

Annexure-2 Existing Systems:

1. **Junction List:** The list of all the junctions falling on the main road is listed in Table – 1 Below:

Table – 1 Junctions list

S.NO	JUNCTION NAME	JUNCTION ID	LAT-LONG
1	SARPAVARM JN	J1	16.994823, 82.242706
2	NAGAMALLI THOTA JN	J2	16.9846536, 82.2410483
3	JNTUK / IN GATE JN	J3	16.9807340, 82.2397020
4	DISTRICT POLICE OFFICE JN	J4	16.9762420, 82.2379210
5	BHANUGUDI JN	J5	16.970664, 82.236059
6	BHANUGUDI JN TOWARDS BRIDGE	J6	16.9699351, 82.2368938
7	TWO TOWN POLICE STATION	J7	16.962764, 82.235895
8	FOUR JN ROAD HP BUNK /KALAMANDIR /LIC AT MAIN ROAD	J8	16.955943, 82.234905
9	MASJID CENTRE JN	J9	16.951038, 82.234072
10	JAGANNATHAP-URAM JN (BEFORE BRIDGE STARTS)	J10	16.943702, 82.233476
11	JAGANNATHAP-URAM MAIN ROAD JN (AFTER BRIDGE)	J11	16.942256, 82.233200
12	BALAYOGI STATUE CENTRE	J12	16.927036, 82.235223

Table – 1A Junctions chainage

JUNCTION ID	JUNCTION NAME	CHAINAGE (in m)
J1	SARPAVARM JN	0
J2	NAGAMALLITHOTA JN	1212
J3	JNTUK IN GATE JN	1670
J4	DISTRICT POLICE OFFICE JN	2202
J5	BHANUGUDI JN	2852
J6	BHANUGUDI JN TOWARDS BRIDGE	2972
J7	TWO TOWN POLICE STATION	3775
J8	FOUR JN ROAD HP BUNK NR KALAMANDIR AT MAIN ROAD	4537
J9	MASJID CENTRE JN	5086
J10	JAGANNATHAPURAM JN (BEFORE BRIDGE STARTS)	5900
J11	JAGANNATHAPURAM MAIN ROAD JN (AFTER BRIDGE)	6063
J12	BALAYOGI STATUE CENTRE	7781

2. List and Location of Bus Stops: List and Location of Bus-Stops is listed below in Table – 2

TABLE 2 LIST OF BUS STOPS AND DETAILS								
S.NO	BUS STOP NAME	SHELTERED/ UNSHelterED	LAT (N)	LONG (E)	EAST	WEST	LAND MARKS	OTHERS
1	SARPAVARAM JN REQUEST STOP	NO	16.9943409	82.242623	YES		PETROL BUNK	
2	KATHIPUDI BUS STOP	YES	16.993939	82.242279			BESIDE VISAKHA DIARY AT SARPAVARAM JN	
3	BOAT CLUB	NO	16.9895464	82.2407961	YES		OPP.SURICHI SWEETS	
4	NAGAMALLI THOTA BUS STOP	YES	16.9870739	82.2399636		YES	ASHRAM PUBLIC SCHOOL	
5	NAGAMALLI THOTA BUS STOP	YES	16.9865185	82.2402402	YES		HDFC BANK	
6	NAGAMALLI THOTA BUS STOP	YES	16.9844584	82.2411307	YES		CANARA BANK	
7	OPP.CHRISTIAN MULTI CANCER HOSPITAL	YES	16.9836413	82.2409178	YES		CANCER HOSPITAL	
8	JNTU GATE	YES	16.9810697	82.2396867		YES	OPP.JNTU	
9	JNTU GATE	YES	16.980302	82.2396274	YES		BESIDE JNTU	
10	3 BUSTOPP.COFFEE DAY	YES	16.9734224	82.2368295		YES	BESIDE ESAVA CENTRE	
11	PITAPURAM BUS STOP	NO	16.9718114	82.2362592		YES	KANAKADURGA TEMPLE NEAR SUBHADRA ARCADE	
12	BANUGUDI BUS STOP	YES	16.9700685	82.2370964	YES		AT YATI RESTAURANT/OPP.A NDHRA BANK	
13	AMALAPURAM NON- STOP	YES	16.9417608	82.2331334	YES		BESIDE SBI BANK AFTER JAGANADAPURAM BRIDGE	
14	MSN CHARITIES	YES	16.9322838	82.2338562		YES	BESIDE MSN CHAREETIES	
15	BALAYOGI STATUE CENTRE	NO	16.9269552	82.2353003	YES		INFRONT OF SAI BABA TEMPLE	
16	OPP. BALAYOGI STATUE CENTRE	NO	16.9269241	82.2351923		YES	NEAR BHARATH PETROL BUNK	

Table 2 A Chainage of Bus Stops:

BUS STOPS OF MAIN ROAD		
Sr. No.	BUS STOP NAME	Chainage (in m)
	SARPAVARAM JN	0
1	SARPAVARAM JN REQUEST STOP	56
2	KATHIPUDI BUS STOP	110
3	BOAT CLUB	622
4	NAGAMALLI THOTA BUS STOP	910
5	NAGAMALLI THOTA BUS STOP	980
6	NAGAMALLI THOTA BUS STOP	1234
7	OPP. CHRISTIAN MULTI CANCER HOSPITAL	1327
8	JNTU GATE	1638
9	JNTU GATE	1721
10	3 BUSTOP COFFEE DAY	2538
11	PITAPURAM BUS STOP	2727
12	BANUGUDI BUS STOP	2984
13	AMALAPURAM NON-STOP	6133
14	MSN CHARITIES	7203
15	BALAYOGI STATUE CENTRE	7810
16	OPP. BALAYOGI STATUE CENTRE	7810

3. Central Median Details: listed below in Table – 3
 - a. Details of Existing Central Median:
 - b. Details of Existing Railing with lengths and chainages :
 - c. Existing Greenery Particulars: No Central Median from Two Town Junction to Jaggnakpuram Bridge

Table-3 Median and Railing details(Exists)

Table-3 Median and Railing details							
Median_ID	Lat	Long	Median_Type	Chainage (in m)	Remarks	Landmarks	
START SARPAVARAM JN	16.994827	82.24273		0	Legends	SARPAVARAM JN	
MS1	16.99474	82.24271	Single Strip (ONLY CURB)	15	MS..	Median Starts	
ME1	16.993883	82.24237		110	ME..	Median Ends	Sarpavaram Junction Bus Stop
MS2	16.993831	82.24236		118	RL S..	Railing Starts	
ME2	16.992562	82.24185		267	RL E..	Railing Ends	Bajaj Two Wheeler
MS3	16.992505	82.24183		274			Hero Bike Showroom
ME3	16.991916	82.2416		341			Spencer's Retail
MS4	16.99186	82.24159		354			Bearsheba Church
ME4	16.990829	82.24117		471			
MS5	16.990777	82.24115		481			
ME5	16.989157	82.2405		668			Main Entrance of Boat club
MS6	16.989102	82.24048		677			
ME6	16.988585	82.24028		736			
MS7	16.988533	82.24025		745			
ME7	16.988186	82.24013		785			
MS8	16.988164	82.24013		788			
ME8	16.98756	82.23996	851				
MS9	16.987509	82.23996	877				
ME9	16.986785	82.24007	927			HDFC Bank	
MS10	16.986729	82.24009	961				
ME10	16.984854	82.24107	1176			Alluri Seetarama Raju Statue	
MS11	16.984589	82.24108	1120				
ME11	16.983713	82.24087	1318			Nagarjuna Boys Hostel	
MS12	16.983655	82.24084	1327				
ME12	16.983028	82.24061	1394			State Bank Of India ATM	
MS13	16.982786	82.24051	1429			JNTU Gate	
ME13	16.982273	82.24031	1490				
MS14	16.982207	82.24028	1498				
ME14	16.980857	82.23975	1648			University Guest House	
MS15	16.980637	82.23967	1687			AJEET War Trophy	
ME15	16.977874	82.23859	2000			Rangaraya Medical College	
MS16	16.977774	82.23856	2020			Medical College Tennis Courts	
ME16	16.976909	82.23821	2123				
MS17	16.976866	82.2382	2129			Basketball court RMC	
ME18	16.976277	82.23796	2200			Petrol Pump	
MS19	16.976206	82.23793	2208				
ME19	16.975787	82.23777	2255			District S.P. Camp Office	
MS20	16.975683	82.23773	2270			District S.P. Camp Office	
ME20	16.975257	82.23754	2321			Police Quarters	
MS21	16.974963	82.23744	2355				
RL S1	16.973757	82.23702	2495			Café Coffee Day	
ME21 RL E1	16.973141	82.23681	2570			Domino's Pizza	
MS22 RL S2	16.972787	82.23668	2597			NOKIA Priority Dealer	
ME22 RL E2	16.971207	82.23615	2790			Koppana Complex	
MS23 RL S3	16.971106	82.2361	2807			Thadala Complex	
ME23 RL E3	16.970847	82.23604	2828			Charminar Tea Center	
MS24 RL S4	16.970573	82.23617	2870			Bhanu Gudi Junction	
ME24 RL E4	16.970009	82.23679	2955			Andhra Bank ATM	
MS25 RL S5	16.969725	82.23692	2997			Bhanugudi Junction 2	
ME25 RL E5	16.968644	82.23677	3177			Anand Cinemas	
MS26	16.942127	82.23318	6076			Venkateswara Swami Temple Entrance gate	
ME26	16.941839	82.23312	6107			SBI ATM	
MS27	16.941783	82.2331	6116			Durga Laxmi Complex	
ME27	16.941272	82.233	6175				
END BALAYOGI STATUE	16.927	82.23521		7790		BALAYOGI STATUE	

Note:

- No central divider is required between Two Town Junction to Jaggnakpuram Bridge
4. Details of Road sketches with Photos: Available in Soft copy
 5. Junctions Improvement – Leading Roads to be specified for Development with Length: Table showing Details of all Junctions and sketches with photographs, attached below:

Urban Street Scaping of main road from Sarpavaram Junction to Balayogi Statue Junction

S.NO	JUNCTION NAME	JUNCTION ID	ROAD NAMES				STREET FURNITURE										ENCROACHMENT ON FOOT PATH	LANDMARK	PARKING	OTHERS	
			NORTH	EAST	SOUTH	WEST	LAT-LONG	FOOT PATH	MEDIAN	GRILL	VEGETATION	SIGNAGE	TRAFFIC SIGNAL	ZEBRA CROSSING	LIGHT POLLS	ROAD SIDE GUTTERS					ENCROACHMENT ON ROAD
1	SARPAVARM JN	J1	PITAPURAM ROAD	RAMANAYYA PETA	NAGAMALLITHOTA JN	GAIGALAPADU JN	16.994823, 82.242706	NO FOOT PATH IN ANY DIRECTION	W- DOUBLE DIV N,E,S- SINGLE DIV	NO	ONLY IN JUNCTION CIRCLE	NO	YES BUT NOT WORKING	ONLY ON NORTH-SOUTH	S-CENTRE N,E,W- BOTH SIDES	YES IN ALL DIRECTIONS	VEHICLES & VENDORS	VEHICLES & VENDORS	TEMPLE EAST SIDE PETROL BUNK SOUTH SIDE	YES - ON ROAD BOTH SIDE	
2	NAGAMALLI THOTA JN	J2	SARPAVARM JN	NFCL ROAD	BANUGUDI JN	NO	16.9846536, 82.2410483	NO FOOT PATH IN ANY DIRECTION	NORTH & SOUTH	NO	ONLY IN JUNCTION CIRCLE	NO	YES BUT NOT WORKING	NORTH & SOUTH	S-CENTRE N,E,W- BOTH SIDES	YES IN ALL DIRECTIONS	E- BIKE PARKING S-CAR PARKING	E- BIKE PARKING S-CAR PARKING	S-CANARA BANK E-MULTI PHASE IN FOR IN GATE -(E), GOVT POLICE OFFICE	S-ON STREET MARKING E- ON STREET BIKE	
3	JNTUK / IN GATE JN	J3	NAGAMALLI THOTA	JNTU UNIVERSITY CAMPUS	S.P OFFICE	GOVT - ITI	16.9807340, 82.2397020	YES ON BOTH SIDES	YES	NO	YES IN BOTH SIDE ON THE MEDIAN	NO	NO	NO	BOTH SIDES	YES ON BOTH SIDES	YES - VENDORS	YES - VENDORS	INDIAN OIL PETROL PUMP - (E)/GOVT	NO	
4	DISTRICT POLICE OFFICE JN	J4	JNTUK JN	BHANUGUDI JN	VIVEK STREET	POLICE OFFICE	16.9762420, 82.2379210	YES ON BOTH SIDES/NO-ON EAST SIDE	YES ON MAIN ROAD/ NO-ON LOOP LINE	NO	YES ON BOTH SIDE	NO	NO	NO	BOTH SIDES	YES ON BOTH SIDES	NO	ON NORTH WEST PATH	INDIAN OIL PETROL PUMP - (E)/GOVT	NO	
5	BHANUGUDI JN	J5	NAGANALLI THOTA	TOWARDS BANUGUDI BRIDGE	NO	KONDAIPELEM ROAD	16.970664, 82.236059	NO	NORTH EAST & SOUTH	YES	IN MEDIAN E-W DIRECTION	NO PARKING BOARD IN WEST	YES BUT NOT WORKING	YES IN ALL DIRECTIONS	AT CENTRE	YES IN ALL DIRECTIONS	ALONG THE MEDIAN	ALL SIDES PARKING	N-W CHARMINAR TEA CENTRE	ON STREETS	
6	BHANUGUDI JN TOWARDS BRIDGE	J6	BETWEEN ANDHRA BANK & YATI RESTAURANT	YATI RESTAURANT	BRIDGE	NO	16.9699351, 82.2368938	ONLY LEFT SIDE OF WEST ROAD	YES IN S-W DIRECTION	YES IN S-W DIRECTION	YES IN S-W-E DIRECTION	NO	YES BUT NOT WORKING	YES IN ALL DIRECTIONS	YES IN S&W CENTER	YES IN ALL DIRECTIONS	NO	LEFT SIDE OF WEST ROAD	YATI RESTAURANT ROAD	ON STREET BIKE FOOT PATH EAST DIRECTION	
7	TWO TOWN POLICE STATION	J7	BHANUGUDI BRIDGE	MUSJID ROAD / R.T.C COMPLEX BRIDGE	MAIN ROAD	RAJA TANK ROAD	16.962764, 82.235895	ONLY IN SOUTH	NO IN ALL DIRECTION	NO	MORE IN SOUTH DIRECTION THAN OTHER	NO	NO	YES IN S-W DIRECTION	IN SOUTH DIRECTION AT JN	YES IN ALL DIRECTIONS	VEHICLES	INFRONT OF SHOPS IN SOUTH	TWO TOWN POLICE STATION / BABA	DEDICATED ON STREET PARKING LEFT SIDE OF	
8	FOUR JN ROAD HP BUNK /KALAMANDIR /LIC AT MAIN ROAD	J8	TWO TOWN POLICE STATION	LIC OFFICE ROAD KALPANA CENTRE	MAIN ROAD TOWARDS MASJID CENTRE	FIRE STATION ROAD	16.955943, 82.234905	YES IN S-N DIRECTION	NO IN ALL DIRECTION	NO	MORE IN S-N DIRECTION THAN E-W DIRECTION	NO	NO	YES IN ALL DIRECTIONS	YES IN ALL DIRECTIO	YES IN ALL DIRECTIONS	NO	SIGNAGE BOARDS OF KALAMANDIR SHOP	PV TOWN HALL	DEDICATED ON STREET PARKING LEFT SIDE OF N-S DIRECTION	
9	MASJID CENTRE JN	J9	LIC OFFICE / HP PETROL BUNK/	NO	TOWARDS JAGANNATHAPURAM	TOWARDS BALAJI CHERUVU	16.951038, 82.234072	NO	NO	NO	NO	TOWARDS WEST DIRECTION	TOWARDS SOUTH DIRECTION	NO	W&S DIRECTIONS ONE	YES IN ALL DIRECTIONS	VEHICLES	NO	MASJID CENTRE / ABHIRUCHI	VEHICLES ON LEFT SIDE	
10	JAGANNATHAP-URAM JN (BEFORE BRIDGE STARTS)	J10	TOWARDS MASJID CENTRE	NO	TOWARDS JAGANNATHAPURAM	TOWARDS BALAJI CHERUVU	16.943702, 82.233476	NO	NO	NO	LITTLE BIT TOWARDS WHARFF ROAD	NO	YES BUT NOT WORKING	YES ON WEST ROAD DIRECTION	AT CENTRE	NO	VEHICLES ON LEFT SIDE ONLY	NO	KANAKA DURGA TEMPLE ON WEST ROAD	VEHICLES ON RIGHT SIDE	
11	JAGANNATHAP-URAM MAIN ROAD JN (AFTER BRIDGE)	J11	TOWARDS JAGANNATH APURAM BRIDGE	TOWARDS YETIMOGA	TOWARDS YANAM ROAD	TOWARDS DRAKSHARAM A ROAD	16.942256, 82.233200	NO	TOWARDS SOUTH UPTO SBI ATM	NO	NO	NO	NO	YES IN SOUTH DIRECTION	AT CENTRE	SOUTH ROAD RIGHT SIDE & WEST ROAD LEFT	VEHICLES LEFT SIDE	NO	JAGANNATH APURAM ARCH/ APOLLO PHARMACY/	VEHICLES ON RIGHT SIDE	
12	BALAYOGI STATUE CENTRE	J12	TOWARDS JAGANNATH APURAM	STREET ROAD FRIUTS CENTRE	YANAM ROAD	STREET ROAD BHARATH /ESSAR PETROL	16.927036, 82.235223	NO	NO	NO	NO	NO	NO	NO	YES AT JN	YES ON BOTH SIDE	NO	NO	BALAYOGI STATUE CENTRE LAST	NO	

The Sketch of each junction shown below:











