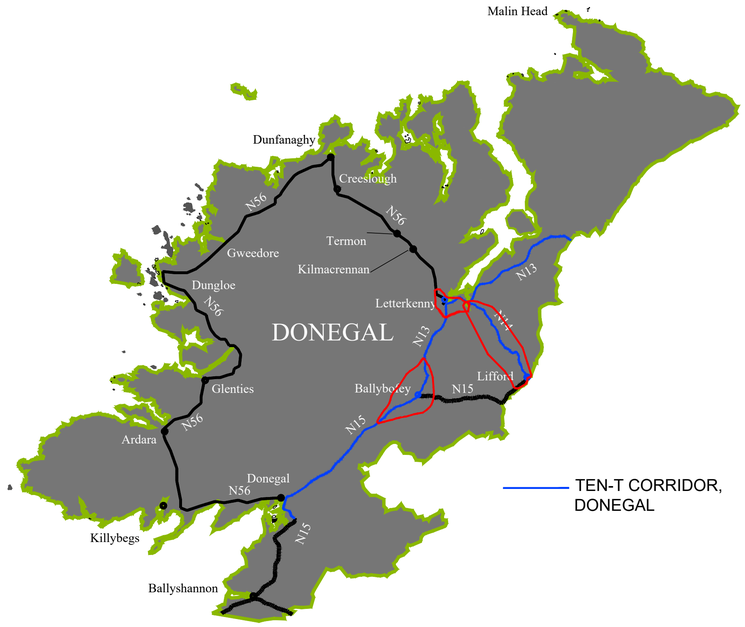


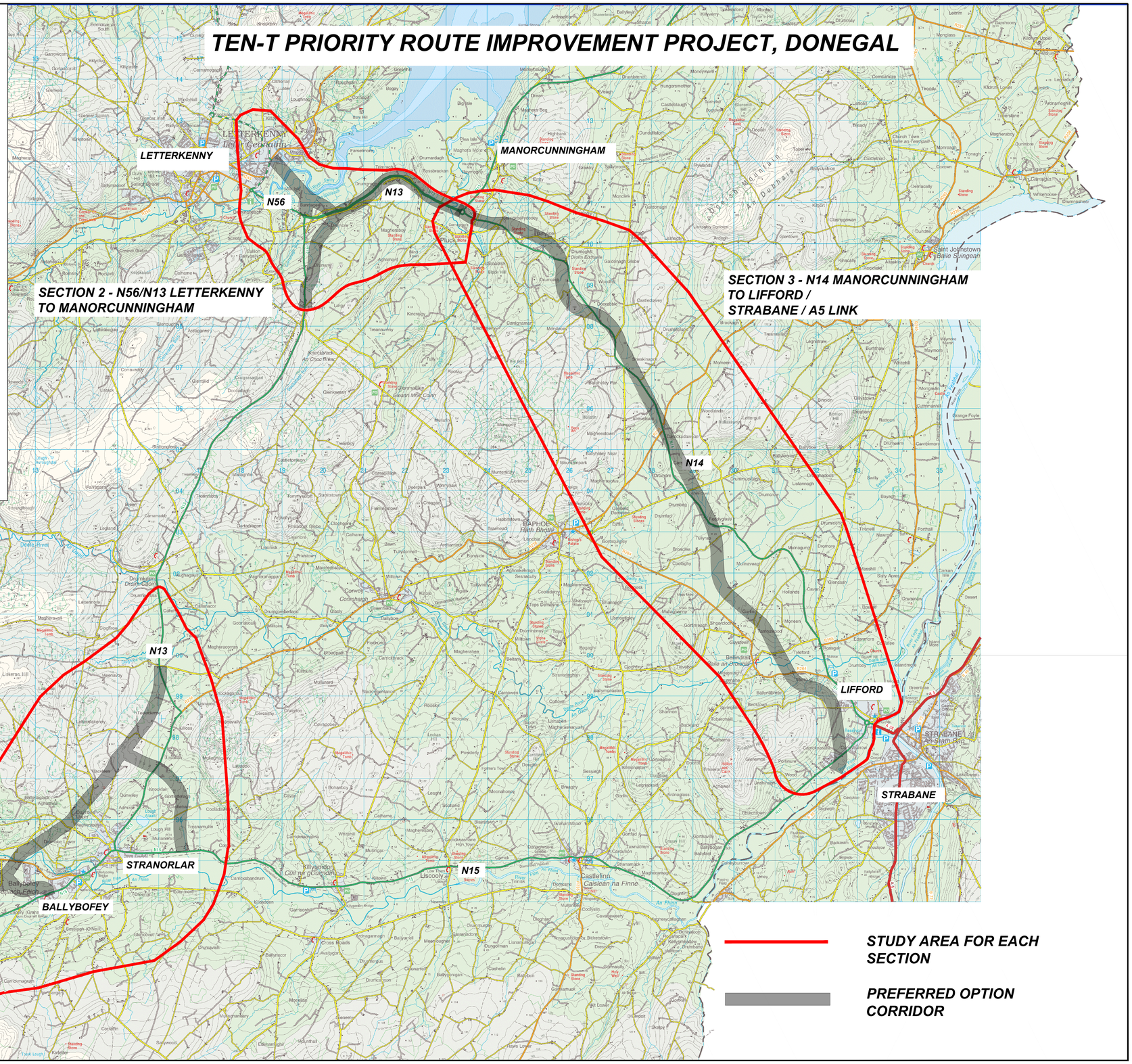
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| | | |

TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT, DONEGAL





R:\MGT0337 - Ten-T Priority Route Imp - Donegal\6.x Project Directories\32.0 Preferred Option corridor from Barrys\TT_Y16112-BT-RS-GEN-ZZ -DR-CH-00100 TEN-T Preferred Project Corridors.dwg

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RPS
Lyrr 2, IDA Business & Technology Park, Mervue, Galway
T +353 91 400200
W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

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Unit 14C, N5 Business Park, Castlebar, Co Mayo, Ireland
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Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

Rev.	Date	Drawn	Description	Ch'k'd	Appr.
P01	04/11/19	EC	OPTION SELECTION REPORT	EC	ED

Project Title: TEN-T PRIORITY ROUTE IMPROVEMENT PROJECT, DONEGAL

Drawing Title: PREFERRED OPTION CORRIDOR

Status: S4

Designed: EC	Date: APR '19	Model File Identifier:	Rev:
Drawn: EC	Scale: NTS		
Approved: ED	NTS	File Identifier:	P01
Checked: ED	Sheet: 1 of 1	TT_Y16112-BT-RS-GEN-ZZ -DR-CH-00100	

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