

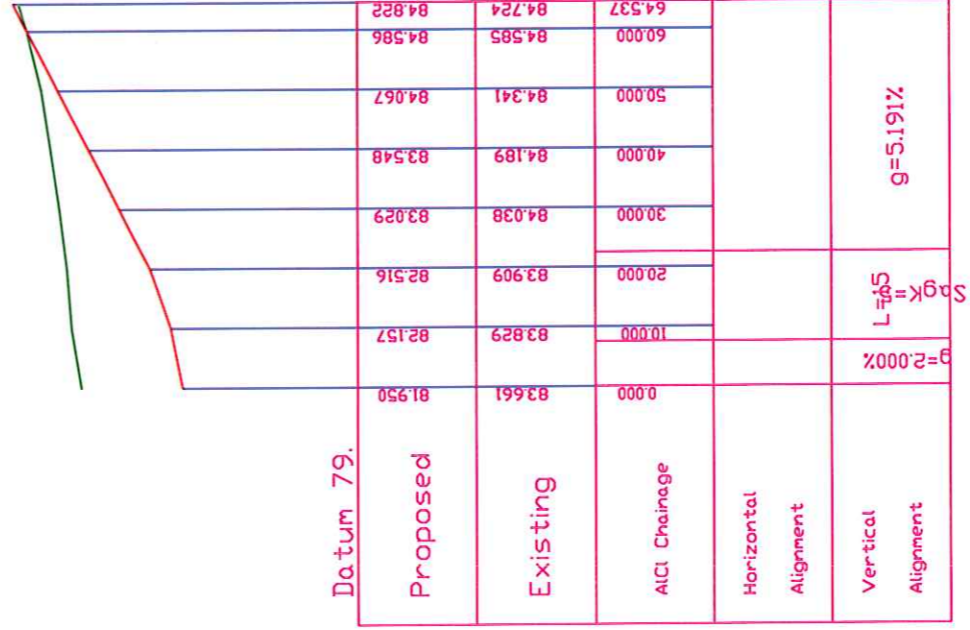
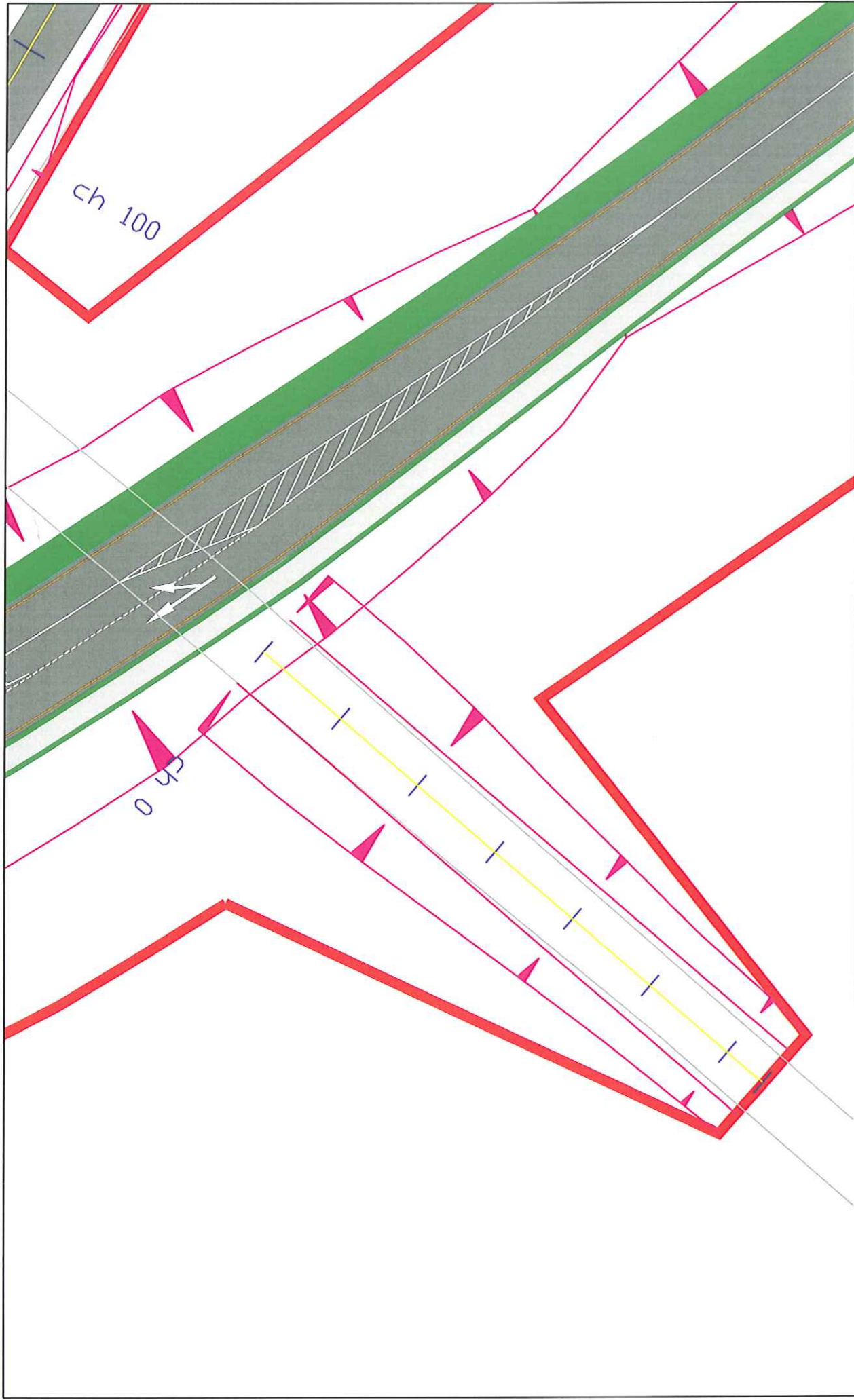
**N2 Monaghan Town to Emyvale, County Monaghan
Proposed Pavement and Minor Improvement Scheme**

**Coolkill East – Corracrin,
Part 8 Application, July 2011**

Appendix 3 Junction and Access Details

Contents:

Kellys Avenue, Ch 2930
LT 12201 Enagh South Jcn, Ch2470
LP 01155 Tirnaneill West Jcn Ch 2575
Raffertys Access Lane, Ch 2825
LS 05260 Drumcaw Jcn, Ch 3080
LT 11701 Drumgeeny Road, Ch 3690
LT 52501 Lisboy Road, Ch 4425
LP 01170 Tydavnet Rpad, Ch 5200



Datum 79.

Proposed	81.950	82.157	82.516	83.029	83.548	84.067	84.586	84.822
Existing	83.661	83.829	83.909	84.038	84.189	84.341	84.586	84.724
AICI Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	64.537
Horizontal Alignment								
Vertical Alignment	g=2.000%		L=65		g=5.191%			

Sheet 1 V11.38

Title = Junction of Kelly's Avenue and Realigne
 From alignment file Kellyave.A01
 Plotted on Wed 4-MAY-2011 11:12:19

Vertical Alignment ch 0.000
 for the 12:

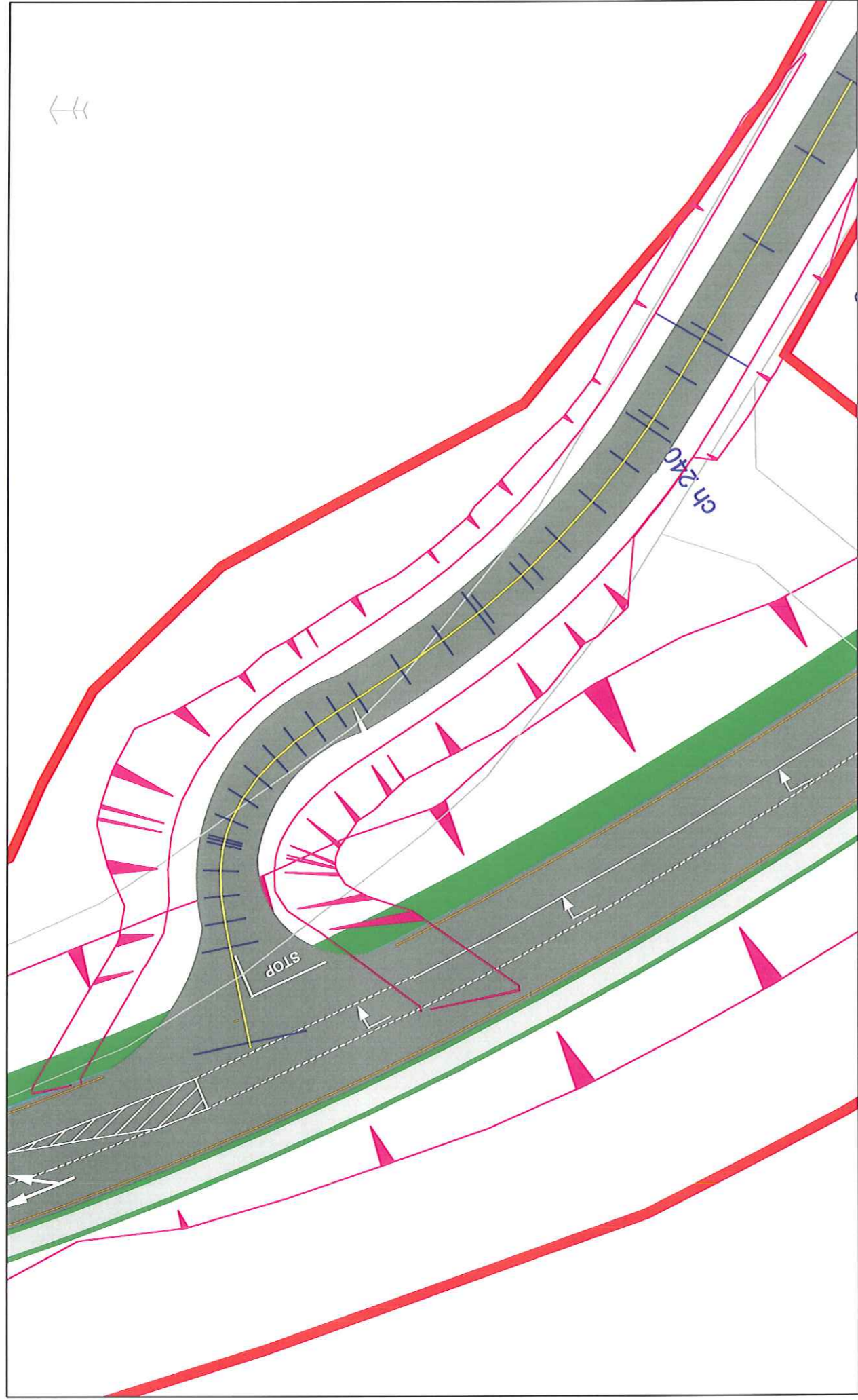


Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracrin

Title
 Sideroad and Access
 Details
 Kelly's Avenue, Ch 2390

A/ Director of Services		Damien Treanor	
Drawn	RNAI	Date	7 July 2011
Traced		Scales	
Surveyed		Plan: 1:500	Vertical: Not To Scale
Checked		@ A3	


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 An Gleann,
 Muineachán.
 Guthán: 047 30500
 Monaghan County Council,
 County Offices,
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Datum 79.	Proposed	Existing	AICI Chainage	TS	SC	CS	ST	TS	SC	CS	ST	Vertical Alignment
82.526	82.526	84.923	0.000									
82.536	82.536	84.948	0.500									
82.718	82.718	84.652	10.000									
82.763	82.763	84.337	12.500									
82.808	82.808	84.155	15.000									
82.852	82.852	84.051	17.500									
82.897	82.897	83.925	20.000									
82.936	82.936	83.778	22.500									
82.976	82.976	83.614	25.000									
83.016	83.016	83.434	27.500									
83.054	83.054	83.238	30.000									
83.092	83.092	83.026	32.500									
83.130	83.130	82.798	35.000									
83.168	83.168	82.554	37.500									
83.206	83.206	82.294	40.000									
83.244	83.244	82.018	42.500									
83.282	83.282	81.726	45.000									
83.320	83.320	81.418	47.500									
83.358	83.358	81.094	50.000									
83.396	83.396	80.754	52.500									
83.434	83.434	80.398	55.000									
83.472	83.472	80.026	57.500									
83.510	83.510	79.638	60.000									
83.548	83.548	79.234	62.500									
83.586	83.586	78.814	65.000									
83.624	83.624	78.378	67.500									
83.662	83.662	77.926	70.000									
83.700	83.700	77.458	72.500									
83.738	83.738	76.974	75.000									
83.776	83.776	76.474	77.500									
83.814	83.814	75.958	80.000									
83.852	83.852	75.426	82.500									
83.890	83.890	74.878	85.000									
83.928	83.928	74.314	87.500									
83.966	83.966	73.734	90.000									

Title = Enagh South Junction Realignment
 From alignment file LT12201.A01
 Plotted on Sun 1-MAY-2011 12:19:02


Vertical Alignment ch 0.000
 for the 12:

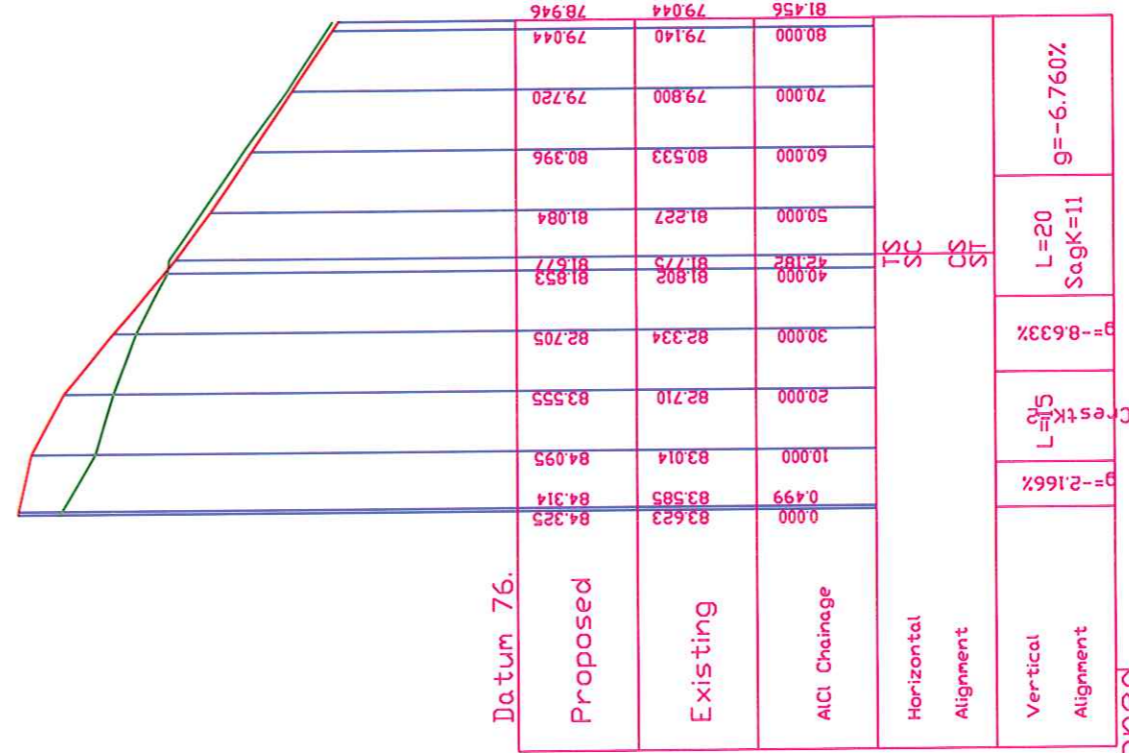


Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracinn

Title
 Sideroad and Access
 Details
 LT12201 Enagh South
 Jcn, Ch 2470

A/Directory of Services		Damien Treanor	
Drawn	RNAI	Date	2 July 2011
Traced		Scales	
Surveyed		Plan: 1:500	
Checked		Vertical: Not To Scale	
		@/A/	


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Vertical Alignment ch 0.000 to 42.182 Horizontal Scale 1/10
 for the 12: Cway Centre Line Vertical Scale 1/10

Datum 76.	Proposed	Existing	AICI Chainage	Horizontal Alignment	Vertical Alignment
0.000	83.623	84.325	0.000	TS CS CS	L=20 SagK=11 g=-6.760%
10.000	83.585	84.314	10.000		
20.000	84.095	84.314	20.000		
30.000	83.555	82.710	30.000		
40.000	82.705	82.334	40.000		
42.182	81.577	81.775	42.182		
50.000	81.227	81.084	50.000		
60.000	80.333	80.396	60.000		
70.000	79.800	79.720	70.000		
80.000	79.140	79.044	80.000		
81.456	78.946	78.946	81.456		

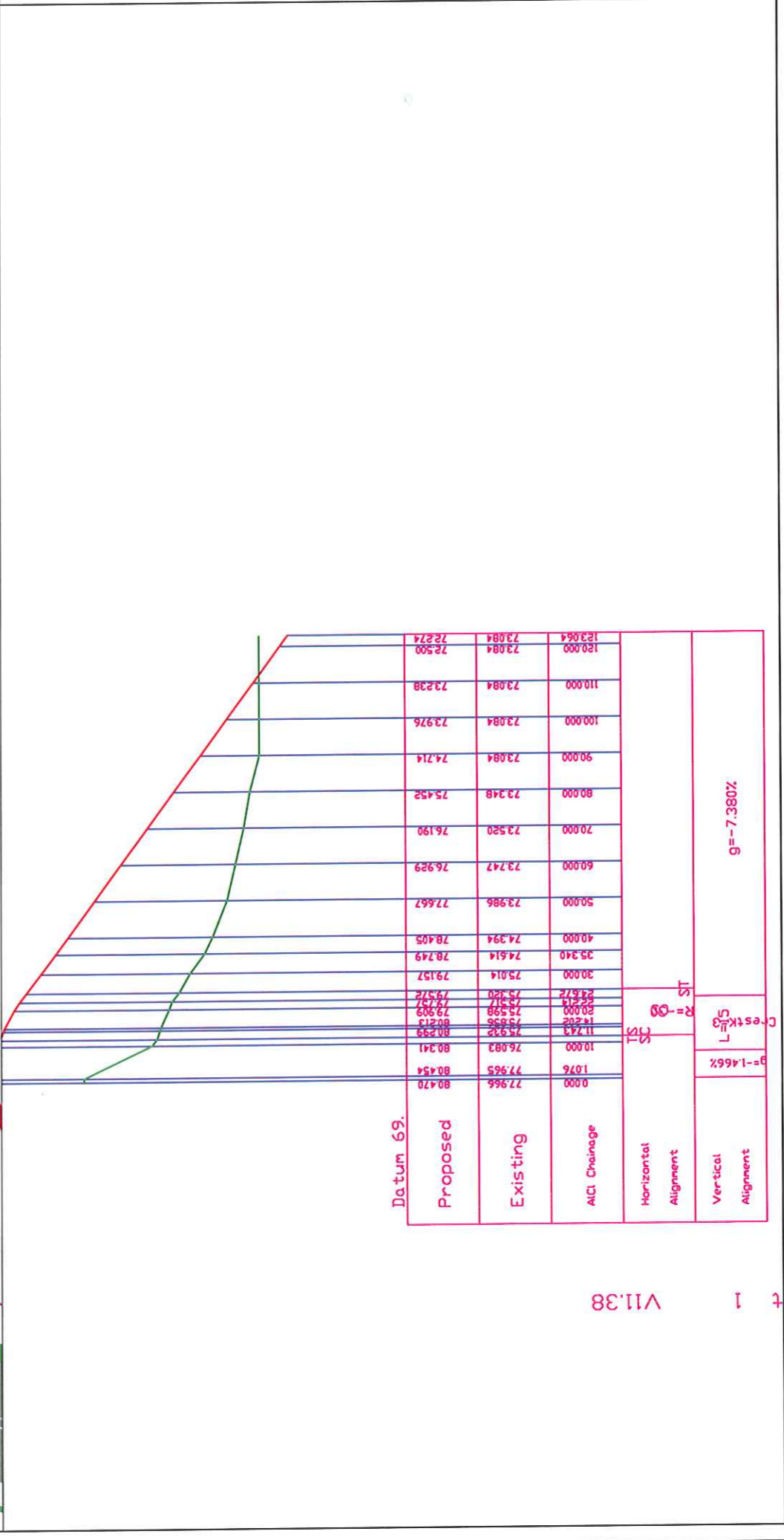
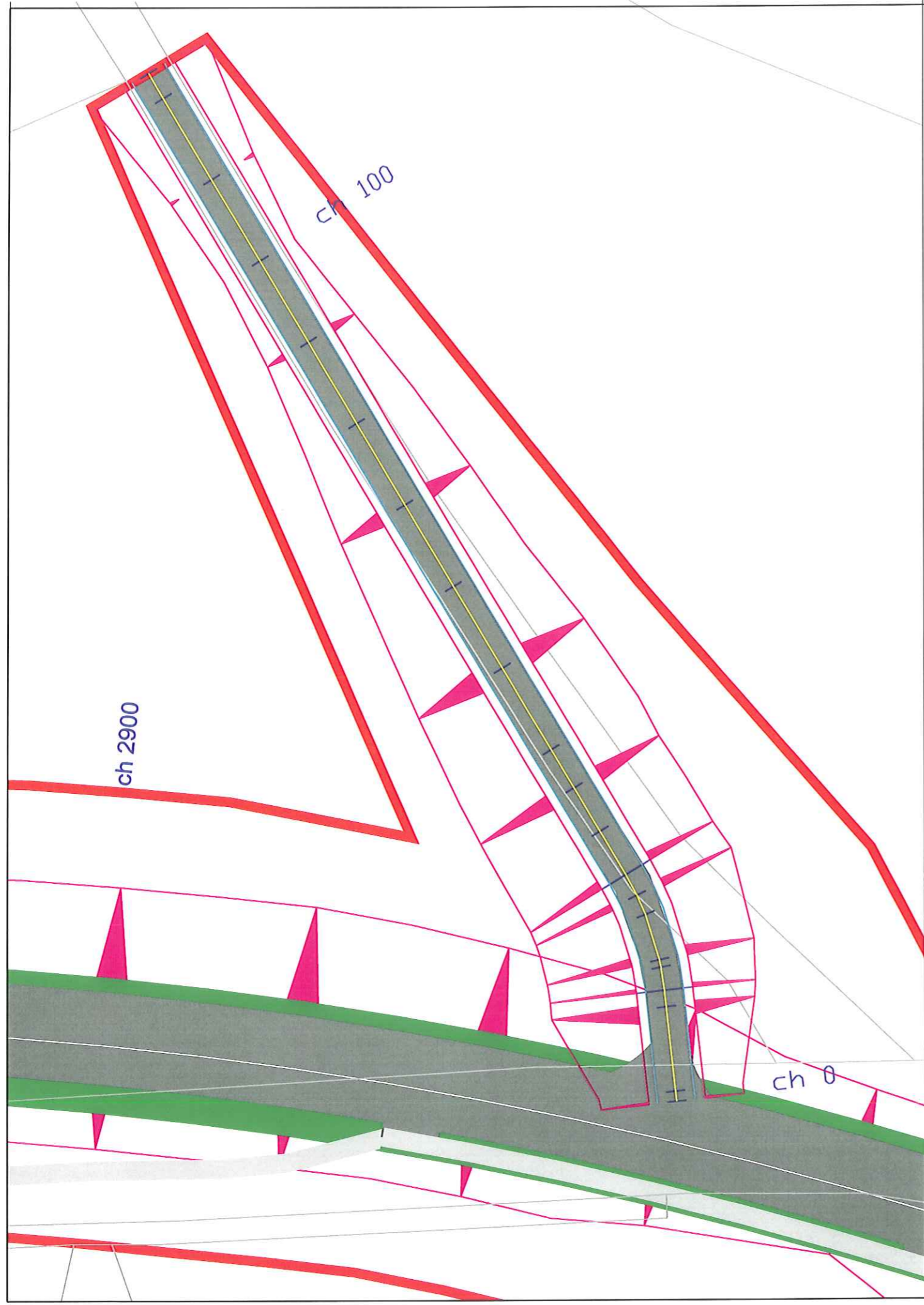


Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracrin

Title
 Sideroad and Access Details
 LP01155 Tirraneill West Jcn, Ch
 2575
 Part 8 Proposal and revised
 proposal with vertical raised 0.5m

ADirector of Services		Damien Treanor	
Drawn	RNAI	Date	7 July 2011
Traced		Scales	
Surveyed		Plan: 1:500	
Checked		Vertical: Not To Scale	
		@ / A3	

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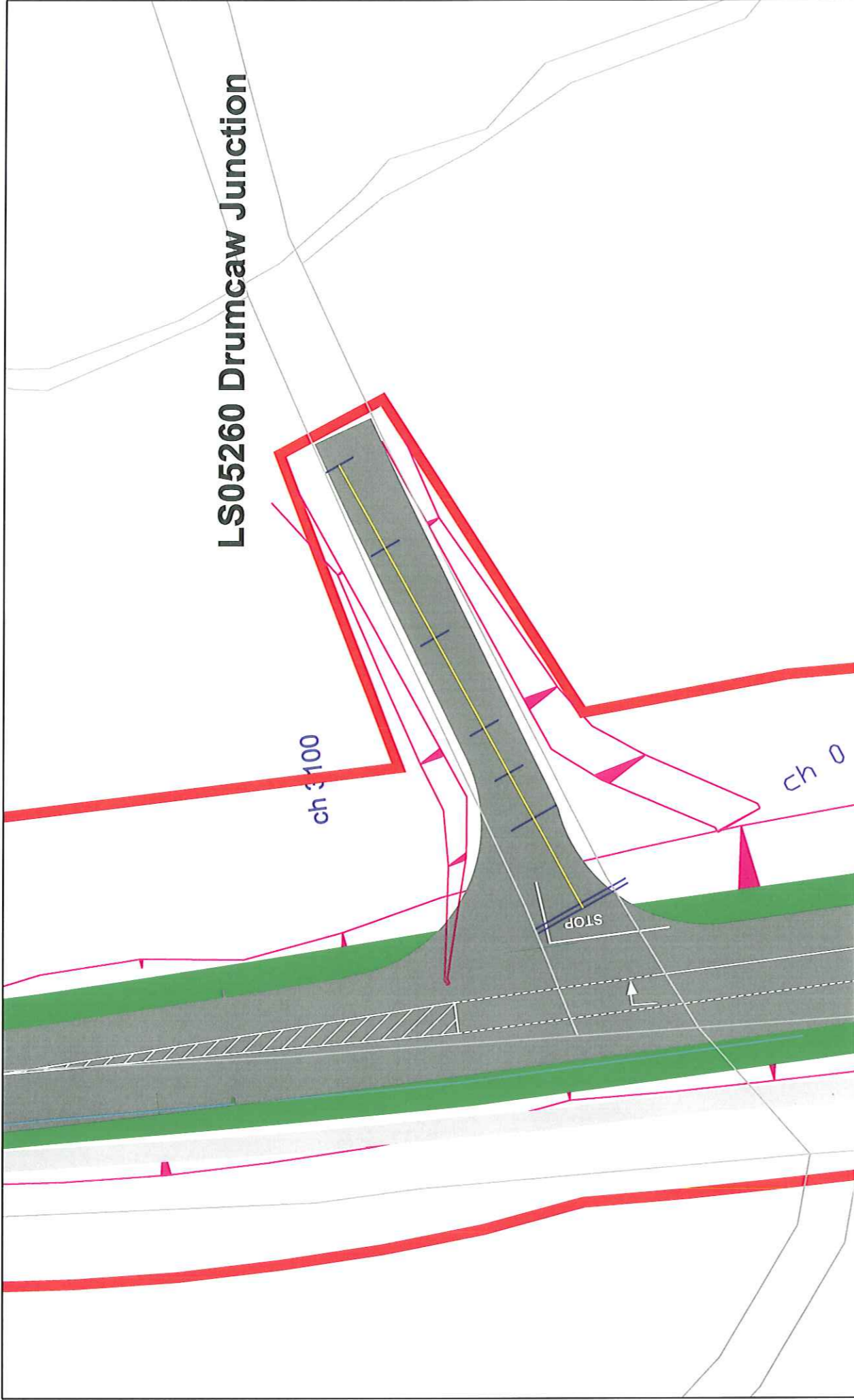


Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corcrain

Title
 Sideroad and Access Details
 Rafferty's Access Lane, Ch 2825,
 Showing original part 8 proposal and
 revised proposal with vertical
 alignment raised 0.5m

A/Director of Services	Damien Treanor	Date	7 July 2011
Drawn	RNAL	Scales	
Traced		Surveyed	
Checked		Plan: 1:500	Vertical: Not To Scale


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Datum 71.	Proposed	Existing	AICI Chainage	Horizontal Alignment	Vertical Alignment
	77.054	75.349	0.000		$g = -2.000\%$
	77.044	75.337	0.500		
	76.839	74.814	10.000		$L = 105$
	76.618	74.553	15.000		
	76.275	74.315	20.000		
	75.362	73.846	30.000		$g = -9.279\%$
	74.434	73.561	40.000		
	73.576	73.472	49.244		

Sheet 1 V11.38

Title = Drumcaw Rad Junction, Ch 3080
 From alignment file LS05260.A01
 Plotted on Mon 2-MAY-2011 11:59:39

Vertical Alignment ch 0.000
 for the 12:



Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracrin

Title
 Sideroad and Access
 Details
 LS05260 Drumcaw
 Junction, Ch 3080

ADirector of Services	Damian Treanor	
Drawn	RNAI	Date 7 July 2011
Traced		Scales
Surveyed		Plan: 1:500 Vertical: Not To Scale
Checked		@ AS


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LT11701 Drumgeeny Junction

Sheet 1 V11.38

	71.187	70.787	70.687	71.187	70.994	70.733	70.449
Proposed							
Existing							
AICI Chainage	0.000	20.000	28.862	20.000	10.000	20.000	28.862
Horizontal Alignment							
Vertical Alignment							

Datum 67.

Title = Drumgeeny Junction, Ch 3690
 From alignment file LT11701
 Plotted on Mon 2-MAY-2011 12:20:26

Vertical Alignment ch 0.000
 for the 12:

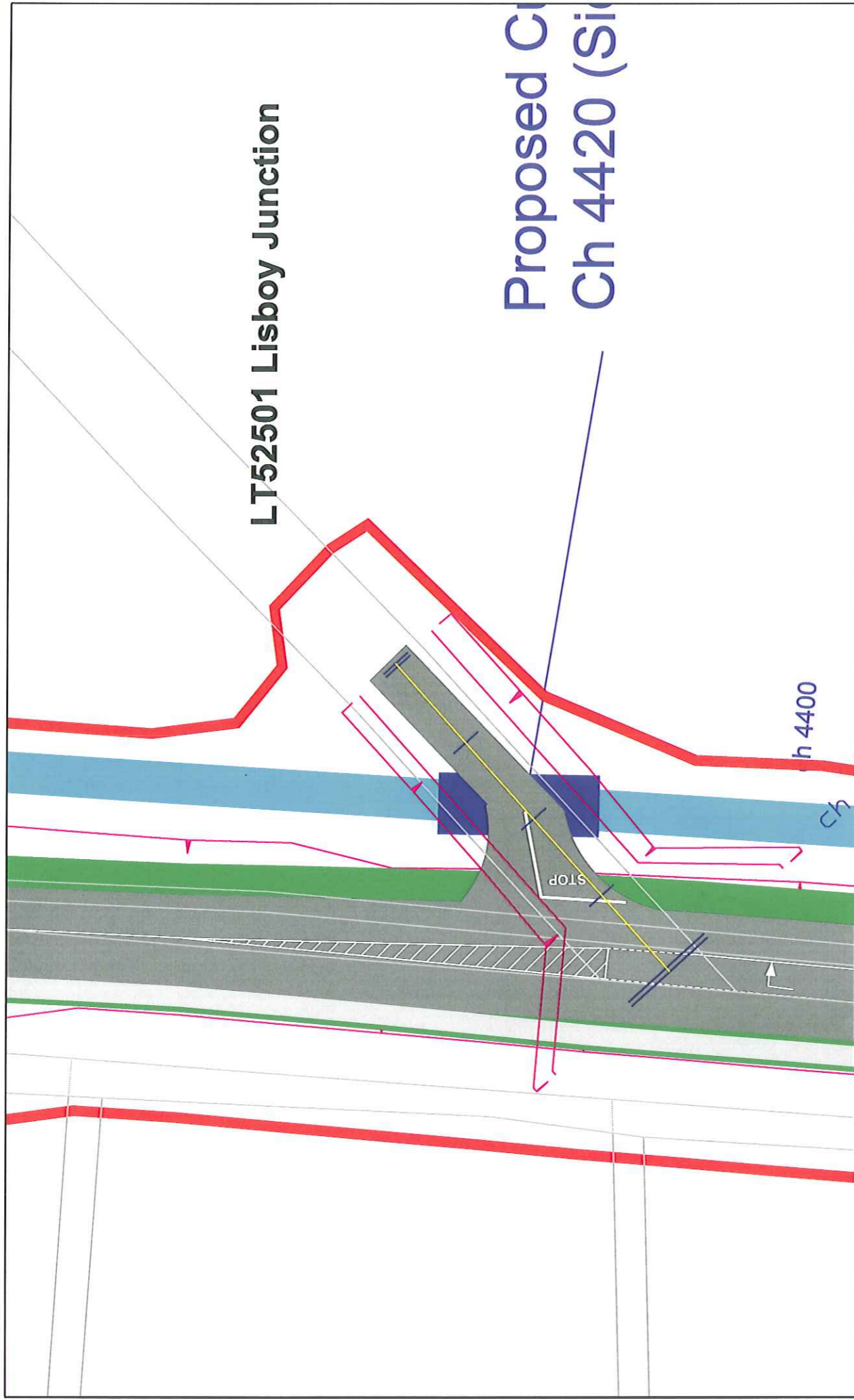


Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracrin

Title
 Sideroad and Access
 Details
 LT11701 Drumgeeny
 Road, Ch 3690

A/ Director of Services	Damian Treanor	
Drawn	RNAL	Date 7 July 2011
Traced		Scales
Surveyed		Plan: 1:500 Vertical: Not To Scale
Checked		© AJ


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	0.500	10.000	20.000	30.000	40.000
Datum 60.	62.950	62.756	62.689	62.749	62.817
Proposed	62.819	62.632	62.640	62.705	62.804
Existing	62.841	62.632	62.640	62.705	62.804
ALCI Chainage	0.000	10.000	20.000	30.000	40.000
Horizontal Alignment					
Vertical Alignment					

$P = -2.000\%$ $L = 15$ $P = 0.660\%$
 $S_{pk} = 0.5$

Title = LT52501 Lisboy Junction
 From alignment file LT52501
 Plotted on Tue 3-MAY-2011 12:46:20

Vertical Alignment ch 0.000
 for the 12: Cway Centre

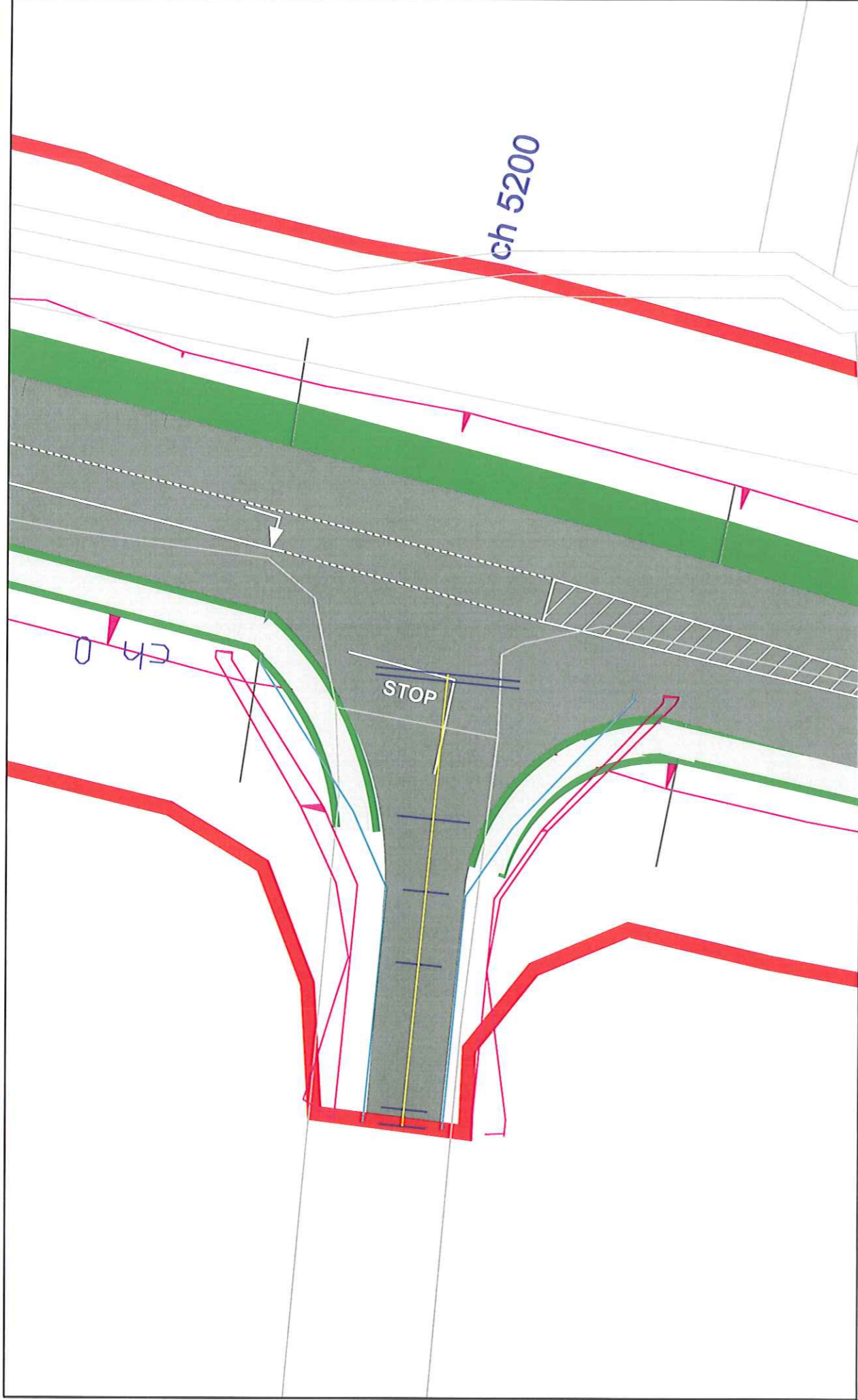


Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracrin

Title
 Sideroad and Access
 Details
 LT52501 Lisboy Road,
 Ch 4425

A/Directory of Services		Damien Treanor	
Drawn	RNAI	Date	7 July 2011
Traced		Scales	
Surveyed		Plan: 1:500	
Checked		Vertical: Not To Scale	


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Sheet 1 V11.38

Datum 55.					
Proposed	58.732	58.727	30.000		$g = -0.387\%$
Existing	58.705	58.703	20.000		$L = 45$
	58.624	58.774	15.000		
	58.176	58.820	10.000		
AICI Chainage	0.500	58.669	0.500		$g = -2.00\%$
Horizontal Alignment	58.705	59.090	0.000		
Vertical Alignment	58.378	58.693	10.000		
	58.378	58.693	10.000		
	58.176	58.820	15.000		
	58.624	58.774	20.000		
	58.705	58.727	30.000		

Title = LP01170 Tydavnet Junction
 From alignment file LP01170.A01
 Plotted on Tue 3-MAY-2011 14:46:54

Vertical Alignment ch 0.000
 for the 12: Cway Centre



Project
 N2 Monaghan to Emyvale
 Road Improvements
 Coolkill East to Corracrin

Title
 Sideroad and Access
 Details
 LP01170 Tydavnet Road,
 Ch 5200

A/ Director of Services	Damien Treanor	
Drawn	RNAL	Date
Traced		7 July 2011
Surveyed		Scales
Checked		Plan: 1:500
		Vertical: Not To Scale
		© AS

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