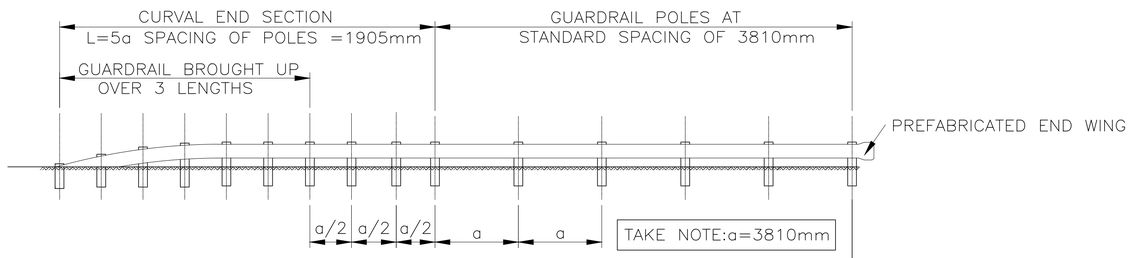
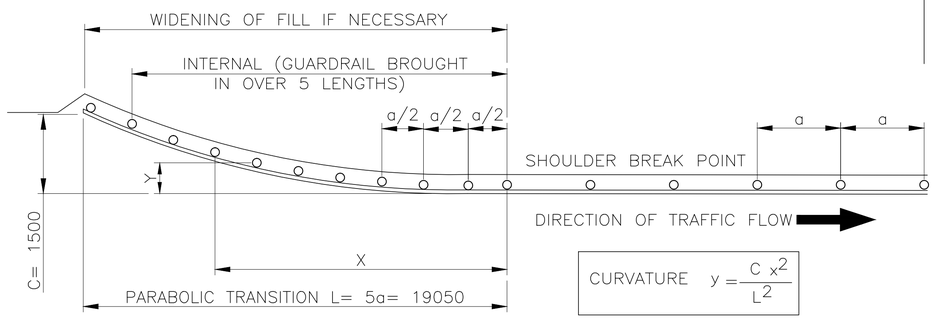
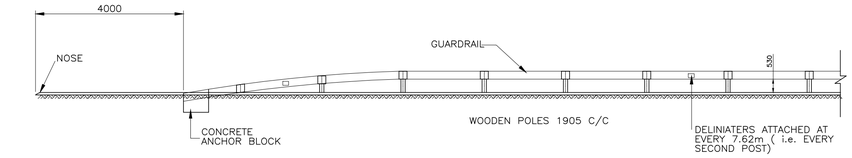
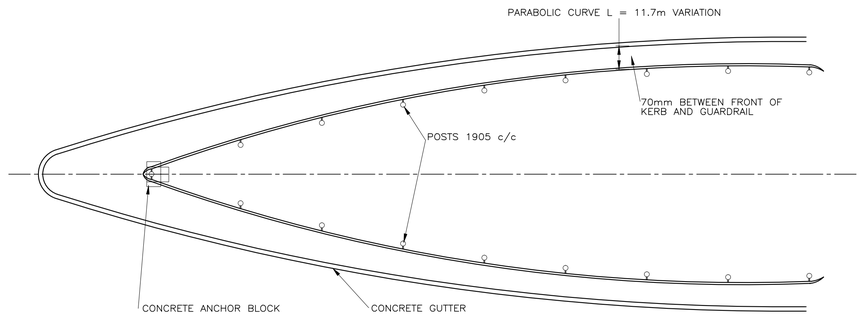


FRONT ELEVATION

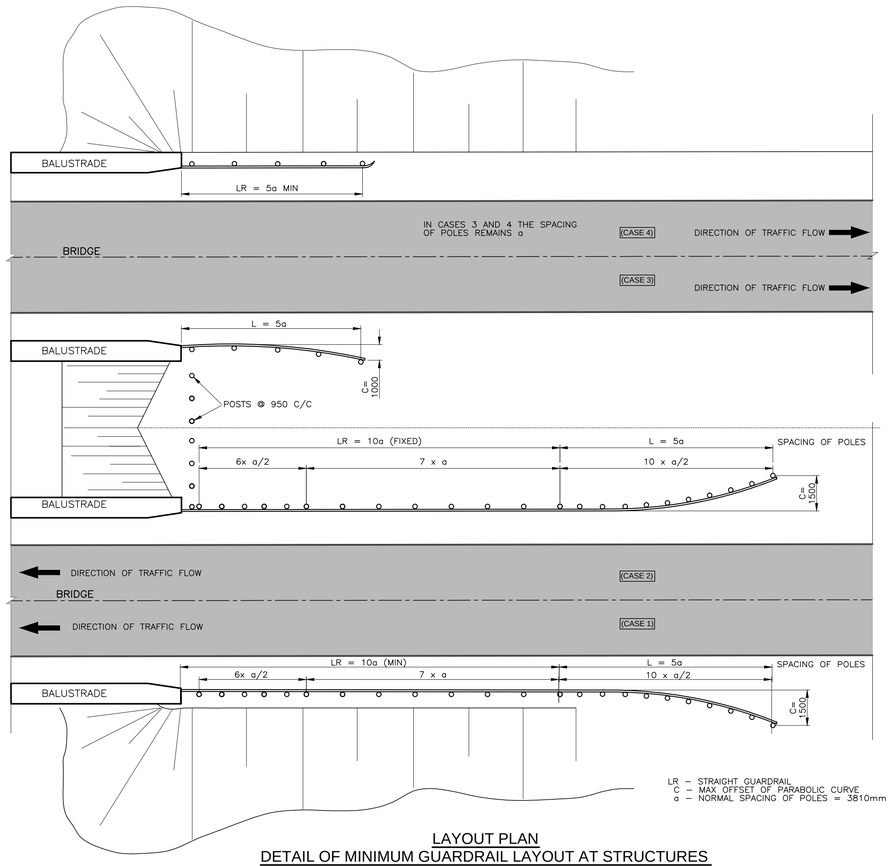




ELEVATION



TYPICAL GUARDRAIL AT NOSE



LR – STRAIGHT GUARDRAIL
C – MAX OFFSET OF PARABOLIC CURVE
a – NORMAL SPACING OF POLES = 3810mm

LAYOUT PLAN
DETAIL OF MINIMUM GUARDRAIL LAYOUT AT STRUCTURES

NOTE

REFER TO NOTES AND
DRAWING STD013 SHEET 1 OF 3

NOTES AND SPECIFICATIONS

AMENDMENTS

NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED
P. VILJOEN Pr.Tech.
SIGNATURE DATE

DRAWN
S. AUDIE

DESIGN CHECKED BY
P. A. ODENDAAL Pr.Eng.
SIGNATURE DATE

INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT
D.J. CHALMERS
SIGNATURE DATE

PROJECT STATUS

○ CONCEPT DRAWING ○ TENDER DRAWING ○ APPROVED FOR CONSTRUCTION DRAWING ○ AS BUILT DRAWING

PROJECT ENGINEER (CONSULTANT)
INITIALS AND SURNAME SIGNATURE AND Pr. No. DATE

INSPECTOR OF WORKS (CITY OF TSHWANE):
INITIALS AND SURNAME SIGNATURE AND Pr. No. DATE

CONSULTANT DETAIL

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

Mr P. I. Letlonkane
STRATEGIC EXECUTIVE DIRECTOR
P.O. BOX 1409
PRETORIA
0001

Ms. L. V. Kegakilwe-Piki
EXECUTIVE DIRECTOR
P.O. BOX 1409
PRETORIA
0001

DRAWING APPROVED BY EXECUTIVE DIRECTOR
Ms. L. V. Kegakilwe-Piki
SIGNATURE: DATE:

LOCATION OF PROJECT:

TYPICAL STANDARD DETAILS

DESCRIPTION OF PROJECT

GUARDRAILS
NOSE DETAIL AND LAYOUT AT STRUCTURES AND HIGH FILLS

ROADS AND STORMWATER
For Internal Approval
RECIEVED
SIGN WHEN APPLICABLE

DIRECTOR: INFRASTRUCTURE PROVISION
SIGNATURE DATE

DIRECTOR: INFRASTRUCTURE CONSTRUCTION (PROJECT) MANAGEMENT
SIGNATURE DATE

DIRECTOR: INFRASTRUCTUREASSET MANAGEMENT
SIGNATURE DATE

DIRECTOR: TRANSPORT INFRASTRUCTURE PLANNING
SIGNATURE DATE

DIRECTOR: INTELLIGENT TRANSPORT SYSTEN AND TRAFFIC ENGINEERING ENGINEERING
SIGNATURE DATE

DIRECTOR: INFRASTRUCTURE MAINTENANCE MANAGEMENT (MM)
SIGNATURE DATE

0 10 20 40 60 80m
SCALE 1:1000

CONTRACT No. :
PROJECT No. :

DATE : MAY 2013
SCALE : AS SHOWN
ORIGINAL PAPER SIZE: A1

DRAWING NO. STD013
SHEET NO: 2 OF3
0 REVISION