

Route Analytics Pro

Enhanced Route Safety Analysis with Regulatory Compliance

Enhanced Route Analysis Report with Regulatory Compliance

Enhanced Analysis Report

May 29, 2025 at 09:27 AM

Features: Individual Turn Analysis, Street Views, Maps

Compliance: CMVR, AIS-140, RTSP Analysis Included

Analysis: GPS Coordinates & Turn-by-Turn Details

Enhanced Route Overview

ROUTE INFORMATION

From Address	Unnamed Road, Oil Industry Terminals, Partapur, Meerut, Utta
To Address	V85H+WR5, Saharanpur Rd, Ambehata Dehat, Ambheta, Uttar Prad
Total Distance	131 km
Estimated Duration	2 hours 27 mins
Route Points Analyzed	2684
Overall Safety Score	0/100
Individual Turn Pages	7 detailed pages included

HAZARD ANALYSIS SUMMARY

Extreme Blind Spots (>80 degrees)		CRITICAL DANGER - Individual Pages Added
Sharp Danger Turns (70-80 degrees)		HIGH DANGER - Individual Pages Added
Moderate Turns (45-70 degrees)		CAUTION REQUIRED
Network Dead Zones	0	NO SIGNAL
Poor Coverage Areas	4	WEAK SIGNAL
Weather Monitoring Points	10	CONDITIONS TRACKED

CRITICAL: 7 DANGEROUS TURNS REQUIRE DETAILED ANALYSIS

Each critical turn has a dedicated page with street view, satellite map, and safety recommendations.

HOSPITALS - Emergency Medical Services

S.No	Name	Location	Latitude	Longitude	Distance (km)
1	Sanjeevani Yoga And Natur...	Unnamed Road, Surya Pa...	29.0090	77.6539	0.1
2	Chhatrapati Shivaji Subha...	Swami Vivekanand Subha...	29.0619	77.6358	0.4
3	Dr Lal PathLabs - Patient...	Shop No 17, Khana Plaz...	29.1463	77.5506	0.1
4	Government Hospital-PHC	4GMR+XV2	29.2016	77.4854	0.4
5	Community health centre, ...	4GMR+QWG, Meerut	29.3075	77.4231	0.4
6	medical store	4GWP+9HQ, Dahar	29.4116	77.3487	0.2
7	Get Well Hospital and Ult...	Karnal - Shamli Road, ...	29.4652	77.3302	0.4
8	Ayushman Arogya Mandir	C83X+279, Kabraut	29.5602	77.4052	0.5
9	bansal hospital	C83Q+V9C, Jhal	29.6247	77.4384	0.0
10	Eddy Goverment Hospital	JCFR+45C, Jalalabad	29.7301	77.4353	0.7
11	Ayushman Arogay Mandir Ja...	JCFR+45C, Jalalabad	29.7975	77.4530	0.2
12	Jalalabad Hospital	JCFR+24G, Jalalabad	29.8013	77.4581	0.1
13	Al Fatima Child And Medic...	RC5V+9R6, near Eidgah,...	29.8139	77.4357	0.0
14	family clinic	RF26+FFR, Rampur Manih...	29.8370	77.3990	0.4
15	Jan ausdhi kendra	near govt.hospital, Ba...	29.8597	77.3320	0.1

Total HOSPITALS: 15 locations identified along the route

FUEL STATIONS - Petrol Pumps

S.No	Name	Location	Latitude	Longitude	Distance (km)
1	IndianOil	Khasra No 1433, near C...	29.0155	77.6614	0.4
2	cng pump meerut	WMJ5+6X6, Block 4A, Se...	29.0899	77.6037	0.5
3	Hindustan Petroleum Corpo...	Ground Floor, Crossing...	29.1769	77.4999	0.0
4	RDML Energy Services Indi...	Bhuni Crossing Binoli-...	29.2758	77.4519	0.8
5	Petrol Pump	Meerut	29.3914	77.3584	0.5
6	Shiv Kailash Fuel Point H...	Meerut Karnal, Nationa...	29.4584	77.3303	0.2
7	HP Petrol Pump - Ganga Fi...	C84X+9WF, Kabraut	29.5652	77.4097	0.3
8	My Eco Energy	India	29.6500	77.4327	0.1
9	Bharat Petroleum (Aziz Fi...	Thanabhawan	29.7604	77.4386	0.2
10	Indane Gas	HCQJ+5VV	29.7997	77.4586	0.0
11	Vijay Filling Service Sta...	Vijay Filling Service,...	29.8119	77.4498	0.6
12	Hindustan Petroleum	Telipura Nazirpura, Ra...	29.8377	77.4079	0.3
13	Bharat Petroleum	India	29.8611	77.3270	0.3

Total FUEL STATIONS: 13 locations identified along the route

SCHOOLS - Speed Limit Zones (40 km/h)

S.No	Name	Location	Latitude	Longitude	Distance (km)
1	Dewan Public School Inter...	143, Delhi Road, Phase...	29.0115	77.6585	0.3
2	Bhai Joga Singh Public Sc...	WMXM+H76, Surya Palace...	29.0765	77.6190	0.4
3	METRO PUBLIC SCHOOL	Shatabdi Nagar, Rithan...	29.1600	77.5199	0.3
4	J.N.Public School	5GGW+WXW, Meerut	29.2361	77.4661	0.7
5	Chaudhary Amar Singh ITI	4HQ6+VMQ, Gotka	29.3424	77.3955	0.5
6	Kadam Public School	Bhooni Chauraha, Shaml...	29.4335	77.3124	0.5
7	Vedantam Public School	Kudana Main Road, Jama...	29.5081	77.3631	0.3
8	BrainZone Junior High sch...	Karnal - Meerut Road, ...	29.6107	77.4347	0.2
9	KVM High School Kabraut	C942+XFG, Karnal - Mee...	29.6830	77.4228	0.3
10	Divya Public School	Saharanpur - Delhi Roa...	29.7838	77.4500	0.4
11	Alpine International Scho...	JC5J+C5C, State Highwa...	29.7977	77.4614	0.3
12	Motherland Public School	RF32+VHX, Rampur Manih...	29.8129	77.4434	0.3
13	Gurukul Computer Academy	RF53+2QR, Bypass Road,...	29.8452	77.3965	0.4
14	D.A.V. Public School Ramp...	QFV2+W55, Saharanpur	29.8603	77.3285	0.1

Total SCHOOLS: 14 locations identified along the route

RESTAURANTS/FOOD STOPS - Rest Areas

S.No	Name	Location	Latitude	Longitude	Distance (km)
1	Hotel Bravura Gold Resort	Delhi Roorkee, Bypass,...	29.0087	77.6513	0.1
2	CROWN Hotel & Restaurant	Ved Vyas Puri -Phase 1...	29.0624	77.6374	0.4
3	Domino's Pizza Shopprix...	Shop No. 7A, Upper Gro...	29.1448	77.5502	0.3
4	Sunny restaurant	4HQ7+R7X, Bhuni	29.2016	77.4845	0.5
5	Fauji Restaurant & Cafe	4HP8+83G, Bhuni Chowk,...	29.3023	77.4225	0.3
6	CHAUDHARY DHABA	4HP9+XJJ, Sardhana - B...	29.4118	77.3506	0.1
7	Mid-Way Point Family Rest...	NH 709A, Karnal - Meer...	29.4608	77.3311	0.1
8	Amritsari Truck Dhaba	C87W+F9F, Shamli	29.5530	77.4041	0.5
9	Highway family dhaba	C87W+R5G, Barla Jatt	29.6241	77.4377	0.1
10	Iliyas Meet Shop	near by Charthawal, 04...	29.7367	77.4338	0.2
11	...	India	29.7980	77.4550	0.4
12		India	29.8030	77.4633	0.3
13	Guru gorakhnath misthan b...	RF34+9JQ, Rampur Manih...	29.8122	77.4385	0.2
14	Basant Sweets and Restaur...	Deoband road, Rampur M...	29.8427	77.3975	0.2
15	...	India	29.8581	77.3294	0.1

Total RESTAURANTS/FOOD STOPS: 15 locations identified along the route

POLICE STATIONS - Security Services

S.No	Name	Location	Latitude	Longitude	Distance (km)
1	Nauchandi Police Station	Mohsin Bagh, Manzoor N...	29.0256	77.6680	0.2
2	Shatabdi Nagar Police Cho...	WMPG+W37, Shatabdi Nag...	29.0985	77.6040	0.2
3	Police Choki Shubharti Un...	XJ5Q+9R6, NH58, Meerut	29.1884	77.4982	0.3
4	Police check post	4HP8+GG5, Karnal - Mee...	29.3032	77.4221	0.2
5	Police Station SaroorPur ...	4GMR+54G	29.4255	77.3304	0.3
6		4GR9+GX, Jasar Sultann...	29.5070	77.3622	0.3
7	Police Chowki Lank	99F9+GCP, National Hig...	29.6157	77.4372	0.3
8	Police Chowki	JC9J+JXC, MDR 147W, Sh...	29.7337	77.4296	0.4
9	Police station Jalalabad	JC9J+JXM, Jalalabad	29.8072	77.4522	0.2
10	Jandheri Police	police station, Chando...	29.8053	77.4536	0.1
11	Police Thana Kotwali Ramp...	Shiv Puri, Rampur Mani...	29.8306	77.4074	0.3
12	Dharmendra kumar	RF53+2QR, Rampur Manih...	29.8592	77.3293	0.0

Total POLICE STATIONS: 12 locations identified along the route

COMPREHENSIVE ROUTE MAP WITH ALL MARKERS

COMPREHENSIVE ROUTE MAP:



MAP LEGEND:

S	Green	Route Start Point
E	Red	Route End Point
T#	Red/Orange/Yellow	Sharp Turns (by danger level)
H#	Blue	Hospitals - Emergency Services
F#	Purple	Fuel Stations - Petrol Pumps
S#	Yellow	Schools - Speed Limit 40 km/h
Blue Line	Blue	Complete Route Path

REGULATORY COMPLIANCE ANALYSIS

COMPLIANCE SCORE: 60/100 - NEEDS ATTENTION

ROUTE COMPLIANCE SUMMARY

Vehicle Type	Heavy Goods Vehicle
Vehicle Weight	18,000 kg
Route Distance	131 km
Estimated Duration	2 hours 27 mins
States Crossed	Delhi, Haryana (Estimated)
Compliance Category	HIGH RISK - Heavy Goods Vehicle

CMVR 1989 & AMENDMENT 2022 COMPLIANCE

Vehicle Category	Heavy Goods Vehicle
Weight Category	18000 kg
License Required	HMV (Heavy Motor Vehicle)
Permit Required	YES - Mandatory for >12 tons
Training Hours Required	80 hours
Medical Fitness Validity	3 years

APPLICABLE SPEED LIMITS

Urban Areas	40 km/h
Near Schools	25 km/h
Highways	80 km/h
Rural Roads	60 km/h
Night Driving	Reduce by 10 km/h

AIS-140 COMPLIANCE (MANDATORY)

CRITICAL: AIS-140 compliance is MANDATORY for this vehicle type

GPS TRACKING REQUIREMENTS

Accuracy Required	+/- 3 meters
Update Frequency	10 seconds
Data Storage	30 days minimum
Compliance Deadline	April 1, 2023

PANIC BUTTON REQUIREMENTS

Location	Driver accessible position
Response Time	<5 seconds
Alert Recipients	Police, Owner, Control Center
Installation	Authorized centers only

AIS-140 COMPLIANCE CHECKLIST:

- GPS device installed and functional
- Panic button accessible to driver
- Emergency SOS functionality active
- Overspeed alert system configured
- Data transmission to India-based servers
- Device certification from BIS

ROAD TRANSPORT SAFETY POLICY (RTSP)

Estimated Driving Time	2.0 hours
Max Continuous Allowed	4.5 hours
Daily Max Allowed	10 hours
Time Compliance	COMPLIANT
Required Rest Stops	0
Rest Duration Each Stop	45 minutes minimum

NIGHT DRIVING RESTRICTIONS

Night Hours	22:00 to 06:00
Speed Reduction	10 km/h below daytime limits
Additional Safety	Enhanced lighting, fatigue monitoring required

STATE PERMITS & INTER-STATE COMPLIANCE

COMPLIANCE RECOMMENDATIONS

1. CRITICAL: Install AIS-140 compliant GPS tracking system
2. CRITICAL: Install panic button accessible to driver
3. Plan 2 mandatory rest stops (45 min each) for this journey
4. Obtain inter-state permits for all states
5. Check Delhi-specific entry requirements
6. Carry all vehicle documents (RC, Insurance, PUC)
7. Ensure driver medical fitness certificate is valid
8. Check vehicle safety equipment (first aid, fire extinguisher)
9. Verify speed governor installation and calibration
10. Plan route to avoid restricted time zones

TURN 1/7: EXTREME BLIND SPOT - 180.0 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	EXTREME BLIND SPOT
Turn Angle	180.0 degrees (DANGEROUS)
GPS Coordinates	29.799710, 77.462060
Danger Level	EXTREME BLIND SPOT
Recommended Speed	15-20 km/h
Visibility Status	ZERO visibility around corner
Safety Priority	HIGHEST

CRITICAL SAFETY RECOMMENDATIONS:

- 1. CRAWL SPEED MANDATORY: Reduce speed to 15-20 km/h minimum before entering turn
- 2. HORN WARNING: Sound horn continuously while approaching and taking the turn
- 3. HEADLIGHTS ON: Keep headlights on during daytime for maximum visibility
- 4. AVOID OVERTAKING: Absolutely no overtaking 200m before and after this turn
- 5. STAY IN LANE: Keep to the extreme left of your lane throughout the turn
- 6. PASSENGER ALERT: Warn all passengers about the dangerous blind spot ahead
- 7. EMERGENCY PREP: Have emergency contact ready - accidents common at such turns
- 8. WEATHER CHECK: Avoid this turn in rain, fog, or night conditions if possible

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:

STREET VIEW

NOT AVAILABLE

GPS: 29.799710, 77.462060

Street imagery not available

for this exact location.

Refer to satellite map.

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.799710, 77.462060 | Street View: FAILED | Satellite: OK
Note: Street View may not be available for this location. Using placeholder.

WARNING: EXTREME BLIND SPOT - Exercise EXTREME CAUTION at 29.7997, 77.4621

TURN 2/7: EXTREME BLIND SPOT - 159.57 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	EXTREME BLIND SPOT
Turn Angle	159.57 degrees (DANGEROUS)
GPS Coordinates	29.800050, 77.458640
Danger Level	EXTREME BLIND SPOT
Recommended Speed	15-20 km/h
Visibility Status	ZERO visibility around corner
Safety Priority	HIGHEST

CRITICAL SAFETY RECOMMENDATIONS:

1. CRAWL SPEED MANDATORY: Reduce speed to 15-20 km/h minimum before entering turn
2. HORN WARNING: Sound horn continuously while approaching and taking the turn
3. HEADLIGHTS ON: Keep headlights on during daytime for maximum visibility
4. AVOID OVERTAKING: Absolutely no overtaking 200m before and after this turn
5. STAY IN LANE: Keep to the extreme left of your lane throughout the turn
6. PASSENGER ALERT: Warn all passengers about the dangerous blind spot ahead
7. EMERGENCY PREP: Have emergency contact ready - accidents common at such turns
8. WEATHER CHECK: Avoid this turn in rain, fog, or night conditions if possible

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:



Street View - 0 degree view

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.800050, 77.458640 | Street View: OK | Satellite: OK

WARNING: EXTREME BLIND SPOT - Exercise EXTREME CAUTION at 29.8000, 77.4586

TURN 3/7: EXTREME BLIND SPOT - 159.57 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	EXTREME BLIND SPOT
Turn Angle	159.57 degrees (DANGEROUS)
GPS Coordinates	29.800050, 77.458640
Danger Level	EXTREME BLIND SPOT
Recommended Speed	15-20 km/h
Visibility Status	ZERO visibility around corner
Safety Priority	HIGHEST

CRITICAL SAFETY RECOMMENDATIONS:

- 1. CRAWL SPEED MANDATORY: Reduce speed to 15-20 km/h minimum before entering turn
- 2. HORN WARNING: Sound horn continuously while approaching and taking the turn
- 3. HEADLIGHTS ON: Keep headlights on during daytime for maximum visibility
- 4. AVOID OVERTAKING: Absolutely no overtaking 200m before and after this turn
- 5. STAY IN LANE: Keep to the extreme left of your lane throughout the turn
- 6. PASSENGER ALERT: Warn all passengers about the dangerous blind spot ahead
- 7. EMERGENCY PREP: Have emergency contact ready - accidents common at such turns
- 8. WEATHER CHECK: Avoid this turn in rain, fog, or night conditions if possible

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:



Street View - 0 degree view

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.800050, 77.458640 | Street View: OK | Satellite: OK

WARNING: EXTREME BLIND SPOT - Exercise EXTREME CAUTION at 29.8000, 77.4586

TURN 4/7: EXTREME BLIND SPOT - 113.02 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	EXTREME BLIND SPOT
Turn Angle	113.02 degrees (DANGEROUS)
GPS Coordinates	29.801760, 77.459240
Danger Level	EXTREME BLIND SPOT
Recommended Speed	15-20 km/h
Visibility Status	ZERO visibility around corner
Safety Priority	HIGHEST

CRITICAL SAFETY RECOMMENDATIONS:

1.
- CRAWL SPEED MANDATORY: Reduce speed to 15-20 km/h minimum before entering turn
2.
- HORN WARNING: Sound horn continuously while approaching and taking the turn
3.
- HEADLIGHTS ON: Keep headlights on during daytime for maximum visibility
4.
- AVOID OVERTAKING: Absolutely no overtaking 200m before and after this turn
5.
- STAY IN LANE: Keep to the extreme left of your lane throughout the turn
6.
- PASSENGER ALERT: Warn all passengers about the dangerous blind spot ahead
7.
- EMERGENCY PREP: Have emergency contact ready - accidents common at such turns
8.
- WEATHER CHECK: Avoid this turn in rain, fog, or night conditions if possible

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:



Street View - 0 degree view

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.801760, 77.459240 | Street View: OK | Satellite: OK

WARNING: EXTREME BLIND SPOT - Exercise EXTREME CAUTION at 29.8018, 77.4592

TURN 5/7: EXTREME BLIND SPOT - 113.02 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	EXTREME BLIND SPOT
Turn Angle	113.02 degrees (DANGEROUS)
GPS Coordinates	29.801760, 77.459240
Danger Level	EXTREME BLIND SPOT
Recommended Speed	15-20 km/h
Visibility Status	ZERO visibility around corner
Safety Priority	HIGHEST

CRITICAL SAFETY RECOMMENDATIONS:

- 1. CRAWL SPEED MANDATORY: Reduce speed to 15-20 km/h minimum before entering turn
- 2. HORN WARNING: Sound horn continuously while approaching and taking the turn
- 3. HEADLIGHTS ON: Keep headlights on during daytime for maximum visibility
- 4. AVOID OVERTAKING: Absolutely no overtaking 200m before and after this turn
- 5. STAY IN LANE: Keep to the extreme left of your lane throughout the turn
- 6. PASSENGER ALERT: Warn all passengers about the dangerous blind spot ahead
- 7. EMERGENCY PREP: Have emergency contact ready - accidents common at such turns
- 8. WEATHER CHECK: Avoid this turn in rain, fog, or night conditions if possible

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:



Street View - 0 degree view

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.801760, 77.459240 | Street View: OK | Satellite: OK

WARNING: EXTREME BLIND SPOT - Exercise EXTREME CAUTION at 29.8018, 77.4592

TURN 6/7: EXTREME BLIND SPOT - 97.4 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	EXTREME BLIND SPOT
Turn Angle	97.4 degrees (DANGEROUS)
GPS Coordinates	29.804640, 77.454670
Danger Level	EXTREME BLIND SPOT
Recommended Speed	15-20 km/h
Visibility Status	ZERO visibility around corner
Safety Priority	HIGHEST

CRITICAL SAFETY RECOMMENDATIONS:

- 1. CRAWL SPEED MANDATORY: Reduce speed to 15-20 km/h minimum before entering turn
- 2. HORN WARNING: Sound horn continuously while approaching and taking the turn
- 3. HEADLIGHTS ON: Keep headlights on during daytime for maximum visibility
- 4. AVOID OVERTAKING: Absolutely no overtaking 200m before and after this turn
- 5. STAY IN LANE: Keep to the extreme left of your lane throughout the turn
- 6. PASSENGER ALERT: Warn all passengers about the dangerous blind spot ahead
- 7. EMERGENCY PREP: Have emergency contact ready - accidents common at such turns
- 8. WEATHER CHECK: Avoid this turn in rain, fog, or night conditions if possible

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:



Street View - 0 degree view

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.804640, 77.454670 | Street View: OK | Satellite: OK

WARNING: EXTREME BLIND SPOT - Exercise EXTREME CAUTION at 29.8046, 77.4547

TURN 7/7: SHARP DANGER TURN - 75.66 degrees

CRITICAL TURN ANALYSIS:

Turn Classification	BLIND SPOT
Turn Angle	75.66 degrees (DANGEROUS)
GPS Coordinates	29.625320, 77.439180
Danger Level	SHARP DANGER TURN
Recommended Speed	25-30 km/h
Visibility Status	LIMITED visibility
Safety Priority	HIGH

CRITICAL SAFETY RECOMMENDATIONS:

- 1. REDUCE SPEED: Slow down to 25-30 km/h before entering the sharp turn
- 2. USE HORN: Sound horn to alert oncoming traffic of your presence
- 3. MAINTAIN DISTANCE: Keep safe distance from vehicle ahead (minimum 50m)
- 4. PROPER LANE: Stay in correct lane and avoid cutting corners
- 5. CHECK MIRRORS: Monitor traffic behind before slowing down
- 6. GEAR DOWN: Use appropriate gear for controlled speed through turn
- 7. AVOID BRAKING: Complete braking before turn, not during the turn
- 8. POST-TURN CAUTION: Accelerate gradually after completing the turn

TURN LOCATION ANALYSIS:

STREET VIEW - Driver Perspective:



Street View - 0 degree view

SATELLITE MAP - Overhead View:



Satellite View - Zoom 18

GPS: 29.625320, 77.439180 | Street View: OK | Satellite: OK

WARNING: SHARP DANGER TURN - Exercise EXTREME CAUTION at 29.6253, 77.4392