

**Table 7.1.1 List of Proposed Traction Substations ( TSS)**

(Size of land 140x85 m)

S.No	Name	IR Chainages including detour	EDFC Chainage	Spare Transformer Requirement
1	Piturapur*	1040.8		
2	Umari	1098/27-1099/1-3	1099.25	Yes
3	Itgaon	ETW Detour/ Km 10.81	ETW Detour Km 10-11	No
4	Sikohabad	1212 /17-23	1212 /17-23	Yes
5	Biruni	1266/ 17-21	1266/ 17-21	No
6	Ibrahimpur	ALJN 8.752 / Km 9-10	ALJN Detour/ Km 9-10	Yes
7	Wair*	1391		

\*Note 1. The TSS at Piturapur and Wair shall be constructed later on, in other phases.

2. TSS in adjoining phases may also be considered for simulation study.

**Table 7.1.2 List of Proposed Sectioning and Paralleling Posts (SP)**

(Size of land 55X30 m)

S.No	Name	IR Chainages including detour	EDFC Chainage
1	Ambiyapur	1069/3-5	1069.33
2	Thari	1130/3-5	1130
3	Rautai	1183/15-17	1183.5
4	Bankat	1241/15-17	1241/ 17-15
5	Dariyapur	HRS Detour / 8.40	HRS Detour / 9-10
6	Danwar	1360	1360

**Table 7.1.3 List of Proposed Sub Sectioning and Paralleling Posts (SSP)**

(Size of land 55X25 m)

S.No	Name	IR Chainages including detour	EDFC Chainage
1	Roshamaughalt (Mandauli)	1052/13-15	1053-54
2	Shahpur derapur	1084/17-19	1084-85
3	New Achlda	1114/7-9	1114 -15
4	New Ekdil	1144/9-11	1144-45
5	Kaisth	1170/9-11	1170
6	Debrai	1198/17-19	1198-99
7	Varkatpur	FZB/Detour / 5.94	FZB/Detour / 5.00
8	Tundla (Sawai)	TDL/ Detour /12.06	TDL/ Detour /12-13
9	Pora	1283.424	1283
10	Mandrak	1313.63	1313
11	Somna	ALJN / Detour / 24.940	ALJN / Detour / 24-25
12	Sikandarpur*	1375	

Note: \*Sikanderpur SSP shall be built in other phase, later on.