

ROAD DESIGN PRESENTATION STANDARDS

DP015 - CROSS SECTION

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DEPARTMENT OF
PLANNING, TRANSPORT
AND INFRASTRUCTURE



Government of South Australia
Department of Planning,
Transport and Infrastructure

Document Amendment Record

Rev	Change Description	Date	Author	Checked	Authorised
1	Initial Issue	29 July 2009	Anthony Crotty	Natasha Stone	Noel O'Callaghan
2	General review of text and example drawings	17 March 2010	John Hastie Alison Freer		Noel O'Callaghan
3	General review of text and example drawings	23 December 2011	Natasha Stone Alison Freer	Jeremy Champion	Noel O'Callaghan
4	General review of example drawings	12 July 2012	Natasha Stone	Jeremy Champion	Noel O'Callaghan
5	Legend added to drawings Change in 'symbols to be shown' clause	01 July 2015	John Hastie	Natasha Stone	Jeff Lane

Document Management

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To be read in conjunction with CAD Manual & Presentation Guidelines DP001
(Master Specification PC-EDM7)

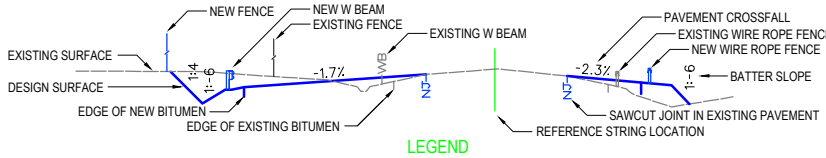
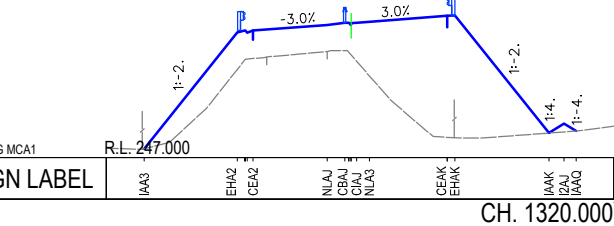
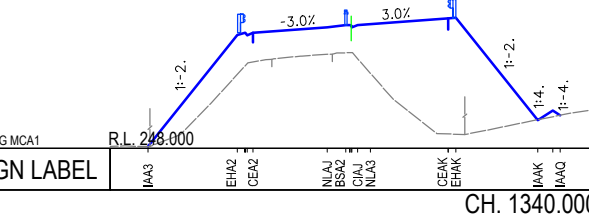
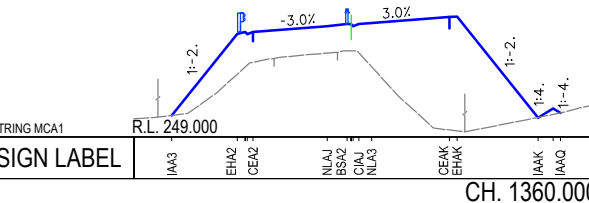
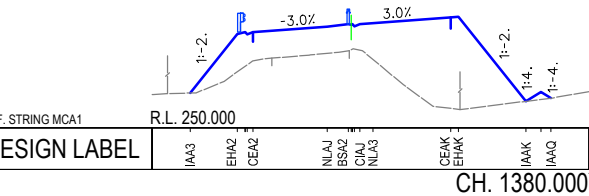
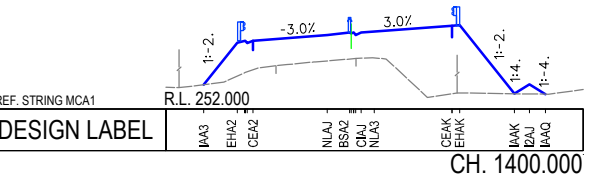
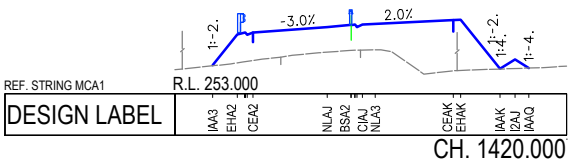
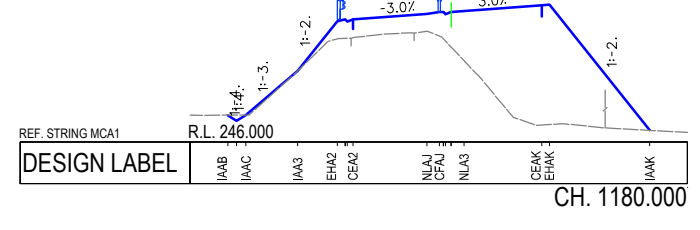
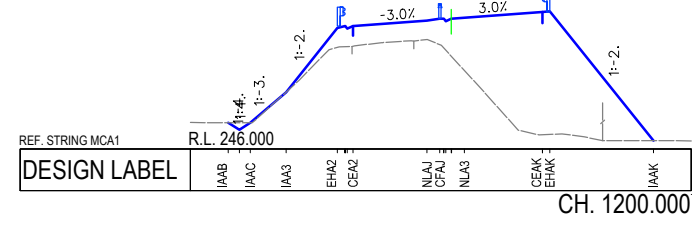
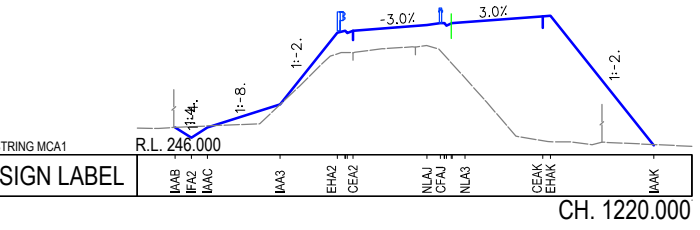
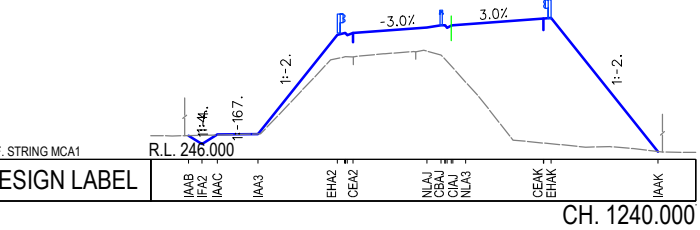
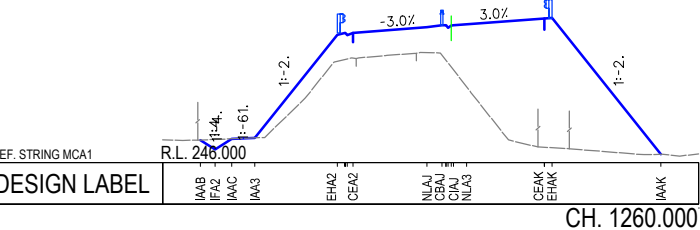
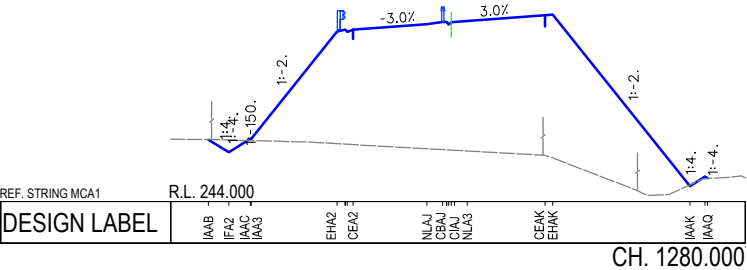
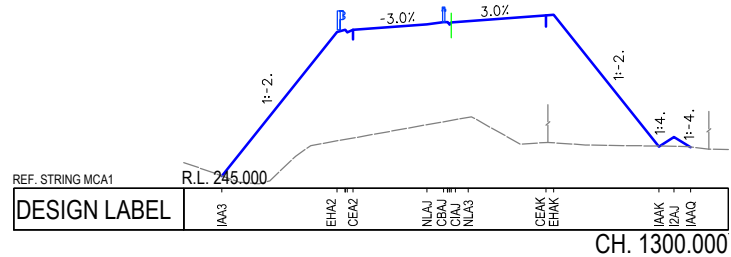
DP015 CROSS SECTION

1 Purpose

- 1.1 The 'Cross Section' drawing is used to show the vertical relationship between the designed and existing surfaces.
- 1.2 For examples of this standard see attached drawings.
- 1.3 The details listed below can be arranged on the General Construction drawing provided they do not cause the drawing to become congested.

2 Content

- 2.1 Layers to be shown as per the DPTI Layer Matrix (DP001)
- 2.2 The following CAD entities are required:
 - a) All information in DP 001 - General Requirements.
- 2.3 Lines shall be shown indicating the following:
 - a) Existing & design surfaces.
 - b) Reference String.
 - c) Other surfaces or design strings may be shown at the discretion of the designer
 - d) Datum Level.
 - e) Extents of existing seal.
 - f) Reference String.
 - g) Carriageway cross-fall. (%)
 - h) Batter-slopes. (V:H)
 - i) Chainages
- 2.4 Symbols shall be shown identifying the following:
 - a) 'CE' string location and 'NJ' string location. (if sub-grade surface not shown)
 - b) Existing and new fences.
 - c) Existing and new safety barriers.
- 2.5 Text may be shown identifying the following:
 - a) Cut string label.
 - b) Design offset
 - c) Existing & design surface levels

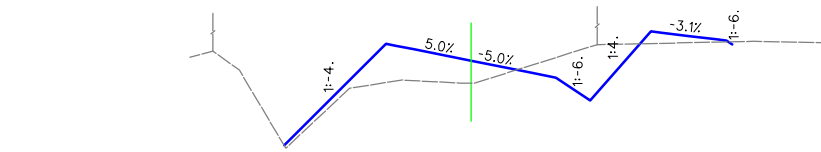


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PROJECT END ROAD RUNNING DISTANCE: MCA1; CH 4560 = 59.45 km	
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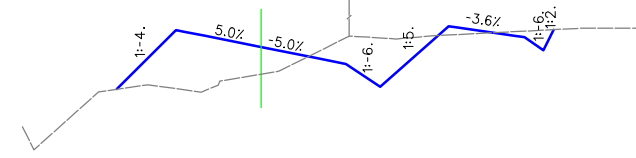
ROAD No. 7200
STURT HIGHWAY
SEPPELTSFIELD ROAD - GREENOCK ROAD
MCA1; CH 1180 - CH 1420
CROSS SECTIONS

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CHECKED: DSNE	CHECKED: NKS	TITLE: MANAGER DATE: 30/02/2010	IN ACCORDANCE WITH DP013	UNCONTROLLED COPY WHEN PRINTED		

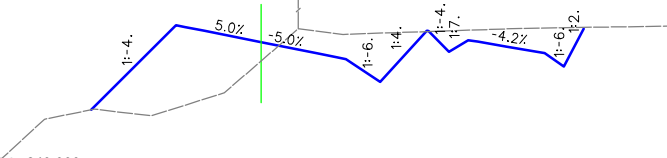
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3	LEGEND AND COORDINATES ADDED	JH	NKS	J.LANE	17.15
2	CROSS SECTIONS UPDATED	NKS	JH	J.LANE	21.5.12
1	GENERAL REVIEW OF DRAWING	AEF	NKS	J.LANE	23.12.11



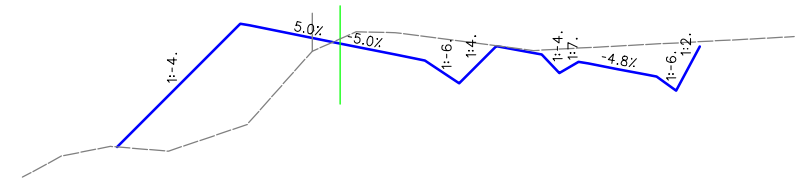
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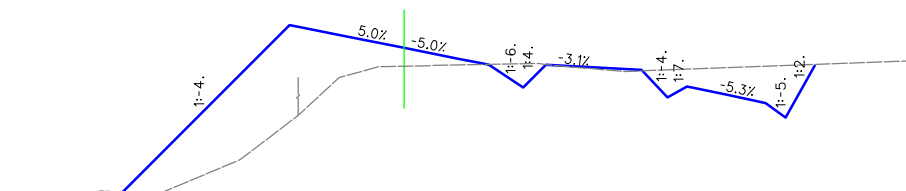
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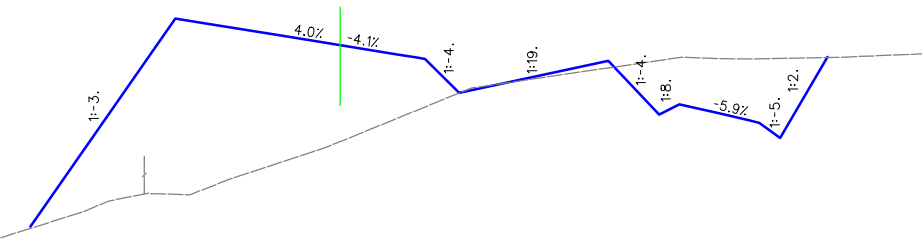
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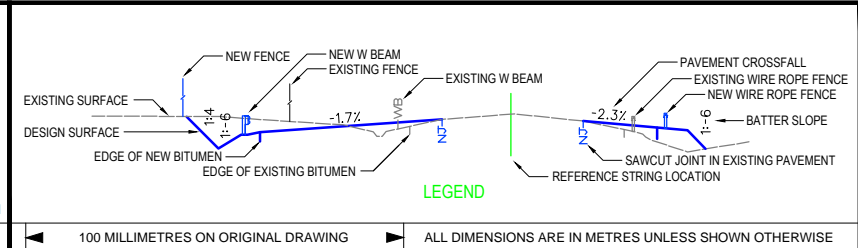


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3	LEGEND AND COORDINATES ADDED	JH	NKS	J.LANE	23.5.15
2	CROSS SECTIONS UPDATED	NKS	JH	J.LANE	21.5.12
1	GENERAL REVIEW OF DRAWING	AEF	NKS	J.LANE	23.12.11



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PROJECT END ROAD RUNNING DISTANCE: MCA1; CH 4560 = 59.45 km

SCALES:
H 4 0 2 4 6 8
V 2 0 1 2 3 4

ROAD No. 7200 STURT HIGHWAY
SEPELTSFIELD ROAD - GREENOCK ROAD
MCM1; CH 330 - CH 380
CROSS SECTIONS

DESIGNED: ANC	DRAFTED: AEF	ACCEPTED FOR USE: A.SMITH	ACCEPTANCE FORM KNET No.: 12345678	DRAWING No.: 5933	SHEET No.: 833	AMEND No.: 3
CHECKED: DSNE	CHECKED: NKS	TITLE: MANAGER	DATE: 30/02/2010	UNCONTROLLED COPY WHEN PRINTED		

SHEET LATITUDE -34.46699 SHEET LONGITUDE 138.93229

CAD FILE NAME: DPOIS EXAMPLE 2.DWG

