CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT FOR TWO-LANING OF KM. 0+000 TO KM. 35+000 OF MDR-92 SECTION COMPRISING THE SINGHANA-BHUHANA ROAD-HARYANA BORDER (HIGHWAY-III) (PKG-19) IN THE STATE OF RAJASTHAN

FINAL FEASIBILITY REPORT
( VOLUME-II: DRAWINGS)
(PLAN & PROFILE :- FROM CH.0+000 TO CH.32+686)

JUNE - 2016

YONGMA ENGINEERING CO., LTD.
IN CONSORTIUM WITH
STERLING Indo Tech Consultant Pvt.Ltd.
Singhana Village

Distance 1.150 Km

Distance 0.920 Km

Start of Bypass At Ch. 0.000

Hill Area

COORDINATES
583172.612 m E
3109529.798 m N

COORDINATES
583777.22 m E
3108488.79 m N

---

SINGHANA BYPASS

---

583172.612 m E
3109529.798 m N

583777.22 m E
3108488.79 m N

---

PUBLIC WORKS DEPARTMENT
GOVERNMENT OF RAJASTHAN

YONGMA ENGINEERING CO., LTD.
In Consortium with
Sterling Indo Tech Consultant Pvt.Ltd.

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PLANN & PROFILE
EXISTING GROUND LEVEL AT PCL

PROPOSED ROAD LEVEL

CHAINAGE

HORIZONTAL ALIGNMENT

VERTICAL ALIGNMENT

LEGEND OF HORIZONTAL PLAN

LEGEND OF VERTICAL PROFILE

Proposed Bridge

Proposed Box Culvert

Proposed Pipe Culvert

Proposed Slab Culvert

Proposed Bridge

Proposed Box Culvert

Proposed Slab Culvert

Proposed Pipe Culvert

Proposed Earthen Shoulder

Proposed Carriage/BAY Edge

Proposed Center Line

CURVE DETAILS

HIP                            23+842
R  (m)                        150.000m.
V (KMPH)                 50 kmph
Lc (m)                       58.077m.
Ls (m)                       45.000m.
Deflection Angle        39°22'20"

HIP                            24+057
R  (m)                        2000.000m.
V (KMPH)                 100 kmph
Lc (m)                       25.842m.
Ls (m)
Deflection Angle        0°44'25"
Ts (m)
Super Elevation      -2.500%

HIP                            24+509
R  (m)                        500.000m.
V (KMPH)                 100 kmph
Lc (m)                       59.552m.
Ls (m)                       95.000m.
Deflection Angle        17°42'37"
Ts (m)                     125.500m.
Super Elevation      7.000%

APPROVED:

YONGMA ENGINEERING CO., LTD.

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STERLING INDO-TECH CONSULTANT PVT LTD.

PUBLIC WORKS DEPARTMENT

GOVERNMENT OF RAJASTHAN

HORIZONTAL = 1:2000

VERTICAL = 1:200

PAPER SIZE = A2

1:2000

PLAN & PROFILE

FROM CH. 24.000 TO CH. 25.000

PLOT SIZE

X  Y

1291.0  842.0

<< TO SINGHANA >>

TO HARAYANA >>

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