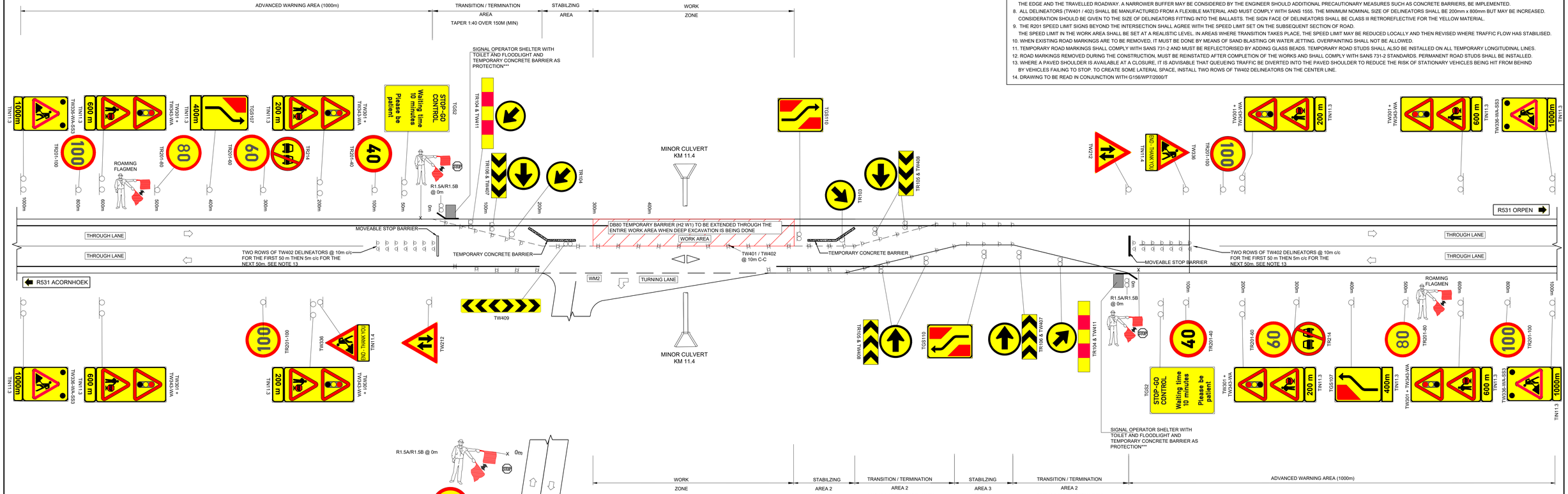
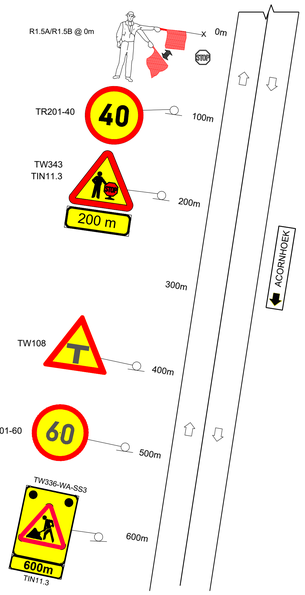
## TRAFFIC ACCOMMODATION NOTES

1. TEMPORARY ROAD SIGN LAYOUTS SHOWN ON THIS DRAWING DEPICT TYPICAL TRAFFIC ACCOMMODATION PROPOSALS.
2. ACTUAL TRAFFIC ACCOMMODATION PROPOSALS TO BE USED ON THE WORKS SHALL BE SUBMITTED TIMEOUSLY FOR THE ENGINEER'S APPROVAL. SUCH PROPOSALS SHALL TAKE DUE CONSIDERATION OF ACTUAL CONDITIONS ON THE ROAD. PARTICULAR ATTENTION MUST BE GIVEN TO ACCESSES AND INTERSECTIONS ON THE ROAD.
3. ALL ROAD SIGNS SHALL COMPLY WITH THE SADC ROAD TRAFFIC SIGNS MANUAL (RTSM), COTO AND THE NATIONAL ROAD TRAFFIC ACT AND REGULATIONS.
4. ROAD SIGN PROPOSALS SHALL BE PREPARED TO THE GUIDELINES OF SARTSM VOL2, CHAPTER 13.
5. ROAD SIGN FACE MATERIALS SHALL COMPLY WITH SANS 1519-1. THE ADVANCE WARNING SIGNS TW336-WA OR TW336-WF AND THE R1.5B SIGN SHALL BE CLASS IV YELLOW FLUORESCENT. THE REMAINING ROAD SIGNS SHALL BE CLASS II RETROREFLECTIVE.
6. MINIMUM SIZES OF ROAD SIGNS, TRIANGULAR: 1500mm SIDE LENGTH CIRCULAR: 1200mm DIAMETER DIAGRAMMATIC (TGS): 1200mm x 1600mm ON 80km/h OR LESS ROADS; 1800mm x 2400mm ON I00km/h AND 120km/h ROADS. TIN: 400mm HIGH, WIDTH TO FIT PRIMARY SIGN
7. DELINEATORS (TW401/W402) SHOULD BE SO POSITIONED THAT ENCROACHMENT ON THE ADJACENT RUNNING LANE IS AVOIDED AS FAR AS POSSIBLE. WHENEVER DELINEATORS ARE POSITIONED NEXT TO AN EXCAVATION EXCEEDING 0.5m IN DEPTH, A LONGITUDINAL BUFFER ZONE EQUALING THE DEPTH OF THE EXCAVATION SHOULD BE PROVIDED BETWEEN THE EDGE AND THE TRAVELLED ROADWAY. A NARROWER BUFFER MAY BE CONSIDERED BY THE ENGINEER SHOULD ADDITIONAL PRECAUTIONARY MEASURES SUCH AS CONCRETE BARRIERS, BE IMPLEMENTED.
8. ALL DELINEATORS (TW401 / 402) SHALL BE MANUFACTURED FROM A FLEXIBLE MATERIAL AND MUST COMPLY WITH SANS 1555. THE MINIMUM NOMINAL SIZE OF DELINEATORS SHALL BE 200mm x 800mm BUT MAY BE INCREASED. CONSIDERATION SHOULD BE GIVEN TO THE SIZE OF DELINEATORS FITTING INTO THE BALLASTS. THE SIGN FACE OF DELINEATORS SHALL BE CLASS III RETROREFLECTIVE FOR THE YELLOW MATERIAL.
9. THE R201 SPEED LIMIT SIGNS BEYOND THE INTERSECTION SHALL AGREE WITH THE SPEED LIMIT SET ON THE SUBSEQUENT SECTION OF ROAD. THE SPEED LIMIT IN THE WORK AREA SHALL BE SET AT A REALISTIC LEVEL. IN AREAS WHERE TRANSITION TAKES PLACE, THE SPEED LIMIT MAY BE REDUCED LOCALLY AND THEN REVISED WHERE TRAFFIC FLOW HAS STABILISED.
10. WHEN EXISTING ROAD MARKINGS ARE TO BE REMOVED, IT MUST BE DONE BY MEANS OF SAND BLASTING OR WATER JETTING. OVERPAINTING SHALL NOT BE ALLOWED.
11. TEMPORARY ROAD MARKINGS SHALL COMPLY WITH SANS 731-2 AND MUST BE REFLECTORISED BY ADDING GLASS BEADS. TEMPORARY ROAD STUDS SHALL ALSO BE INSTALLED ON ALL TEMPORARY LONGITUDINAL LINES.
12. ROAD MARKINGS REMOVED DURING THE CONSTRUCTION, MUST BE REINSTATED AFTER COMPLETION OF THE WORKS AND SHALL COMPLY WITH SANS 731-2 STANDARDS. PERMANENT ROAD STUDS SHALL BE INSTALLED.
13. WHERE A PAVED SHOULDER IS AVAILABLE AT A CLOSURE, IT IS ADVISABLE THAT QUEUEING TRAFFIC BE DIVERTED INTO THE PAVED SHOULDER TO REDUCE THE RISK OF STATIONARY VEHICLES BEING HIT FROM BEHIND BY VEHICLES FAILING TO STOP. TO CREATE SOME LATERAL SPACE, INSTALL TWO ROWS OF TW402 DELINEATORS ON THE CENTER LINE.
14. DRAWING TO BE READ IN CONJUNCTION WITH G156/WP7/2000/T



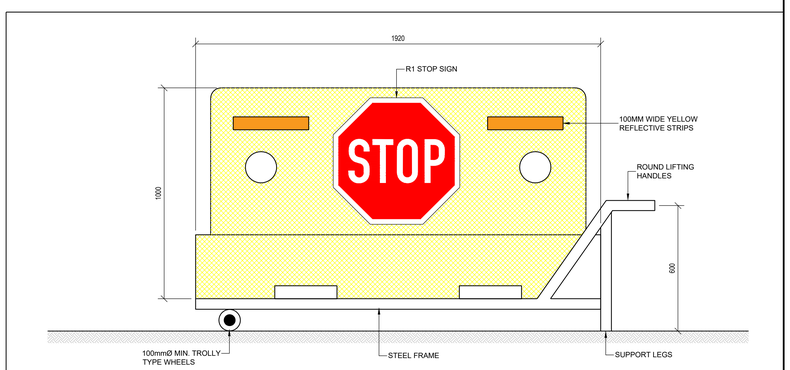




NOTES:
* SIGNS TO BE REPEATED AT 500m INTERVALS WHEN CONSTRUCTION AREA EXCEEDS 1km IN LENGTH.
** NUMBER OF DELINEATORS MUST BE CALCULATED ONCE THE CONSTRUCTION LENGTHS HAVE BEEN DETERMINE.
THE REQUIRED QUANTITY MUST BE DOUBLED TO ALLOW FOR REPLACEMENT OF DAMAGED DELINEATORS.
*** SIGNALS SHALL BE USED WHEN CLOSURES ARE BEING DONE DURING THE NIGHT AND ON A FULL TIME BASIS WHEN TRAFFIC VOLUMES EXCEED 500 VEHICLES PER HOUR.
**** TR104 SIGNS MUST BE REPLACED BY LED SIGNS FOR NIGHT TIME CLOSURES.

# PROPOSED TRAFFIC ACCOMMODATION
# SINKHOLE MINOR CULVERT - KM 11.4
# PHASE 1

NTS




MOVEABLE STOP BARRIER (MSB)

FOR TENDER PURPOSES

| No. | DATE | REVISION | CONSULT. ENG. |
|---|---|---|---|

CONSTRUCTION RECORD (AS-BUILT)
WORKS CONTRACT ENGINEER
Name:
Prof. Reg. No.
Date:
SANRAL PROJECT MANAGER
Name:
Date:

SIGN : DATE :

DESIGNED BY
NAME
Prof. Reg. No.
CHECKED BY
NAME
Prof. Reg. No.
DRAWN BY
NAME

CONSULTANT APPROVAL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Reg No 1998/009884/30
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

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ACCEPTANCE
THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING
for the SA NATIONAL ROADS AGENCY SOC LTD.
Date:


**PROJECT DESCRIPTION**
MAJOR ARMCO CULVERT AT KM 6.90 AND MINOR PRECAST CULVERT AT KM 11.40 ON ROUTE R531 SECTION 2

**DESCRIPTION**
TRAFFIC ACCOMMODATION: TEMPORARY ROADSIGNS

SCALE : AS SHOWN | SHEET : 3 OF 4

| | | |
|---|---|---|
| PROJECT NUMBER | | |
| DRAWING LOCATION DATA | START | END |
| ROUTE | R531 | R531 |
| SECTION | 2 | 2 |
| DRAWING km DISTANCE | | |
| DRAWING TYPE | ROADS - LAYOUT | |
| BRIDGE/STRUCTURE No. | | |
| CONSULTANT DRAWING No. | G156/W7/2002/T | VER |
| SANRAL DOCUMENT # | | |