

HYDRAULIC PARTICULARS HNSS MAIN CANAL FROM KM 163.800 TO 164.450

HNSS PROJECT PHASE I

REVISED HYDRAULIC PARTICULARS PROPOSED OF HNSS MAIN CANAL FROM KM 155.00 TO 176.425

| SL.No | Reach in KM | | | Hydraulic Particulars | | | | | | | | | | | | LOSS (m) | | | BED LEVEL | | Full Supply Level | | SOIL STRATA AVAILABLE | Remarks |
|-------|-------------|---------|-------------------|-----------------------------|--------------------|----------------|--------------|-------------|----------------------|-------|--------|--------------|-------|----------------|-----------------------------|-----------------|---------------------------|-------|--------------|------------|-------------------|------------|-----------------------|--------------------|
| | FROM | TO | Distance (IN Mts) | Required Discharge (Cumecs) | Bed Width (IN Mts) | F.S.D (IN Mts) | Surface Fall | Side Slopes | COFF OF RUGOSITY "n" | A(m2) | P(m) | R=A/P IN Mts | R=2/3 | VELOCITY M/Sec | Designed Discharge (Cumecs) | DUE TO BED FALL | DUE TO CM & CD STRUCTURES | TOTAL | AT START (M) | AT END (M) | AT START (M) | AT END (M) | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 9v | 163.600 | 164.450 | 850 | 95.46 | 14.5 | 4.7 | 4640 | 1.0 | 0.03 | 90.24 | 27.794 | 3.247 | 2.193 | 1.073 | 96.828 | 0.183 | 0.000 | 0.183 | 437.574 | 437.391 | 442.274 | 442.091 | HD R/F&F | 11)SP @ KM 163.800 |

