

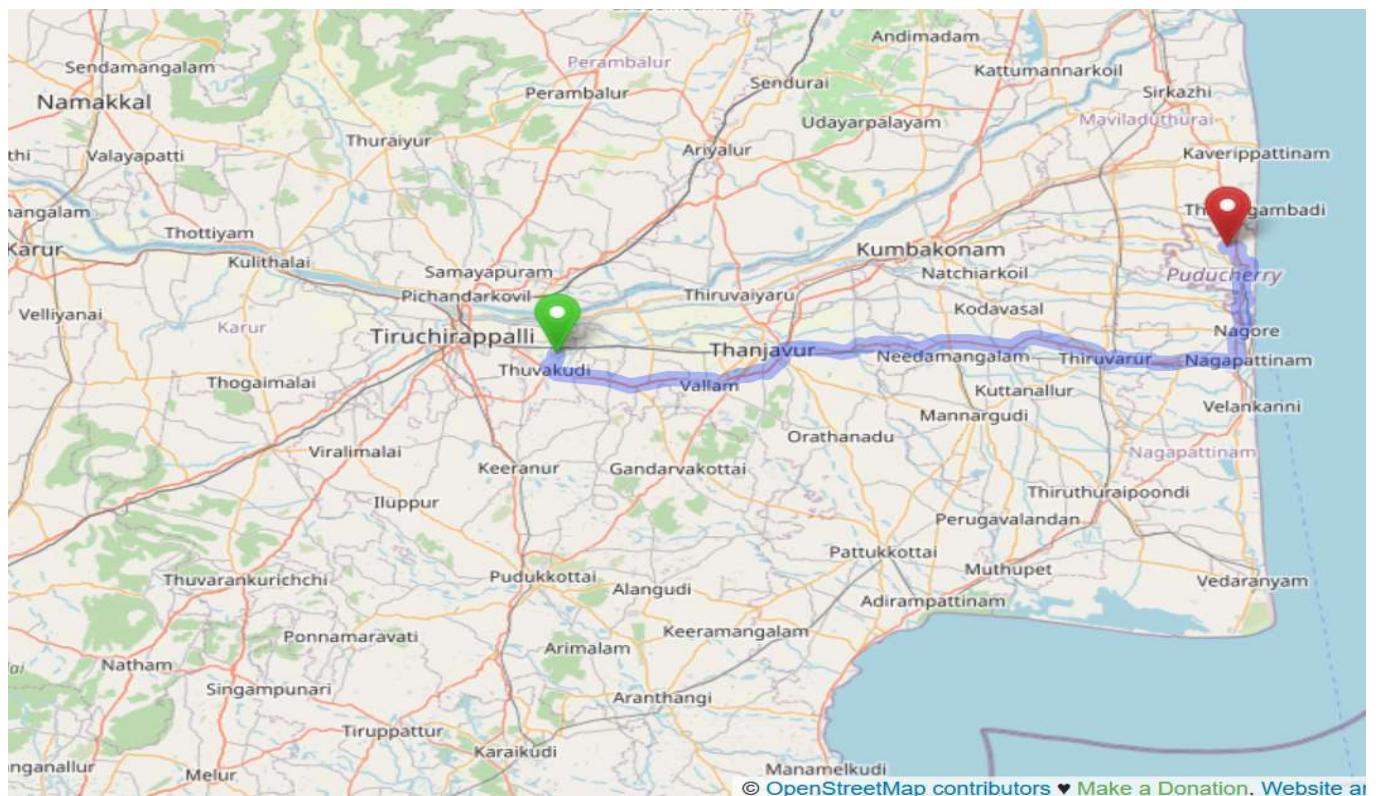
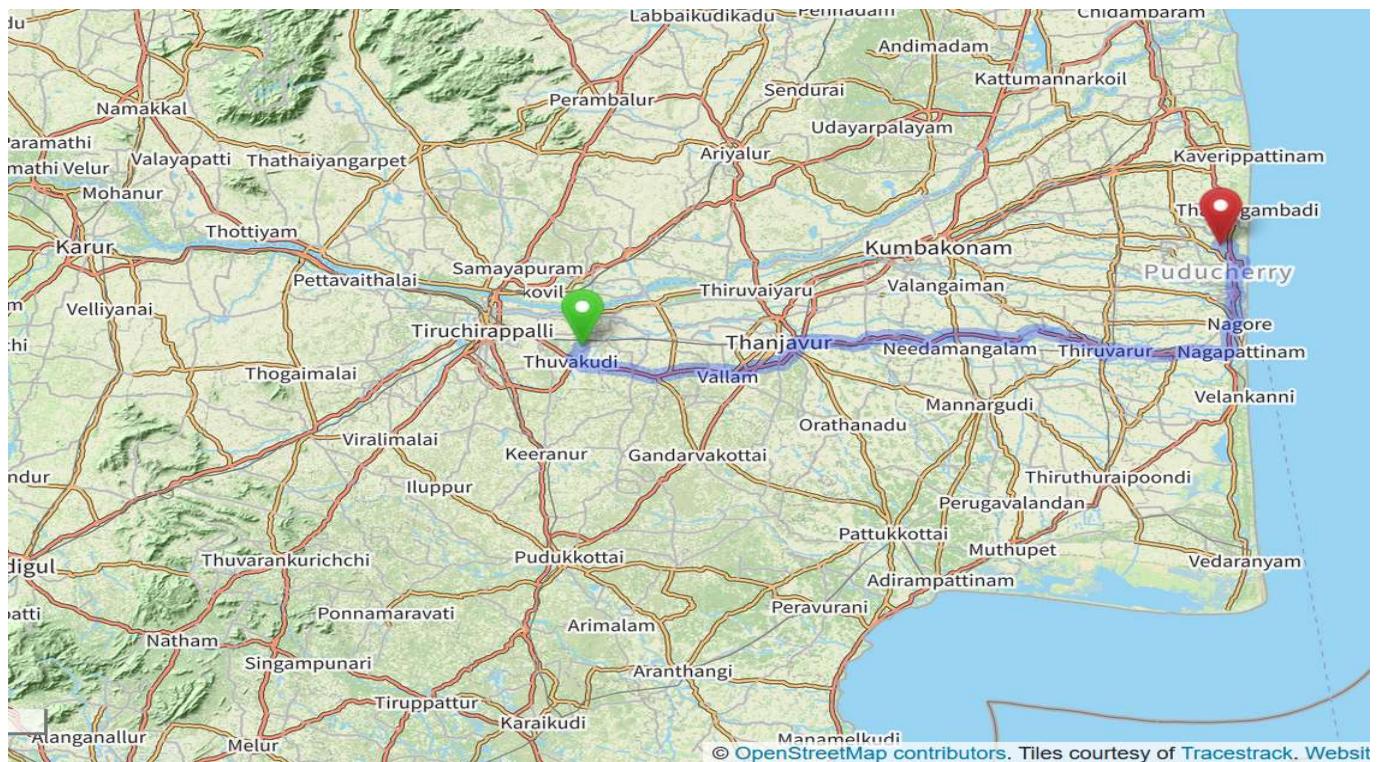


IndianOil

WELCOME TO JOURNEY
RISK MANAGEMENT (JRM)
STUDY USING ARTIFICIAL
INTELLIGENCE (AI)
FOR IOCL TRICHY
TERMINAL

JOURNEY RISK MANAGEMENT STUDY REPORT

IOCL TIRCHY TERMINAL (10.7753, 78.8368) TO SHRI BHAGWAN AGENCY (10.961935 , 79.809077), TOTAL DISTANCE -149 KM



Welcome to the Journey Risk Management Study for Shri Bhagwan Agencies

Total distance: 149 km; Start with: (10.7753, 78.8368), End with: (10.961935 , 79.809077)

❖ Route Safety Analysis Report Overview of the Route Map

The route from Trichy Terminal (T.N) to Shri Bhagwan Agencies. The route passes through several key points including SIDCO Industrial Estate Valavanankottai, Logesh Fancy & Stationery Stores, Thuvakudi to SIDCO& Indian oil Storage, Markandan Agency onto NH 83 Toll road, U-turn at TNSTC TRICHY RE CONDITIONING UNIT(RC), Trichy-Tanjore Rd, Thanjavur Ring Rd, Vennar bypass Bridge, Thanjavur Kumbakonam Main Rd, ValVnthonKOTTI Toll Plaza Rd, Coimbatore-Nagapattinam Hwy, Maravapattu-villur-Kallikkudi Rd, NH83, Monthai-karuppur Rd, Check post-karaikal Bartery Main Rd, Mela Annavasal, Kottucherry Rd, Vedamattam Main Rd for heavy vehicles carrying hazardous materials.

Typical Weather Conditions and Potential Weather-Related Hazards

Weather Conditions: Trichy Terminal (T.N) to Shri Bhagwan Agencies experiences a tropical climate with heavy monsoon rains from June to September, high humidity, and moderate temperatures throughout the year. The summers are short and sweltering; the winters are short, cool, and dry; and it is mostly clear year-round. Over the course of the year, the temperature typically varies from 60.8°F to 110°F and is rarely below 60.8°F to 110°F.

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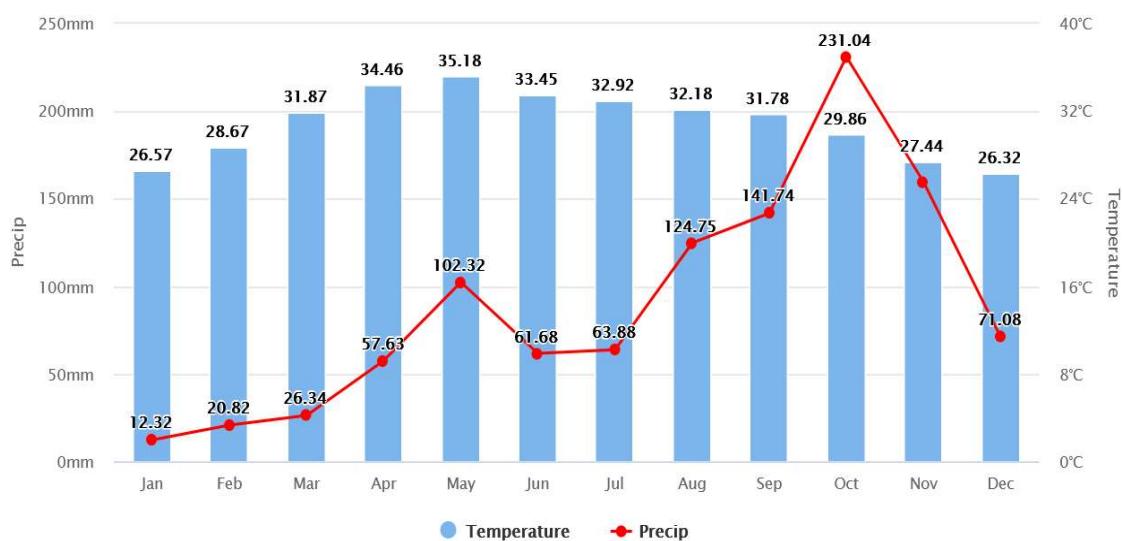
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Dec	Year	
Record high °C (°F)	33.0 (91.4)	38.0 (100.4)	41.0 (105.8)	43.0 (109.4)	43.0 (109.4)	42.0 (107.6)	40.0 (104.0)	39.0 (102.2)	38.0 (100.4)	37.0 (98.6)	34.0 (93.2)	33.0 (91.4)	43.0 (109.4)
Average high °C (°F)	30.27 (86.49)	32.88 (91.18)	36.0 (96.8)	38.27 (100.89)	38.79 (101.82)	36.78 (98.2)	36.17 (97.11)	35.4 (95.72)	35.03 (95.05)	32.9 (91.22)	30.38 (86.68)	29.34 (84.81)	34.35 (93.83)
Daily mean °C (°F)	26.57 (79.83)	28.67 (83.61)	31.87 (89.37)	34.46 (94.03)	35.18 (95.32)	33.45 (92.21)	32.92 (91.26)	32.18 (89.92)	31.78 (89.2)	29.86 (85.75)	27.44 (81.39)	26.32 (79.38)	30.89 (87.6)
Average low °C (°F)	19.88 (67.78)	20.93 (69.67)	24.04 (75.27)	27.62 (81.72)	28.89 (84.0)	27.59 (81.66)	27.04 (80.67)	26.45 (79.61)	25.95 (78.71)	24.64 (76.35)	22.43 (72.37)	20.93 (69.67)	24.7 (76.46)
Record low °C (°F)	16.0 (60.8)	17.0 (62.6)	19.0 (66.2)	22.0 (71.6)	25.0 (77.0)	25.0 (77.0)	24.0 (75.2)	23.0 (73.4)	22.0 (71.6)	21.0 (69.8)	18.0 (64.4)	17.0 (62.6)	16.0 (60.8)
Average precipitation mm (inches)	12.32 (0.49)	20.82 (0.82)	26.34 (1.04)	57.63 (2.27)	102.32 (4.03)	61.68 (2.43)	63.88 (2.51)	124.75 (4.91)	141.74 (5.58)	231.04 (9.1)	159.62 (6.28)	71.08 (2.8)	89.44 (3.52)
Average precipitation days (≥ 1.0 mm)	3.09	3.27	5.36	7.36	16.73	12.36	13.55	18.91	19.64	22.73	17.55	9.73	12.52
Average relative humidity (%)	72.01	65.19	58.27	53.97	51.56	50.59	51.14	56.11	60.33	70.18	77.39	76.61	61.95
Mean monthly sunshine hours	11.19	11.34	11.34	11.63	12.65	12.68	11.83	11.24	11.05	9.11	7.68	8.29	10.84

Weather-Related Hazards: Trichy Terminal (T.N) To Shri Bhagwan Agencies Providing a local hourly weather forecast of rain, sun, wind, humidity and temperature.

The Long-range 12 day forecast also includes detail for weather today. Live weather reports from Trichy Terminal (T.N) To Shri Bhagwan Agencies weather stations and weather warnings that include risk of thunder, high UV index and forecast gales.

Climate Graph

The chart below shows the mean monthly temperature and precipitation of Tiruchirappalli in recent years.



Analysis of Traffic Patterns

Peak Hours:

Typically, Trichy Terminal (T.N) to Shri Bhagwan Agencies peak traffic hours are from 8:00 AM to 11:00 AM and 4:00 PM to 9:00 PM on weekdays.

Congestion-Prone Areas:

- Ganesh Wine
- Bridgestone Select - Shakthi Tyres
- Diamond Diesel Pump Service
- Government hospital kottucherry
- Servite Higher secondary School
- Kottucherry Police Station,
- Navakiraha Orphanage Care Home - Nocombe Trust,
- Mary Help Of Christians Church,
- Mary St,
- Kumarpillai st

❖ Assessment of Road Quality and Infrastructure

Road Quality: Generally, the roads are well-maintained but can suffer from potholes and waterlogging on State Highway during the monsoon season.

Infrastructure: Adequate signage, street lighting, and traffic signals are present, but some areas may lack proper drainage systems, leading to waterlogging.

❖ Suggestions for Alternative Routes for Emergencies

Alternative Route 1: Thuvakudi to SIDCO& Indian oil Storage, Trichy-Tanjore Rd, Tanjore to Nagapattinam two way bye pass Rd, NH83, Kottucherry Rd, Vedamattam Main Rd, Maravapatti-villur-kalikkudi Road.

Alternative Route 2: NH-99A, Kulithalai -Manapparai Rd, Vadakkada – Alangudi Rd, Rannathpuram Rd, NH83/service Road, Trichy – Tanjore Road, East Cost Rg, Nedungadura, SH147, Kollumangudi Rd.

Summary of Local Regulations Affecting Hazardous Material Transport

Regulations: Transport of hazardous materials is regulated by the Petroleum and Explosives Safety Organization (PESO) and the Motor Vehicles Act. Specific routes and timings may be restricted for hazardous material transport.

Permits: Ensure all necessary permits and documentation are in place.

❖ Overview of Historical Incidents

Historical Incidents: There have been occasional incidents involving heavy vehicles, particularly during the monsoon season due to waterlogging and poor visibility. No major incidents involving hazardous materials have been reported recently.

❖ **Environmental Considerations and Sensitive Areas**

- **Sensitive Areas:** Bridgestone Select - Shakthi Tyres, Ganesh Wines, Government hospital kottucherry, Servite Higher secondary School, Kottucherry Police Station, Navakiraha Orphanage Care Home - Nocome Trust, Mary Help Of Christians Church, Marryy St, Kumarpillai st
- **Educational institutions:** - Irrigation Management Training Institute, State Institute of Hotel Management and Catering Technology, V.O.C Govt Higher Secondary School, ENPEE International School, Don Bosco Higher Secondary
- **Hospital:** - ESI Dispensary, Trustee Medical Center Velangudi, Govt.Hospital Thenkarai Mathur
- **Gas Station:** - In there are several of fuel/Gas station some of them are G Parthasarathi Fuel Agencies , S N Ravi Kumar Agencies, Siva Fuels , Bhavani Agencies , PETROL BUNK, BPCL segipatti petrol pump, ESSAR petroleum pudukudi Thanjavur, NAYARA Energy-Sri Kandhar AGencr truchy-thanjavur Hyw , rakku sakti Kamatchupura fuel sataion.
- **Environmental Impact:** Minimize noise and air pollution, especially in residential and sensitive areas.

Air pollution: Volatile chemicals evaporate during the filling and discharge process, or from leaks.

- **Loss of habitats:** Oil and gas operations can degrade animal habitats and disrupt migratory pathways.

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- **Oil spills:** Oil spills can be devastating for animals and humans.
- **Greenhouse gas emissions:** Oil and gas operations can emit greenhouse gases like methane.

❖ Analysis of Communication Coverage

Communication Coverage: Generally good throughout the route, but potential dead zones may exist densely built-up areas or underpasses.

Dead Zones: Monitor for any communication blackouts, especially in underpasses or near large buildings.

❖ Estimated Emergency Response Times

Bridgestone Select - Shakthi Tyres, Ganesh Wines, Government hospital kottucherry, Servite Higher secondary School, Kottucherry Police Station, Navakiraha Orphanage Care Home - Nocomo Trust, Mary Help Of Christians Church, Marryy St, Kumarpillai st. areas like have quicker response times (15- 20 minutes)

Congested areas may experience delays (up to 30-40 minutes).

❖ Overall Summary of Risk Assessment

- **Risk Level:** Moderate to High, especially during monsoon season.
- **Key Risks:** Waterlogging, traffic congestion, and potential communication dead zones.
- **Mitigation Measures:** Plan travel during non-peak hours, ensure proper vehicle maintenance, and have alternative routes and emergency contacts ready and control on the speed limit of the vehicle.

❖ Road Signage for TT/PT Driver

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Road Traffic Signs in India

Mandatory/Regulatory Signs

			
Stop	Give way	No entry	Straight prohibited
			
One way	One way	Vehicles prohibited in both directions	Horn prohibited
			
Pedestrians prohibited	Cycles prohibited	Right turn prohibited	Left turn prohibited
			
U-turn prohibited	Overtaking prohibited	Trucks prohibited	Tonga prohibited

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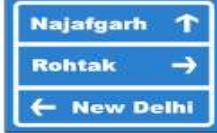
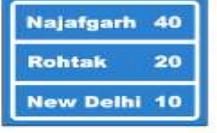
			
All motor vehicles prohibited	Hand cart prohibited	Bullock cart prohibited	Bullock and hand carts prohibited
			
No parking	No parking or stopping	Speed limit	Axle load limit
			
Width limit	Weight limit	Length limit	Load limit
	Restriction ends		

Cautionary signs

			
Right hand curve	Left hand curve	Right hand pin bend	Left hand pin bend
			
Right reverse bend	Narrow bridge	Gap in median	Cycle crossing
			
Pedestrian crossing	School	Men at work	Roundabout
			
Narrow road	Road widens	Side road left	Side road right

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Information signs

			
Advance direction	Map type advance direction	Rotary intersection	Reassurance
			
Direction	Direction	Place identification	Truck lay bay
			
Toll booth ahead	Parking this side	Parking both sides	Cycle stand
			
Scooter and motor cycle stand	Taxi stand	Auto-rickshaw stand	Cycle-rickshaw stand
			
Public telephone	Filling station	Hospital	First aid post

Conclusion

The route for Trichy Terminal (T.N) to Shri Bhagwan Agencies, Nallathur Road, Nedungadu Commune, Kurumbagaram, Thiruvarur State-TN is generally manageable but poses several risks, particularly during the monsoon season and Winter (Fog Weather). Proper planning, adherence to regulations, and awareness of potential hazards can significantly mitigate these risks.

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❖ Risk Assessment - Sharp Turns

Risk Type	Risk Level	Coordination	Distance From Start	Recommendation Speed
Sharp turn	Medium	10.75826994715787, 78.83326651420096	2.0 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.756715887788083, 78.83021887801165	2.4 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.751274985268047, 78.82506273704801	3.3 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.749406921191936, 78.83062696831735	3.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.745172516487582, 78.83368104214479	4.5 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.739119119860915, 78.83810753689248	5.3 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.735296935060319, 78.8649298251201	8.3 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.732950078633909, 78.87545277973047	9.5 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.73087486908852, 78.90608995975295	12.8 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.723764671172908, 78.9285599072715	15.4 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.721125274436691, 78.93786647838668	16.5 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.718221002127057, 78.94304398964309	17.2 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.7181899017704, 78.9560914041222	18.6 KM	10 km/hr TO 20 Km/Hr
Sharp turn	Medium	10.730969484477892, 79.01761228410292	25.5KM	10km/hr TO 20 Km/Hr
Sharp turn	HIGH	10.726561431768483, 79.06521400420263	30.7 KM	20km/hr TO 30 Km/Hr

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Sharp turn	HIGH	10.72308854798758, 79.0698337039081	31.4 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.73705102370136, 79.10766164424598	35.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.74328897463726, 79.14225760188724	39.8 KM	10km/hr TO 20 Km/Hr
Sharp turn	High	10.780404751602815, 79.16734250741605	45 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.817736360016776, 79.18047515526581	49.5 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.840339877729143, 79.19191515410074	52.3KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.866183705074247, 79.1927810209242	55.3 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.932095836643457, 79.31034743170252	70.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.938511393691135, 79.34586818266324	74.8 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.965236885200495, 79.39181811063801	81.7 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.955166244553812, 79.39483327418229	82.4 KM	10km/hr TO 20 Km/Hr
Sharp turn	High	10.954296172087506, 79.34774637212439	85.6 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.955808147992787, 79.36573625410698	87.5 KM	
Sharp turn	High	10.956857570640398, 79.365832725086	87.6 KM	
Sharp turn	High	10.960551970688885, 79.38611597224178	89.9 KM	
Sharp turn	High	10.97664252932043, 79.46227340774438	90.7 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.983700289395625, 79.48243317169496	92.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.987102976051245, 79.48535260150828	93.5 km	20km/hr TO 30 Km/Hr

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Sharp turn	Medium	10.988615506537407, 79.49152259659094	94.2 km	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.9908009806676, 79.49944146929886	95.1 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.99362502250955, 79.50680100727705	96 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.996557031957183, 79.51604551391702	97.1 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.998418051149113, 79.52210988881335	97.8 KM	10km/hr TO 20 Km/Hr
Sharp turn	High	10.99749655798687, 79.52248039447647	97.9 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.99815085038437, 79.52731329056101	98.4	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.998322729754582, 79.53231697386092	99 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	11.000096876727287, 79.53930191916156	99.8	20km/hr TO 30 Km/Hr
Sharp turn	High	11.000530877432295, 79.54660314053001	101 KM	10km/hr TO 20 Km/Hr
Sharp turn	High	10.994194075371174, 79.56081163873246	102	10km/hr TO 20 Km/Hr
Sharp turn	High	10.992066778173717, 79.56820237764057	103	10km/hr TO 20 Km/Hr
Sharp turn	High	10.99122294842798, 79.57203662086194	104	10km/hr TO 20 Km/Hr
Sharp turn	High	10.987740544991665, 79.58142784769393	105	10km/hr TO 20 Km/Hr
Sharp turn	High	10.987540562736278, 79.5871215963912	106	10km/hr TO 20 Km/Hr
Sharp turn	High	10.984618981550685, 79.595793716238	107	10km/hr TO 20 Km/Hr
Sharp turn	High	10.98257682421649, 79.603774136502	108	10km/hr TO 20 Km/Hr
Sharp turn	High	10.997468072824544, 79.52261457790277	108	10km/hr TO 20 Km/Hr

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Sharp turn	High	10.978642804669425, 79.61216319719159	109	10km/hr TO 20 Km/Hr
Sharp turn	High	10.980311502737374, 79.6269924536789	110	10km/hr TO 20 Km/Hr
Sharp turn	High	10.981093919837123, 79.63238714523666	111	10km/hr TO 20 Km/Hr
Sharp turn	High	10.980289845806885, 79.64038449669609	112	10km/hr TO 20 Km/Hr
Sharp turn	High	10.980974794669736, 79.65339382615088	113	10km/hr TO 20 Km/Hr
Sharp turn	High	10.981434236664478, 79.65609416186935	114	10km/hr TO 20 Km/Hr
Sharp turn	High	10.98205716524272, 79.66772881733506	115	10km/hr TO 20 Km/Hr
Sharp turn	High	10.983622084540597, 79.67921211595166	116	10km/hr TO 20 Km/Hr
Sharp turn	High	10.983611079081712, 79.6794698558881	116.5	10km/hr TO 20 Km/Hr
Sharp turn	High	10.983623141682171, 79.6834547111762	117	10km/hr TO 20 Km/Hr
Sharp turn	High	10.981989652855994, 79.690124444837	118	10km/hr TO 20 Km/Hr
Sharp turn	High	10.97900065737536, 79.69900788046597	119	10km/hr TO 20 Km/Hr
Sharp turn	High	10.97614303989356, 79.70712467304794	120	10km/hr TO 20 Km/Hr
Sharp turn	High	10.977932476045517, 79.71594218031824	121	10km/hr TO 20 Km/Hr
Sharp turn	High	10.977607564144272, 79.7244128789247	122	10km/hr TO 20 Km/Hr
Sharp turn	High	10.976343782644864, 79.74606516666324	124	10km/hr TO 20 Km/Hr
Sharp turn	High	10.976143547065968, 79.75277076450837	125	10km/hr TO 20 Km/Hr
Sharp turn	High	10.97406285566265, 79.77076007615538	127	10km/hr TO 20 Km/Hr

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Sharp turn	High	10.966870491363219, 79.79981994069612	130	10km/hr TO 20 Km/Hr
Sharp turn	High	10.965228164843323, 79.80660661023323	131	10km/hr TO 20 Km/Hr
Sharp turn	High	10.960160926774313, 79.81119260218072	132	10km/hr TO 20 Km/Hr
Sharp turn	High	10.959236701175161, 79.82539343794978	133	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.955673978543059, 79.82540563716985	134	20km/hr TO 30 Km/Hr

❖ Risk Assessment - Elevation Changes

Risk Type	Specific Risk	Risk Level	Coordination	Elevation Change	Gradient	Recommendation Speed
Elevation Change	Descent	Low	10.7753, 78.8368	39 m	2.45%	30 km/hr to 40 km/hr
Elevation Change	Descent	Low	10.961935 , 79.809077	39 m	2.45%	30 km/hr to 40 km/hr

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❖ Risk Assessment – Key Location:

Sr No	Location	Lat, lon.
1	Hall/Hotel	10.757627679523425, 78.83287045929539
2	OLD Burma Colony	10.75810448259808, 78.83342945889828
3	School/College	10.751940259658717, 78.824855152166
4	School/College	10.751244043943656, 78.82964545444308
5	Bank	10.749935829138195, 78.8268757083185
6	Toll Plaza	10.739223590189045, 78.82491390378034
7	Jagdish Filling station IOCL RO	10.730096699158965, 78.86385149738328
8	Bus Stand	10.737619717156392, 78.84469108474981
9	School/College	10.743654738281231, 78.85235497712233
10	Shri Rakku Sakti IOCL retail outlet	10.736854782210685, 78.85825905782572
11	School/College	10.736328228804307, 78.86222089649122
12	Moogambigai Agencies IOC RO	10.720992946251965, 78.94066066619781
13	G Parthasarathi Fuel Agencies IOCL RO	10.731949135570895, 79.01839981851398
14	Auto Parts Mall	10.73479825344728, 78.86383650381019
15	Trichy-Thanjavur Border check post	10.734414736299165, 78.8687554646539
16	Hotel	10.73449559472593, 78.87053727134324
17	Pkd railway station starting point	10.733035467327722, 78.87760665657318
18	Nayara Petrol Pump	10.733201787527669, 78.88075610377959
19	IOCL RO	10.7370281264634, 79.13691139189406
20	Smv Puncture Shop	10.733071879186443, 78.88788151537216
21	Hotel	10.732766784125532, 78.89204005296241
22	IOCL retail outlet	10.732484981220054, 78.89788773851032
23	Bank	10.730614988892885, 78.90808861916952

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24	Bus Stop	10.72762381663031, 78.91707309156152
25	Tool Fab Industry	10.724738429698235, 78.92771569309396
26	Hotel	10.719730509674973, 78.96118243846999
27	Vikas Global City	10.724186034036219, 78.97449603272008
28	Gnanam Business School	10.727431325357013, 78.9783943535095
29	BPCL RO	10.725825464578664, 78.9807445894157
30	Peekay Mediequip Limited	10.729355844598135, 78.99185652717746
31	Thanjavur District Collector Office	10.734119148806737, 79.09384524937086
32	Tamil University	10.73627973338858, 79.09818351652815
33	Vembukudi Toll Plaza	10.875400860939616, 79.21069847346963
34	Temple	10.95822811647791, 79.3714838278445
35	Hotel	10.959743866452198, 79.37905624409673
36	ESI Dispensary	10.962270369182967, 79.38905619487792
37	Hotel	10.961801862688635, 79.39268285703115
38	IOCL RO	10.963122756717935, 79.80865644429767

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**IOCL TIRCHY TERMINAL (10.7753, 78.8368) TO Shri Bhagwan Agency
(10.961935 , 79.809077), TOTAL DISTANCE -149 KM**



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.726561431768483, 79.06521400420263



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.72308854798758, 79.0698337039081

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.73705102370136, 79.10766164424598



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.74328897463726, 79.14225760188724

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.780404751602815, 79.16734250741605



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.954296172087506, 79.34774637212439

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.955808147992787, 79.36573625410698



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.960551970688885, 79.38611597224178

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.998322729754582, 79.53231697386092



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97664252932043, 79.46227340774438

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 11.000530877432295, 79.54660314053001



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.994194075371174, 79.56081163873246

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.992066778173717, 79.56820237764057



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.99122294842798, 79.57203662086194

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.987740544991665, 79.58142784769393



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.987540562736278, 79.5871215963912

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.98257682421649, 79.603774136502



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.997468072824544, 79.52261457790277

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.978642804669425, 79.61216319719159



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.980311502737374, 79.6269924536789

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981093919837123, 79.63238714523666



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981093919837123, 79.63238714523666

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.980289845806885, 79.64038449669609



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.980974794669736, 79.65339382615088

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981434236664478, 79.65609416186935



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.98205716524272, 79.66772881733506

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.983622084540597, 79.67921211595166



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.983611079081712, 79.6794698558881

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.983623141682171, 79.6834547111762



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981989652855994, 79.690124444837

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97900065737536, 79.69900788046597



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97614303989356, 79.70712467304794

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.977932476045517, 79.71594218031824



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.977607564144272, 79.7244128789247

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.976343782644864, 79.74606516666324



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.976143547065968, 79.75277076450837

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97406285566265, 79.77076007615538



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.966870491363219, 79.79981994069612

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.960160926774313, 79.81119260218072



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.960160926774313, 79.81119260218072

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.959236701175161, 79.82539343794978

JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.955673978543059, 79.82540563716985