

# Technical Drawings for Roadworks

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### 1. Purpose

This document provides an index of available Technical Drawings for Roadworks, including Guideline Drawings and Standard Drawings. Technical Drawings are provided to support the project design and delivery stages and must be read in conjunction with relevant standards or guidelines.

#### Guideline drawings

Guideline Drawings provide guidance for the design of roads. These drawings support the Road Design Supplements, and often require site-specific customisation. Guideline Drawings are intended to help visualise situations with multiple design elements and should be used to assist the designer in selecting the appropriate dimensions of the design. These drawings do not provide construction details.

Guideline drawings only apply to a range of circumstances and must be used in conjunction with VicRoads publications. It is recommended that guideline drawings are redrawn when site specific customisation is required.

#### Standard drawings

Standard Drawings provide construction details for elements of design commonly used across Victoria. These drawings are highly repeatable and require very little site-specific customisation. They should be specified in the design/contract when and where they are suitable for use.

Standard drawings form part of the tender documents for contracts let by DoT and should be used for construction and installation, where product-specific guidance is not available.

#### Document availability

Technical Drawings for Roadworks are available for free on the VicRoads website and can be searched on the Technical Documents Search page. Refer the following locations:

- <https://www.vicroads.vic.gov.au/business-and-industry/technical-publications/technical-publications-search>
- <https://www.vicroads.vic.gov.au/business-and-industry/technical-publications/road-design>
- <https://www.vicroads.vic.gov.au/business-and-industry/technical-publications/technical-drawings-for-roadworks>

Although this publication is believed to be correct at the time of printing, the Department does not accept responsibility for any consequences arising from the information contained in it. People using the information should apply, and rely upon, their own skill and judgement to the specific issue which they are considering.

These drawings will be reviewed periodically and amended as found necessary. If you have any questions regarding the Technical Drawings for Roadworks, please contact us via email at [safesystemengineering@roads.vic.gov.au](mailto:safesystemengineering@roads.vic.gov.au).

## 2. Guideline Drawings

<b>AGRD Part 4</b>				
<b>Drawing No.</b>	<b>Issue No.</b>	<b>Title</b>	<b>Date Last Updated</b>	<b>Comments</b>
GD4010	<b>NEW</b>	Typical Access to Rural Properties	07/2020	Supersedes SD2064, SD2065, SD2066 Consolidate similar drawings for clarity Update details to suit current standards
<b>AGRD Part 6</b>				
<b>Drawing No.</b>	<b>Issue No.</b>	<b>Title</b>	<b>Date Last Updated</b>	<b>Comments</b>
GD6000	<b>NEW</b>	Safety Barrier Terminology, Shorthand and General Requirements	07/2020	Supersedes SD3500 Editorial amendments made for clarity and usability
GD6101	<b>TBD</b>	Safety Barrier Offsets – Clearances to Traffic Lane and Kerb	TBD	In development
GD6111	<b>NEW</b>	Safety Barrier Length of Need – Line A	07/2020	Supersedes SD3511 Simplified for clarity
GD6112	<b>NEW</b>	Safety Barrier Length of Need – Line B	07/2020	Supersedes SD3521 Simplified for clarity
GD6211	<b>NEW</b>	GREAT Terminals – Run Out Area Details	07/2020	Supersedes SD3545 and SD3571 Consolidate similar drawings for clarity Update details to suit current standards
GD6221	<b>NEW</b>	Wire Rope Safety Barrier Terminal - Run Out Area Details	07/2020	Supersedes SD3573 Update details to suit current standards
GD6311	<b>NEW</b>	Verge Approach Transitions – WRSB to Guard Fence/Concrete Barrier	07/2020	Supersedes SD4303 Consolidate similar drawings for clarity New details to suit current standards
GD6312	<b>NEW</b>	Verge Approach Transitions – Concrete Barrier to WRSB/Guard Fence	07/2020	Supersedes SD4071 and SD4303 Update details to suit current standards for specific application
GD6313	<b>NEW</b>	Median Transitions – WRSB to Guard Fence/Concrete Barrier	07/2020	Supersedes SD4303 New details to suit current standards for specific application
GD6314	<b>NEW</b>	Verge Departure Transitions – Concrete Barrier to Guard Fence/WRSB	07/2020	Supersedes SD4303 New details to suit current standards for specific application

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### 3. Standard Drawings

#### PITS

Drawing No.	Issue No.	Title	Date Last Updated	Comments
SD1001	C	Pit Dimensioning and Setting Out Details	01/08/02	Reference to SD2002 shall be amended to SD2100 &/or SD2103
SD1002	B	Pit and Pipe Invert Levels	01/08/02	Note 3: Reference to RDN 9-6A shall be amended to RDN 5-01.
SD1011	D	Unhaunched Pits	01/07/05	
SD1021	C	Haunched Pits	01/07/05	
SD1022	A	Double Haunched Pit Type A	01/07/05	
SD1023	A	Double Haunched Pit Type B	01/07/05	
SD1041	C	Step Irons	01/07/05	
SD1051	D	Pit Covers	01/09/10	
SD1061	C	Lintels	01/07/05	
SD1101	B	Inlet Catch Pit (Type 1) - Pipe Culverts 300 to 600 Dia.	01/02/98	
SD1102	A	Inlet Catch Pit (Type 2) - Pipe Culverts 300 to 600 Dia	01/02/98	
SD1111	C	Inlet Catch Pit (Type 1) - Box Culverts 150 to 300 High	01/07/05	
SD1112	B	Inlet Catch Pit (Type 2) - Box Culverts 150 to 300 High	01/07/05	
SD1121	C	Junction Pit - Concrete Cover	01/07/05	
SD1131	C	Junction Pit - Cast Iron Cover	01/07/05	
SD1141	C	End Entry Pit	01/07/05	
SD1231	C	Side Entry Pit (CD2 Channel) - One Metre Inlet	01/07/05	
SD1271	C	Side Entry Pit (SM Kerb) Cast Iron Cover - One Metre Inlet	01/07/05	
SD1272	C	Side Entry Pit (B Type Kerb) Cast Iron Cover - One Metre Inlet	01/07/05	
SD1281	C	Side Entry Pit (SM Kerb) Cast Iron Cover in Road - One Metre Inlet	01/07/05	
SD1282	C	Side Entry Pit (B Type Kerb) Cast Iron Cover in Road - One Metre Inlet	01/07/05	
SD1291	C	Side Entry Pit (SM Kerb) Cast Iron Cover in Road - 1.5 Metre Inlet	01/07/05	
SD1301	C	Side Entry Pit Concrete Cover - One Metre Inlet	01/07/05	
SD1311	C	Side Entry Pit (SM Kerb) Concrete Cover - 1.5 Metre Inlet	01/07/05	
SD1321	E	Grated Side Entry Pit (SM Kerb) - One Metre Inlet	01/07/05	
SD1322	E	Grated Side Entry Pit (B Type Kerb) - One Metre Inlet	01/07/05	
SD1401	C	Grated Pit - Footways	01/08/02	

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SD1411	F	Grated Pit - Depressed Steel Grate	01/07/05	
SD1421	D	Grated Pit - Concrete Grate	01/07/05	
SD1431	E	Grated Pit - Flush Steel Grate	01/8/02	
SD1441	C	Grated Pit - Open-Graded Asphalt Surface	01/08/02	
SD1501	C	Grated Trench	01/07/05	
SD1511	B	Installation Conditions - Rigid Pipes	01/07/05	
SD1521	A	Catch Drain - Type A	16/09/94	
SD1531	B	Catch Drain - Type B	01/10/99	

### SUBSURFACE DRAINS

<i>Drawing No.</i>	<i>Issue No.</i>	<i>Title</i>	<i>Date Last Updated</i>	<i>Comments</i>
SD1601	D	Subsurface Drain - Types	01/08/02	
SD1611	D	Subsurface Drain - Pits	01/09/10	
SD1621	D	Subsurface Drain - Location	01/07/05	
SD1622	B	Pavement Drain - Alternative Methods	01/08/02	
SD1631	E	Pavement Drain - Terminals	01/07/05	Note 10: Reference to Technical Bulletin No. 32 shall be amended to AGPT Part 10
SD1641	A	Pavement Drain - Alternative Arrangements	01/07/95	

### CULVERTS

<i>Drawing No.</i>	<i>Issue No.</i>	<i>Title</i>	<i>Date Last Updated</i>	<i>Comments</i>
SD1700		Culvert Inlet and Outlet Structures - Selection Guide	01/02/95	
SD1701	B	Drop Inlet - Type 1	01/02/98	Reference to AS1304 shall be amended to AS/NZS4671
SD1801	A	Grouted Masonry Endwall	01/02/95	
SD1811	B	Mass Concrete Endwall - Pipe Culverts 300 to 525 Dia	01/02/98	Note 4: Reference to SD1812 shall be deleted
SD1821	B	Mass Concrete Endwall - Pipe Culverts 600 to 900 Dia	01/02/98	Note 5: Reference to SD1822 shall be deleted
SD1831	B	Mass Concrete Endwall - Box Culverts 225 to 450 High	01/02/98	Note 5: Reference to SD1832 shall be deleted
SD1841	C	Mass Concrete Wingwall Types 1, 2 & 3 - Box Culverts 450 to 900 High	01/07/05	
SD1842		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Box Culverts 450 to 900 High	01/02/95	
SD1851	C	Mass Concrete Wingwall Types 1, 2 & 3 - Pipe Culverts 300 to 525 Dia	01/07/05	
SD1852		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Pipe Culverts 300 to 525 Dia	01/02/95	
SD1861	C	Mass Concrete Wingwall Types 1, 2 & 3 - Pipe Culverts 600 to 2100 Dia	01/07/05	
SD1862		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Pipe Culverts 600 to 2100 Dia	01/02/95	
SD1881	C	Mass Concrete Wingwall Types 1, 2 & 3 - Skew Pipe Culverts 600 to 1200 Dia	01/07/05	

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SD1882		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Pipe Culverts 600 to 1200 Dia	01/02/95	
SD1891	C	Mass Concrete Wingwall Types 1, 2 & 3 - Skew Pipe Culverts 1350 to 2100 Dia	01/07/05	
SD1892		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Pipe Culverts 1350 to 2100 Dia	01/02/95	
SD1901	C	Mass Concrete Wingwall Types 1, 2 & 3 - Skew Multiple Pipe Culverts 600 to 1200 Dia	01/07/05	
SD1902		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Multiple Pipe Culverts 600 to 1200 Dia	01/02/95	
SD1911	C	Mass Concrete Wingwall Types 1, 2 & 3 - Skew Multiple Pipe Culverts 1350 to 2100 Dia	01/07/05	
SD1912		Mass Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Multiple Pipe Culverts 1350 to 2100 Dia	01/02/95	
SD1921	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Pipe Culverts 300 to 525 Dia	01/07/05	
SD1922		Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Pipe Culverts 300 to 525 Dia	01/02/95	
SD1931	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Pipe Culverts 600 to 2100 Dia	01/07/05	
SD1932		Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Pipe Culverts 600 to 2100 Dia	01/02/95	
SD1941	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Skew Pipe Culverts 600 to 2100 Dia	01/07/05	
SD1942		Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Pipe Culverts 600 to 2100 Dia,	01/02/95	
SD1951	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Skew Multiple Pipe Culverts 600 to 1200 Dia	01/07/05	
SD1952		Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Multiple Pipe Culverts 600 to 1200 Dia	01/02/95	
SD1961	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Skew Multiple Pipe Culverts 1350 to 2100 Dia	01/07/05	
SD1962		Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Skew Multiple Pipe Culverts 1350 to 2100 Dia	01/02/95	
SD1971	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Box Culverts 225 to 450 High	01/07/05	
SD1972	A	Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Box Culverts 225 to 450 High	01/07/05	
SD1981	C	Reinforced Concrete Wingwall Types 1, 2 & 3 - Box Culverts 600 to 900 High	01/07/05	
SD1982		Reinforced Concrete Wingwall (Quantities) Types 1, 2 & 3 - Box Culverts 600 to 900 High	01/02/95	
SD1991	A	Driveable Culvert Endwalls Type 1 - Pipe Culverts Up To 600 mm Dia. and Box Culverts up to 600 mm Wide	01/02/98	

SD1992	A	Driveable Culvert Endwalls Type 2 - Pipe Culverts Up To 600 mm Dia. and Box Culverts up to 600 mm Wide	01/02/98	
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### KERBS

Drawing No.	Issue No.	Title	Date Last Updated	Comments
SD2001	E	Barrier, Semi-Mountable & Mountable	30/06/12	
SD2002	B	WITHDRAWN	30/06/12	
SD2003		Separation Barrier Kerbs for separation between general traffic and tram corridors	12/04/19	
SD2011	B	WITHDRAWN	30/06/12	
SD2012	B	WITHDRAWN	30/06/12	
SD2021	A	WITHDRAWN	30/06/12	
SD2063	A	Residential Cul-De-Sac 5.0m Car & 8.8m Service Vehicle	30/06/12	
SD2100		Concrete Spiked Kerb & Edge Strip	30/06/12	
SD2101		SM & CD4 Kerb Terminal Approach & Departure	30/06/12	
SD2102		Kerb Transitions	30/06/12	
SD2103		Channels & Spoon Drain	30/06/12	

### ACCESS & STOPPING BAYS

Drawing No.	Issue No.	Title	Date Last Updated	Comments
SD2051	B	Kerb Outlet & Beaching Detail	30/06/12	
SD2063	A	Residential Cul-De-Sac 5.0m Car & 8.8m Service Vehicle	30/06/12	
SD2064	A	<del>SUPERSEDED</del> - Truck Access to Rural Properties – Type A	07/2020	Superseded by GD4010
SD2065	A	<del>SUPERSEDED</del> - Truck Access to Rural Properties – Type B	07/2020	Superseded by GD4010
SD2066	A	<del>SUPERSEDED</del> - Typical Rural Driveway Access to Residential Properties – Type C	07/2020	Superseded by GD4010
SD2071	B	Indented Bus Bay	30/06/12	
SD2081	A	Emergency Median Crossing (Freeway)	30/06/12	
SD2091	B	Indented Help Phone Bay	30/06/12	

### POSTS AND FENCES

Drawing No.	Issue No.	Title	Date Last Updated	Comments
SD3001	C	Guide Posts	01/07/95	
SD3101	A	Fence (Type A) - A1 & A2 Post and Wire	01/07/95	
SD3102		Fence (Type A) - Cattle Fence Post and Wire	01/08/02	
SD3103		Heavy Duty Stock Proof Fence	01/08/02	
SD3111	A	Fence (Type B) - B1 & B2 Post and Wire	01/07/95	
SD3112		Fence (Type B) - Sheep Fence Post and Wire	01/08/02	
SD3121	A	Fence (Type H) - H1 & H2 Wire Mesh	01/07/95	
SD3122		Fence (Type H) - Row 1 Wire Mesh	01/07/95	

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SD3131	B	Fence (Type K) - Chain Wire Mesh	30/07/13	
SD3143	A	Fence - Welded Mesh	01/07/95	
SD3151	A	Fence - Double Strainer Assembly	01/07/95	
SD3161	A	Fence - Posts and Stays	01/07/95	
SD3171	A	Electrical Insulation of Fences – Insulation Details	01/07/95	
SD3181		WITHDRAWN		
SD3301	C	WITHDRAWN		
SD3302	A	WITHDRAWN		

## ROAD SAFETY BARRIERS

Drawing No.	Issue No.	Title	Date Last Updated	Comments
SD3500	A	<i>SUPERSEDED</i> - Terminology, shorthand and general requirements	07/2020	Superseded by GD6000
SD3501	H	<i>WITHDRAWN</i> - Guard Fence - Location Procedure	07/2020	<i>Procedure is no longer current. Refer Supplement to Austroads Guide to Road Design Part 6.</i>
SD3502	D	Guard Fence and Wire Rope Safety Barrier Offset Guidelines	05/2014	
SD3503	A	Concrete maintenance strip for guard fence and wire rope safety barrier	09/02/17	
SD3511	I	<i>SUPERSEDED</i> - Safety Barrier (Line A) - Alignment Details	07/2020	Superseded by GD6111
SD3521	H	Safety Barrier (Line B) - Alignment Details	07/2020	Superseded by GD6112
SD3531	F	<i>WITHDRAWN</i>	08/05/14	
SD3541	H	<i>WITHDRAWN</i>	08/05/14	
SD3542	F	<i>WITHDRAWN</i>	08/05/14	
SD3543	E	<i>WITHDRAWN</i>	08/05/14	
SD3544	B	Trailing Terminal General Arrangement	10/2015	
SD3545	C	<i>SUPERSEDED</i> - Gating Redirective Energy Absorbing Terminal Runout Area Details	07/2020	Superseded by GD6211
SD3551	C	<i>WITHDRAWN</i>	08/05/14	
SD3561	E	<i>WITHDRAWN</i>	08/05/14	
SD3562	B	Trailing Terminal Component Details	01/2016	
SD3571	D	<i>SUPERSEDED</i> - Safety Barrier - Runout Area Grading Details	07/2020	Superseded by GD6211
SD3573	C	<i>SUPERSEDED</i> - Wire Rope Safety Barrier Terminal - Runout Area Details	07/2020	Superseded by GD6221
SD3611	D	<i>WITHDRAWN</i>	01/09/10	
SD3621	D	<i>WITHDRAWN</i>	01/09/10	
SD3661	I	Guard Fence (Type B) - Steel Post	08/05/14	
SD3671	E	Guard Fence (Type D) - Steel Post	05/03/12	
SD3901	H	Concrete Barriers - F Shape Profile	10/04/19	
SD3902	A	Concrete Barriers - F Shape Installation	10/04/19	
SD3903	A	Concrete Barriers - F Shape Manufacture - Precast	10/04/19	

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SD3904	A	Concrete Barriers - F Shape Connection – Pin and Loop	10/04/19	
SD3905	A	Concrete Barriers - Delineator	10/04/19	
SD4071	E	<i>SUPERSEDED</i> - Guard Fence - Layouts for Bridge Approaches	07/2020	Superseded by GD6311
SD4081	G	Guard Fence - Bridge Approaches (Long End Post)	05/03/12	
SD4082	D	Guard Fence - Bridge Approaches (Short End Post)	26/03/12	
		Bridge Drawing 181347 Standard Bridge Component End Post Guard Rail Connection Plate	08/05/09	Refer to SD4082D
SD4083	C	Cattle Underpass - Road Cross Section and Guard Fence Treatment	06/14	
SD4084	C	Guard Fence Transition Bridge Approaches - Guard Fence to Existing End Post	05/03/12	
SD4091	B	Guard Fence - Treatment at Intersections near Bridges - General Layout	05/03/12	
SD4092	B	Guard Fence - Treatment at Intersections near Bridges Special Layout Using 4m Curved Rail	05/03/12	
SD4093	C	Guard Fence - Treatment at Intersections near Bridges (Special Terminal Details)	05/03/12	
SD4094		Guard Fence - Treatment at Intersections near Bridges (Post Cap and Auxiliary Anchor Assembly)	01/02/98	
SD4201		High Profile Barrier Kerb - Midwest Barrier Kerb	05/08/15	
SD4202		High Profile Barrier Kerb – Midwest Barrier Kerb Transition	05/08/15	
SD4301	D	<i>WITHDRAWN</i>	08/05/14	
SD4302	D	Emergency Median Crossing with WRSB	08/05/14	
SD4303	C	<i>SUPERSEDED</i> - Layout for WRSB Match Existing Structures	07/2020	Superseded by GD6311, GD6312, GD6313, GD6314
SD4311	A	<i>WITHDRAWN</i> - Wire Rope Safety Barrier – Location Procedure	07/2020	<i>Procedure is no longer current. Refer Supplement to Austroads Guide to Road Design Part 6.</i>
SD4501	A	<i>WITHDRAWN</i>	10/04/19	
SD4511		<i>WITHDRAWN</i>	10/04/19	
SD4521		<i>WITHDRAWN</i>	10/04/19	
SD4531	A	<i>WITHDRAWN</i>	10/04/19	
SD4541		<i>WITHDRAWN</i>	10/04/19	
SD4551		Construction of Verge Rounding	01/08/02	Note 1: Reference to RDG Part 3 – Table 3.6.4.2 shall be amended to AGRD Part 3 – Table 4.10

## CONCRETE PAVEMENT

Drawing No.	Issue No.	Title	Date Last Updated	Comments
SD5300		Concrete Pavement Details - Selection Guide	01/07/95	

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SD5301	C	Plain Concrete Pavement (PCP) - Transverse Joint & Isolated Reinforcement Detail	01/07/95	
SD5311	B	Jointed Reinforced Concrete Pavement (JRCP) - Transverse Joint Detail	01/07/95	
SD5321	B	Jointed Reinforced Concrete Pavement (JRCP) - Reinforcement & Joint Details	01/07/95	
SD5331	B	Jointed Plain and Reinforced Concrete Pavement (PCP) & (JRCP) - Treatment of Slab Openings	01/07/95	
SD5341	B	Jointed Concrete Pavement - Slab Replacement	01/07/95	
SD5351	C	Jointed Concrete Pavement - Terminal at Bridge Structure	01/07/95	
SD5352		Jointed Concrete Pavement - Slab Anchor and Transverse Junction with Flexible Pavement Details	01/07/95	
SD5361	C	Continuously Reinforced Concrete Pavement (CRCP) - Reinforcement-Tie Bar Arrangement & Traverse Construction Joint Detail	01/07/95	
SD5371	A	Continuously Reinforced Concrete Pavement (CRCP) - Alternative Lap Patterns for Longitudinal Bars	01/07/95	
SD5381	C	Continuously Reinforced Concrete Pavement (CRCP) - Transverse Junction of Concrete and Flexible Pavements	01/07/95	
SD5391	C	Continuously Reinforced Concrete Pavement (CRCP) - Terminal at Bridge Structure	01/07/95	
SD5401	B	Concrete Pavement (All Types) - Expansion Joint Detail	01/07/95	
SD5411	C	Concrete Pavement (All Types) - Longitudinal Tied Joints	01/07/95	
SD5421	C	Concrete Pavement (All Types) - Longitudinal Junction with Flexible Pavement and Traffic Signal Detector Loop Installation	01/07/95	

### MANAGED MOTORWAY

<i>Drawing No.</i>	<i>Issue No.</i>	<i>Title</i>	<i>Date Last Updated</i>	<i>Comments</i>
SD6001		Typical entry Freeway Ramp Signals for two lane metered	15/10/18	
SD6002		Typical entry Freeway Ramp Signals for two lanes metered plus metered priority lane Option P1 (preferred)	15/10/18	
SD6003		Typical entry Freeway Ramp Signals for two lanes metered plus metered priority lane Option P2 (alternative)	15/10/18	
SD6101		Merge layouts for Freeway Ramp Signals three lanes metered	15/10/18	
SD6102		Merge layouts for Freeway Ramp Signals four lane metered	15/10/18	

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SD6201		Typical exit ramp management system layout surface road interchange	15/10/18	
SD6301		Freeway data station typical layout for motorways with no Freeway Ramp Signals	03/06/19	
SD6401		Indicative Freeway Ramp Signal infrastructure locations motorway to motorway interchange	03/06/19	

## 4. Revision History

<b>Rev. No. Date Released</b>	<b>Section/ Update</b>	<b>Description of Revision</b>	<b>Authorised By</b>
Rev 2.0 July 2020	Access & Stopping Bays Road Safety Barriers RDN	Renamed to Technical Drawings for Roadworks Updates to: SD2064, SD2065, SD2066, SD3500, SD3502, SD3511, SD3521, SD3545, SD3571, SD3573, SD4303, SD4311 Addition of: GD4010, GD6000, GD6101, GD6111, GD6112, GD6211, GD6221, GD6311, GD6312, GD6313, GD6314	Manager Safe System Engineering
Rev. 1.8 June 2019	Kerbs Road Safety Barriers RDN Managed Motorway	Addition of: SD2003 Updates to: SD3901, SD3902, SD3903, SD3904, SD3905 Removal of: SD4501, SD4511, SD4521, SD4531, SD4541 Removal of: RDN 06-07, Retaining Walls Section, References Addition of Managed Motorway Standard Drawings: SD6301A, SD6401A Miscellaneous general editing and formatting	Manager Safe System Engineering  Principal Advisor Road Design & Traffic
Rev. 1.7 October 2018	Managed Motorway	Addition of Managed Motorway Section: SD6001A, SD6002A, SD6003A, SD6101A, SD6102A, SD6201A Addition of: RDN 03-08, RDN 03-09, RDN 06-13	Principal Advisor Road Design & Traffic  Manager Safe System Engineering
Rev. 1.6 July 2017	Road Safety Barriers RDN	Addition of: SD4201, SD4202 Updates to: SD3503A, SD3544B, SD3545B, SD3562B Removal/Suspend of: SD3181 Addition of: RDN 03-07, RDN 06-12	Road Standards & Traffic
Rev. 1.5 May 2015	Road Safety Barriers RDN	Addition of: SD3500, SD3503 Updates to: SD3501, SD3502, SD3511, SD3521, SD3544, SD3545, SD3571, SD3573, SD3661, SD4083, SD4302 and SD4311. Removal/Suspend of: SD3531, SD3541, SD3542, SD3443, SD3551, SD3561, and SD4301. Addition of: RDN 06-08, RDN 06-09, RDN 06-10, RDN 06-11 and RDN 06-12. Update to: RDN 03-01, RDN 06-02, RDN 06-04 and RDN 06-05.	Road Standards & Traffic

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Rev. 1.4 August 2013	Guard Fences & Barriers Posts & Fences	Addition SD3545 Updates to SD3131	Manager Road Standards & Traffic
Rev. 1.3 July 2013	Guard Fences & Barriers	Addition SD3544, SD3562-reissued Updates to SD3501, SD3511, SD3521, SD3542, SD3543, SD4083 Update to RDN 05-02, RDN 06-02, RDN 06-04	Manager Road Standards & Traffic
Rev. 1.2 August 2012	Guard Fence Kerbs Various	Updates to SD3541, SD3542, SD3543, SD3561, SD3661, SD3671, SD3901, SD4081, SD4084, SD4091, SD4092, SD4093. Reinstatement and update of SD4082 Inclusion of Bridge Drawing 181347 All reviewed & updated New SD2100, SD2101, SD2102, SD2103 Withdrawal SD2002, SD2011, SD2012, SD2021 and SD2052 New group – Access & Stopping Bays Miscellaneous general editing & corrections	Principal Advisor – Road Design, Traffic & Standards
Rev. 1.1 Sept 2010	Various	Updates, addition (SD2064, SD2065, SD2066, SD2091-reissued) and withdrawal (SD2061, SD2062, SD3611, SD3621, SD4082, SD3181-temporarily) of standard drawings Table of Contents – Addition of notes and references on SDs	Principal Advisor – Road Design, Traffic & Standards
Rev. 1.0 July 2010	All sections	Update of references to RDG, RDNs, layout, general editing and headers and footers	ED – Network & Asset Planning

## Definitions:

- Legacy - Denotes drawings of previous standards that are no longer approved for use on VicRoads projects, but may be required to maintain current infrastructure, or still be used by other road managers.
- Superseded - Denotes drawings that have been replaced by new drawings.
- Withdrawn - Denotes drawings that have been completely removed from circulation.

## Prescribed References:

Any reference to any document or Australian or New Zealand Standard (AS/NZS) refers to the latest version as publicly available on the VicRoads website or other external source.

AGRD – Austroads Guide to Road Design (Parts 1 – 8)

VRS – VicRoads Supplement to the AGRD

GD – VicRoads Guideline Drawings for Roadworks

SD – VicRoads Standard Drawings for Roadworks

VicRoads Standard Specifications for Roadworks and Bridgeworks

RDNs – Road Design Notes

AGPT – Austroads Guide to Pavement Technology (Parts 1 – 10) and VicRoads Supplements

AGAM – Austroads Guide to Asset Management (Parts 1 – 10) and VicRoads Supplements

ITS SD – VicRoads Intelligent Transport Systems Standard Drawing

TEM – VicRoads Traffic Engineering Manual Volumes

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