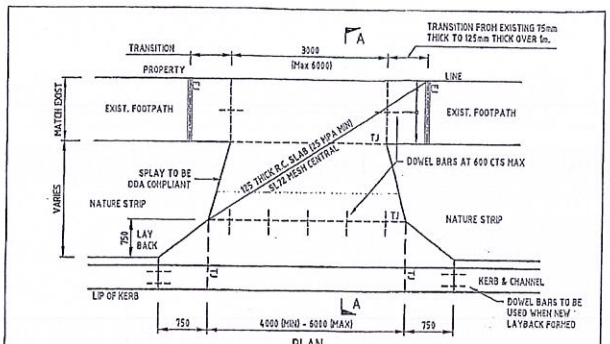
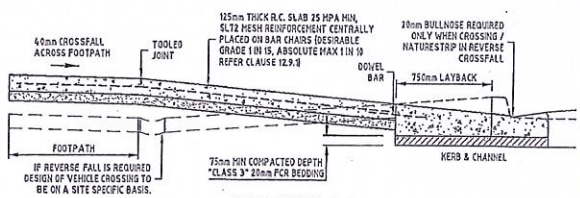


PLAN



CROSS SECTION A-A

LEGEND:

EXPANSION JOINT — EJ

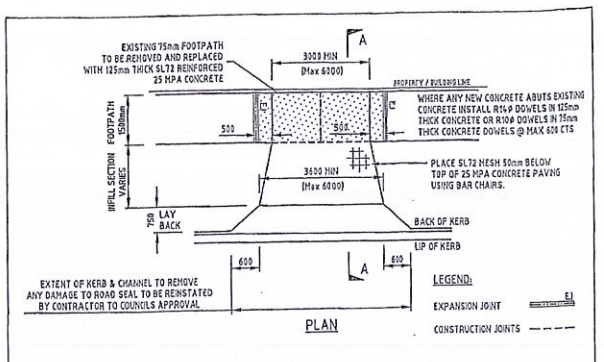
TOOLED JOINTS — TJ

NOTES:

1. CROSS REFERENCES:
   INDUSTRIAL CROSSINGS - SD250
   RURAL CROSSINGS - SD255 / SD260
   IDM - SECTION 12.9.1
2. THIS DRAWING DETAILS DIMENSIONS FOR STANDARD RESIDENTIAL CROSSINGS ONLY.
3. CROSSING WIDTHS EXCEEDING THE MAXIMUM ALLOWABLE WILL REQUIRE APPLICATION FOR SPECIAL CONSIDERATION.
4. JOINTS AND DOWEL BARS ARE REQUIRED ON EITHER SIDE OF THE CROSSING AT THE INTERFACE WITH THE FOOTPATH. PROVISION SHALL BE MADE IN EXISTING CONCRETE SECTIONS BY DRILLING HOLES TO A MINIMUM DEPTH OF 150mm AND INSERTING R12 X 300mm LONG DOWEL BARS.
5. AN APPROVED JOINT FILLER SHALL BE PLACED ON EITHER SIDE OF THE CROSSING AGAINST FOOTPATH SLABS. DOWEL BARS ARE TO HAVE AN APPROVED BOND BREAKER APPLIED TO THE END OF THE BAR INSERTED INTO THE EXISTING CONCRETE FOOTPATH SECTIONS REFER SD220.
6. ADDITIONAL TOOLED JOINT REQUIRED IF DISTANCE FROM BACK OF KERB TO FOOTPATH IS GREATER THAN 3000 AND SHALL BE PLACED AT THE MIDPOINT OF THE DISTANCE.
7. THE MAXIMUM NUMBER OF CROSSINGS, WHERE ANY CROSSING EXCEEDS 3.5 METRES WIDTH, SHALL BE ONE (1) CROSSING WITH THE MAXIMUM WIDTH OF THAT CROSSING TO BE 6.0 METRES. CROSSINGS TO ADJACENT PROPERTIES SHALL BE EITHER FULLY COMBINED, AND OF MAXIMUM WIDTH OF 6.0 METRES, OR ELSE HAVE A MINIMUM SEPARATION OF 9 METRES.
8. FOOTPATHS OF 75mm THICKNESS ARE ACCEPTABLE ONLY WHERE THE LOTS ARE DEVELOPED ALREADY AND THE RISK OF SITE CONSTRUCTION DAMAGE IS NEGLIGIBLE. WHERE GREENFIELD SITES AND FUTURE HOUSING IS STILL TO BE DONE, THEN THE DEPTH OF THE FOOTPATH SHALL BE 125mm THROUGHOUT.

ALL MEASUREMENTS IN MILLIMETRES

IDM Infrastructure design manual	RETROFIT RESIDENTIAL VEHICLE CROSSING DETAIL Infrastructure Design Manual Standard Drawings A copy of the Infrastructure Design Manual can be viewed on the Design Manual website www.designmanual.com.au	LAST UPDATED 30/01/2013 SD 235 NOT TO SCALE

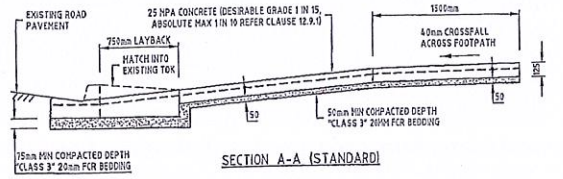


PLAN

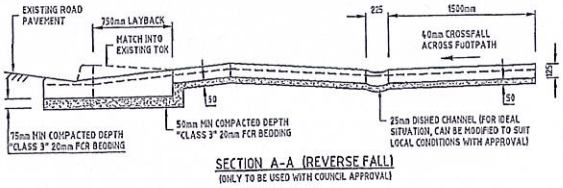
LEGEND:

EXPANSION JOINT — EJ

CONSTRUCTION JOINTS



SECTION A-A (STANDARD)



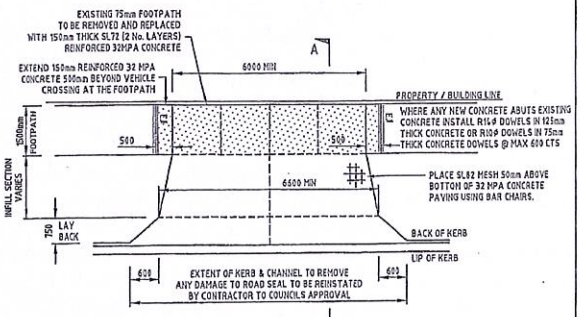
SECTION A-A (REVERSE FALL)
(ONLY TO BE USED WITH COUNCIL APPROVAL)

NOTE:

FOR GRADES STEEPER THAN 1 IN 15 REFER CLAUSE 12.9.1
LAYBACK & CROSSOVER, TO BE CONSTRUCTED IN PLAIN CONCRETE ONLY (NO COLOURED CONCRETE BEYOND PROPERTY BOUNDARY)
T.O.K. DENOTES TOP OF KERB

ALL MEASUREMENTS IN MILLIMETRES

IDM Infrastructure design manual	NEW RESIDENTIAL SINGLE VEHICLE CROSSING DETAIL Infrastructure Design Manual Standard Drawings A copy of the Infrastructure Design Manual can be viewed on the Design Manual website www.designmanual.com.au	LAST UPDATED 04/03/2013 SD 240 NOT TO SCALE

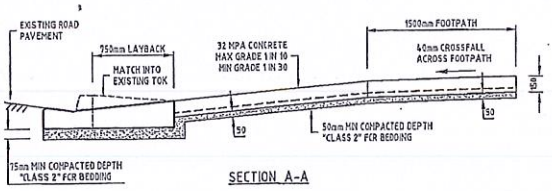


PLAN

LEGEND:

EXPANSION JOINT — EJ

CONSTRUCTION JOINTS

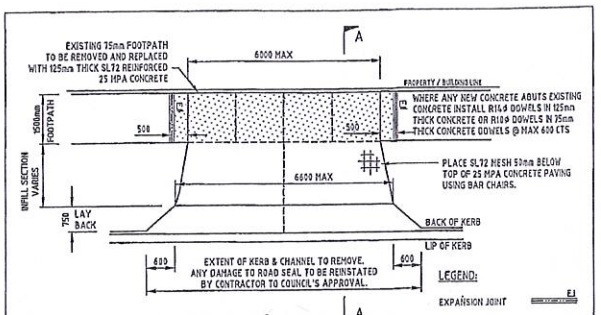


SECTION A-A

NOTE:
T.O.K. DENOTES TOP OF KERB

ALL MEASUREMENTS IN MILLIMETRES

IDM Infrastructure design manual	NEW INDUSTRIAL VEHICLE CROSSING DETAIL Infrastructure Design Manual Standard Drawings A copy of the Infrastructure Design Manual can be viewed on the Design Manual website www.designmanual.com.au	LAST UPDATED 04/03/2013 SD 250 NOT TO SCALE

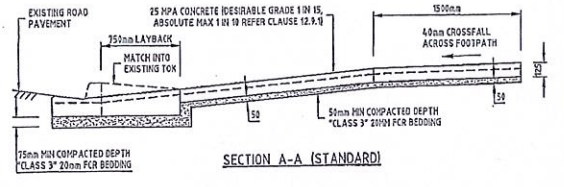


PLAN

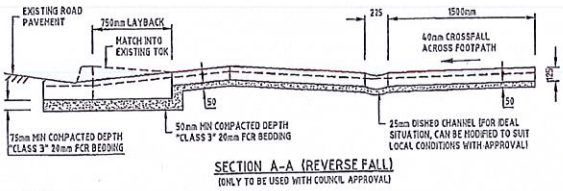
LEGEND:

EXPANSION JOINT — EJ

CONTRACTION JOINTS



SECTION A-A (STANDARD)



SECTION A-A (REVERSE FALL)
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NOTE:

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T.O.K. DENOTES TOP OF KERB

ALL MEASUREMENTS IN MILLIMETRES

IDM Infrastructure design manual	NEW RESIDENTIAL DOUBLE VEHICLE CROSSING DETAIL Infrastructure Design Manual Standard Drawings A copy of the Infrastructure Design Manual can be viewed on the Design Manual website www.designmanual.com.au	LAST UPDATED 04/03/2013 SD 245 NOT TO SCALE