

“CONDUCTING A MAPPING STUDY OF LONG
DISTANCE TRUCK DRIVER HALT POINTS AND
IDENTIFYING TRANSPORT SECTOR
STAKEHOLDERS WHO CAN CARRY OUT HIV
PREVENTION INTERVENTIONS AMONG THE
LONG DISTANCE TRUCK DRIVERS”

A Report

For



By



Social and Rural Research Institute (SRI)

IMRB International

Table of Contents

CHAPTER 1 EXECUTIVE SUMMARY	4
1.1. Research Objectives of the Mapping Study.....	4
1.2. Snapshot of estimated Truckers in TSLs & Ports.....	5
1.2.1. High Priority TSL Centers (More than 30,000 Unique Truckers)	5
1.2.2. Medium Priority TSL Centers (More than 10,000 But less than 30,000 Unique Truckers).....	6
1.2.3. Low Priority TSL Centers (Less than 10,000 Unique Truckers).....	8
1.3. Methodology followed.....	11
1.4. Steps followed in short listing the TSLs	11
1.5. Estimation of the number of truckers at TSLs.....	12
1.6. Key findings.....	14
1.6.1. Trans –Shipment Location.....	14
1.6.2. Demographic Profile.....	17
➤ Age group.....	17
➤ Marital Status	18
➤ Literacy Levels.....	18
➤ Average days taken to complete one round trip	19
1.6.3. Knowledge of HIV & AIDS.....	19
1.6.4. Sexual Involvement and Condom Usage.....	20
➤ Sexual Involvement	20
➤ Condom Usage.....	21
1.6.5. Exposure to Intervention Activities	23
1.6.6. Site Assessment.....	24
1.6.7. Key activities undertaken by NGO’s vis-à-vis Associations	26
1.6.8. Trucking Operations at Ports	28
1.6.9. Port Map	29

1.6.10.Industry	30
CHAPTER 2 INTRODUCTION.....	31
CHAPTER 3 BACKGROUND.....	32
CHAPTER 4 SURFACE TRANSPORT IN INDIA.....	35
CHAPTER 5 OBJECTIVE OF THE MAPPING STUDY	38
5.1 Research Objectives:	38
CHAPTER 6 RESEARCH DESIGN AND METHODOLOGY	40
CHAPTER 7 TRANS – SHIPMENT LOCATIONS	43
7.1 Introduction and Background	43
7.2 Challenges	44
7.3 Design and Methodology	45
7.4 Fieldwork Launch.....	49
7.4.1 Mantab Sheet.....	51
7.4.2 Trucker Information Sheet (TI)	51
7.4.3 Broker/Transport Owner Interview.....	52
7.4.4 Trucker Behaviour Sheet	52
7.5 Strategy Note.....	54
7.5.1. High Priority TSL Centers (More than 30,000 unique truckers).....	56
7.5.2. Medium Priority TSL Centers (More than 10,000 but Less than 30,000 truckers).....	57
7.5.3. Low Priority TSL Centers (Less than 10,000 truckers)	59
7.6 TSL Data Sheets:.....	62
CHAPTER 8 PORTS	446
CHAPTER 9 AN OVERVIEW OF INDUSTRY SEGMENT	458

CHAPTER 1

EXECUTIVE SUMMARY

Social and Rural Research Institute (IMRB International) conducted a research for National AIDS Control Organization (NACO), on the Mapping of Long Distance Truckers Halt Points and identifying Transport Sectors Stakeholders for carrying out HIV prevention intervention among the long distance truck drivers. The trucking operations have been categorized into major segments depending on the nature of their dependence on trucking industry which are as follows: 1) Trans-shipment Locations, 2) Ports and 3) Industries (including Specialized Cargo and Express Cargo). Though each of these segments involves heavy usage of trucks for their operations, they differ in their trucking operations, hence different methodologies and operational plans were deployed for each of these segments of trucking operations. The ensuing section lists down the research objectives of this study.

1.1. Research Objectives of the Mapping Study

1. List and identify the major halt points along the major highways in India including: the main transshipment locations (TSLs) and the satellite transshipment locations and other major halt points (~ 100 totals, across the country). The major halt points would include Main TSLs; satellite TSLs, Ports, and Specialized Cargo & Express Cargo segments.
2. Estimate the number of trucks that pass through the halt points through fixed period tabulation.
3. Identify unions, brokers and agencies that are available at each transshipment locations along with any association or federation of these agencies
4. Collect more information on Truckers and halt points like – Number of trucks on a given day / major routes / Cycle time etc required for estimation and to understand the nature and modalities at each major location of truckers/ other key stakeholders
5. To arrive at an estimate of long distance and short distance trucks that halt at the transshipment locations.
6. To understand the key risk behaviors of truckers at these halt points.
7. To understand truckers access to key health services at the halt points, e.g. condoms, STI treatment.

1.2. Snapshot of estimated Truckers in TSLs & Ports

1.2.1. High Priority TSL Centers (More than 30,000 Unique Truckers)

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Trans-shipment Locations					
Maharashtra	Raigarh Kalamboli	43200	127872	35100	103896
Punjab	Ludhiana Transport Nagar, Semrada Chowk	38692	104468	26010	52020
Andhra Pradesh	Ichchapuram	30300	84234	25200	70056
Maharashtra	Raigarh Nava Sheva J.N.P.T.	29500	82010	24900	69222
Andhra Pradesh	Vijaywada Autonagar	29800	81354	21400	58422
Delhi	Delhi SGTN	23800	62594	14500	38135
Gujarat	Porbandar	20200	57772	14000	40040
Uttar Pradesh	Gorakhpur Transport Nagar	20400	56100	14700	40425
Andhra Pradesh	Hyderabad Autonagar	18100	53033	12800	37504
Mumbai	Mumbai Wadala Truck Terminus	20700	51957	14200	35642
Uttar Pradesh	Kanpur Transport Nagar	18500	47175	17200	43860
Uttar Pradesh	Meerut Transport Nagar	16700	45758	10900	29866
Chhattisgarh	Raipur TP Nagar	17900	43318	5119	12387
Madhya Pradesh	Indore Dewasnaka	20300	43036	13500	28620
Uttar Pradesh	Varanasi Chandasi (Coal depot)	14500	42775	6572	19387
Mumbai	Mumbai Cotton Green	19100	39728	16000	33280
Uttar Pradesh	Moradabad Transport Nagar	12600	36792	9452	27600
Andhra Pradesh	Vishakapatnam Auto nagar	14700	36015	10900	26705
Maharashtra	Pune Nigdhi Transport Nagar	13900	34889	10500	26355
Uttar Pradesh	Varanasi Padao	15500	33635	6482	14067
Uttar Pradesh	Allahabad (Khanpur)	11100	31968	10900	31392
Chhattisgarh	Bhilai	12600	31878	7027	17779
Ports					
Andhra Pradesh	Vishakhapatnam	17878	47376	-	-

1.2.2. Medium Priority TSL Centers (More than 10,000 But less than 30,000 Unique Truckers)

State	Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Trans-shipment Locations					
Rajasthan	Jaipur Transport Nagar	10500	29925	5365	15289
Goa	Margao	12700	28448	7593	17009
Punjab	Amritsar Transport Nagar	12121	26666	8901	19582
Delhi	Delhi ICD Tuglakabad	11700	25974	6395	14198
Chandigarh	Chandigarh (Mani Majra) Transport Nagar (Sector 26)	8750	25375	136	394
Rajasthan	Ajmer (Kishan garh)	9821	22686	7627	17617
Uttar Pradesh	Agra Transport Nagar	10700	22684	9213	19532
Gujarat	Jamnagar refinery	10600	22260	9496	19942
Orissa	Mayurbhanj Jamsola	8803	22096	3524	8846
Delhi	Delhi Azadpur Mandi Delhi	8788	21179	3290	7928
Gujarat	Gandhidham Transport Nagar	7505	21090	5458	15336
Uttar Pradesh	Lucknow Transport Nagar	8273	19194	7823	18149
Delhi	Delhi Punjabi Bagh	6699	19159	5803	16598
Gujarat	Surat Transport Nagar	7244	18762	5737	14858
Uttar Pradesh	Saharanpur Transport Nagar	6429	18387	3446	9856
Madhya Pradesh	Jhansi	5898	17517	2837	8425
Mumbai	Mumbai Bombay Port Trust	5622	16416	4149	12114
Orissa	Paradeep Truck Parking	5574	15607	-	-
Punjab	Jalandhar	6435	15444	5990	14376
Maharashtra	Ballarpur Paper Industries (Coal Mines)	5228	15318	5132	15037
Rajasthan	Jaipur VKIA Road No. 14	6533	15090	5192	11994
Madhya Pradesh	Gwalior Harishankarpuram	5059	14875	3262	9589

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Trans-shipment Locations					
Uttar Pradesh	Gaziabad Transport Nagar (Gyani Border)	4857	14620	2693	8106
Uttar Pradesh	Mathura Near refinery	5688	14561	4183	10707
Rajasthan	Bhilwara Chittor Road, Transport Nagar	6020	14388	4554	10884
Kerala	Palghat Kanjikodu	5402	13938	4375	11288
Bihar	Purnia Zero Mile Transport Nagar (Gulabbagh)	5994	13187	4508	9917
Maharashtra	Nagpur Wadi	4455	13098	4455	13098
Gujarat	Rajkot	6372	12872	3811	7698
Jammu & Kashmir	Jammu Transport Nagar (Narwal, Near mandi)	4866	12700	4742	12376
D & N Haveli	Silvassa	6157	12684	4151	8550
Rajasthan	Bikaner	4809	12599	3690	9667
West Bengal	Central Warehousing Corporation Petropole Bangaon	4286	12429	2774	8045
Karnataka	Bangalore Neelmangala	4478	12270	2668	7310
Karnataka	Bangalore Meadanayakanahali	4082	12204	3588	10730
Madhya Pradesh	Indore Mechanic Nagar	4373	10975	2589	6497
Rajasthan	Alwar (Bhiwari) MIA Industrial Area	4329	10866	3596	9027
Ports					
Karnataka	New Mangalore Port	9709	25728	-	-
Tamil Nadu	Tuticorin Port	8504	22535	-	-
Kerala	Cochin Port	5819	15419	-	-
Orissa	Paradip Port	5465	14481	-	-

1.2.3. Low Priority TSL Centers (Less than 10,000 Unique Truckers)

State	Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Trans-shipment Locations					
Jammu & Kashmir	Srinagar Mandi Area	3304	9946	2453	7383
Uttaranchal	Dehradun Transport Nagar	3624	9677	2438	6509
Haryana	Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)	3403	9631	2383	6745
Uttaranchal	Haldwani/Kathgodam Transport Nagar	3607	9449	2644	6927
Karnataka	Bangalore (Attibele)	3937	9174	3174	7396
Kerala	Sullan bateri	3140	9075	2487	7188
Kerala	Ernakulam Kalamassery	4009	8979	2864	6415
Goa	Ponda	3976	8628	2767	6003
Rajasthan	Shahpura Union	3656	8519	3260	7595
Jharkhand	Hazaribagh	3161	8440	2786	7439
Rajasthan	Jodhpur Transport Nagar : Basni	3988	8256	2840	5878
Madhya Pradesh	Jabalpur	3768	8176	2163	4694
Jharkhand	G.T.Road Dhanbad (Barwada)	2907	8052	2322	6432
Chhattisgarh	Korba TP Nagar	2838	7917	789	2201
Punjab	Pathankot	3121	7490	2536	6084
Karnataka	Belgaum	3286	7395	3286	7395
Karnataka	Mysore	2654	7297	2624	7216
Haryana	Ballabgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT	3149	6802	3015	6512
Haryana	Panipat Transport Nagar Huda Sec.25	2905	6595	2331	5291
Maharashtra	Pune TELCO	2446	6335	2010	5206
Karnataka	Mangalore	2776	6303	2761	6268

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Trans-shipment Locations					
Jharkhand	Tata Road Behragora	2948	6191	2392	5024
Karnataka	Bangalore DTTO	2957	6121	2558	5294
Madhya Pradesh	Rewa	2706	6088	933	2100
Goa	Vasco	2524	6082	922	2221
Jharkhand	Gurudwara Road Bokaro	2226	5987	1771	4763
Tamil Nadu	Salem (Shevapet Lorry Stand)	2082	5746	958	2645
Bihar	Patna TP Nagar Bypass	2725	5695	1408	2943
Karnataka	Gulbarga (Mumbai Entrance Chandrakanta)	1850	5531	1850	5531
Maharashtra	Kolhapur	2216	5473	1330	3285
Gujarat	Vadodra	2671	5369	1649	3315
Tamil Nadu	Coimbatore Devnashi Road (Cochin Road) Ukkadam	1927	5357	666	1850
Rajasthan	Pratap Nagar Transport Nagar Udaipur Retistand	2277	5236	1594	3667
West Bengal	Siliguri Transport Nagar	2071	4991	1498	3610
Karnataka	Hubli NH - 4	2158	4899	1951	4428
Orissa	Rourkela Biramitrapur	2221	4798	1570	3391
Rajasthan	Kota Bhamashah Mandi	1872	4793	590	1511
Bihar	Baruni (Zero Mile)	1660	4467	740	1991
Maharashtra	Jalgaon / Malegaon Sagar Transport Nagar	1525	4087	856	2293
Orissa	Bhubaneswar	1471	4059	1046	2886
West Bengal	Jalgaon Excise Check Post	1369	3971	960	2784
Orissa	Laxmi Padia Truck Parking Point - Joda	1771	3897	126	276
Pondicherry	Gori Medu (Pattanur)	1673	3882	1186	2752
Rajasthan	Kota Truck Union	1776	3729	742	1558

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Trans-shipment Locations					
Orissa	JK Paper Mill truck Parking Point- Rayagada	1277	3703	493	1430
Orissa	Cuttack Jagatpur Transport Nagar	1291	3665	303	861
Maharashtra	Nagpur Pardi Naka (Kalapana)	1649	3660	1641	3644
Maharashtra	Aurangabad Waluj (Industrial Area)	1585	3393	1579	3380
West Bengal	Siliguri	1198	3343	704	1965
West Bengal	Ballupara truck terminus Hilli Border – West Dinajpur	1347	3098	885	2035
Uttar Pradesh	Etawah	1143	3074	903	2430
West Bengal	Haldia	988	2934	14	41
Assam	Guwahati Beltola truck centre	1091	2531	904	2096
West Bengal	Chengrabandha - Jalpaiguri	1185	2524	172	366
Orissa	Angul NALCO	1013	2521	793	1974
Orissa	Kalinga Nagar Mesco Truck Parking Point	1113	2449	484	1065
Uttar Pradesh	Bareilly Transport Nagar	885	2382	599	1610
Maharashtra	Nasik 8 No. Naka/Nasik Naka	913	2291	710	1782
Madhya Pradesh	Bhopal Ashoka Garden	719	1992	313	867
West Bengal	Kolkata Transport Nagar (Dankuni NH-2)	753	1859	664	1640
West Bengal	Durgapur	742	1855	704	1760
Bihar	Raxul Bypass Indo Nepal	504	1365	422	1143
Maharashtra	Sholapur	371	1094	269	795
Ports					
Goa	Mormugao	2586	6852	-	-

1.3. Methodology followed

At the outset, exercise for short-listing major TSLs, Ports and Industries were undertaken. On the basis of desk research and in consultation with the client for the selection of TSLs, Ports and Industries, 122 TSLs, 6 Ports and 7 segments of industries with high truck usage were identified. The fieldwork was conducted from 11th June 2008 to 10th August 2008.

1.4. Steps followed in short listing the TSLs

- At the exploratory stage in order to spot the TSLs in the major cities, an extensive primary and desk research was conducted along the Quadrilateral and National Highways with the assumption that these cities are major business hubs and hence truck halting points.
- These cities were marked on a map and were discussed with NACO which also provided the list of local SACS, who had participated in National Consortium on Truckers Intervention.
- IMRB Field representatives met the PD/APD/JD/Transport Commissioners & other officials in apex bodies, government and jointly short listed the cities and TSLs. (The details of the respective meetings are given in the main body of the report).
- The list was also finalized with the assistance from local field managers (office heads) of IMRB across 15 field offices.
- A brief presentation was given during the seminar organized by NACO. The list of TSLs was shared with each of the state representative and their comments/feedback/inputs were incorporated in the final list of TSLs.
- Upon completion of the TSL list, it was again validated by desk research to ensure that the truck halting points selected for the study is of national importance.

1.5. Estimation of the number of truckers at TSLs

The methodology adopted for this study was based on following assumptions

- TSLs are originating / terminating point for all the trucks
- Trucks ply on the same route
- Trucks covering more than 800 kms one way would be termed as long distance trucks
- The Mantab days overall represent any normal day at TSL
- The 200 truckers interviews and their last trip represents their normal trip behavior
- One trip means one round trip – from origin to destination and then back to origin without any deviation in the route

The following formula was used to arrive at the estimated figure of total unique trucks in a TSL is:

$$Y_B = \sum_{i=1} (f_i \times M \times 30) \quad i \times F$$

Where,

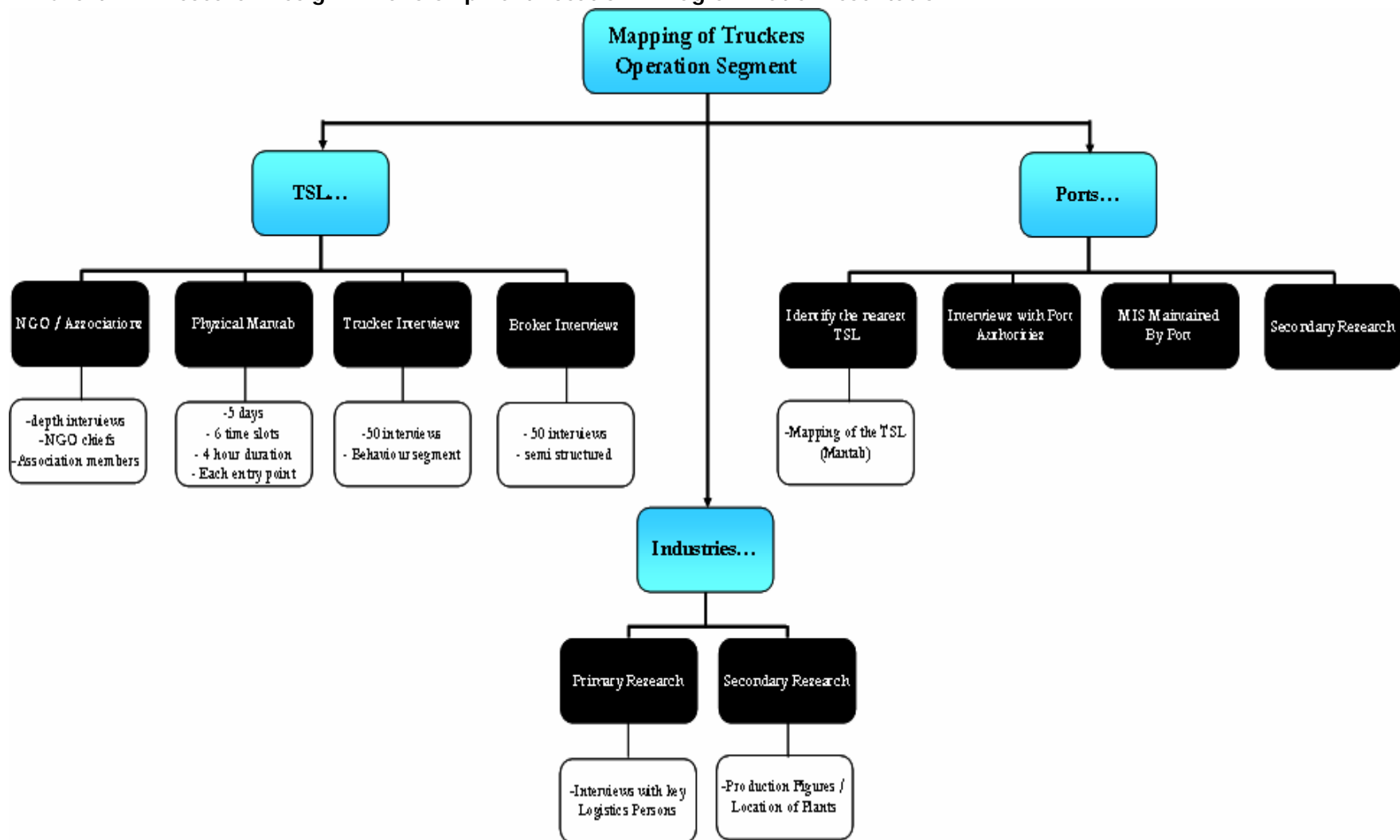
YB = Number of truck in TSL, **i** = Number of visits per month to the TSL

f_i = Number of trucks visiting the TSL i-times per month

M = Mantab for single day **F** = Number of trucks from trucker interview

A multiplier for arriving at unique truckers was based on the data of broker interviews. The multiplying factor was applied on unique trucks calculated for each TSL, thus, giving us an estimate of unique truckers at a particular TSL.

Chart : 1 Research Design – Trans-shipment Location – Diagrammatic Presentation



1.6. Key findings

Trans – Shipment Locations

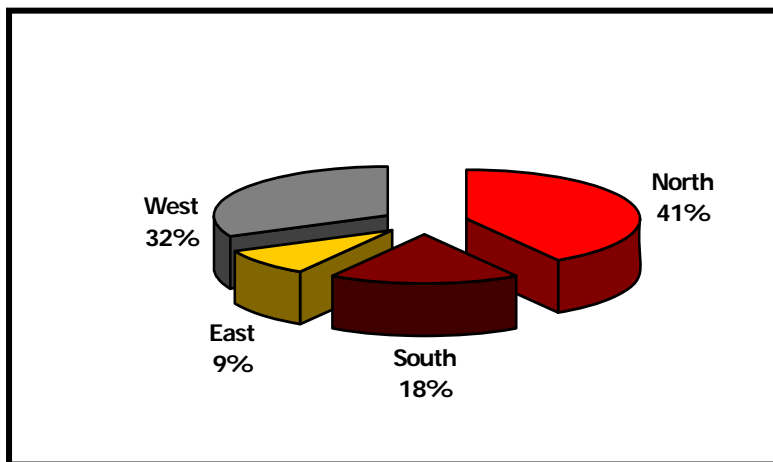
The ensuing text highlights the critical information of this study and summarizes the key points for the assistance of the programme managers. The text below observes the data from different aspects and also gives the category wise and zone wise analysis.

1.6.1. Trans –Shipment Location

State	High Priority TSL	Medium Priority TSL	Low Priority TSL	Total
Andhra Pradesh	4	-	-	4
Assam	-	-	1	1
Bihar	-	1	3	4
Chandigarh	-	1	-	1
Chhattisgarh	2	-	1	3
D & N Haveli	-	1	-	1
Delhi	1	3	-	4
Goa	-	1	2	3
Gujarat	1	4	1	6
Haryana	-	-	3	3
Jammu & Kashmir	-	1	1	2
Jharkhand	-	-	4	4
Karnataka	-	2	7	9
Kerala	-	1	2	3
Madhya Pradesh	1	3	3	7
Maharashtra	3	2	7	12
Mumbai	2	1	-	3
Orissa	-	2	7	9
Pondicherry	-	-	1	1
Punjab	1	2	1	4
Rajasthan	-	6	5	11
Tamilnadu	-	-	2	2
Uttar Pradesh	7	5	2	14
Uttaranchal	-	-	2	2
West Bengal	-	1	8	9
Total	22	37	63	122

The above table explicates the categorization of the TSLs into high, medium and low priority TSLs from the programmatic view point. On the basis of the unique truckers per month, all the TSLs have been categorized into High priority (TSLs having more than 30,000 unique truckers), Medium Priority (TSLs having more than 10,000 but less than 30,000 unique truckers) and Low Priority (less than 10,000 unique truckers). The state-wise break up is given to understand the dynamics of particular state in terms of truckers' traffic so that while designing the programme strategic interventions could be selected in order to reach out to the maximum number of truckers. It can be observed from the table above that around 18 percent of the TSLs mapped attracted more than 30,000 unique truckers hence categorized as High Priority TSLs. Another 30% were categorized as Medium Priority TSLs. In terms of unique truckers per month, Raigarh Kalamboli was the highest (1, 27,872 unique truckers) followed by SGTN in Delhi with 1, 04,468 unique truckers. In terms of unique long distance truckers Raigarh Kalamboli attracted 1, 03,896 unique truckers who traveled more than 800 kms in their last trip. In all there were 17 TSLs located on North West Route Category.

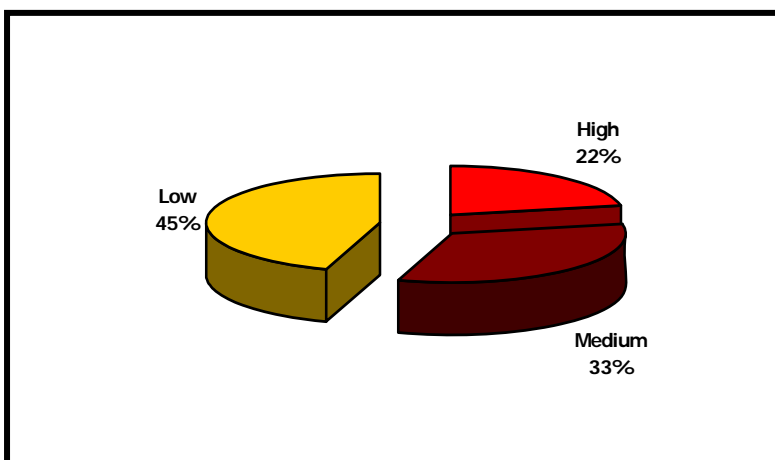
Chart : 2 Zone Wise Distribution of High Priority TSLs



Among the 22 High Priority TSLs, 41% of TSLs were in the North Zone. In North Zone, it could be observed that 50% of the TSLs mapped in Uttar Pradesh were categorized as high priority TSLs as they attracted more than 30,000 unique truckers in a month.

In terms of Long distance traffic, Ludhiana TSL in Punjab received the highest truck traffic (26010 unique Long Distance Trucks and 52020 unique Long Distance Truckers per month) while SGTN in Delhi had highest number of unique truckers in North Zone. In West Zone, 32% of the TSLs were high priority TSLs. Mumbai was biggest contributor in moving up the percentage as 4 out of the 5 TSLs were categorized under High Priority TSLs. It should also be noted that, in western zone, in some of the TSLs like Raigarh Kalamboli, NGOs are already working for the trucker welfare. 18% TSLs have been categorized as High Priority TSLs in South Zone. It is pertinent to note that, in southern zone, all the TSLs in Andhra Pradesh short listed for the survey attracted more than 30,000 unique truckers in month. From East zone 9% of the TSLs have been categorized as High priority TSLs.

Chart : 3 TSL at Golden Quadrilateral



It was observed that among the TSLs mapped, close to 50% of the TSLs were on the Golden Quadrilateral, NS-EW corridors or on other important National Highways like NH 6. From the chart it can be observed that, out of 58 TSLs which lie on Golden Quadrilateral and NS – EW

corridors, 22% are high priority TSLs i.e. 13 TSLs attract more than 30,000 unique truckers in a month. Another 33 % TSLs are medium priority TSLs (10000-30000 unique truckers). It is pertinent to note that out of 19 medium priority TSLs, more than half of the TSLs lie on NH-8 (North West Route Category).

In this survey NGOs/Associations/Unions were also contacted in order to ensure NGOs can play a crucial role in HIV awareness and prevention among the truckers. The qualitative data was triangulated with the quantitative data in order to bring out the willingness of the NGOs/Associations/Unions for partnering with the government agencies and work towards trucker welfare activities.

Discussed guidelines were used to administer various aspects in terms of their functional expertise of these organizations.



Getting into partnership with NGOs could be fruitful as they are willing to work on non-profit basis, which other profit making bodies inclusive of associations are not willing to do. Moreover NGOs have the required knowledge and ready infrastructure which would help NACO to serve the truckers community better. There are a total of 41 NGOs active in multiple TSLs in 24 states. They were mainly engaged in conducting targeted intervention programmes on STI, HIV/AIDS. On regular basis they also organized street plays, exhibitions, Film shows and health camps

aimed at truckers, sex workers and migrant population. Condom promotion and Behaviour Change Communication were the other important interventions taken up by the NGOs. When asked, almost all NGOs were willing to partner with government agencies in order to implement truckers welfare activities. Some of the NGOs like Bhoruka Charitable Trust & Khushi Clinics have presence in multiple TSLs. Also various Truckers Associations and unions in different parts of India are working on truckers' welfare issues such as health awareness inclusive of HIV AIDS, organizing health camps, distributing essential medicines, providing information on traffic rules and at times even establishing facilities such as toilet at select locations. Some of these associations are also engaged in community development activities.

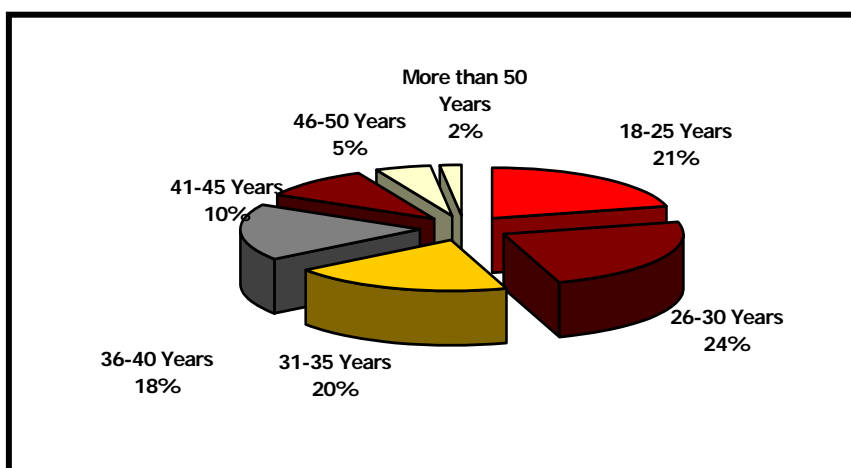
Information was also captured on the various indicators such as respondent profile, knowledge of HIV/AIDS, sexual involvement, condom usage etc. The ensuing text explicates these indicators in detail.

1.6.2. Demographic Profile

The ensuing section sheds light on certain socio demographic characteristics of the truckers/cleaners covered in this survey. These include age of the respondents, their marital status, literacy levels & average no. of days taken to complete one round trip.

Age group

Chart : 4 Age break-up



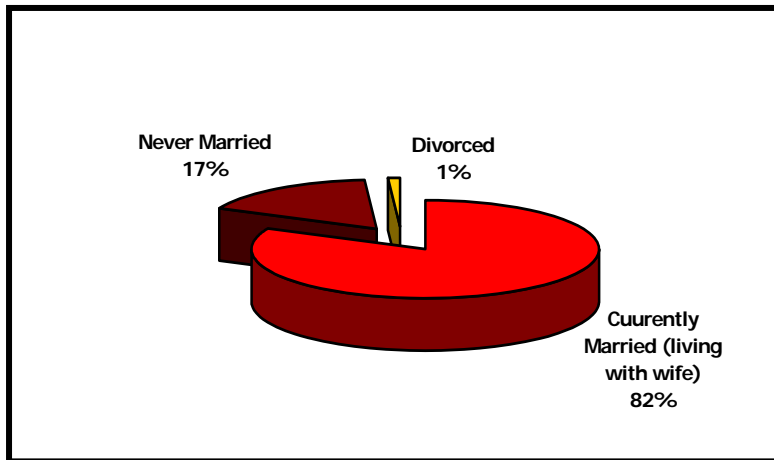
The average age of the respondents was found to be 33 years across 122 TSLs. The average age of the truckers was found to be highest in Pathankot TSL (40.7 years) and lowest was found to be in Mumbai

Wadala Truck Terminus (25.2 years). It was observed that 2/3rd of the respondents were in the younger age group (15-35 years) whereas 1/3rd belonged to the older age group (36 years and

above). Around 1/4th of the truckers were in the age group 26-30 years followed by another 21% of the truckers who were between 18-25 years.

Marital Status

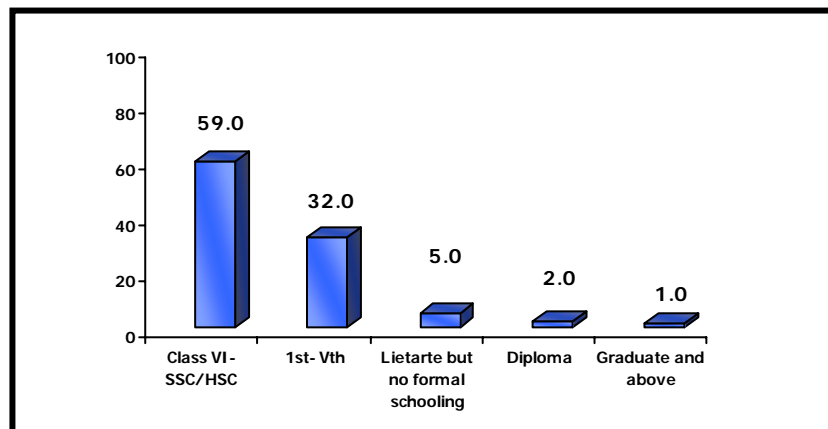
Chart : 5 Marital Status



It was observed from the data that more than 4/5th of the respondents were currently married and living with wife whereas 17% of the respondents were never married. A small proportion (1%) of the respondents was divorced/separated/deserted or were widower.

Literacy Levels

4/5th of the respondents reported that they could read and write whereas only 6% respondents reported that they could read but not write. 14% of the respondents could not read as well as write. Out of those respondents



who could read or write, around 3/5th were those who had completed their primary education. Another 32 percent of the respondents were in the category Class I – Class V. The chart below illustrates the educational qualification of the truckers across 122 TSLs in India.

Average days taken to complete one round trip

It was observed from the data that an average of 10 days was taken to complete one round trip. It is pertinent to note that for the purpose of this survey only long distance truckers¹ were interviewed. More than half of the respondents (52 percent) reported that they took 6-10 days to complete one round trip whereas 26 percent of the truckers reported to take 11-15 days to complete one round trip. The respondents also reported to travel an average distance of 1485 Kms in their last one way trip.

1.6.3. Knowledge of HIV & AIDS

All respondents were asked if they had heard about HIV/AIDS. It was found that an overwhelming majority i.e. 96 percent of the respondents across 122 TSLs in 25 States/UTs had the Knowledge of HIV/AIDS. At an overall level a vast proportion of the respondents had knowledge of HIV/AIDS. Around 96% of the respondents reported of having knowledge of HIV/AIDS across 122 TSLs in 25 states and UT's. A TSL wise comparison revealed that across all the TSLs in the country more than 83 respondents had heard of HIV/AIDS.

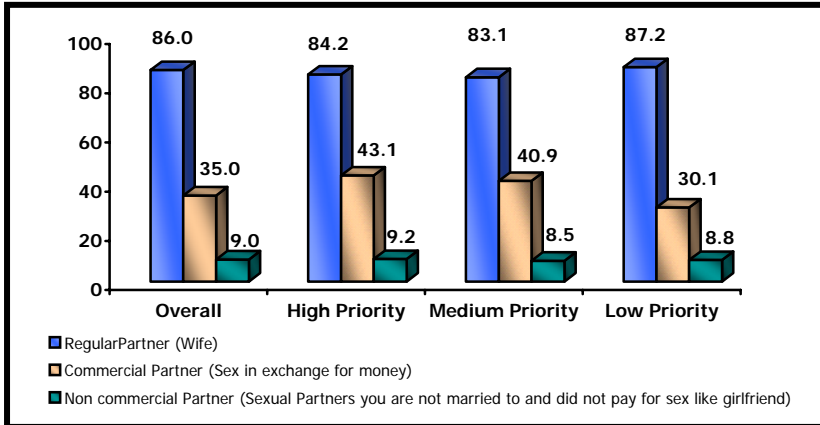
It could be observed from the category wise analysis that there no significant difference in the knowledge of the HIV/AIDS in high priority, medium priority & low priority TSLs.

¹ Long Distance Truckers refer to those truckers who traveled 800 kms or more in their last one way trip.

1.6.4. Sexual Involvement and Condom Usage

Sexual Involvement

Chart : 6 Involvement with different partners



The involvement of truckers within last 3 months with different type of partners was also captured. It was observed from the data that, an overall level, around 86 percent of the truckers had sex with

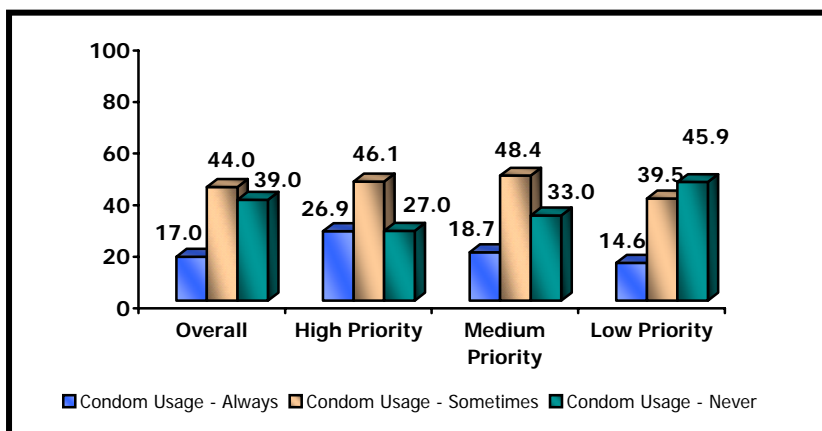
their wife in last 3 months. 35 percent respondents reported to have sex in exchange of money with Commercial partner. Only 9 percent of the respondents reported to have sex with Non commercial partners like their girlfriends, mistress etc. The TSL category wise analysis revealed that 84.2 percent of the respondents in high priority TSLs also had sex with their respective wives in last 3 months. It can also be observed from the chart given above that involvement patterns with different type of partners remained more or less same in high, medium and low priority TSLs.

Involvement with in anal sex with male partner was reported to be low across the TSLs. It was asked to the respondents if they had ever involved in anal sex to which 13 percent respondents reported 'Yes'. The information was also captured for involvement in anal sex with male partner in last 6 months. 6% respondents reported involvement in anal sex with a male partner in last 6 months.

Condom Usage

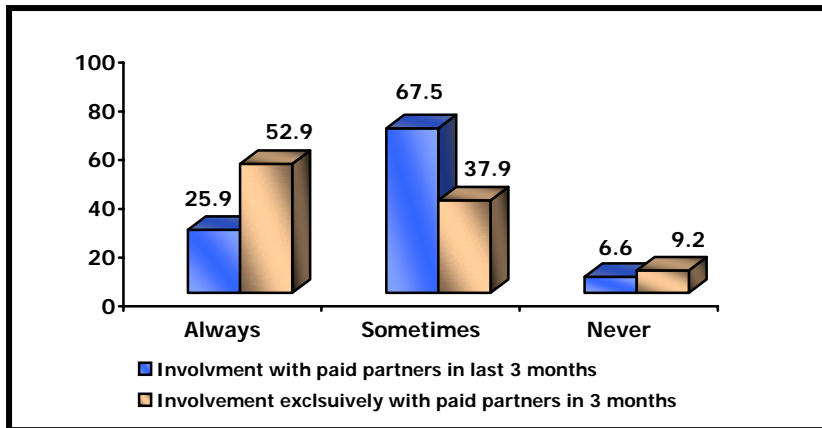
Information on condom usage with different partners in last 3 months was also captured. It was observed from the data that at an overall level 17 percent of the respondents used condom consistently while getting involved in a sexual act. 44 percent of the respondents reported of using condom sometimes while getting involved in sexual act whereas 39 percent reported of never using a condom while having a sexual intercourse.

TSL category wise analysis revealed 27 percent of the respondents in High priority TSLs reported consistent condom usage compared to 19 percent in medium priority and 14 percent in low priority. It is also pertinent to note that respondent's who never used condoms while getting engaged in a sexual intercourse were higher than high priority and medium priority TSLs. This could possibly be attributed to the lack of exposure to the intervention. It is interesting to note that only 20.9 percent of the sites in low priority TSLs had presence of an NGO compared to High & medium priority TSLs where in more than 40 percent of the sites NGO was present. The chart below illustrates the overall and category wise frequency of condom usage.



The data was further analyzed to uncover the frequency of condom usage with involvement of paid partner & those who were exclusively involved with paid partners in last 3 months. It was observed

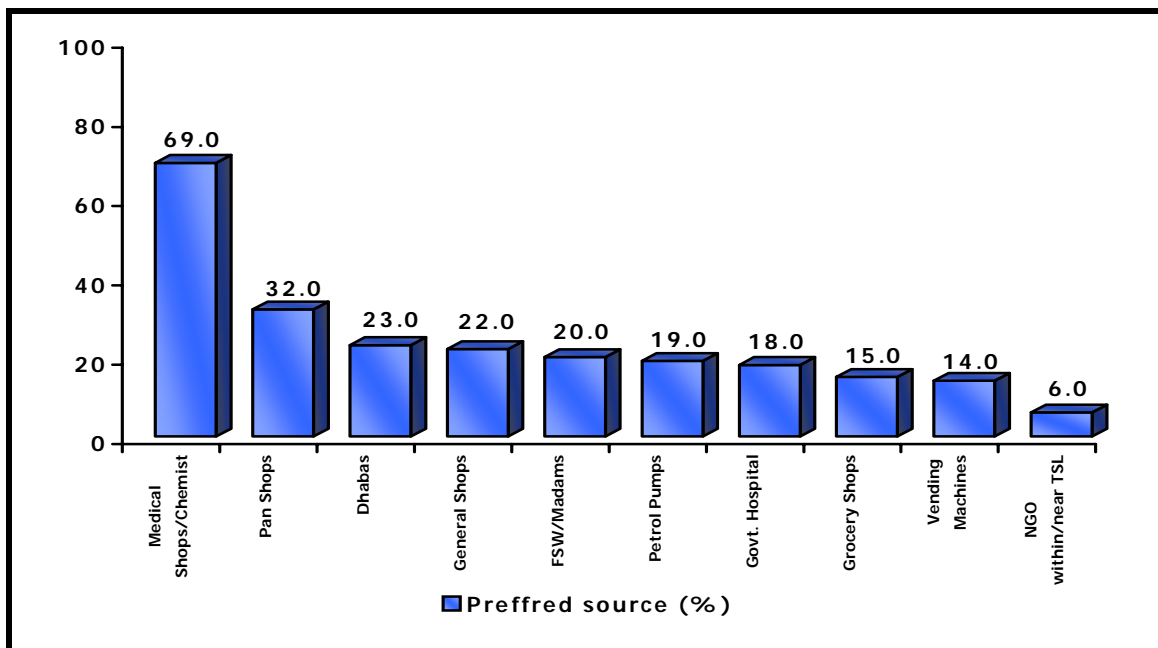
that consistency of condom usage was higher for those respondents who were exclusively involved with paid partners (52.9 percent) compared to 25.9 percent who involved with paid as well as other partners. The condom usage with wife as well with non regular partner was responsible for bringing down the proportions. In contrast to consistent condom usage, 67.5 percent of the respondents who involved with paid and other partners reported to use condoms sometimes compared to 37.9 percent of the respondents' who were exclusively involved with the paid partners.



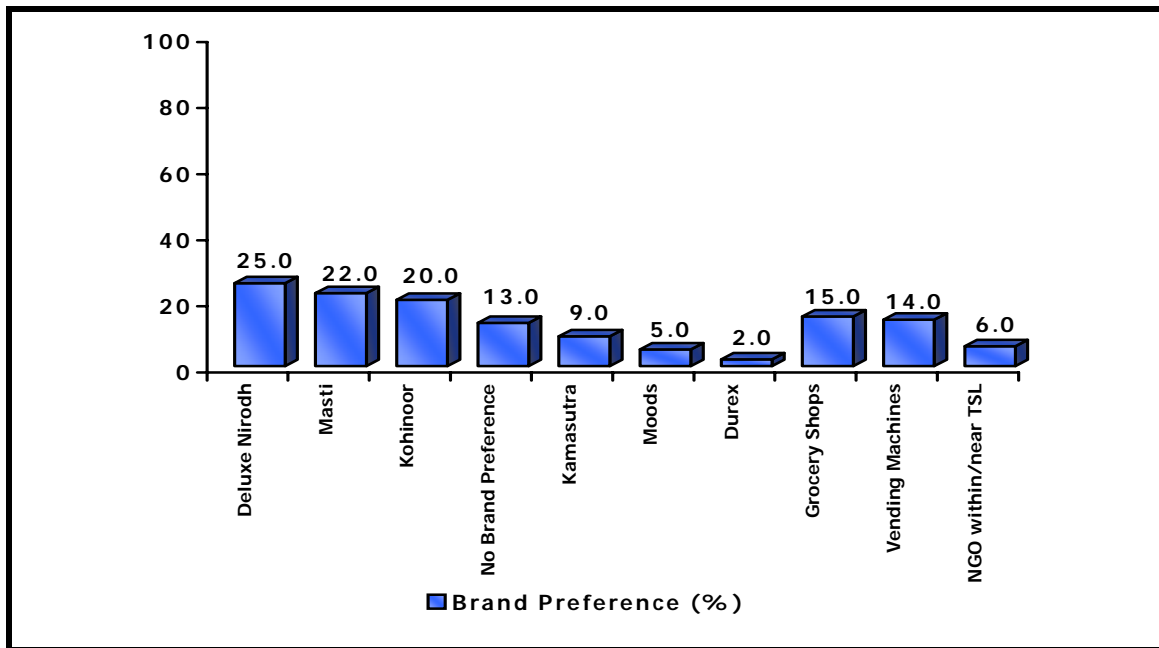
Out of those respondents who reported involvement in anal sex with a male partner in last 6 months, 28 percent of the respondents reported to have consistent condom usage with male partner

whereas 27 percent reported that they used condom sometimes with a male partner and another 43 percent reported that they never used condom with paid partner.

The preferred source of procuring condom was also asked to the respondents. More than 2/3rd of the respondents reported Medical shop/Chemist to be the preferred source of condom procurement followed by 32 percent which reported Pan shop to be the preferred source of condom procurement. More than 1/5th of the respondents also reported Dhabas, General stores & FSW/Madams to be the preferred source of condom procurement. Only 14 percent of the respondent reported condom vending machines and 6 percent reported NGO to be the preferred source of procuring condom.

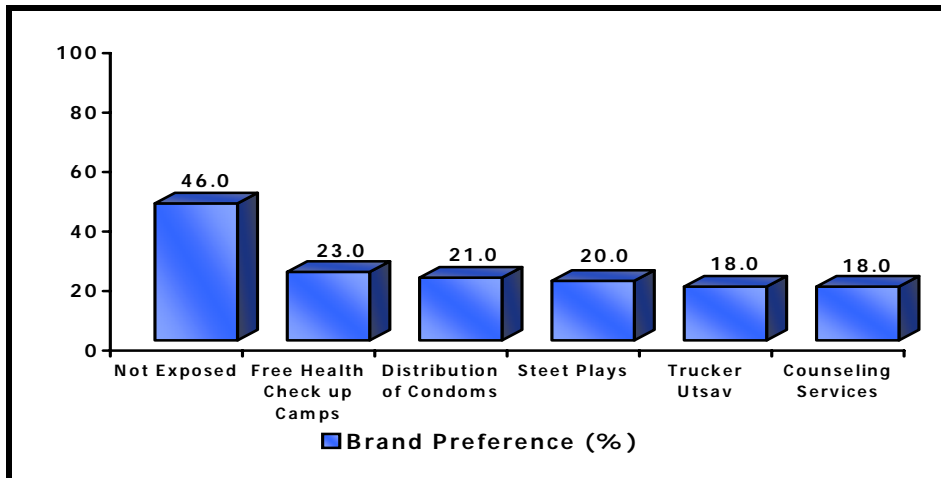


The brand preference of condom was asked to the respondents. Deluxe Nirodh was the most preferred brand as close to 1/4th respondents reported it followed by 22 percent respondents who reported Masti to be the preferred brand. Around 2 percent of the respondents preferred Durex over other brands. Around 13 percent of the respondent reported that had no condom brand preference.



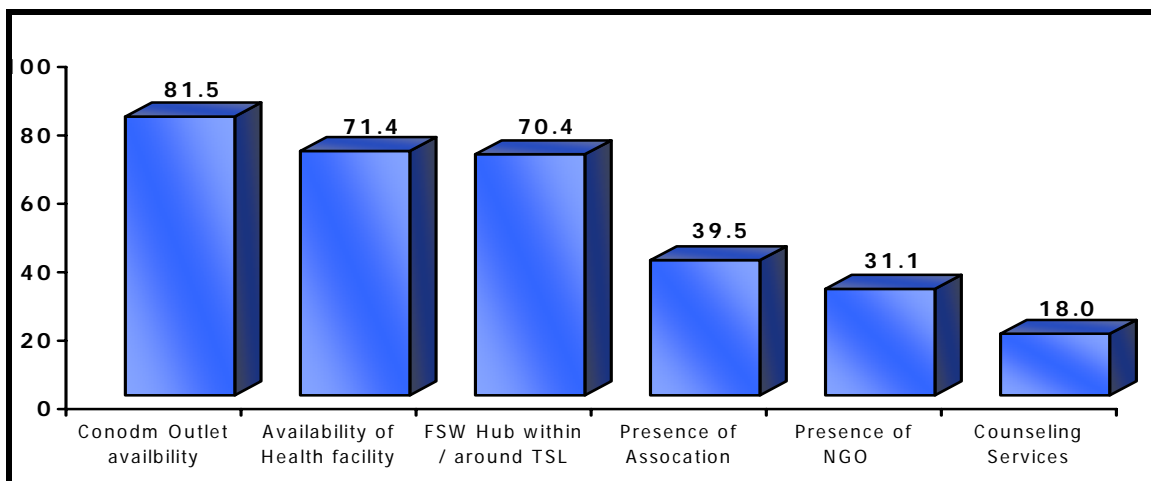
1.6.5. Exposure to Intervention Activities

It was observed that 46 percent of the truckers were not exposed to any intervention whereas 23 percent reported to have attended a free health check up camp. Also 21 percent truckers reported that they received free condoms and 20 percent reported of having watching a street play. In high priority TSLs 25 percent truckers reported that they had attended a Trucker Utsav. This was only around 17 percent in the medium and low priority TSLs. In low priority TSLs close half of the respondents reported of not having exposed to an intervention.



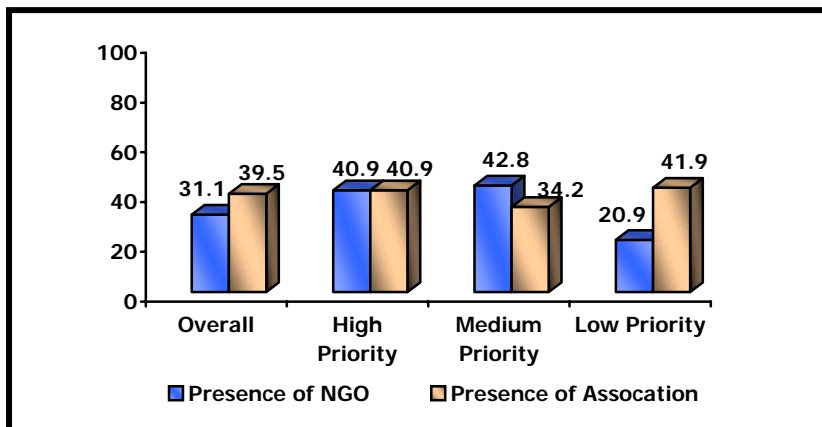
1.6.6. Site Assessment

Site assessment was also done in each of the TSLs. At an overall level the site assessment analysis illustrated that 81.5 percent of the sites had a condom outlet and in more than 2/3rd of the sites there was a health facility available. Truckers in more than 70 percent of the sites reported that there was FSW hub within/around TSL.



TSL category wise analysis depicted that in 86.3 percent of the High priority TSLs has condom outlet available. Around 80 percent of the sites in medium and low priority TSLs also had condom outlet(s) in the TSL. Truckers reported that in more than 4/5th of the sites in high priority TSLs there was health facility available. However only in 2/3rd of the sites in low priority TSLs truckers reported availability of the health facility.

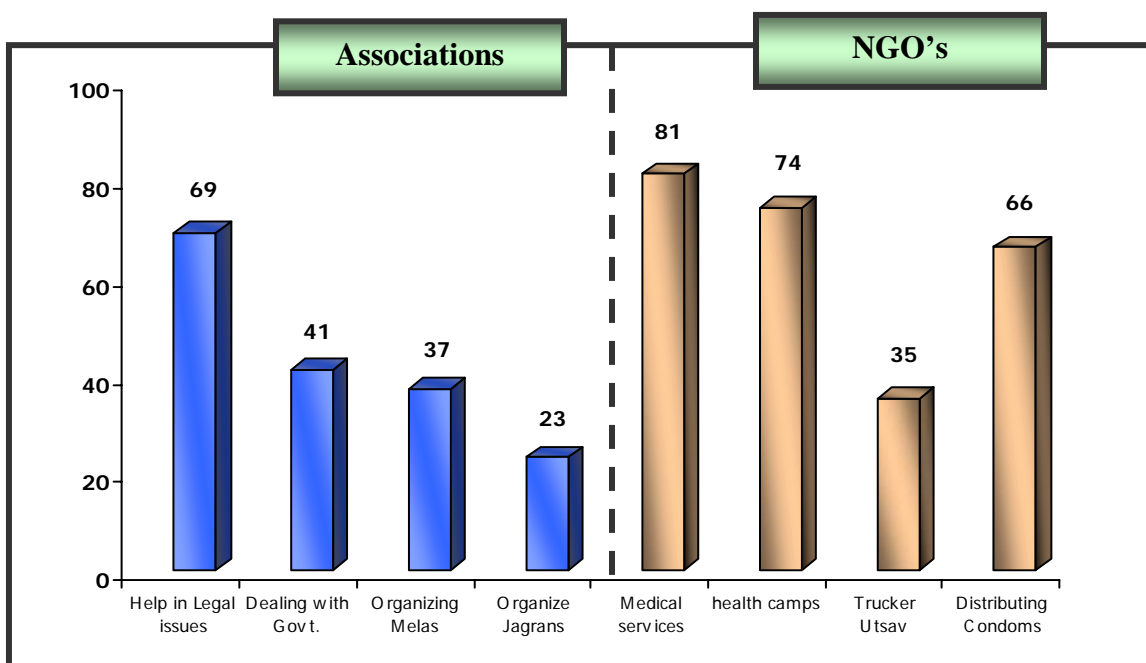
It was also observed that in more than half of the sites (51%) there were private allopathic clinics available. The proportion of private allopathic clinics was the highest in medium priority TSLs compared to high and low priority TSLs. It was seen that in 60% medium priority TSLs there was private allopathic clinic.



It was observed that in 31% of the overall sites there was an NGO present. Also in close to 40 percent of the overall sites there was an association present. Among the high priority TSLs, in more than 40

percent of the sites there was NGO and association present which was higher than the overall percentages. In low priority TSLs in only 21 percent of the sites there was an NGO available which was lower than overall percentage.

1.6.7. Key activities undertaken by NGO's vis-à-vis Associations



The truckers were also asked to if they knew the activities which were undertaken by the associations and NGO's present in the TSLs. It was observed that 69% of the truckers reported that primary activity of association were to provide help and support in legal issues. 41 percent truckers also reported that associations also dealt with the government bodies non behalf of the truckers and trucking companies. On the contrary 81 percent truckers reported that NGO's major

activities were to provide medical services. 3/4th truckers also reported that organizing free health check up camps was also one of the major activities undertaken by the NGO's. It can be observed from the chart above that associations were more involved in the economic and legal issues which are faced by the truckers compared to NGO's whose primary involvement was towards the social welfare of the truckers.

Ports

1.6.8. Trucking Operations at Ports

Trucking industry plays a critical role in transporting goods to the mainland and taking other commodities from the mainland to the ports for export. Trucks in this segment are routed through different sources like - CFS / Warehousing agents and big Shipping agencies. The short listing procedure for ports was similar to that of Trans-shipment Locations. The four major ports mapped for the TCIF mapping study were excluded from the scope of mapping for this study. Subsequent to desk research, experience surveys were undertaken. MIS managers or Traffic Managers were contacted for the information. Following six ports were short listed in consultation with NACO which are marked in the map below.

1. Vishakhapatnam
2. New Mangalore
3. Paradip
4. Mormugao
5. Tuticorin
6. Cochin

It can be observed that an estimated 132,391 unique truckers enter in aforementioned ports every month. Vishakhapatnam port attracts an estimated 47,376 unique truckers per month followed by Tuticorin port with an estimated 22,535 unique truckers per month.

1.6.9. Port Map



Trucking Operations in Industries

1.6.10. Industry

Manufacturing and distribution of finished goods and requirement of raw material makes industries the heavy users of trucks. After discussions with BIRD – a specialist unit of IMRB for Business and Industrial Research the following industries were identified:

- Automobile
- Tyre Industry
- Cement Industry
- FMCG,
- Consumer durable were chosen for study
- Express cargo was also a segment to be studied as these companies mostly operate through road transport.

Among all the industries, Iron and Steel industry and Automobile industries (estimated 35,562 unique trucks and 94,239 truckers in a month) emerged as the predominant/heavy users of trucks followed by Express Cargo industry (13,754 trucks and 178,802 truckers). It was also observed that consumer durable and Tyre industry was not a heavy user of trucks. For consumer durables trucks were not the only option for their transportation as they also used railways and air freight. For Tyre industry, roadways were the preferred option. But their demand was seasonal in nature. FMCG industry used lowest number of trucks because of their decentralized production and less voluminous product portfolio.

CHAPTER 2

INTRODUCTION²

This study has been undertaken for National AIDS Control Organization (NACO). NACO has focused its targeted interventions (TI) only on the key population but considers it important to have interventions with the bridge populations such as the Long Distance Truck Drivers and Migrants. This report focuses on the mapping of the major halt points at which the Long Distance truck drivers can be effectively intervened with. In this context, a National Guideline and Strategy for implementing interventions among the Long Distance Truck drivers has been developed by NACO. It has been the experience of the projects implementing interventions among the long distance truck drivers that by effectively choosing the intervention locations (a limited number) about 80-90% of the long distance truck drivers can be covered. Based on this learning NACO had commissioned this mapping study to identify the strategic halt points at which interventions need to be commenced in order to cover the long distance truckers.

Under NACP III, the strategy for truckers' intervention will operate at three levels:

- National Networked Targeted Trucker Intervention (NNTIT)
- Structural interventions at the national and State level
- Local interventions for high-risk truckers

A central strategy of India's National AIDS Control Programme III (NACP III) is to reduce sexual transmission of HIV within high-risk sexual networks, and from these high-risk networks into the general population. Accordingly, NACP III prioritizes HIV prevention among truckers as a key programme component. Reaching truckers with effective HIV prevention programmes and services is important for a number of reasons:

- ❖ Evidence in India and elsewhere shows that the community of truckers is vulnerable to HIV due to a higher prevalence of risky sexual behaviour, which results from a variety of social and economic factors as well as their work patterns.
- ❖ Reportedly, close to 36% of truckers are clients of sex workers and 15-20%² of clients appear to be truckers. Therefore, truckers represent a key "sub-segment" of the total male client population.
- ❖ Because long-distance truckers move throughout the country, those who are at higher risk of HIV can form transmission "bridges" from areas of higher prevalence to those of lower prevalence.

CHAPTER 3

BACKGROUND

Long distance truck drivers have been identified as a high-risk group due to their practice of seeking sexual favors from commercial sex workers which can be attributed to their long stretches of absence from home. This group often indulges in unsafe sex practices, which makes them susceptible to sexually transmitted diseases.

Moreover, the truck drivers travel across the length and breadth of the country, and hence become the bridge population responsible for spreading the disease. Therefore, controlling the spread of HIV/AIDS among this population and encouraging safe sexual practices becomes critical

A majority of players in this industry have been small entrepreneurs running family owned businesses. Given their small scale and limited investment capability, most of their investments have been focused on short term gains - direct and immediate impact on the top line / bottom line of the business being the key decision criterion. As a result, investments that pay off in the longer term, such as those in welfare activities, have been minimal historically. Also, these businesses are typically tightly controlled by the proprietor and his / her family and as such, making it unattractive for professionals. Poor working conditions, low pay scales relative to alternate careers, poor or non-existent manpower policies and prevalence of unscrupulous practices have added to the segment's woes creating the image of a segment that holds few attractions for those seeking employment. While industry players have been incapable of investing in welfare activities, the government has also not focused sufficiently on the same.

India has about 3.3 million km of road network, making it one of the largest networks in the world. This figure includes expressways, National Highways, State highways and major district roads and rural roads. It is estimated that 65%-70% of the nation's cargo handling is done by road, with the remaining 35% by rail. National Highways are the prime arterial route, covering about 65,559 km. Although National Highways constitute only 2% of the total road network, they bear approximately 40% of the total traffic. The Ministry of Road Transport and Highways states that as of 31 March 2003, the total number of registered motor vehicles in India was 6,735,291, of which 2,159,824 were multi-axle/articulated vehicles (i.e. trucks and lorries).

The Asian Institute of Transport Development (AITD) gives a figure of around 5 million truck drivers in India. This estimate is based on the assumption that there are about 2.5 million trucks in the country and that each truck has two drivers. Similarly, the report of a study by the Indian Institute of Health Management Research quotes a figure of about 5-6 million truckers (i.e. truck drivers and other crew members) in India. Among them, about 40%-50% (or about 2-2.5 million) ply on long-distance routes. Given the rise in the number of trucks operated for goods transportation, the total number of truck drivers in the country is expected to double in the next ten years.

With highways stretching to a total of 65,569 kms, India has one of the largest road networks in the world and around 5 million truck drivers ply on these routes. With buoyant demand for products, there has been an increase in the demand for truck drivers by various transport companies. In the quest of a good job, these drivers take up the assignments in different parts of the country and stay away from their respective families.

Truckers as a group have higher rates of HIV and STIs (11% and 23% respectively according to one survey in South India) than the average male. Their mobility contributes to the geographic spread of HIV in India. HIV prevention programmes focused on truckers have been in place for the last decade or so. However, the mobile nature of the population and the highly fragmented structure of the Indian transport industry make it impossible for any single, stand-alone intervention to establish a sustained relationship / dialogue with the population, no matter how creative the behaviour change messaging at a single location may be. Truckers are not a homogeneous population; they encompass at least nine major ethnicities / regions. There are also substantial differences in the duration of time truckers spend away from home. By virtue of the routes they travel, long distance truckers spend a longer contiguous period of time away from home than do short distance / regional truckers. They also have the potential to take the epidemic from the southern to the northern states over a longer period of time. It is implicitly assumed that regional/ethnic differences, together with differences in duration of time spent away from home contribute to degree of vulnerability to HIV.

Due to the nomadic lives they lead, the high pressures of job and long absence from their families make them vulnerable and easy prey for commercial sex workers. Interestingly, it is the long distance truckers who are more prone to susceptible behavior and unhealthy environment along the highways. Most of these drivers may not visit commercial sex workers but they do have casual sex.

The overall goal of the 3rd Phase of the NACP is to halt and reverse the epidemic in India over the next 5 years by integrating programmes for prevention, care, support and treatment. This will be achieved through a four-pronged strategy:

1. Prevention of new infections in high risk groups and general population through:
 - a. Saturation of coverage of high risk groups with targeted interventions (TI)
 - b. Scaled up interventions in the general population
2. Providing greater care, support and treatment to larger number of PLHA.
3. Strengthening the infrastructure, systems and human resources in prevention, care, support and treatment programmes at the district, state and national level.
4. Strengthening the nationwide Strategic Information Management System.

NACP III has adopted a decentralized approach to underscore the need for different responses for different stages of the epidemic in each state. The most cost-effective means of reducing HIV spread is through the implementation of Targeted Intervention (TIs) amongst persons most vulnerable to HIV/AIDS, such as sex workers, truck drivers, migrants, men who have sex with men, and injecting drug users. Both NACO and the State place a high priority upon full coverage of the state with TIs.

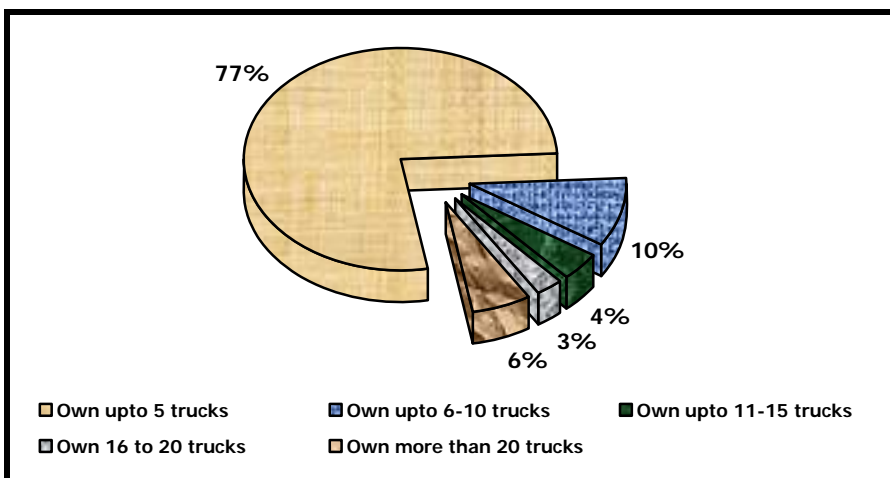
CHAPTER 4

SURFACE TRANSPORT IN INDIA

Surface transport, by the virtue of its inherent advantage, has been the dominating sector for over a period of time. However, this industry till date operates in an unorganized framework. As per 2005 figures, road freight industry is worth about INR 1.42 trillion and was growing at about 6-8% annually (KPMG). It carries seventy percent of the freight traffic and contributes 3.69% to the GDP (MDRA).

India's trucking industry is deregulated and, as in many countries, highly fragmented. This fact could be further corroborated by contemplating on the truck owner profile in India.

Chart : 7 Ownership of Trucks



Source: Deloitte (2003)

The ownership pattern in trucking industry is highly skewed. For example, about 77% of the truck owners own a fleet size of upto 5 vehicles, 10% between 6 to 10 vehicles, 4% between 11 to 15 vehicles, 3% between 16 to 20 vehicles and the remaining 6% own more than 20 vehicles. Most of the operators entered this industry because it was their family business, hence attributing to the dominance of small operators in the industry.

Given their small scale and limited investment capability, most of their investments have been focused on short term gains - direct and immediate impact on the top line / bottom line of the business being the key decision criterion. As a result, investments that pay off in the longer term, such as those in welfare activities, have been minimal historically. Also, these businesses are

typically tightly controlled by the proprietor and his / her family and as such, making it unattractive for professionals. Poor working conditions, low pay scales relative to alternate careers, poor or non-existent manpower policies and prevalence of unscrupulous practices have added to the segment's woes creating the image of a segment that holds few attractions for those seeking employment. While industry players have been incapable of investing in welfare activities, the government has also not focused sufficiently on the same.

Following are the unique characteristics which constitute the basic structure of trucking industry in India²

1. Preponderance of small operators
2. Their dependence on intermediaries for all or some of the functions (receiving, aggregating, handling and delivering goods, marketing of services)
3. Invisibility of this sector to the transport planners and the policy makers
4. Low productivity
5. Lack of wayside amenities

Logistics is comparatively a new term, but not the operation. Logistics has existed since the beginning of civilization. Raw material and finished products had always to be moved, though on a small scale. Things began changing with the advance in transportation. Population began moving from rural to urban areas and to business centres. No longer did people live near production centres, nor did production take place near residence centres. The geographical distance between the production point and consumption point increased. And logistics gained importance.

The globalization, the free market and the competition have required that the customer gets the right material, at the right time, at the right point and in the right condition... at the lowest cost.

India is in midst of an unprecedented boom. Most industries are witnessing very strong growth rates and the economy is growing at above 8 percent. Both industrial and consumer goods are witnessing increased demand and this growth is in turn leading to a similar boom in a relatively lesser noticed but significant sector that supports most industrial activity the logistics sector.

² Thukral K.L., "Enhancing the Quality of Trucking Services in India", Asian Institute of Transport Development, Delhi.

Healthy economic growth in India is increasingly supported by robust industrial growth. One of the relatively lesser known but significant sectors that support almost all industrial activity - the logistics sector - is also witnessing this growth as a follow through.

Since the industry is so fragmented and scattered, it was a massive task to map them. The first step was to understand the trucking operations and locate areas where a sizeable number of trucks halt for a long time and the truckers are in a relaxed state. No information is available on the critical variables required for the mapping of this kind.

We can categorize the trucking operations into major segments depending on the nature of their dependence on trucking industry as follows:

1. Trans-shipment Locations
2. Ports
3. Specialized Cargo
4. Express Cargo

Though each of these segments involves heavy usage of trucks for their operations they differ in their trucking operations.

CHAPTER 5

OBJECTIVE OF THE MAPPING STUDY

The **purpose** of the mapping study was to

- a) To identify the major strategic locations for interventions
- b) To understand the nature / demographics of truckers at these locations
- c) To identify the major stakeholders (Brokers / NGOs / Associations / Social bodies / Forums / Doctors based at the TSLs) in the locations, their capacity and willingness to carry out prevention interventions among long distance truck drivers.

5.1 Research Objectives:

- 1 List and identify the major halt points along the major highways in India including: the main transshipment locations (TSLs) and the satellite transshipment locations and other major halt points (~ 100 totals, across the country). The major halt points would include Main TSLs; satellite TSLs, Ports, and Specialized Cargo & Express Cargo segments.
- 2 Estimate the number of trucks that pass through the halt points through fixed period tabulation.
- 3 Identify and list the number of unions, brokers and agencies that are available at each transshipment locations along with any association or federation of these agencies
- 4 Collect more information on Truckers and halt points like – Number of trucks on a given day / major routes / Cycle time etc required for estimation and to understand the nature and modalities at each major location of truckers/ other key stakeholders
- 5 Identify seasonal fluctuations if any and the impact of trucks arriving at TSL
- 6 To arrive at an estimate of long distance and short distance trucks that halt at the transshipment locations, and the average number of days away from their home.
- 7 To understand key risk behaviors of truckers at these halt points.

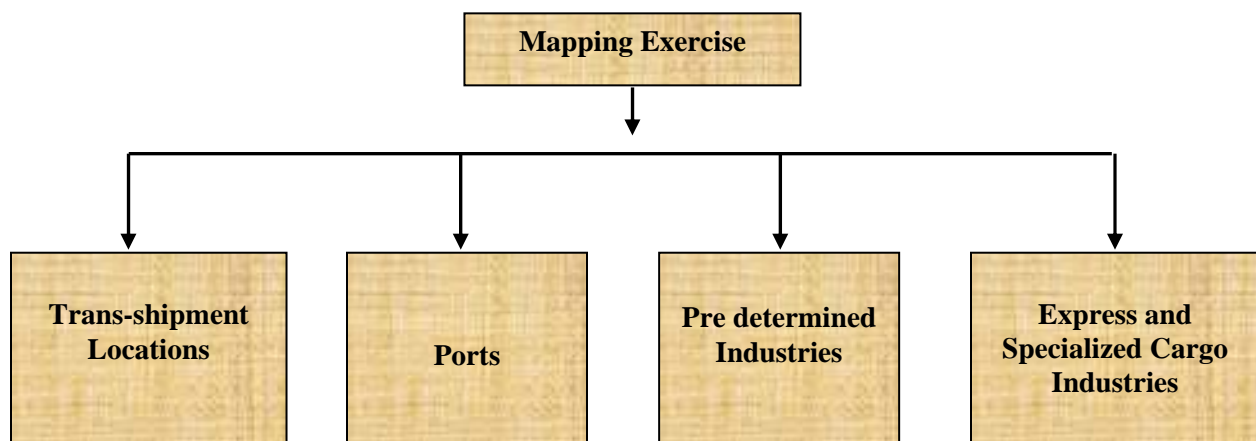
- 8 To understand truckers access to key health services at the halt points, e.g. condoms, STI treatment.

CHAPTER 6

RESEARCH DESIGN AND METHODOLOGY

The first task was to categorize trucking operations into major segments depending on the nature of their dependence on trucking industry. Four segments were identified for this mapping exercise.

Chart : 8 Research Design



Each of these segments is a heavy user of trucks for its operations. All four segments differ in their trucking operations and hence the mapping methodology adopted for each of them was different.

The broad purpose of choosing TSLs as one of the segments was that all the logistical planning and activities, loading & unloading, broker transaction etc takes place at transport nagars. Hence, all trucks come to these points for business through broker network. Therefore, it became an important strategic location for the purpose of this study.

The rationale behind selecting ports was that trucking industry plays a critical role in transporting goods imported through ports to the mainland and taking other goods from mainland to ports for export. Trucks in this segment are routed through different sources like - CFS / warehousing agents and big shipping agencies. The port operation for trucks is a little complex as all trucks involved in this segment do not come till the port gate. Interview with port authorities, MIS maintained by them and a lot of secondary information was used for mapping this segment. In ports, primarily, transporter services are consumed.

Pre-determined industries also became a choice for this project as industry also heavily uses trucking services for bringing in raw material from different parts of the country and transporting finished goods to different parts of the country. Trucks in this segment primarily operate through transporters, transport operators and 3PLs on contractual agreements. First, the industries were short listed based on their nature of truck utilization and then major companies from each of these industries were selected for further in-depth research. Detailed interviews with relevant officials in these organizations, related MIS and secondary information was triangulated for mapping this segment.

Express and specialized cargo industries were primarily chosen by virtue of the nature of the industry. This segment operates through their own fleet as well as a hired network of trucks. More organized MIS was available for this segment as trucks happen to be the primary focus in their business and mapping was done based on the MIS maintained by the industry leaders in this segment.

Considering the objectives of this research, the ensuing discussion can be broadly categorized into three sections. Each of these sections gives elaborate details of the design, methodology and findings for each of the three segments viz., TSLs, Industries and Ports.

TRANS-SHIPMENT LOCATIONS

CHAPTER 7

TRANS – SHIPMENT LOCATIONS

7.1 Introduction and Background

TRANS-SHIPMENT LOCATIONS (TSLs) often referred to as transport nagars (towns), are the key loading and unloading points for trucks carrying regular cargo. The business at these TSL's operates mainly through brokers and transporters. These TSLs or transport nagars specifically cater to the needs of truck drivers where they can park their vehicle and rest for hours/days. It usually has all the amenities like weigh bridge, repair shops, forwarding agents, dhabas, toilets, rest rooms etc.

These junctions become strategically important for this project as large pool of truck drivers coming in from different parts of the country could be tapped on such points. However, because it is a highly unorganized and fragmented segment, as detailed in the section earlier, ascertaining the number of truck drivers was an intriguing task. There are no specific points of data available that can report the number of trucks/ truckers visiting the TSL.

It is primarily composed of three types of enterprises as described below³:-

Transporter: These are trucking companies which have the primary contact with shippers and receiving customers. They solicit freight, largely on annual price quote basis, bill, collect and carry the accounts receivable, are responsible for cargo loss and damage claims and perform the other customer service functions. Some like Transport Corporation of India (TCI) are fairly substantial enterprises with many business locations. They typically own a fleet of trucks and often warehouses and terminals as well. But they rely primarily on small truck operators for their line-haul (intercity transportation).

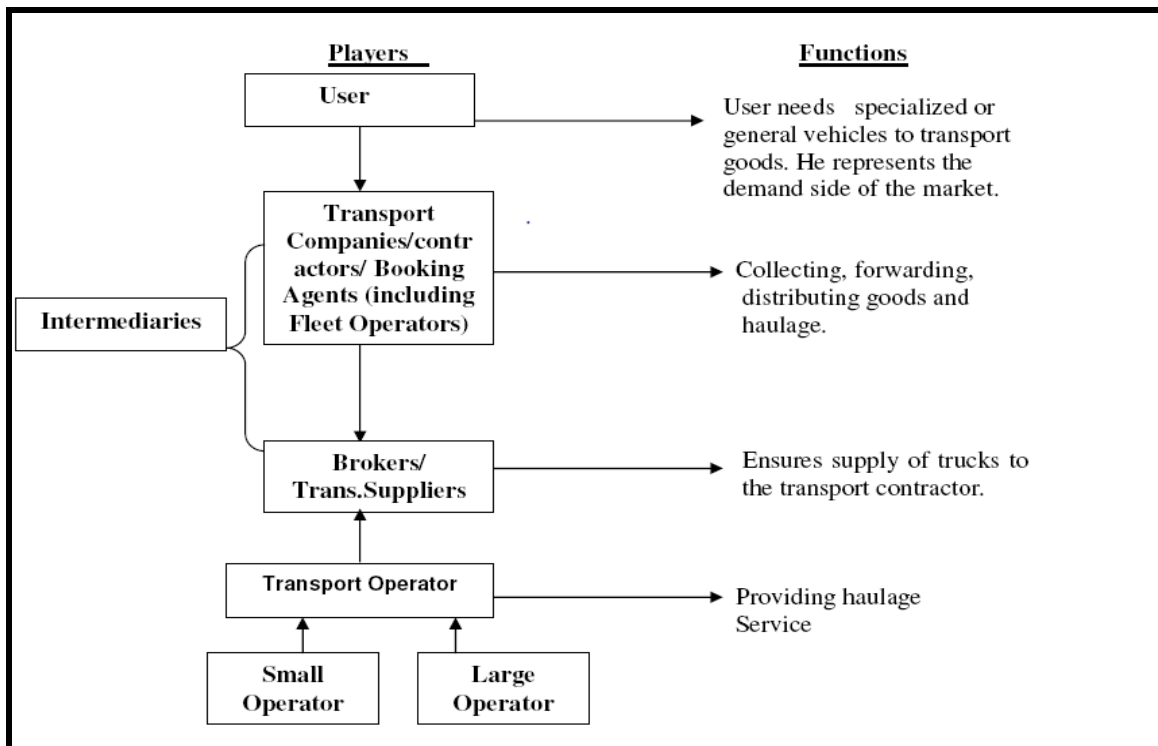
Truck Operators: These individuals (often called owner-operators) typically own one or a very small fleet of trucks, which usually are financed by high-leverage debt. They usually drive the main truck and other drivers are family members or are personally known to the owners. In India virtually all of these trucks are two driver units with a helper. These people virtually live in truck, following the traffic flows and going home primarily when the load they are carrying takes them

³ Efficiency of Road Transport Industry in India

nearby. They contract with the transporter to perform the intercity transport of freight which the latter has contracted for with the shipper.

Brokers/Agents: These parties have relations with the truck operators and provide those operators to the transporters. They play a necessary role in India because they act as a quality control on the reliability of truck operator and means of facilitating prompt loading by the operators. His role is, primarily, of a middleman where he accepts the job from the client and out-sources it further to a transport operator or to a transporter.

Chart : 9 Market Players and their Functions



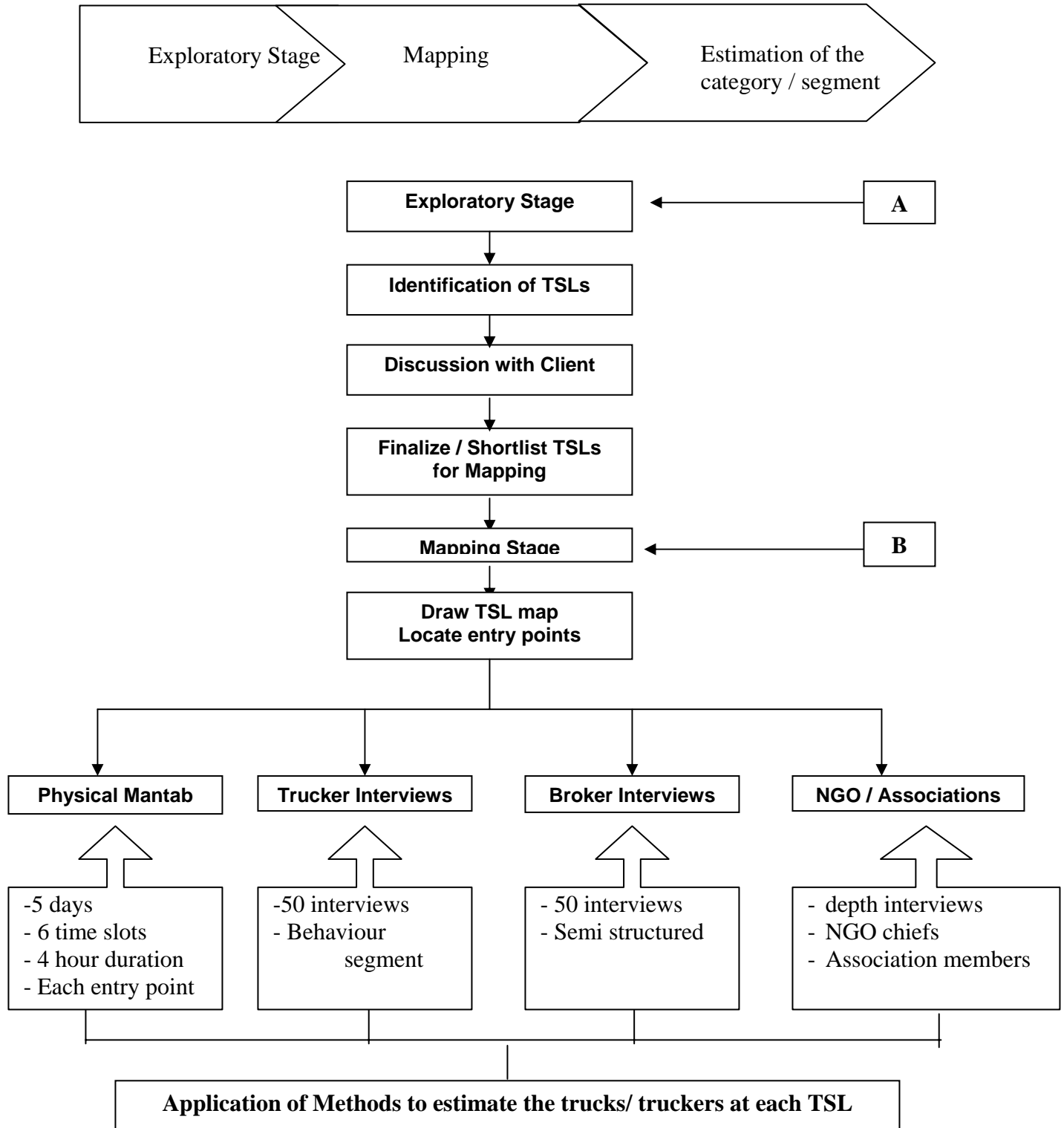
The first step was to understand the trucking operations and locate areas where a sizeable number of trucks halt for a long time and the truckers are in a relaxed state.

7.2 Challenges

- *Non availability of ready information (secondary source) due to the unorganized way of handling business*
- *Movement / Mobility also makes it complicated to estimate*
- *No defined / fixed structure in the movement pattern*

7.3 Design and Methodology

A three stage comprehensive design was used to Map the TSLs and estimate the number of truckers there:



(A) Exploratory Stage

First stage of the study was to identify the list of major cities where we can spot trans-shipment locations. Some of the choices were unanimous like Indore, Kanpur, Varanasi, Bangalore, Pune etc. However, an extensive primary & desk research was required to shortlist the cities in order to select 100 TSLs amongst them.

Process of shortlisting TSLs is detailed below:

→ Identification of major cities along Golden Quadrilateral and National Highways

IMRB mapped major cities along the Golden Quadrilateral and National Highways with the assumption that these cities are major business hubs and hence truck halting points. These cities were marked on a map and were discussed with NACO.

→ List from Mr. Tarun Vij

A suggestive list from Mr Tarun Vij was made available to IMRB. It had names of cities/locations in country where there was major concentration of trucks and was duly incorporated in the final list for this study.

→ Meeting with local SACS/ Association

With the list of local SACS, who had participated in National Consortium on Truckers Intervention, provided by NACO. IMRB Field representatives met the PD/APD/JD/Transport Commissioners & other officials in apex bodies, government and jointly short listed the cities and TSLs. The details of the respective meetings are given on the next page:-

Also SACS officials, other than the list provided by NACO, were contacted by IMRB representatives. Their contact addresses were obtained from their respective websites.

→ **Past experience of Local Field Managers across our 15 field offices**

The list was also finalized with the assistance from local field managers (office heads) of IMRB across 15 field offices. An extensive discussion was carried out with each field office head and other details given below were collected.

- Type of TSL (Organized OR Unorganized)
- No. of brokers/transport offices in the TSL
- No. of trucks that can be accommodated in parking space
- Nearest CSW hubs
- Approx physical counting of trucks standing in the TSL
- Nearest National Highway
- No. of entry points
- Map of TSL marking CSW hubs, NH, NGOs, Health facilities

→ **Discussion with SACS Joint Directors in NACO Seminar**

Researchers personally went and met with Joint Directors/Assistant to Joint Directors from various states during NACO seminar. A brief presentation was given during the seminar and also the list of TSLs was shared with each of the state representative and their comments/feedback was taken into consideration. Their inputs were incorporated in the final list of TSLs.

→ **Exploratory Search**

Researchers also made visits to Sanjay Gandhi Transport Nagar (S.G.T.N) where they spoke to truck drivers and transport owners. A structured format was followed where information was only gathered from respective truck drivers/owners on the route which they normally travel. This was done to avoid outliers and get correct & credible information. For e.g.: Delhi Assam Roadway was contacted for identifying TSLs in Assam.

→ **Validation of list through desk research**

Upon completion of the TSL list, it was again validated by desk research to ensure that the truck halting points selected for the study is of national importance.

B: Training & TSL Mapping Exercise

Subsequent to selecting TSL's for mapping, training of trainers in different centres commenced. The objective of the study was to explain the details and the procedures which need to be adopted for execution of this study.

A comprehensive training along with training docket was provided to the field executives, supervisors & investigators on the following topics

- Key objectives of Survey
- Research tools and sample size
- Flow of activities
- Administration of tools
- Sampling methodology
- Interviewing techniques
- Quality Control
- Ethical Concerns during Fieldwork

Sex & Sexuality issues

A de-sensitization briefing happened for investigators who would be working on trucker behaviour segment. A separate batch of investigators will be recruited who have prior experience conducting HIV/AIDS studies.

Confidentiality of the information provided by the respondent

Investigators were also trained on the ethical and confidential issues. The nature of the study makes it very important for the investigator to respect the right to confidentiality of the respondents. More importantly, the investigator will maintain confidentiality regarding the respondent's identity.

Steps followed for Informed consent

- The study demands free and fair usage of respondents' right to know the purpose of the investigator's visit. The investigator was informed about the respondents nature and purpose of the study clearly
- The purpose of the survey would be clearly mentioned to the respondent and his acceptance and willingness to participate in the study was taken prior to starting the interview.
- The respondent was given the freedom to walk-away at anytime during the interview if he would not find the questions comfortable to answer.

- Dignity & self-respect of the respondent was given due importance.
- A good rapport was build up through an intensive warm-up exercise with the respondents prior to proceeding into the discussion on sensitive issues for ensuring accurate and frank information.

Rapport Building

- Initial 10 minutes of the conversation was focused on convincing the respondents on the nature of the study and developed comfort levels by clarifying the issues the respondents might have with the nature of the data requirement.

Avoiding the group / paired interviews

- To keep the respondents in a comfortable situation the interviews was conducted without disturbance from their friends and peers.

Interviewing Skills

- Interviewer remained unbiased and non judgmental to any of the responses. He respected the respondent and stayed empathetic during the entire process.

7.4 Fieldwork Launch

Investigators not found capable for this project were either replaced or they were retrained & reviewed again.

On completion of training, mock calls were undertaken to ensure the quality of investigators and then field work was launched. The span of field work in each TSL was around 5-8 days. The investigators filled following schedules in each TSL.

Schedules/Research Tools	Sample Size per TSL
Mantab Sheet	Mantab exercise for 72 hours split into 18 time slots of 4 hour duration each - across 5 days
TSL Profiling sheet	1 for TSL
Trucker Information Sheet	200
Trucker Behaviour Sheet	50
Brokers/ Transport Owners interview	50
Discussion guide line	With key Stockholders

On the first day of this exercise, a map of the TSL were drawn by the supervisor, for identifying the transport offices/brokers, truck parking spaces and entry and exit points

7.4.1 Mantab Sheet

Following schedule was followed for mantab to cover the peak and off-peak hours.

Days	Day 1	Day 2	Day 3	Day 4	Day 5
7.00 am – 11.00 am		✓		✓	✓
11.00 am – 3.00 pm	✓			✓	✓
3.00 pm – 7.00 pm	✓	✓	✓		
7.00 pm – 11.00 pm			✓	✓	✓
11.00 pm – 3.00 am	✓	✓	✓		
3.00 am – 7.00 am			✓	✓	✓

The field staff was deployed at the entry point(s) [entry points are being mapped on the first day by supervisor] at aforementioned time slots across five days and physical mantab exercise took place to count the number of trucks entering TSL.

7.4.2 Trucker Information Sheet (TI)

Following schedule was followed for truck information interviews

Days	Day 1	Day 2	Day 3	Day 4	Day 5
7.00 am – 11.00 am		13 (TI)		10 (TI)	10 (TI)
11.00 am – 3.00 pm	13 (TI)			10 (TI)	10 (TI)
3.00 pm – 7.00 pm	13 (TI)	13 (TI)	10 (TI)		
7.00 pm – 11.00 pm			10 (TI)	10 (TI)	10 (TI)
11.00 pm – 3.00 am	13 (TI)	13 (TI)	10 (TI)		
3.00 am – 7.00 am			10 (TI)	10 (TI)	10 (TI)

For trucker information sheet, investigators selected the truck driver by simple random sampling method and fill in the required information.

7.4.3 Broker/Transport Owner Interview

For broker interviews, supervisor would map the transport offices on the first day by dividing the TSLs in equal geographical clusters and select 50 brokers proportionately in each geographical cluster.

7.4.4 Trucker Behaviour Sheet

For trucker behaviour interviews, separate set of investigators were used who had prior knowledge of working on HIV/AIDS studies and who were sensitized on sex and sexuality issues.

The trucker area was divided into equal geographical clusters and sample will be distributed proportionately across all the geographical clusters. The listing of the trucks standing in each geographical cluster would happen, subsequent to which respondents were be selected by systematic random sampling.

(C) Projections and Methods to estimate the number of trucks at TSLs

Assumptions

- TSLs are originating / terminating point for all trucks
- Trucks ply on the same route
- Trucks covering more than 800 kms one way would be long distance
- The mantab days overall represent any normal day at TSL
- The 200 truckers interviews and their last trip represents their normal trip behavior
- One trip means one round trip – from origin to destination and then back to origin without any deviation in the route

The formula used to arrive at the total unique trucks in a TSL is:

$$Y_B = \sum_{i=1} (f_i \times M \times 30) \times F$$

Where,

Y_B = Number of truck in TSL, **i** = Number of visits per month to the TSL

f_i = Number of trucks visiting the TSL i-times per month

M = Mantab for single day **F** = Number of trucks from trucker interview

A multiplier for arriving at unique truckers was based on the data of broker interviews.

The multiplying factor was applied on unique trucks calculated for each TSL.

Thus giving us an estimate of unique truckers at a particular TSL.

Limitations:

- While totaling the unique Trucks and Truckers across all the TSLs, we need to factor the overlap between the TSL

7.5 Strategy Note

As mentioned above, a total of 122 TSLs were mapped. It can be observed from the table below that 122 TSLs mapped have been categorised depending upon the unique trucker traffic. The truckers in each of the TSLs were categorised as High, Medium and Low priority TSLs. High Priority TSLs have been defined as those TSLs which received more than estimated 30,000 unique truckers in a month. Medium priority TSLs were defined as TSLs which received between estimated 10,000-30,000 unique truckers. Low priority TSLs received less than 10,000 unique truckers in a month.

The table below illustrates that 22 TSLs were categorized as high priority TSLs i.e. these 22 TSLs attracted more than 30,000 unique truckers in a month. It can also be observed that nearly 70 percent (i.e. 15 TSLs out of the 22 TSLs) of the high priority TSLs were in the states of Andhra Pradesh, Uttar Pradesh and Mumbai. Raigarh Kalamboli attracted highest number of unique truckers (127872) and unique long distance truckers (103896). Ludhiana Transport Nagar had second highest number of unique truckers (104468). However the unique long distance truckers in Ludhiana (52020) were less than Icchapuram TSL in Andhra Pradesh (70056). In Mumbai all the four TSLs categorised as high priority TSLs attracted more than 30,000 unique long distance truckers.

It is also pertinent to note that 13 TSLs out of 22 TSLs have more than 30,000 unique long distance truckers. Therefore, the focus of the long distance trucker interventions should be more on these 13 TSLs so as to reach the maximum number of long distance truck drivers.

Another 37 TSLs were categorised as medium priority TSLs which attracted an estimated unique truckers from 10,000 to 30,000. TSLs from Rajasthan, Goa, Punjab ranked high in this list. Jaipur transport Nagar in Rajasthan attracted an estimated 29925 unique truckers and 15289 unique long distance truckers. It is pertinent to note that TSLs such as Chandigarh Mani Majra in Punjab had 25375 unique truckers, however, only attracted an estimated 375 long distance truckers. Among unique long distance truckers Jamnagar refinery in Gujarat had an estimated 19942 truckers entering the TSLs.

It could be observed that 21 TSLs out of 37 TSLs have more than 10000 unique long distance truckers. In the Medium category these 21 TSLs should be the focus for long distance trucker's interventions.

While designing the implementation plan, the below mentioned TSLs also could be aggregated to form TSL clusters as per national highway stretches and traffic received. Hence, the intervention camps could be strategically placed at different location in the cluster so as to maximize the reach of the programme. In other words, reach of the programme can be optimized by adopting the 'mother intervention' concept explained above.

Partnership with stakeholders such as NGOs and transporter's associations can also contribute significantly in developing and implementing the intervention for truck drivers at various locations.

The following table delineates the unique truckers and unique long distance for all the 122 TSLs categorised in the above mentioned

7.5.1. High Priority TSL Centers (More than 30,000 unique truckers)

State	Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Maharashtra	Raigarh Kalamboli	43200	127872	35100	103896
Punjab	Ludhiana Transport Nagar, Semrada Chowk	38692	104468	26010	52020
Andhra Pradesh	Icchapuram	30300	84234	25200	70056
Maharashtra	Raigarh Nava Sheva J.N.P.T.	29500	82010	24900	69222
Andhra Pradesh	Vijayawada Autonagar	29800	81354	21400	58422
Delhi	Delhi SGTN	23800	62594	14500	38135
Gujarat	Porbandar	20200	57772	14000	40040
Uttar Pradesh	Gorakhpur Transport Nagar	20400	56100	14700	40425
Andhra Pradesh	Hyderabad Autonagar	18100	53033	12800	37504
Mumbai	Mumbai Wadala Truck Terminus	20700	51957	14200	35642
Uttar Pradesh	Kanpur Transport Nagar	18500	47175	17200	43860
Uttar Pradesh	Meerut Transport Nagar	16700	45758	10900	29866
Chhattisgarh	Raipur TP Nagar	17900	43318	5119	12387
Madhya Pradesh	Indore Dewasnaka	20300	43036	13500	28620
Uttar Pradesh	Varanasi Chandasi (Coal depot)	14500	42775	6572	19387
Mumbai	Mumbai Cotton Green	19100	39728	16000	33280
Uttar Pradesh	Moradabad Transport Nagar	12600	36792	9452	27600
Andhra Pradesh	Vishakhapatnam Auto nagar	14700	36015	10900	26705
Maharashtra	Pune Nigdhi Transport Nagar	13900	34889	10500	26355
Uttar Pradesh	Varanasi Padao	15500	33635	6482	14067
Uttar Pradesh	Allahabad (Khanpur)	11100	31968	10900	31392
Chhattisgarh	Bhilai	12600	31878	7027	17779

7.5.2. Medium Priority TSL Centers (More than 10,000 but Less than 30,000 truckers)

State	Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Rajasthan	Jaipur Transport Nagar	10500	29925	5365	15289
Goa	Margao	12700	28448	7593	17009
Punjab	Amritsar Transport Nagar	12121	26666	8901	19582
Delhi	Delhi ICD Tuglakabad	11700	25974	6395	14198
Chandigarh	Chandigarh (Mani Majra) Transport Nagar (Sector 26)	8750	25375	136	394
Rajasthan	Ajmer (Kishan garh)	9821	22686	7627	17617
Uttar Pradesh	Agra Transport Nagar	10700	22684	9213	19532
Gujarat	Jamnagar refinery	10600	22260	9496	19942
Orissa	Mayurbhanj Jamsola	8803	22096	3524	8846
Delhi	Delhi Azadpur Mandi Delhi	8788	21179	3290	7928
Gujarat	Gandhidham Transport Nagar	7505	21090	5458	15336
Uttar Pradesh	Lucknow Transport Nagar	8273	19194	7823	18149
Delhi	Delhi Punjabi Bagh	6699	19159	5803	16598
Gujarat	Surat Transport Nagar	7244	18762	5737	14858
Uttar Pradesh	Saharanpur Transport Nagar	6429	18387	3446	9856
Madhya Pradesh	Jhansi	5898	17517	2837	8425
Mumbai	Mumbai Bombay Port Trust	5622	16416	4149	12114
Orissa	Paradeep Truck Parking	5574	15607	-	-
Punjab	Jalandhar	6435	15444	5990	14376
Maharashtra	Ballarpur Paper Industries (Coal Mines)	5228	15318	5132	15037
Rajasthan	Jaipur VKIA Road No. 14	6533	15090	5192	11994
Madhya Pradesh	Gwalior Harishankarpuram	5059	14875	3262	9589

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Uttar Pradesh	Gaziabad Transport Nagar (Gyani Border)	4857	14620	2693	8106
Uttar Pradesh	Mathura Near refinery	5688	14561	4183	10707
Rajasthan	Bhilwara Chittor Road, Transport Nagar	6020	14388	4554	10884
Kerala	Palghat Kanjikodu	5402	13938	4375	11288
Bihar	Purnia Zero Mile Transport Nagar (Gulabbagh)	5994	13187	4508	9917
Maharashtra	Nagpur Nagpur Wadi	4455	13098	4455	13098
Gujarat	Rajkot	6372	12872	3811	7698
Jammu & Kashmir	Jammu Transport Nagar (Narwal, Near mandi)	4866	12700	4742	12376
D & N Haveli	Silvassa	6157	12684	4151	8550
Rajasthan	Bikaner	4809	12599	3690	9667
West Bengal	Central Warehousing Corporation Petropole Bangaon	4286	12429	2774	8045
Karnataka	Bangalore Neelmangala	4478	12270	2668	7310
Karnataka	Bangalore Meadanayakanahali	4082	12204	3588	10730
Madhya Pradesh	Indore Mechanic Nagar	4373	10975	2589	6497
Rajasthan	Alwar (Bhiwari) MIA Industrial Area	4329	10866	3596	9027

7.5.3. Low Priority TSL Centers (Less than 10,000 truckers)

State	Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Jammu & Kashmir	Srinagar Mandi Area	3304	9946	2453	7383
Uttaranchal	Dehradun Transport Nagar	3624	9677	2438	6509
Haryana	Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)	3403	9631	2383	6745
Uttaranchal	Haldwani/Kathgodam Transport Nagar	3607	9449	2644	6927
Karnataka	Bangalore (Attibele)	3937	9174	3174	7396
Kerala	Sullan bateri	3140	9075	2487	7188
Kerala	Ernakulam Kalamassery	4009	8979	2864	6415
Goa	Ponda	3976	8628	2767	6003
Rajasthan	Shahpura Union	3656	8519	3260	7595
Jharkhand	Hazaribagh	3161	8440	2786	7439
Rajasthan	Jodhpur Transport Nagar : Basni	3988	8256	2840	5878
Madhya Pradesh	Jabalpur	3768	8176	2163	4694
Jharkhand	G.T.Road Dhanbad (Barwadda)	2907	8052	2322	6432
Chhattisgarh	Korba TP Nagar	2838	7917	789	2201
Punjab	Pathankot	3121	7490	2536	6084
Karnataka	Belgaum	3286	7395	3286	7395
Karnataka	Mysore	2654	7297	2624	7216
Haryana	Ballabhgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT	3149	6802	3015	6512
Haryana	Panipat Transport Nagar Huda Sec.25	2905	6595	2331	5291
Maharashtra	Pune TELCO	2446	6335	2010	5206
Karnataka	Mangalore	2776	6303	2761	6268
Jharkhand	Tata Road Behragora	2948	6191	2392	5024

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Karnataka	Bangalore DTTO	2957	6121	2558	5294
Madhya Pradesh	Rewa	2706	6088	933	2100
Goa	Vasco	2524	6082	922	2221
Jharkhand	Gurudwara Road Bokaro	2226	5987	1771	4763
Tamil Nadu	Salem (Shevapet Lorry Stand)	2082	5746	958	2645
Bihar	Patna TP Nagar Bypass	2725	5695	1408	2943
Karnataka	Gulbarga (Mumbai Entrance Chandrakanta)	1850	5531	1850	5531
Maharashtra	Kolhapur	2216	5473	1330	3285
Gujarat	Vadodra	2671	5369	1649	3315
Tamil Nadu	Coimbatore Devnashi Road (Cochin Road) Ukkadam	1927	5357	666	1850
Rajasthan	Pratap Nagar Transport Nagar Udaipur Retistand	2277	5236	1594	3667
West Bengal	Siliguri Transport Nagar	2071	4991	1498	3610
Karnataka	Hubli NH - 4	2158	4899	1951	4428
Orissa	Rourkela Biramitrapur	2221	4798	1570	3391
Rajasthan	Kota Bhamashah Mandi	1872	4793	590	1511
Bihar	Baruni (Zero Mile)	1660	4467	740	1991
Maharashtra	Jalgaon / Malegaon Sagar Transport Nagar	1525	4087	856	2293
Orissa	Bhubaneswar	1471	4059	1046	2886
West Bengal	Jalgaon Excise Check Post	1369	3971	960	2784
Orissa	Laxmi Padia Truck Parking Point - Joda	1771	3897	126	276
Pondicherry	Gori Medu (Pattanur)	1673	3882	1186	2752
Rajasthan	Kota Truck Union	1776	3729	742	1558
Orissa	JK Paper Mill truck Parking Point- Rayagada	1277	3703	493	1430
Orissa	Cuttack Jagatpur Transport Nagar	1291	3665	303	861

State	Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Maharashtra	Nagpur Pardi Naka (Kalapana)	1649	3660	1641	3644
Maharashtra	Aurangabad Waluj (Industrial Area)	1585	3393	1579	3380
West Bengal	Siliguri	1198	3343	704	1965
West Bengal	Ballupara truck terminus Hilli Border – West Dinajpur	1347	3098	885	2035
Uttar Pradesh	Etawah	1143	3074	903	2430
West Bengal	Haldia	988	2934	14	41
Assam	Guwahati Beltola truck centre	1091	2531	904	2096
West Bengal	Chengrabandha - Jalpaiguri	1185	2524	172	366
Orissa	Angul NALCO	1013	2521	793	1974
Orissa	Kalinga Nagar Mesco Truck Parking Point	1113	2449	484	1065
Uttar Pradesh	Bareilly Transport Nagar	885	2382	599	1610
Maharashtra	Nasik 8 No. Naka/Nasik Naka	913	2291	710	1782
Madhya Pradesh	Bhopal Ashoka Garden	719	1992	313	867
West Bengal	Kolkata Transport Nagar (Dankuni NH-2)	753	1859	664	1640
West Bengal	Durgapur	742	1855	704	1760
Bihar	Raxul Bypass Indo Nepal	504	1365	422	1143
Maharashtra	Sholapur	371	1094	269	795

7.6 TSL Data Sheets:

STATE 1: ANDHRA PRADESH



Topography

Andhra Pradesh is a state in southern India and is bordered by Maharashtra, Chhattisgarh and Orissa in the north, the Bay of Bengal in the East, Tamil Nadu to the south and Karnataka to the west. Two major rivers, the Godavari and the Krishna run across the state. The small enclave (12 sq mi (30 km²)) of the Yanam district of Pondicherry state lies in the Godavari Delta in north-east of the state.

Economy

Agriculture has been the chief source of income for the state's economy. Rice, sugarcane, cotton, mirchi (chilli pepper), mango and tobacco are the local crops. Recently, crops used for vegetable oil production such as sunflower and peanuts have gained favour.

The state has also started to focus on the fields of information technology and biotechnology. Andhra Pradesh is a mineral rich state, ranking second in India in terms of mineral wealth.

TSL Mapping Exercise

In Andhra Pradesh four sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major sites in Andhra Pradesh and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Ichchapuram**

Ichchapuram or Ichapuram is a Municipality and Mandal headquarters in Srikakulam district in the Indian state of Andhra Pradesh. It is a main border center of Andhra Pradesh and Orissa located in Andhra Pradesh and very close to Orissa's commercial capital Berhampur. NH-15 passes through the City and an estimated 30300 trucks enter in its TSL every month.

- **Vijaywada**

Vijayawada also known as Bezawada, is the third largest city in Andhra Pradesh, India, located on the banks of the Krishna River and bounded by the Indrakiladri Hills on the West and the Budemeru River on the North. Its prominence as a major trading and business center. NH-5 passes through the city and an estimated 29800 trucks passes through its TSL every month.

- **Hyderabad Autonagar**

Hyderabad is the capital city and most populous city of the Indian state of Andhra Pradesh. Hyderabad is today one of the fast developing cities in the country and a modern hub of Information technology, ITES, and biotechnology. NH-9 passes through the city and an estimated 18100 trucks enters in its TSL every month.

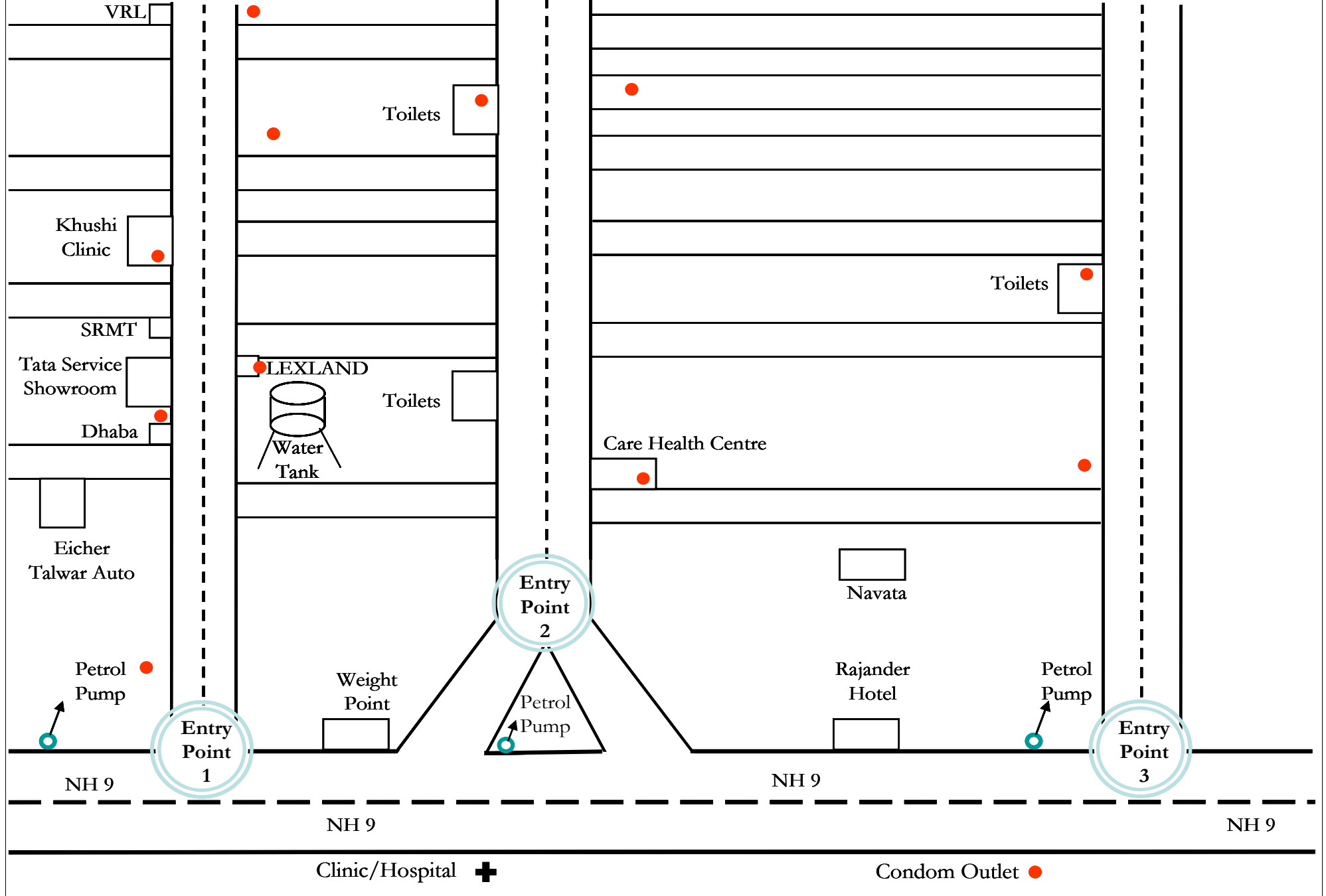
- **Vishakapatnam Auto nagar**

Visakhapattanam, is a coastal, port city in the Indian state of Andhra Pradesh, located on the eastern shore of India, nestled among the hills of the Eastern Ghats and facing the Bay of Bengal to the east. Visakhapatnam is one of the cities on the east coast of India connected by NH5, a major national highway and a part of the Golden Quadrilateral system of Indian highways connecting Madras and Calcutta. In Vishakapatnam Auto Nagar an estimated 14700 trucks enter in its TSL every month.

Snapshot of Andhra Pradesh TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Ichchapuram	30300	84234	25200	70056
Vijaywada	29800	81354	21400	58422
Hyderabad Autonagar	18100	53033	12800	37504
Vishakapatnam Auto nagar	14700	36015	10900	26705

Hyderabad Autonagar



Trans-shipment Location Profile	
Name of TSL : City	Hyderabad Autonagar
Nearest NH	009
Approximate no. of Brokers	43
Peak Month	January, May & June
Association or NGO Present	Yes
Most frequented Route	Maharastra – A.P.
% of drivers/cleaners staying for more than a day in this TSL	59.2%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	2008
Trucks per months	60240
Truck:Trucker	2.9
LDT per month (63.9%)	38493

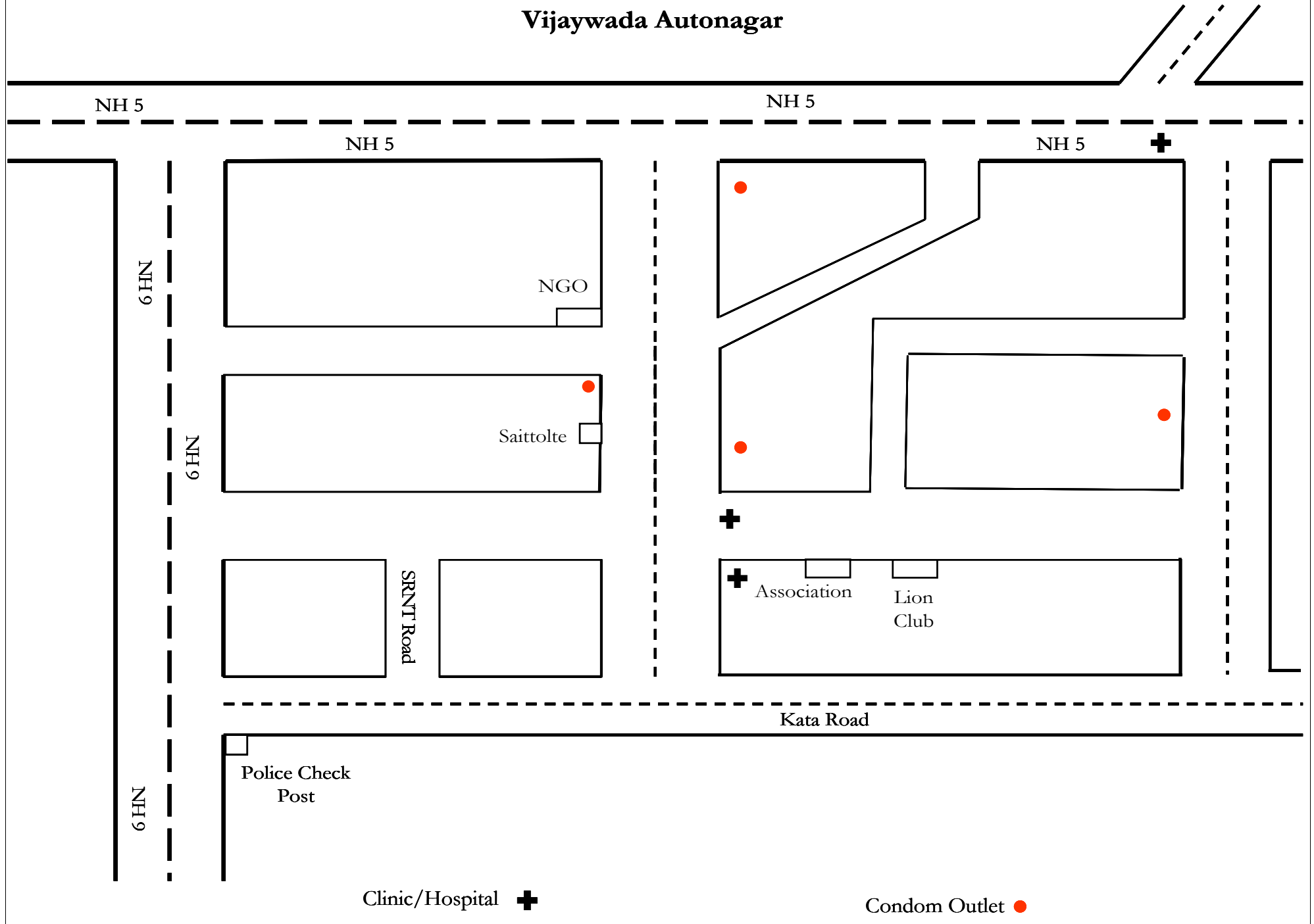
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 80% Enroute - 54%
% of truckers who had sexual intercourse in last 3 months	98%
Type of partners you have had sex in last three months	Commercial - 38.8% Non-Commercial - 81.6%
Usage of Condom while having sex in last three months	Always- 14% Sometimes- 55% Never- 31%
Participation in trucker welfare activities	22% Health Camps 15% Film Shows

Unique Trucks per Month	18100
Unique Truckers per month	53033
Unique Long Distance Trucks per Month	12800
Unique Long Distance Truckers per Month	37504

Snapshot of NGO present in the TSL

- ❖ **Bharuka Cheritable Trust** is functional in Hyderabad. This Trust was incepted in 2004.
- ❖ Mr Arpan Bose, PC of the Trust was contacted.
- ❖ This association works for Truckers. They conduct targeted intervention programmes on STI, HIV/AIDS. They conduct programmes like street plays, exhibitions, Film shows and health camps.
- ❖ According to the Secretary, "There is a need to spread awareness amongst the truck drivers about HIV/AIDS because they lack knowledge on safe sex and their life style they are exposed to high risk behaviour."
- ❖ The truck drivers are lacking proper hygiene facilities.
- ❖ Future plan includes set up clinics at brokers/transporters place, peer to peer dissemination of messages.

Vijaywada Autonagar



Trans-shipment Location Profile	
Name of TSL : City	Vijaywada
Nearest NH	005
Approximate no. of Brokers	4
Peak Month	April, May & June
Association or Unions Present	Yes
Most frequented Route	Maharastra – Andhra Pradesh
% of drivers/cleaners staying for more than a day in this TSL	70%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	2597
Trucks per months	77920
Truck:Trucker	2.7
LDT per month (72.5%)	56492

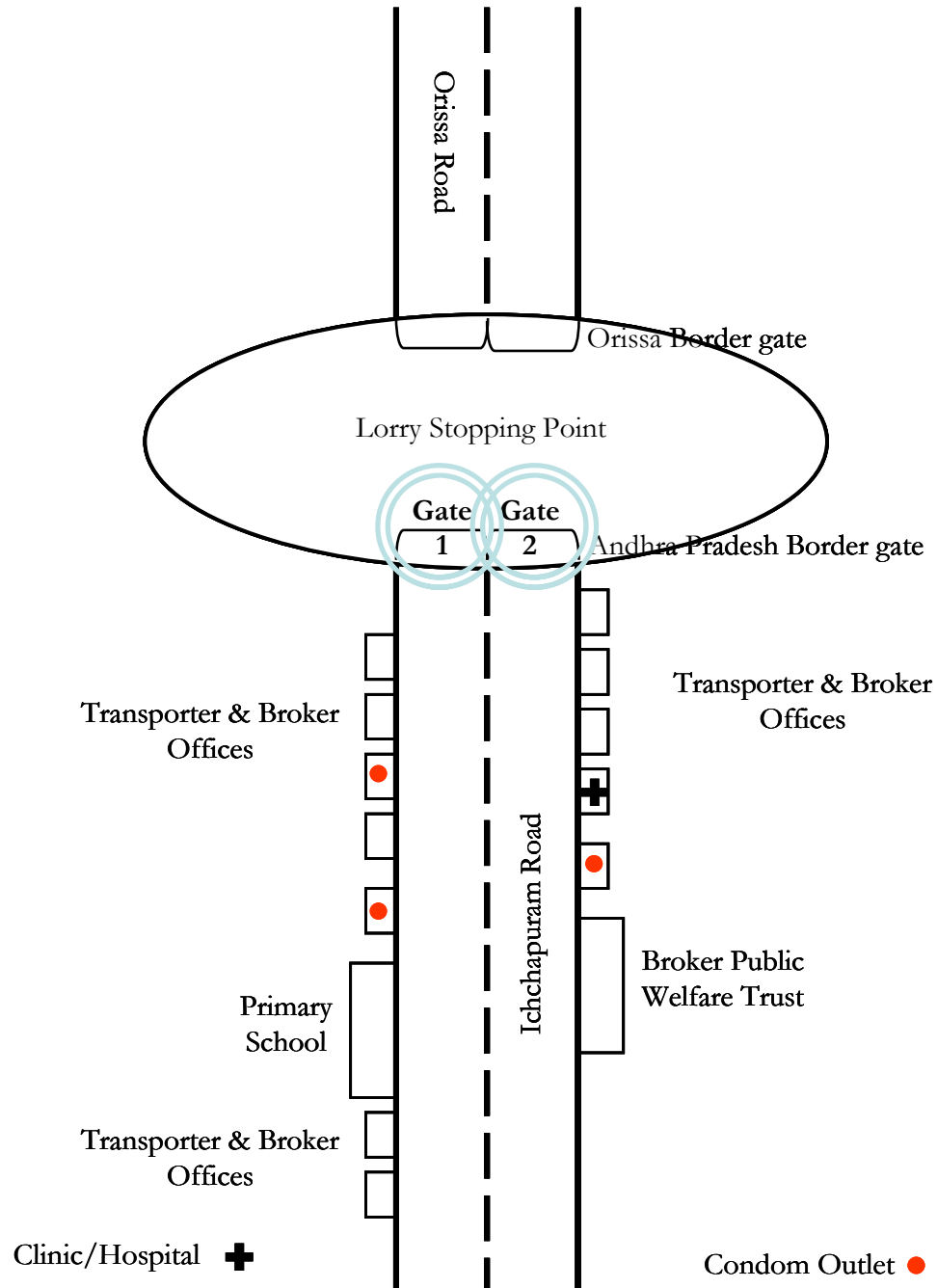
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 28% Enroute - 10%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 48.9% Non-Commercial - 93.6%
Usage of Condom while having sex in last three months	Always- 4% Sometimes- 45% Never- 51%
Participation in trucker welfare activities	34% Health Camps 13% Group Discussion 22% Film Shows

Unique Trucks per Month	29800
Unique Truckers per month	81354
Unique Long Distance Trucks per Month	21400
Unique Long Distance Truckers per Month	58422

Snapshot of Association present in the TSL

- ❖ **The Krishna District Association** is functional in **Vijaywada**. This Trust was incepted in 1966.
- ❖ Mr Bharath Kumar, Office In Charge of the association was contacted.
- ❖ This association works for Truckers. They conduct awareness programmes on HIV/AIDS. They identifies truckers family suffering from STD and give treatment.
- ❖ According to the Secretary, "*There is a need to spread awareness amongst the truck drivers about HIV/AIDS.*"
- ❖ The truck drivers are having problems health care, medicine, and proper food.
- ❖ Future plan include spread awareness of HIV/AIDS, road accidents.

Ichchapuram Andhra Pradesh Border



Trans-shipment Location Profile	
Name of TSL : City	Ichchapuram – AP Border
Nearest NH	NH5
Approximate no. of Brokers	143
Peak Month	January, February & March
Association or NGO Present	Yes
Most frequented Route	Andhra Pradesh - Orissa
% of drivers/cleaners staying for more than a day in this TSL	52.5%
Availability of Health Facility in/around TSL	Yes (Ayurvedic Clinic)

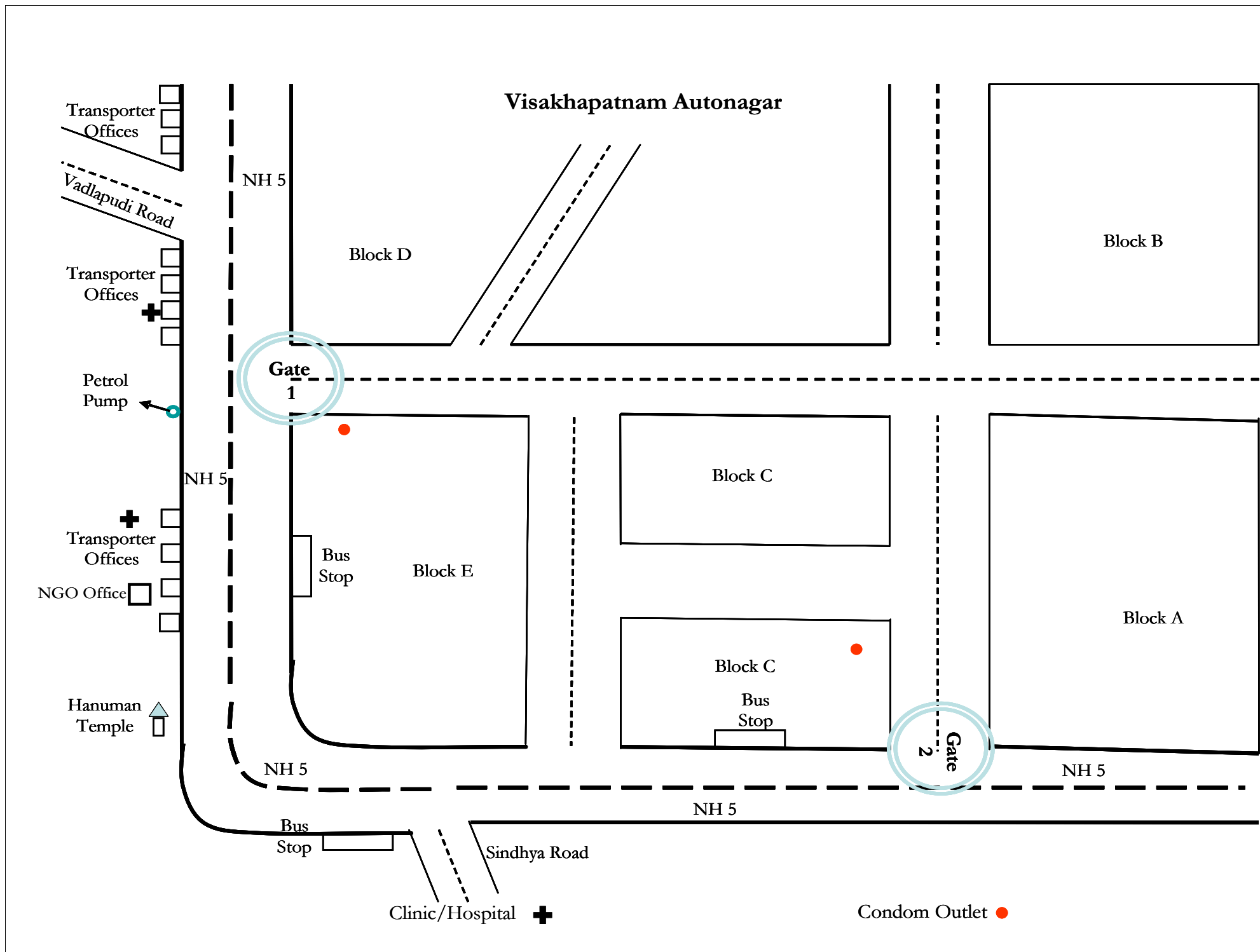
Mantab of trucks per day	3003
Trucks per months	90100
Truck:Trucker	2.8
LDT per month (75%)	67575

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 8% Enroute - 48%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 27.3% Non-Commercial - 95.5%
Usage of Condom while having sex in last three months	Always- 14% Sometimes- 50% Never- 36%
Participation in trucker welfare activities	17% Counseling Services regarding Health Services 17% Group Discussion

Unique Trucks per Month	30300
Unique Truckers per month	84234
Unique Long Distance Trucks per Month	25200
Unique Long Distance Truckers per Month	70056

Snapshot of NGO present in the TSL

- ❖ **Bhoruka Public Welfare Trust** is functional in **Ichchapuram**. This Trust was incepted in 1979.
- ❖ Mr Sujit Kumar Mandal, Project Coordinator of the Trust was contacted.
- ❖ This association works for Truckers as well as general population. They conduct programmes for improving quality of life by promoting public health related issues like sexual health intervention among truckers, sex workers and migrant population, sex workers, home based care for HIV affected and infected children. They also conduct awareness programmes on STI, HIV/AIDS and condom.
- ❖ According to the Secretary, *"There is a need to spread awareness amongst the truck drivers about HIV/AIDS because they have many misconception regarding mode of transmission of HIV."*
- ❖ The truck drivers are having general health problems like common ailments, unhygienic environment.



Trans-shipment Location Profile	
Name of TSL : City	Vishakapatnam Auto Nagar
Nearest NH	005
Approximate no. of Brokers	86
Peak Month	February, March & April
Association or NGO Present	Yes
Most frequented Route	A.P. – Tamilnadu
% of drivers/cleaners staying for more than a day in this TSL	42.5%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	2018
Trucks per months	60550
Truck:Trucker	2.5
LDT per month (63%)	38147

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 84% Enroute - 82%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 43.2% Non-Commercial - 79.5%
Usage of Condom while having sex in last three months	Always- 7% Sometimes- 52% Never- 41%
Participation in trucker welfare activities	20% Counseling Services regarding Health Services 13% Group Discussion

Unique Trucks per Month	14700
Unique Truckers per month	36015
Unique Long Distance Trucks per Month	10900
Unique Long Distance Truckers per Month	26705

Snapshot of NGO present in the TSL

- ❖ **AIDS Control and Community Education Programme Trust** is functional in Visakapatnam.
- ❖ Mr P Anup Kumar, Project Coordinator of the Trust was contacted.
- ❖ This association works for Truckers. They conduct programmes for behaviour change communication, treatment of HIV/AIDS and helping AIDS patients, condom promotion.
- ❖ According to the Secretary, "There is a need to spread awareness amongst the truck drivers about HIV/AIDS because they stay away from their families for long period and they are having sex with street women therefore there is chance getting HIV."
- ❖ The truck drivers are having problems like highway police, RTO, pressure in work and single driver.

Andhra Pradesh TSLs at a glance...

- Out of the four selected TSLs in Andhra Pradesh, NH-05 passes through three of the TSLs i.e. Vijaywada Autonagar, Ichchapuram and Vishakapatnam Auto Nagar.
- It can be observed that NH 5 also passes through two TSLs in Orissa viz. Cuttack Jagatpur Transport Nagar and Bhubhneswar
- The highest truck traffic has been found in Ichchapuram having 25200 unique Long Distance Trucks and 70056 are the unique Long Distance Truckers per month following Vijaywada Autonagar TSL 21400 unique Long Distance Trucks and 58422 are the unique Long Distance Truckers per month.
- All the four TSLs of Andhra Pradesh have been categorized under High Priority TSL centers i.e. all TSLs have more than 30,000 unique truckers.
- Though the data reflect the availability of condoms in each TSL despite of that the usage is almost 50% among the truckers.
- In all the selected TSLs of Andhra Pradesh it has been found that there is an existence of NGO working on the welfare activities for the Truckers.
- An overwhelming majority of the truckers (98%) interviewed in aforementioned 4 TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 4 TSLs of Andhra Pradesh, 12% of the truckers felt that they were at risk of getting HIV.

STATE 2: ASSAM



Topography

Assam is a northeastern state of India with its capital at Dispur, a suburb of the city Guwahati. Located south of the eastern Himalayas, Assam comprises the Brahmaputra and the Barak river valleys and the Karbi Anglong and the North Cachar Hills. Assam is known for Assam tea, petroleum resources, Assam silk and for its rich biodiversity.

Economy

Assam's economy is showing signs of improvement. Assam's GDP in 2004 is estimated at \$13 billion in current prices. Manufacturing sector has shown some improvement in the 1990s with a growth rate of 3.4 percent per annum.

TSL Mapping Exercise

In Assa, one site was selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned site was selected as this is the major site in Assam and handles relatively greater proportion of truck traffic. The ensuing pages explain the TSLs briefly and give critical indicators in an encapsulated.

- **Guwahati Beltola truck centre**

Guwahati is a major city in eastern India. Guwahati is one of the most rapidly growing cities in India. During past few decades it has experienced unprecedented spatial expansion and also steep rise in population. The city is also an important hub for transportation in the North East Region. NH-37 passes through the city and an estimated 1091 trucks enters in its TSL every month.

Snapshot of Assam TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Guwahati Beltola truck centre	1091	2531	904	2096

Guwahati Beltola Lalmati GHY 29

The map illustrates the layout of the Guwahati Beltola Lalmati GHY 29 facility. Key features include:

- Top Section:** Nursing Home, Petrol Pump, Dhaba, Toilet, Water Tank, and another Toilet.
- Central Section:** Quarter, A.S. Meerut, Hemkund, New AS T.Co., M.S T.Co., and New H T.Co.
- Right Section:** C.S.W. (Community Service Ward), Bye Lane, and Pharmacy.
- Bottom Section:** Condom Box, Dhaba, Main Office, Repairing Shop, Hotel, S.Shop, Saloon, Tea Shop, and another Condom Box.
- Infrastructure:** NH37 (National Highway 37) is shown as a dashed line. Bye Lanes are indicated by solid lines. A legend at the bottom identifies symbols for Clinic/Hospital (+) and Condom Outlet (red dot).

Trans-shipment Location Profile	
Name of TSL : City	Guwahati Beltola Truck Centre
Nearest NH	037
Approximate no. of Brokers	4
Peak Month	January, February & March
Association and NGO Present	Yes
Most frequented Route	Haryana - Assam
% of drivers/cleaners staying for more than a day in this TSL	50%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	64
Trucks per months	1,930
Truck to Trucker ratio	2.3
LDT per month (56.5%)	1,090

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 12% Enroute - 22%
% of truckers who had sexual intercourse in last 3 months	56%
Type of partners you have had sex in last three months	Commercial - 14.3% Non-Commercial - 85.7%
Usage of Condom while having sex in last three months	Always- 18% Sometimes- 68% Never- 14%
Participation in trucker welfare activities	6% Health Camps 7% Distribution of Condoms

Unique Trucks per Month	1,091
Unique Truckers per month	2,531
Unique Long Distance Trucks per Month	904
Unique Long Distance Truckers per Month	2,096

Snapshot of NGO present in the TSL

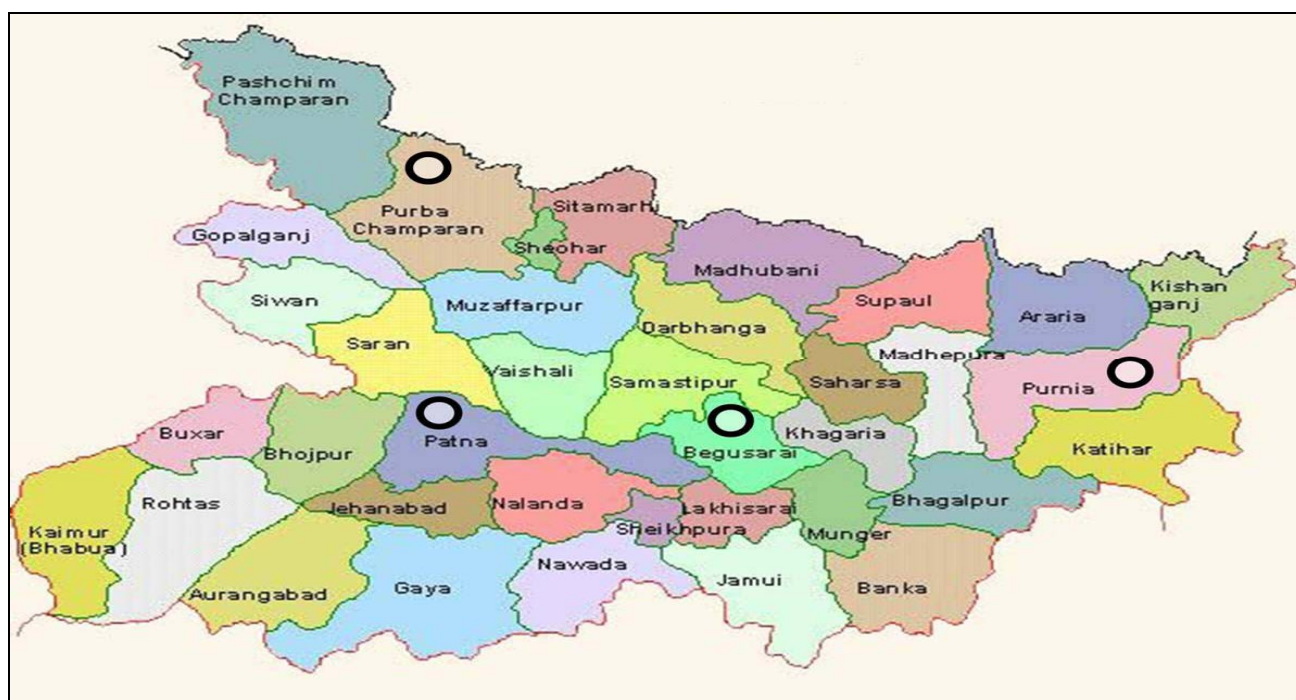
- ❖ **Bhoruka Public Welfare Trust** is functional in Guwahati Beltola truck centre. This association was incepted in 1979
- ❖ Mr Riju Mui Ahmed, Project Co-coordinator (TI-Project) was contacted.
- ❖ The NGO organizes various activities like street plays, Cinema shows on HIV/AIDS, free health check up camps, exhibition on HIV/AIDS, Immunization, ICTC facilities, social marketing of condoms, STI clinic etc. They have also organized programmes such as Mobile health camp, awareness camp on HIV & AIDS, audio visual show, focus group discussions.
- ❖ The NGO has been doing these activities continuously from 1999.
- ❖ Mr Ahmed says, "*It is very much important to educate this community on HIV/AIDS issues. If they are not made aware of HIV/AIDS then socially our country will suffer. If the truck drivers do not remain healthy it will affect the whole country. It will effect the distribution of foods and relatively the prices of different commodities will increase.*"
- ❖ In future the NGO wants to open a research centre. The NGO also wishes to participate in any activities organized by government.

Assam TSLs at a glance...

- Guwahati Beltola Truck Centre has been selected in Assam for the mapping study. An estimated 1,930 trucks enter in this TSL per month.
- NH-37 passes through Guwahati Beltola Truck Centre and touches NH-40.
- Estimated 56.5% long distance trucks enter in Guwahati Beltola Truck Centre every month.
- The availability of Condoms has been observed in the TSL and the usage percentage has been found satisfactory (68%).
- The health facility has been found in/around the TSL.
- An NGO **Bhoruka Public Welfare Trust** is functional in TSL of Assam which organizes various activities like street plays, Cinema shows on HIV/AIDS, free health check up camps, exhibition on HIV/AIDS, Immunization, ICTC facilities, social marketing of condoms, STI clinic etc. They have also organized programmes such as Mobile health camp, awareness camp on HIV & AIDS, audio visual show, focus group discussions.
- Knowledge of HIV/AIDS was found to be universal (100%) in Guwhati Beltola truck centre.
- Self risk perception about contracting HIV could influence the high risk behaviour. In Guwhati Beltola truck centre, 60% of the truckers felt that they were not at risk of getting HIV.

STATE 3: BIHAR

Bihar Map



Topography

Bihar is divided 38 districts with Patna as its capital. Uttar Pradesh, Jharkhand and West Bengal surround Bihar from West South and East respectively. It also shares an international border with Nepal and Bangladesh.

Economy

The economy is mainly based on agricultural and trading activities. There have been some attempts to industrialize the state as well. An oil refinery in Barauni, a scooter plant at Fatuha, a power plant at Muzaffarpur and some agriculture-based industries such as sugar and vegetable oil, have been established in Bihar. It is also known for its famous mines at Dhanbad.

TSL Mapping Exercise

In Bihar four sites were shortlisted for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Bihar and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format

- **Purnia**

Purnia district is one of the thirty-eight districts of Bihar state, India. The Purnia district is a part of Purnia Division. The district extends from the Ganges River northwards to the frontier of Nepal. One of the major industries of the district of Purba Champaran is Mehshi Button Industry.

- **Patna**

Patna is the capital of the Indian state of Bihar, and one of the oldest continuously inhabited places in the world. It is divided into six subdivisions and 23 community Development Blocks. Apart from industries agriculture occupies a vital position in the economy. Rice is the main crop of the district including maize, pulses and wheat.

- **Raxul**

Raxaul popularly known as the gate way of Nepal is an important sub-divisional town in the East Champaran district of Indian state of Bihar. It is situated on Indo-Nepal border with Birganj (in Nepal) on the other side of the border. Raxaul is connected through all major city of India by National Highway no. 28A. The capital of Nepal, Kathmandu is connected through this highway.

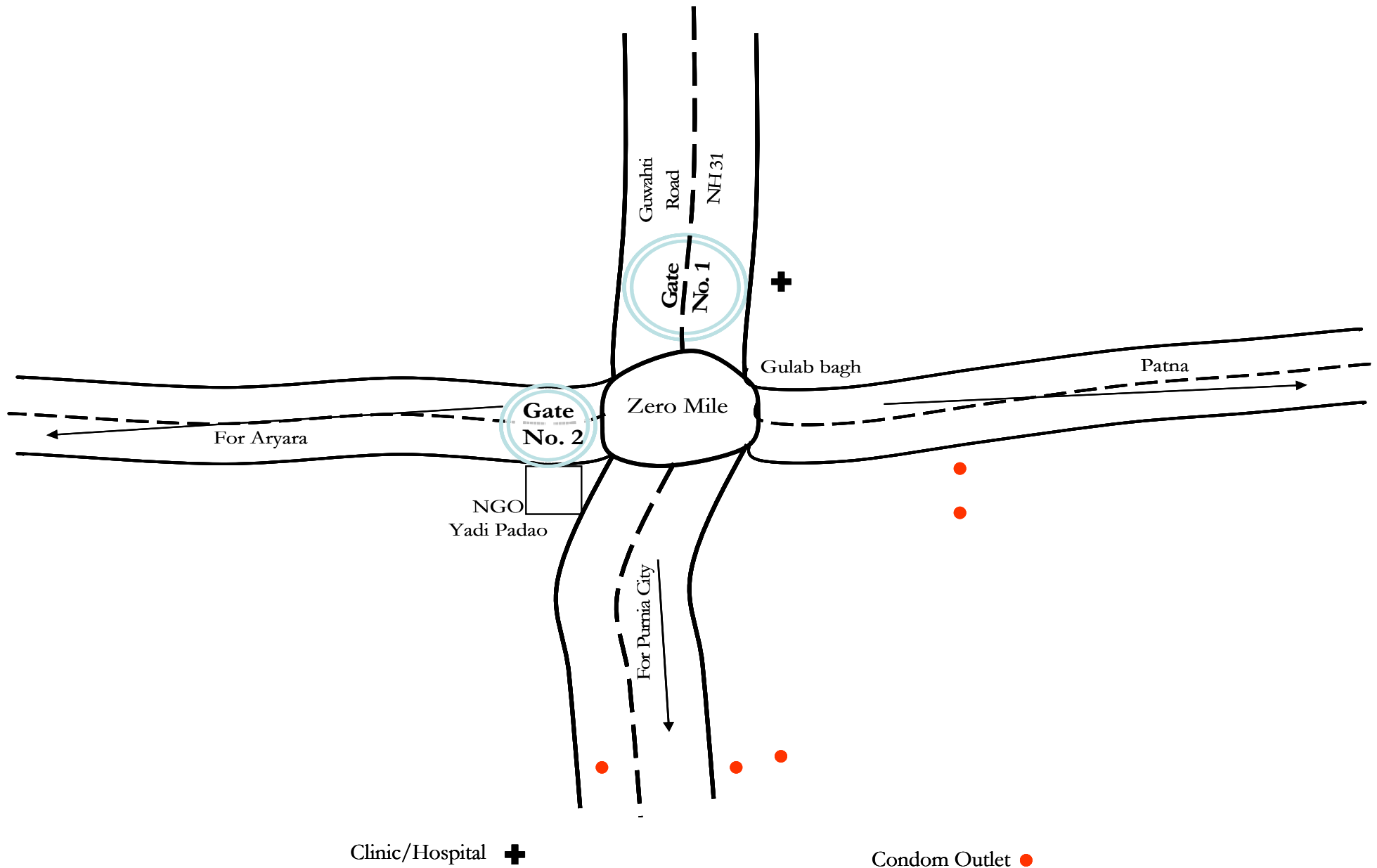
- **Barauni**

Barauni is an Industrial town in Begusarai district, Bihar. After the partition of the Jharkhand from Bihar, It became the industrial capital of Bihar. The major industries are Indian Oil refinery, Barauni Thermal Power Station, BSEB Hindustan fertilizers corporation etc.

Snapshot of Bihar TSLs

Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Purnia Zero Mile Transport Nagar (Gulabbagh)	5994	13187	4508	9917
Patna TP Nagar Bypass	2725	5695	1408	2943
Baruni (Zero Mile)	1660	4467	740	1991
Raxul Bypass Indo Nepal	504	1365	422	1143

Purnia Zero Mile Transport Nagar (Gulab Bagh)



Trans-shipment Location Profile	
Name of TSL : City	Purnia Zero Mile Transport Nagar (Gulabbagh)
Nearest NH	031
Approximate no. of Brokers	30
Peak Month	February & March
Association Present	Yes
Most Frequented Route	West Bengal - Bihar
% of drivers/cleaners staying for more than a day in this TSL	1%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, NGOs)

Mantab of trucks per day	530
Trucks per months	15,900
Truck to Trucker ratio	2.2
LDT per month (66.5%)	10,574

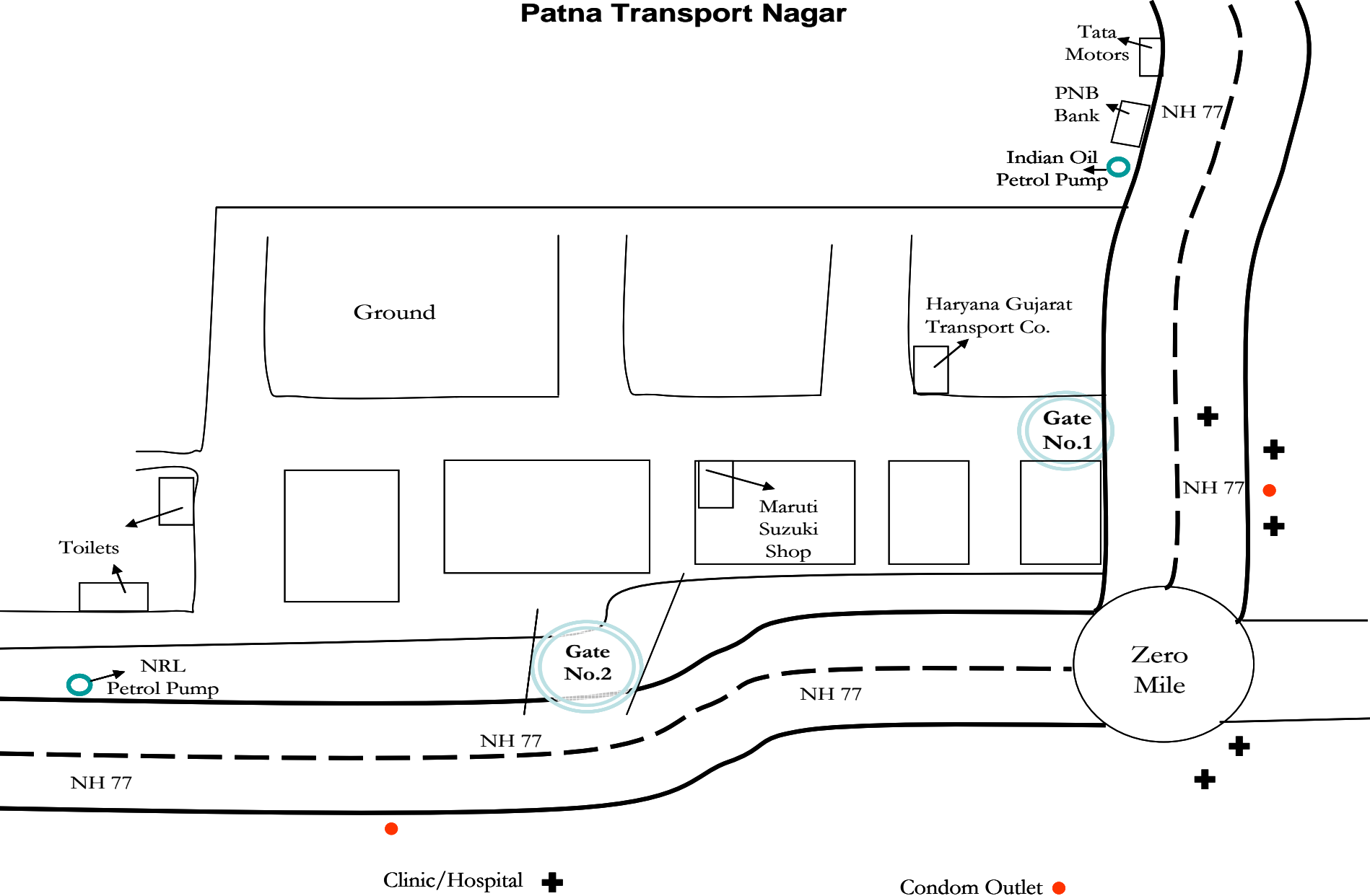
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 62% Enroute - 72%
% of truckers who had sexual intercourse in last 3 months	79%
Type of partners you have had sex in last three months	Commercial - 59.5% Non-Commercial - 89.2%
Usage of Condom while having sex in last three months	Always- 57% Sometimes- 27% Never- 16%
Participation in trucker welfare activities	6% Distribution of Condoms 8% Street Plays

Unique Trucks per Month	5,994
Unique Truckers per month	13,187
Unique Long Distance Trucks per Month	4,508
Unique Long Distance Truckers per Month	9,917

Snapshot of Association present in the TSL

- ❖ **Horizon Adiwasi Shiksha Kalyan Sanstha** is functional in Purnia Transport Nagar. This association was incepted in 1992.
- ❖ Mr Ramavtar Poddar, Accountant of the association was interviewed.
- ❖ This association works for the backward tribes. They also work for Harijan females wherein the association seeks support from their government for development in areas of education and health.
- ❖ The association also encourages the usage of condom among sex workers and also organizes street plays and counseling services for the same.
- ❖ According to the Mr. Poddar, "*truck drivers are the transmitters of AIDS because most often they live outside from home. They intoxicates they are more lenient towards sex.*"
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Patna Transport Nagar



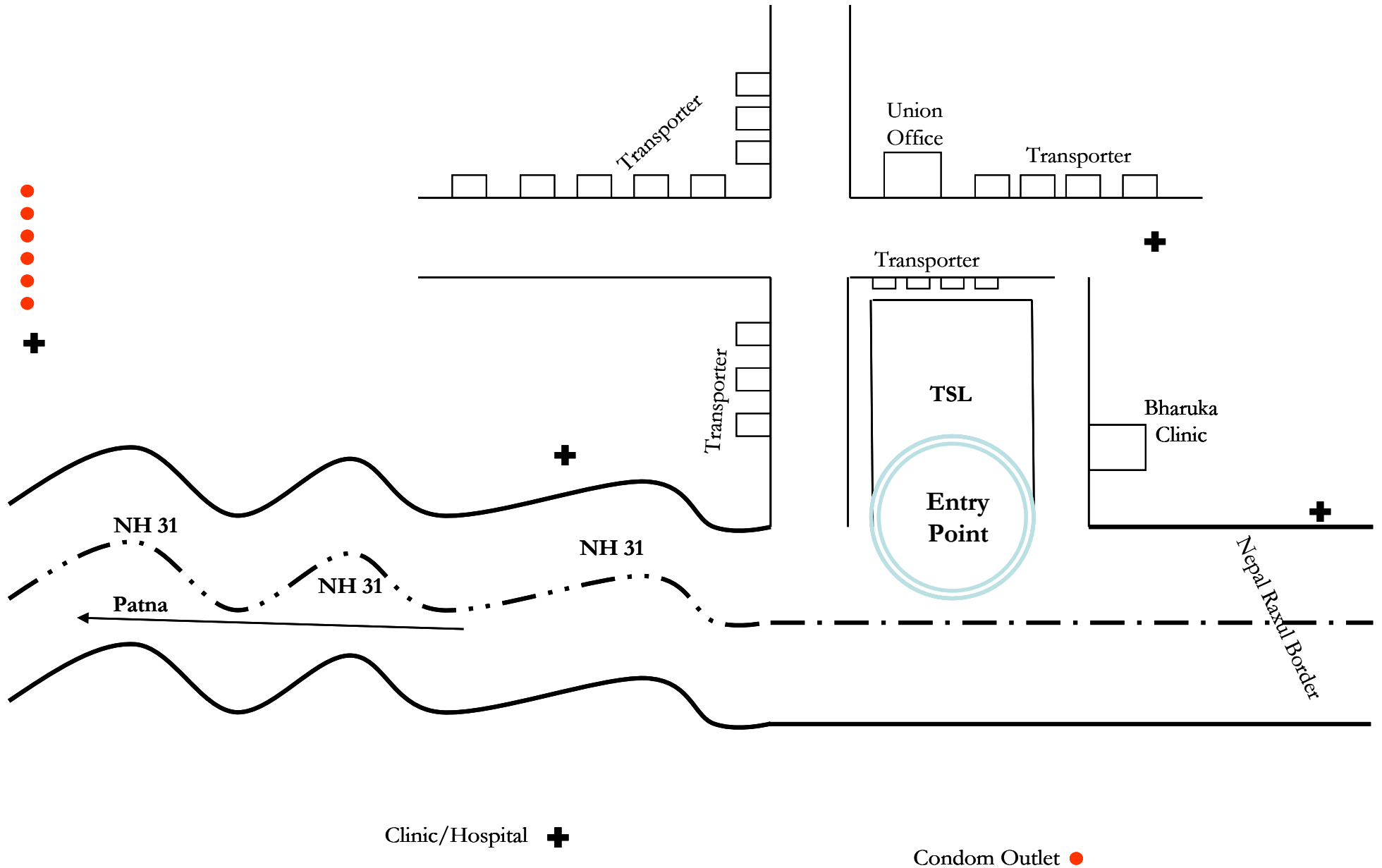
Trans-shipment Location Profile	
Name of TSL : City	Patna Transport Nagar
Nearest NH	077
Approximate no. of Brokers	15
Peak Month	January, February & March
Association or Unions Present	No
Most Frequeted Route	West Bengal - Bihar
% of drivers/cleaners staying for more than a day in this TSL	24.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	340
Trucks per months	10210
Truck:Trucker	2.1
LDT per month (33.5%)	3420

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 6% Enroute - 30%
% of truckers who had sexual intercourse in last 3 months	60%
Type of partners you have had sex in last three months	Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 10% Sometimes- 20% Never- 70%
Participation in trucker welfare activities	11% Health Camps 9% Street Plays

Unique Trucks per Month	2725
Unique Truckers per month	5695
Unique Long Distance Trucks per Month	1408
Unique Long Distance Truckers per Month	2943

Indo Nepal Raxul Bypass



Trans-shipment Location Profile	
Name of TSL : City	Indo Nepal Raxul Bypass
Nearest NH	028
Approximate no. of Brokers	20
Peak Month	March, October & November
Association & NGO Present	Yes
Most Frequented Route	Uttar Pradesh - Bihar
% of drivers/cleaners staying for more than a day in this TSL	23%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	52
Trucks per months	1570
Truck:Trucker	2.7
LDT per month (73.5%)	1154

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – 66% Enroute – 32%
% of truckers who had sexual intercourse in last 3 months	76%
Type of partners you have had sex in last three months	Commercial - 44.7% Non-Commercial - 92.1%
Usage of Condom while having sex in last three months	Always- 37% Sometimes- 32% Never- 32%
Participation in trucker welfare activities	9% NGOs Providing Medical Services 10% Health Camps

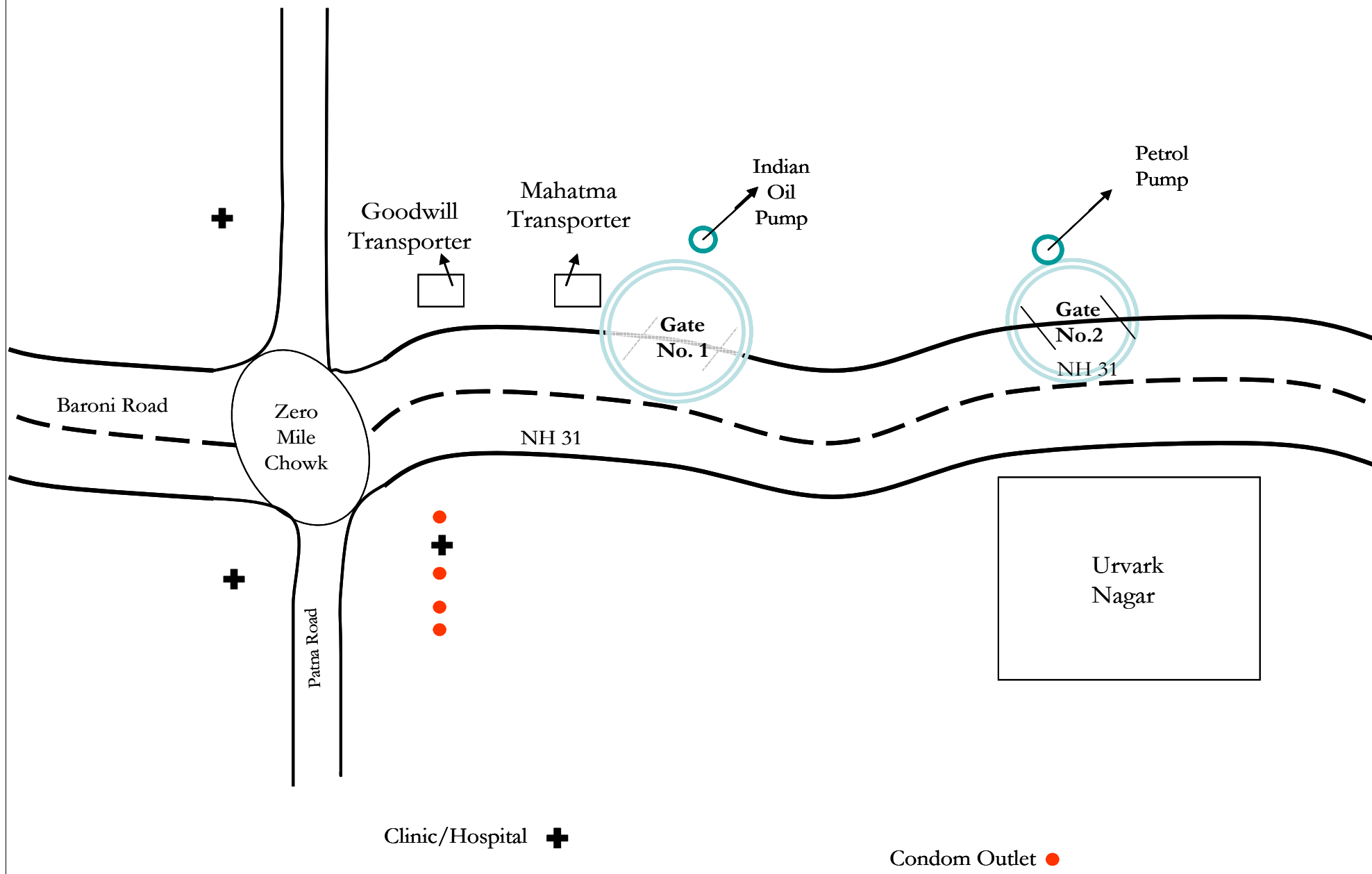
Unique Trucks per Month	504
Unique Truckers per month	1365
Unique Long Distance Trucks per Month	422
Unique Long Distance Truckers per Month	1143

Snapshot of NGO present in the TSL

- ❖ **Bhoruka Public Welfare Trust** (NGO) and **Raxul Transport Association** is functional in Raxul transport Nagar. Both these Association were incepted around 15 years ago.
- ❖ Mr Naveen Kumar Srivastav (Centre Incharge Bhoruka) & Rajeshwar Sharma (President of Association) were contacted in both the organizations
- ❖ The NGO has worked in the areas of RCH surveys, STI treatment in the society, Anti Girl trafficking, Harm reduction programmes & targeted Intervention programmes conducted by Bihar State AIDS Control Society. On the other hand the association looks after transporter problems like negotiations with government, police and other governmental authorities.
- ❖ Both the officials told that truck drivers are vulnerable and falls as an easy prey to sex workers. The association loads-unloads in the godowns which are in their campus. This important as truck drivers don't come in contact with FSW outside.
- ❖ The association and NGO are willing to participate in trucker welfare programmes, if any, organized by the government.

Baruni (Zero Mile)

Barauni Zero Mile



Trans-shipment Location Profile	
Name of TSL : City	Baruni (Zero Mile)
Nearest NH	031
Approximate no. of Brokers	18
Peak Month	January, February & March
Association or Unions Present	No
Most Frequented Route	Within Bihar
% of drivers/cleaners staying for more than a day in this TSL	4%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	258
Trucks per months	7730
Truck:Trucker	2.7
LDT per month (28%)	2164

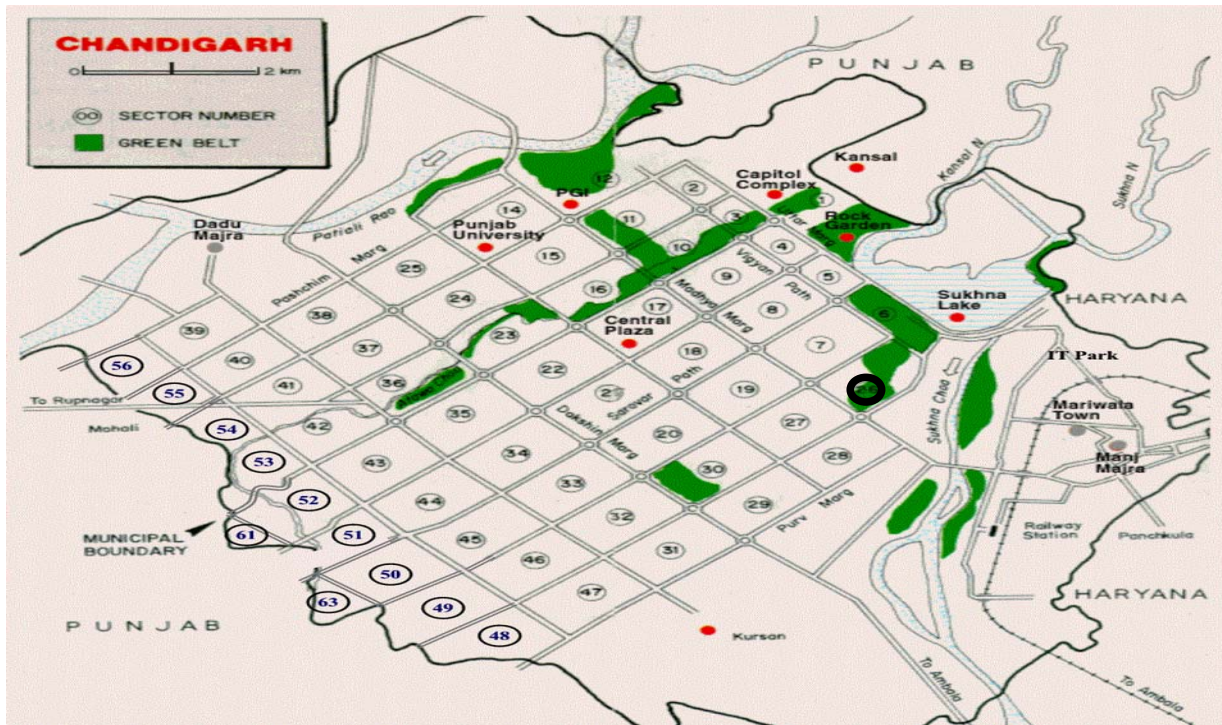
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 18% Enroute - 46%
% of truckers who had sexual intercourse in last 3 months	90%
Type of partners you have had sex in last three months	Commercial - 31.1% Non-Commercial - 93.3%
Usage of Condom while having sex in last three months	Always- 9% Sometimes- 33% Never- 58%
Participation in trucker welfare activities	10% Counseling Services regarding Health Services 8% Group Discussion

Unique Trucks per Month	1660
Unique Truckers per month	4467
Unique Long Distance Trucks per Month	740
Unique Long Distance Truckers per Month	1991

Bihar TSLs at a glance

- Two TSLs of Bihar i.e. Purnia and Baruni out of selected four TSLs passes through NH-31.
- Furthermore, NH-57 touches Purnia TSL of Bihar.
- Purnia has been rated medium priority TSL center. An estimated 15,900 trucks enter Purnia TSL every month which is the highest truck traffic among the other selected TSLs of Bihar.
- It has been found that estimated 73.5% long distance trucks make an entry in the TSL of Raxul Bypass Indo Nepal every month
- Condom availability has been observed in each of the TSL during the survey but regardless of that the percentage of the non-usage of condoms has also been found high among the truckers except in Purnia which is 16%.
- Except Baruni and Patna, the existence of NGOs has been found in the remaining two TSLs of Bihar. The NGO present in Raxul Bypass Indo Nepal worked in the areas of RCH surveys, STI treatment in the society, Anti Girl trafficking, targeted Intervention programmes conducted by Bihar State AIDS Control Society. On the other hand the association looks after transporter problems like negotiations with government, police and other governmental authorities.
- An overwhelming majority of the truckers (92%) reported that they had Knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 4 TSLs of Bihar, vast majority (98%) of the truckers felt that they were at risk of getting HIV.

STATE 4: CHANDIGARH



Topography

Chandigarh serves as the capital of two states, Punjab and Haryana, and is a union territory of India. Chandigarh is located near the foothills of the Shivalik range of the Himalayas in Northwest India. It shares its borders with the states of Haryana in the south and Punjab in the north. The surrounding districts are of Mohali, Patiala and Ropar in Punjab and Panchkula and Ambala in Haryana. The boundary of the state of Himachal Pradesh is not too far from its north.

Economy

The government is a major employer in Chandigarh with three governments having their base here. There are about 15 medium to large industrial including two in the Public sector. The important industries are paper manufacturing, basic metals and alloys and machinery, food products, sanitary ware, auto parts, machine tools, pharmaceuticals and electrical appliances. Chandigarh IT Park is the city's attempt to break into the IT world.

TSL Mapping Exercise

In Chandigarh one site was selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned site was selected as this is the major site in Chandigarh and handles relatively greater proportion of truck traffic. The ensuing pages explain the TSLs briefly and give critical indicators in an encapsulated.

- **Chandigarh (Mani Majra) Transport Nagar (Sector 26)**

Chandigarh is well connected by road. NH 21 (Chandigarh - Leh) passes through the city. An estimated 8750 trucks enter in its TSL every month.

Snapshot of Chandigarh TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Chandigarh (Mani Majra) Transport Nagar (Sector 26)	8750	25375	136	394

Chandigarh Sec.26

Sec. 26
Bus
Stand



Transport Offices

Work
Shop

STD

Mani Majra

Work
Shop

Automobile
Shop

Dhaba

Transport Offices

Entry
Point

Exit
Point

Park

Tuck
Parking

Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Chandigarh (Mani Majra) Transport Nagar (Sector 26)
Nearest NH	021
Approximate no. of Brokers	42
Peak Month	March, June & July
Association or Unions Present	Yes
Most frequented Route	Punjab – Bihar & Punjab – West bengal
% of drivers/cleaners staying for more than a day in this TSL	1%
Availability of Health Facility in/around TSL	No
Mantab of trucks per day	635
Trucks per months	19,050
Truck to Trucker ratio	2.9
LDT per month (6%)	1,143

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 8% Enroute - 85%
% of truckers who had sexual intercourse in last 3 months	83%
Type of partners you have had sex in last three months	Commercial - 56.8% Non-Commercial - 72.7%
Usage of Condom while having sex in last three months	Always- 36% Sometimes- 39% Never- 25%
Participation in trucker welfare activities	20% Distribution of Condoms 15% Counseling Services regarding Health Services

Unique Trucks per Month	8750
Unique Truckers per month	25375
Unique Long Distance Trucks per Month	136
Unique Long Distance Truckers per Month	394

Snapshot of Association present in the TSL

- ❖ **Chandigarh Transport Association** is functional in Chandigarh Transport Sector. This association was incepted in 1995.
- ❖ Mr A.K. Barod, Managing Director was contacted.
- ❖ The association organizes medical chck ups and also had provided facility of Sulabh Toilets in Transport Nagar.
- ❖ The NGO also had organized free medical check up camps and also imparted counseling session on HIV/AIDS. They also allocate maintenance charge to clean the transport Nagar.
- ❖ Mr Barod says, "Truck drivers are less educated so they need more knowledge on HIV/AIDS "
- ❖ The association is willing to participate in any trucker welfare activities organized by the government.

Chandigarh TSLs...

- One TSL has been selected in Chandigarh (Mani Majra Sector 26). An estimated 19,050 trucks enter in the TSL of Chandigarh every month.
- NH- 21 passes through Chandigarh TSL
- Mani Majra Sector 26 has been ranked as Medium Priority TSL center with 25974 unique truckers.
- It has been observed that the condoms are available within/near the TSL and the existence of union which organizes free medical check up camps and also imparted counseling session on HIV/AIDS.
- In Chandigarh, universally truckers (100%) reported that they had Knowledge of HIV/AIDS.
- All (100%) the truckers in Chandigarh TSL felt that they were at risk of contracting HIV.

STATE 5: CHHATTISGARH



Topography

Chhattisgarh a state in central India, formed when the sixteen Chhattisgarhi-speaking southeastern districts of Madhya Pradesh gained statehood on November 1, 2000. Raipur serves as its capital. It borders Madhya Pradesh on the northwest, Maharashtra on the west, Andhra Pradesh on the south, Orissa on the east, Jharkhand on the northeast and Uttar Pradesh on the north.

Economy

Chhattisgarh is one of the rapidly developing states of India. Chhattisgarh's gross state domestic product for 2004 is estimated at 12 billion USD in current prices. After partition, this mineral-rich state produces 30% of the output of the old Madhya Pradesh state. Chhattisgarh's southern area consists of iron ore available where NMDC is excavating to meet the iron demand in India and as well sending to countries like Japan.

TSL Mapping Exercise

In Chhattisgarh three sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major sites in Chhattisgarh and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Raipur TP Nagar**

Raipur is the capital city of the state of Chhattisgarh, India. Raipur is primarily a commercial city. Traditionally, Raipur has been described as "an agricultural-processing and saw-milling town". There are several small-scale industries, which include oil milling, soap manufacturing and electrical welding. NH-200 and NH-6 passes through the city and an estimated 17900 trucks enter in its TSL every month.

- **Bhilai**

Bhilai is the second-largest city in Chhattisgarh. The city is located 22 km west of the capital Raipur on the Howrah–Mumbai rail line. The economy of the town is centred on the massive Bhilai Steel Plant, one of the largest integrated steel plants in the world. National Highway -6 passes through the city and an estimated 12600 trucks enter in its TSL every month.

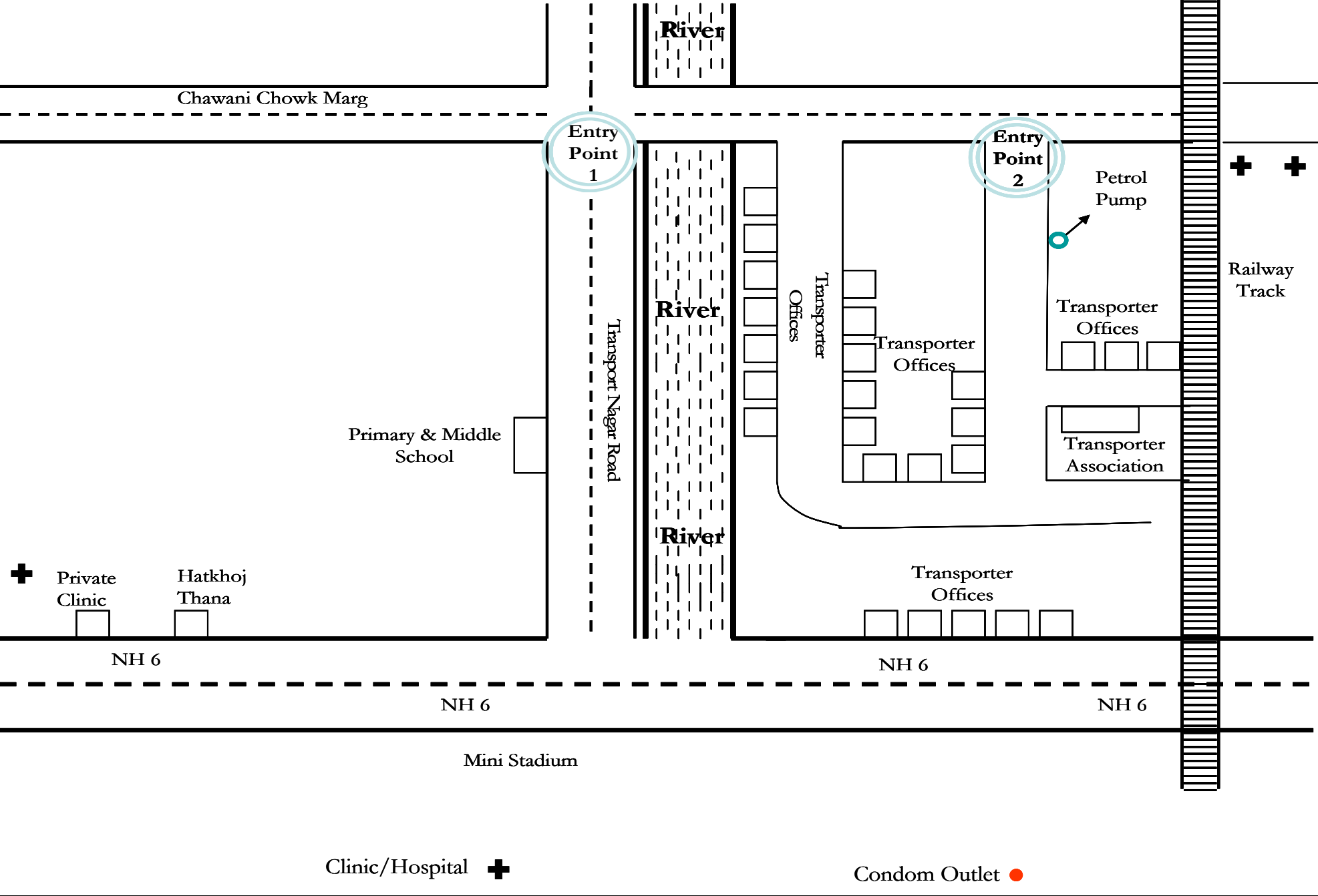
- **Korba TP Nagar**

Korba District is the Industrial hub and power capital of Chattisgarh. Naturally endowed with mineral resources like limestone, fireclay, etc it all possesses all the key ingredients required for thermal power generation. The tribals mainly depend on agriculture for their subsistence. Korba District, the Industrial hub of Chattisgarh is renowned for its black diamond and Kosa silk industry. NH-6 passes through the city and an estimated 2838 trucks enter in its TSL every month.

Snapshot of Chhattishgarh TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Raipur TP Nagar	17900	43318	5119	12387
Bhilai	12600	31878	7027	17779
Korba TP Nagar	2838	7917	789	2201

Bhilai Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Bhilai Transport Nagar
Nearest NH	NH- 6
Approximate no. of Brokers	90
Peak Month	January, February & March
Association or Unions Present	Yes
Most frequented Route	Within Chhattisgarh
% of drivers/cleaners staying for more than a day in this TSL	5.6%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	1,674
Trucks per months	50,210
Truck to Trucker ratio	2.5
LDT per month (39%)	19,582

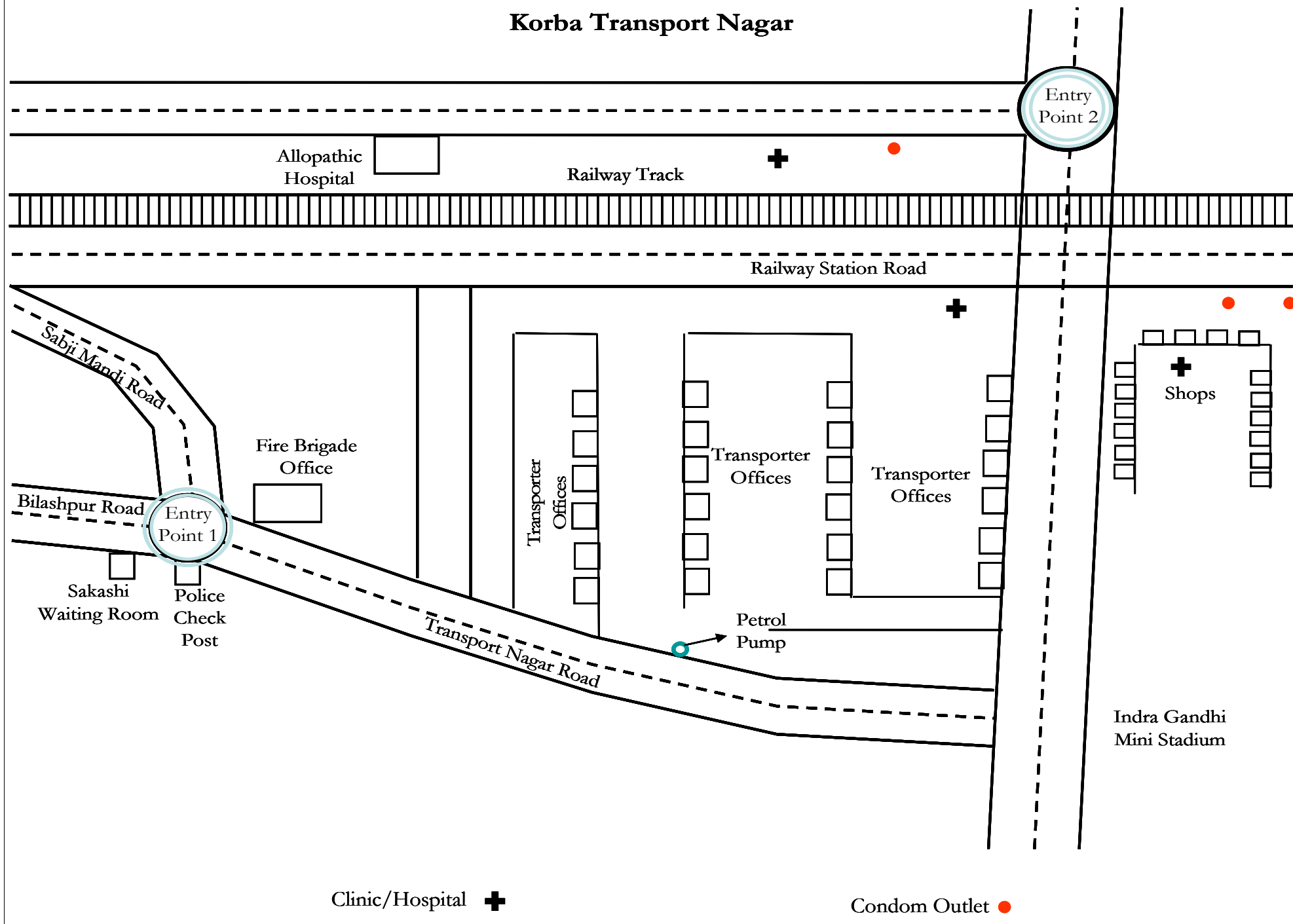
Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 28.6% Non-Commercial - 90.5%
Usage of Condom while having sex in last three months	Always- 19% Sometimes- 29% Never- 52%
Participation in trucker welfare activities	5% Trucker Utsav 7% Street Plays

Unique Trucks per Month	12,600
Unique Truckers per month	31,878
Unique Long Distance Trucks per Month	7,027
Unique Long Distance Truckers per Month	17,779

Snapshot of Association present in the TSL

- ❖ **Chhattisgarh Trailer Transport Association** is functional in Bhilai. This association was incepted in 2006.
- ❖ Mr Jagatram, Vice President of the association was contacted.
- ❖ This association works for truck drivers & transporters.
- ❖ The association has previously organized programmes such as health camps, distributed dress in schools, given funds for sports in schools, collected funds for Tsunami, organized cultural activities etc.
- ❖ According to the Vice President, "awareness should be spread around so that people have sound understanding of the same because people do mistakes due to lack of information"
- ❖ In general truckers face problems like no freights available, problem of loading and unloading, break down of vehicles etc.
- ❖ They wish to start group insurance schemes to cover the truckers losses, if any. Also they want to start a dress code for drivers and helpers in future.

Korba Transport Nagar



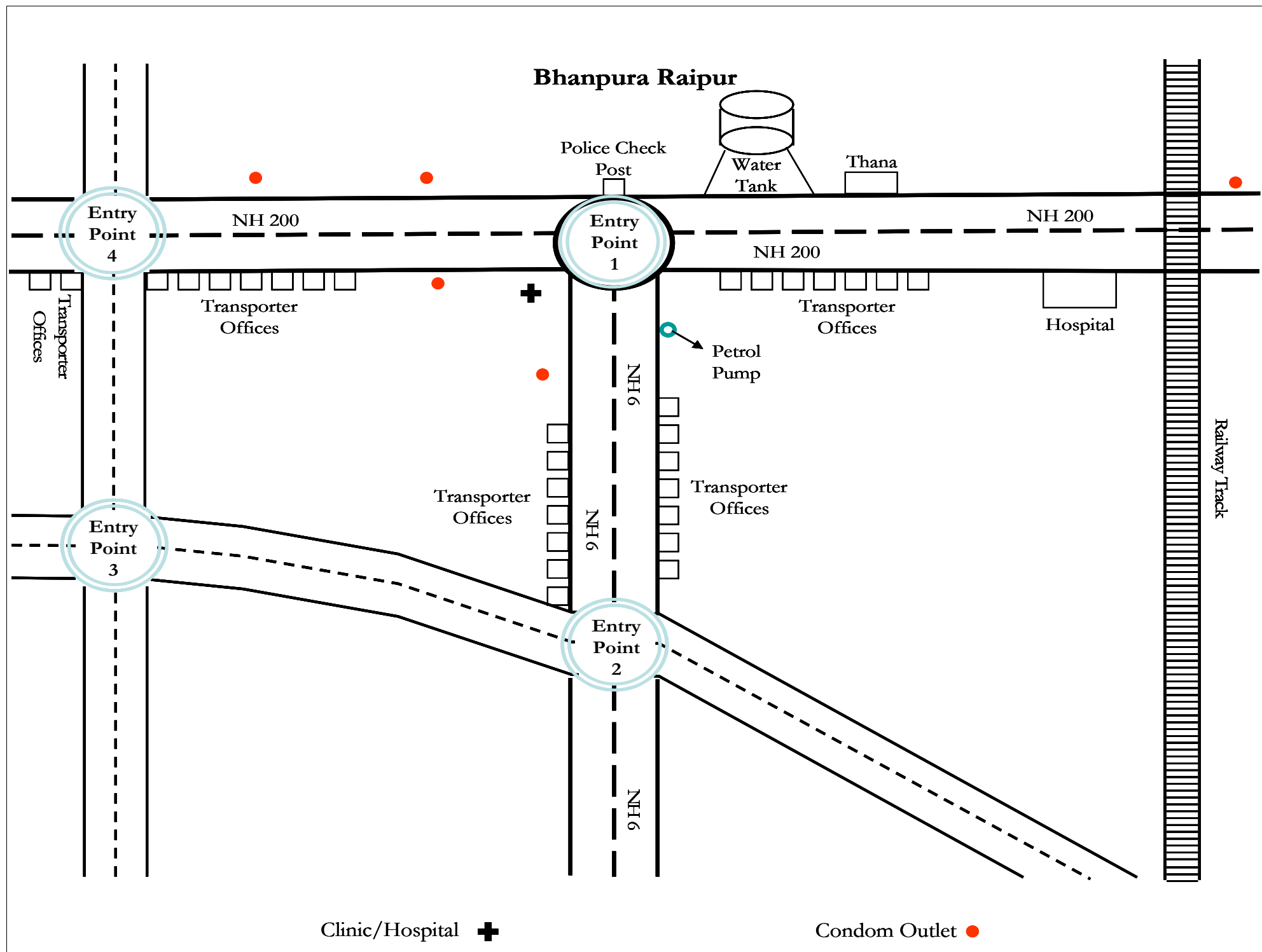
Trans-shipment Location Profile	
Name of TSL : City	Korba Transport Nagar
Nearest NH	006
Approximate no. of Brokers	45
Peak Month	March, October & September
Association or Unions Present	Yes
Most frequented Route	Within Chhattisgarh
% of drivers/cleaners staying for more than a day in this TSL	16.7%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic)

Mantab of trucks per day	478
Trucks per months	14,350
Truck:Trucker	2.8
LDT per month (15.2%)	2,181

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 30.8% Non-Commercial - 92.3%
Usage of Condom while having sex in last three months	Always- 15% Sometimes- 46% Never- 38%
Participation in trucker welfare activities	8% Health Camps 7% Street Plays

Unique Trucks per Month	2,838
Unique Truckers per month	7,917
Unique Long Distance Trucks per Month	789
Unique Long Distance Truckers per Month	2,201

Snapshot of Association present in the TSL
<ul style="list-style-type: none"> ❖ Goods transport Association is functional in Korba. This association was incepted 1.5 years ago. ❖ Mr Rajendar Prasad Tiwari, President of the association was contacted. ❖ This association works for truck drivers & transporters. ❖ The association has previously organized programmes wherein they wrote slogans of AIDS on trucks, collected funds for flood affected people and arranged for water and sanitation. ❖ According to the President, "we do activities time to time as writing slogan on trucks for awareness about AIDS etc. Also the awareness of HIV/AIDS is very important for drivers and helpers as they are very less educated about the dangerous disease" ❖ In general truckers face problems like no freights available, problem of loading and unloading, break down of vehicles etc.



Trans-shipment Location Profile	
Name of TSL : City	Bhanpura Raipur TP Nagar
Nearest NH	NH-6, NH-200
Approximate no. of Brokers	300
Peak Month	January & February
Association or Unions Present	Yes
Most frequented Route	Within Chhattisgarh
% of drivers/cleaners staying for more than a day in this TSL	82%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	2889
Trucks per months	86660
Truck:Trucker	2.4
LDT per month (20.1%)	17419

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 32% Enroute – 32%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial - 43.5% Non-Commercial - 92.0%
Usage of Condom while having sex in last three months	Always- 24% Sometimes- 51% Never- 24%
Participation in trucker welfare activities	12% Trucker utsav 10% Street Play 8% Distribution of Condoms

Unique Trucks per Month	17900
Unique Truckers per month	43318
Unique Long Distance Trucks per Month	5119
Unique Long Distance Truckers per Month	12387

Snapshot of Association present in the TSL

- ❖ Delhi Haryana Punjab Roadways is functional in Raipur Transport Nagar.
- ❖ Mr. Naresh Verma Supervisor, of the association was interviewed.
- ❖ This association works for Truck Drivers.
- ❖ The association works on crisis management.
- ❖ According to Mr. Tapas Chowdhury, "lack of awareness and knowledge on issue of HIV/AIDS only escalates the problems so spread of information is required at this point of time".
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Chhattisgarh TSLs at a glance ...

- All the three TSLs of Chhattisgarh i.e. Raipur TP Nagar, Bhilai and Korba TP Nagar lie on NH-06. Raipur TP Nagar also touches NH-200.
- NH-06 which sets up from Surat and ends up by touching Kokatta, covers approximate 1949 kms in between.
- Bhanpura Raipur TP TSL and Bhilai have been categorized high priority TSL centers having the highest number of truckers i.e. 43318 and 31878 respectively.
- Both the TSLs (Bhanpura Raipur TP and Bhilai) have been placed on NH-06 and the distance between these two centers is approximate 70% and as also been stated high priority TSLs with a good number of truckers' population and could be a strategic point of intervention.
- In the time frame of 24 hours, an estimated 2889 trucks enter in Bhanpura Raipur TP TSL. This implies that an estimated 86660 trucks enter Bhanpura Raipur TP TSL per month. This is by far the busiest TSLs in terms of traffic out of all the mapped sites in Chhattisgarh.
- It has been found that estimated 39% long distance trucks make an entry in the TSL of Bhilai every month.
- The percentage of non-users of condoms has been found high in all of the TSLs in spite of the availability of condoms. The highest has been found in Bhilai (52%).
- The presence of Health facility has been found in all of the TSL of Chhattisgarh.
- In the TSLs mapped in Chhattisgarh 90% truckers reported that they had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. Around 2/3rd of the truckers in Chhattisgarh TSLs (65%) felt that they were at risk of getting HIV.

STATE 6: DADRA AND NAGAR HAVELI



Topography

Dadra and Nagar Haveli is a Union Territory in western India. Run by a Lieutenant Governor, it has Silvassa as its capital. It lies on the north bank of the Daman Ganga River. The major language of this union territory is Gujarati.

Economy

The main economy in Dadra and Nagar Haveli is manufacturing. The taxes are very low here as there is no excise duty. In the service sector, Real Estate, Mortgage and consultancies are major contributors to the state economy.

TSL Mapping Exercise

In Dadra and Nagar Haveli one site was selected for the mapping exercise. This centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned site were selected as this is a major site in Dadra and Nagar Haveli and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

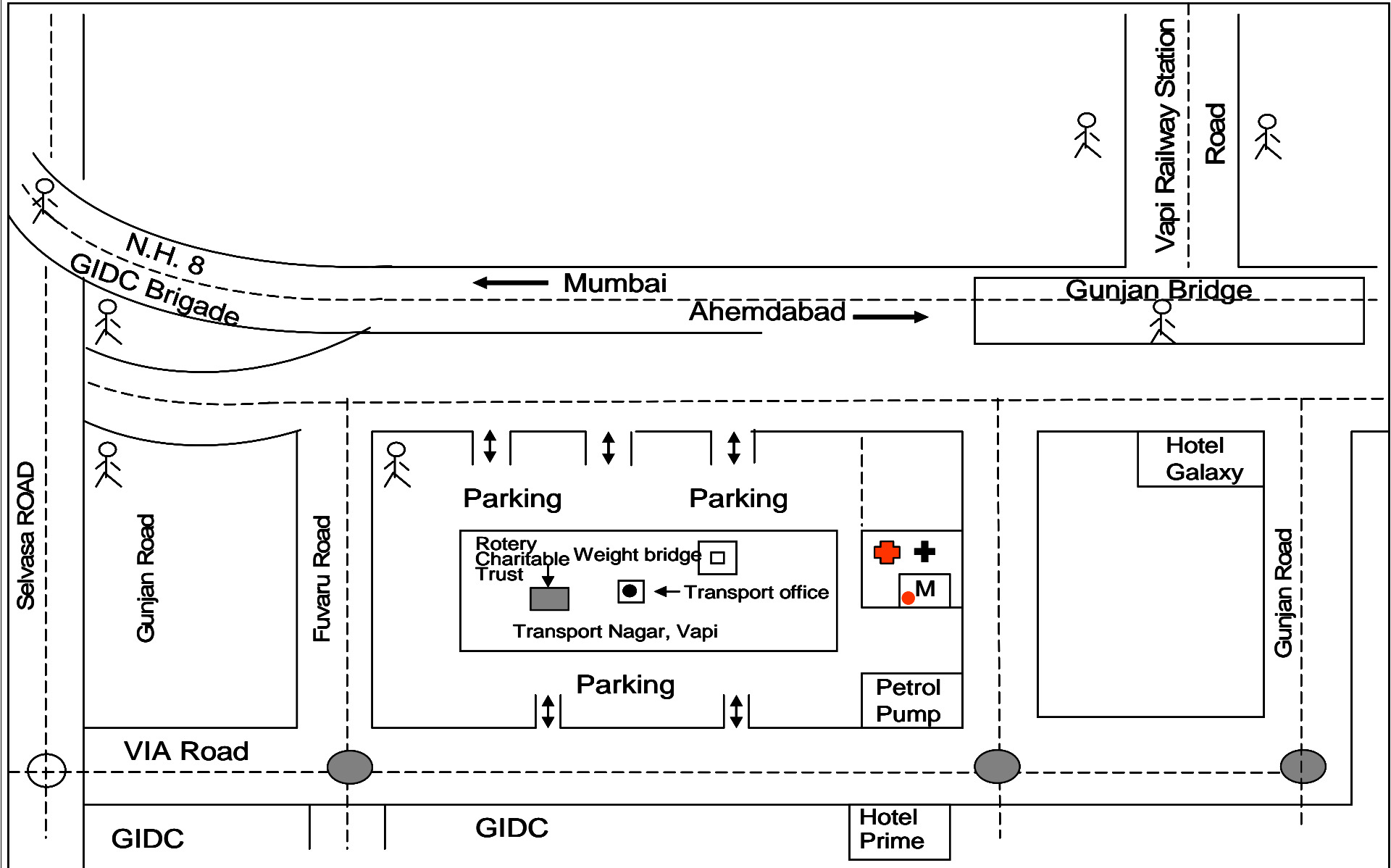
- **Silvassa**

Silvassa is the capital of the Indian Union Territory of Dadra and Nagar Haveli. The city has a large number of factories and industries providing significant government revenue, which allows the city to maintain a low level of taxation. NH-8 passes through the city and an estimated 6157 trucks enter in the TSL every month.

Snapshot of Dadra & Nagar Haveli TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Silvassa	6157	12684	4151	8550

Vapi



-
- H - Hospital
 M – Medical Store
 CSW Area
 Transport Association
 N.G.O.
 Condom Outlet
- Clinic/Hospital

Trans-shipment Location Profile	
Name of TSL : City	Silvassa
Nearest NH	008
Approximate no. of Brokers	867
Peak Month	January, February & March
Association or NGO Present	Yes
Most frequented Route	Maharashtra - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	25.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic, NGOs)

Mantab of trucks per day	1198
Trucks per months	35950
Truck:Trucker	2.1
LDT per month (47.5%)	17076

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 50% Enroute - 32%
% of truckers who had sexual intercourse in last 3 months	52%
Type of partners you have had sex in last three months	Commercial - 50.0% Non-Commercial - 69.2%
Usage of Condom while having sex in last three months	Always- 46% Sometimes- 50% Never- 4%
Participation in trucker welfare activities	11% Health Camps 5% Distribution of Condoms 40% Counseling Services regarding Health Services

Unique Trucks per Month	6157
Unique Truckers per month	12684
Unique Long Distance Trucks per Month	4151
Unique Long Distance Truckers per Month	8550

Snapshot of NGO present in the TSL

- ❖ **Rotary Charitable Trust is functional in Vapi Transport Nagar.** This association was incepted in 1975.
- ❖ Mr. Jignesh B.Patel, Project Officer of the association was interviewed.
- ❖ This association works on Rural Development, Health and for welfare of Slum Dwellers.
- ❖ The association had done a project on STI treatment for the Truckers.
- ❖ According to Mr. Jignesh B.Patel, *"we should spread awareness on the issues of HIV/AIDS among truck drivers because awareness is itself a weapon to save them from AIDS."*
- ❖ The association is willing to participate AIDS control programme of NACO.

STATE 7: DELHI



Topography

New Delhi, the capital city of India is a political and business hub of India. Delhi is the second-largest city of India, and the eighth largest metropolis in the world by population. Today Delhi is a major cultural, political, and commercial center of India. Delhi lies in northern India. It borders the Indian states of Uttar Pradesh on East and Haryana on West, North and South. Delhi lies almost entirely in the Gangetic plains.

Economy

Delhi registered an economic growth rate of 16% in 2006–07. In 2001 the total workforce in all government (union and state) and quasi government sector was 620,000. Key service industries include information technology, telecommunications, hotels, banking, media and tourism. Delhi's manufacturing industry has also grown considerably as many consumer goods industries have established manufacturing units and headquarters in and around Delhi. Delhi's large consumer market, coupled with the easy availability of skilled labour, has attracted foreign investment in Delhi.

TSL Mapping Exercise

In Delhi four sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major sites in Delhi and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Delhi SGTN**

SGTN (Sanjay Gandhi Transport Nagar) – the largest trans-shipment hub in Asia is situated in the city of Delhi. Situated in the dust and grime, Sanjay Gandhi Transport Nagar is a haven for truck drivers and commercial sex workers: a community highly prone to sexually transmitted diseases and HIV/AIDS. NH-1 passes through the city and an estimated 23800 trucks enter in its TSL every month.

- **Delhi ICD Tuglakabad**

NH-8 passes through the city and an estimated 11700 trucks enter in its TSL every month.

- **Delhi Azadpur Mandi Delhi**

NH-1 passes through the city and an estimated 8788 trucks enter in its TSL every month.

- **Delhi Punjabi Bagh**

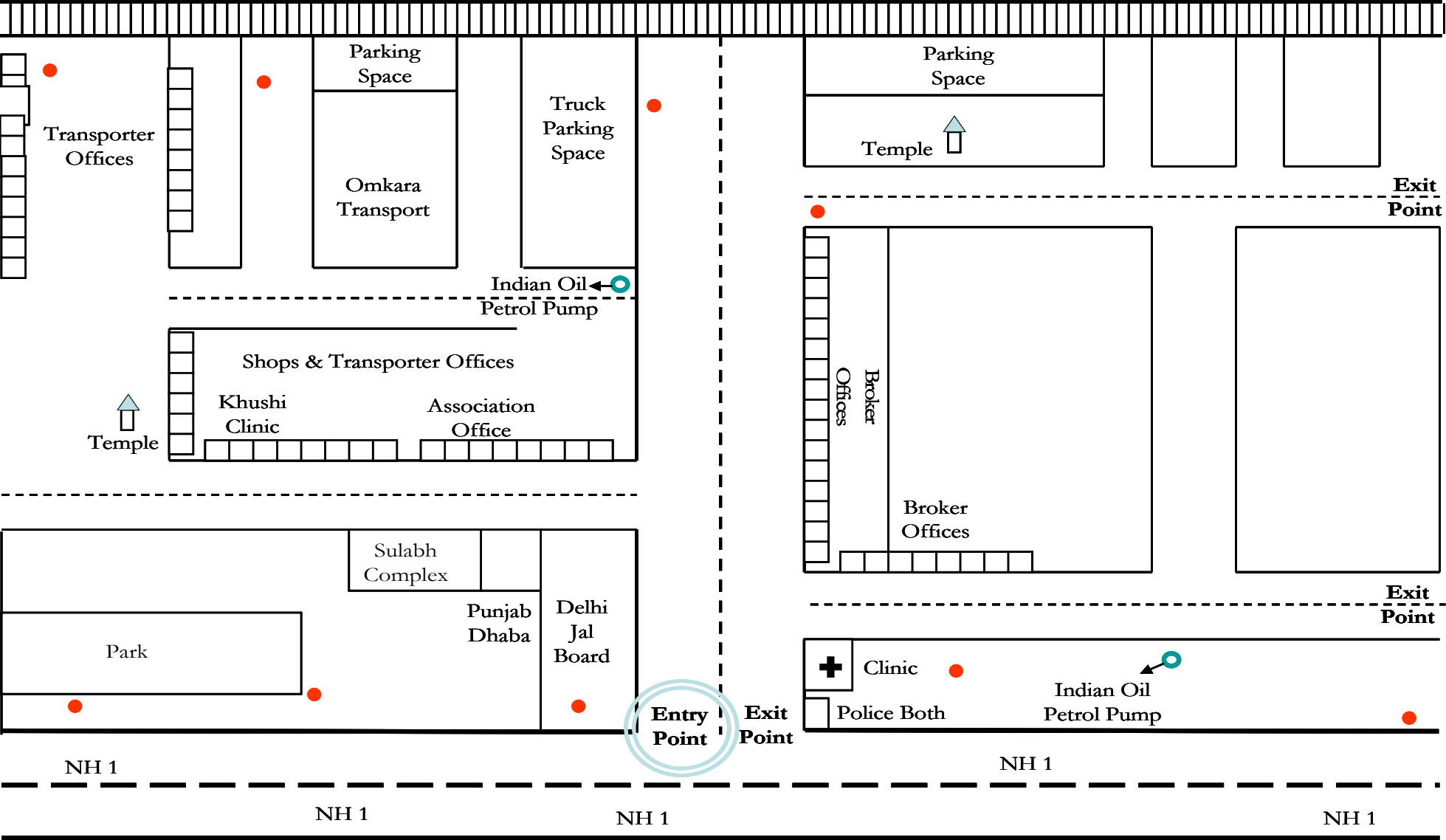
NH-8 passes through the city and an estimated 6699 trucks enter in its TSL every month.

Snapshot of Delhi TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Delhi SGTN	23800	62594	14500	38135
Delhi ICD Tuglakabad	11700	25974	6395	14198
Delhi Azadpur Mandi Delhi	8788	21179	3290	7928
Delhi Punjabi Bagh	6699	19159	5803	16598

Sanjay Gandhi Transport Nagar

Railway Track



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Sanjay Gandhi Transport Nagar
Nearest NH	001
Approximate no. of Brokers	383
Peak Month	April, May & October
Association and Union Present	Yes
Most frequented Route	Uttar Pradesh - Delhi
% of drivers/cleaners staying for more than a day in this TSL	36.2%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, NGOs)

Mantab of trucks per day	3337
Trucks per months	100,100
Truck:Trucker	2.6
LDT per month (50.7%)	50,751

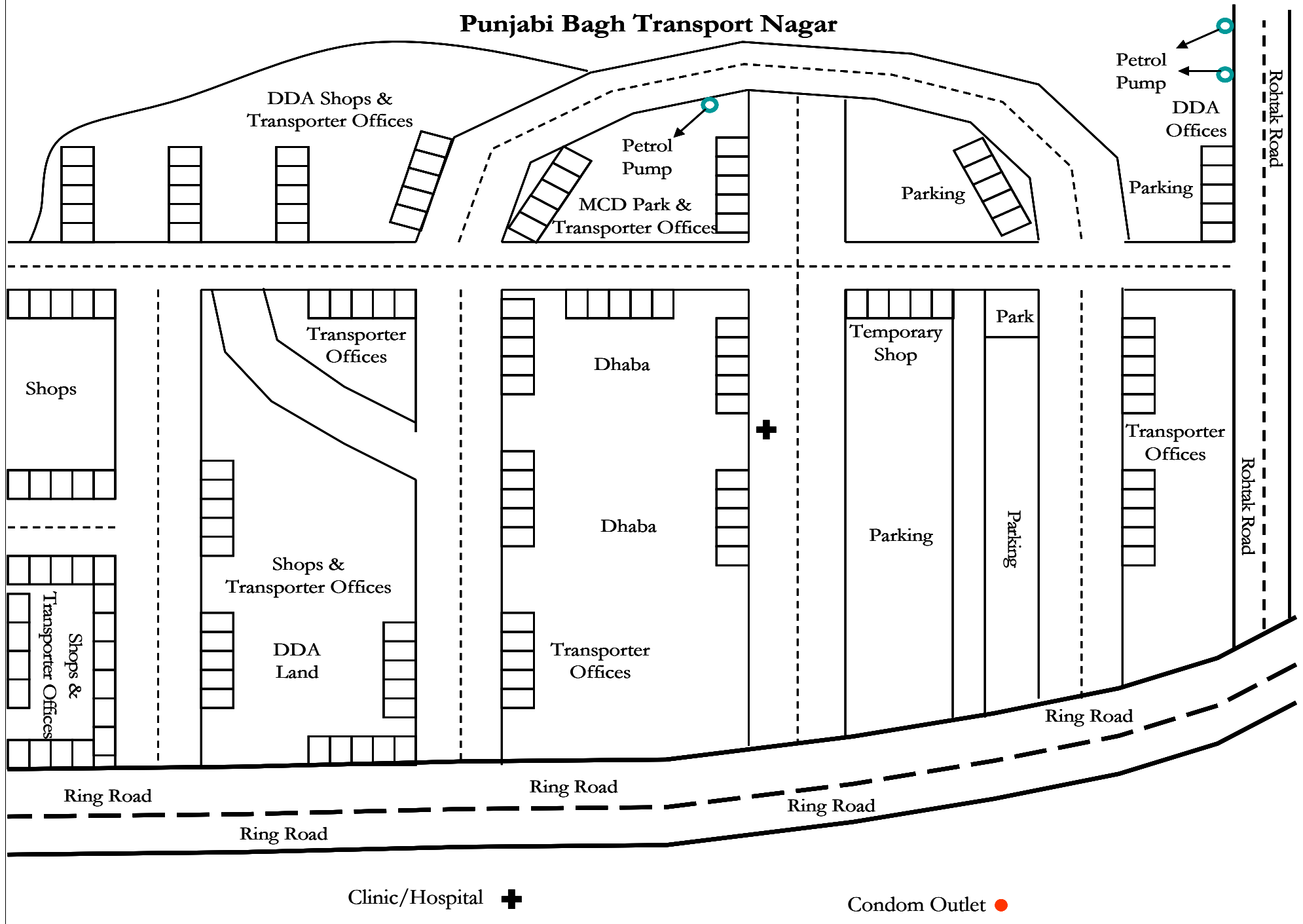
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 44%
% of truckers who had sexual intercourse in last 3 months	58%
Type of partners you have had sex in last three months	Commercial - 13.3% Non-Commercial - 96.7%
Usage of Condom while having sex in last three months	Always- 3% Sometimes- 27% Never- 70%
Participation in trucker welfare activities	21% Trucker Utsav 20% Distribution of Condoms

Unique Trucks per Month	23,800
Unique Truckers per month	62,594
Unique Long Distance Trucks per Month	14,500
Unique Long Distance Truckers per Month	38,135

Snapshot of Association present in the TSL

- ❖ **Child Survival India is functional in SGTN.** This association was incepted in 1991.
- ❖ Mr Prabhat Kumar Singh, Project Co-coordinator was contacted.
- ❖ The NGO works under Project Kavach wherein they promote safe sexual practices constantly track the behaviour of truckers and also attempt to decrease the death rate that occurs due to STI and HIV/AIDS.
- ❖ They also organize health information camps, culture programmes: film shows for health awareness, health games on regular basis etc.
- ❖ Mr Singh says, "*The driver is aware of AIDS but he does not bring to his behaviour and he feels shy to talk before others.*"
- ❖ In general truckers face problems like no proper living space etc. They also don't get medicines as health centre is not there.
- ❖ The NGO is also willing to participate in trucker activities organized by government, if any.

Punjabi Bagh Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Punjabi Bagh Transport Nagar
Nearest NH	008
Approximate no. of Brokers	50
Peak Month	September, October & November
Association or Unions Present	No
Most frequented Route	Delhi-Gujarat
% of drivers/cleaners staying for more than a day in this TSL	16.6%
Availability of Health Facility in/around TSL	Yes

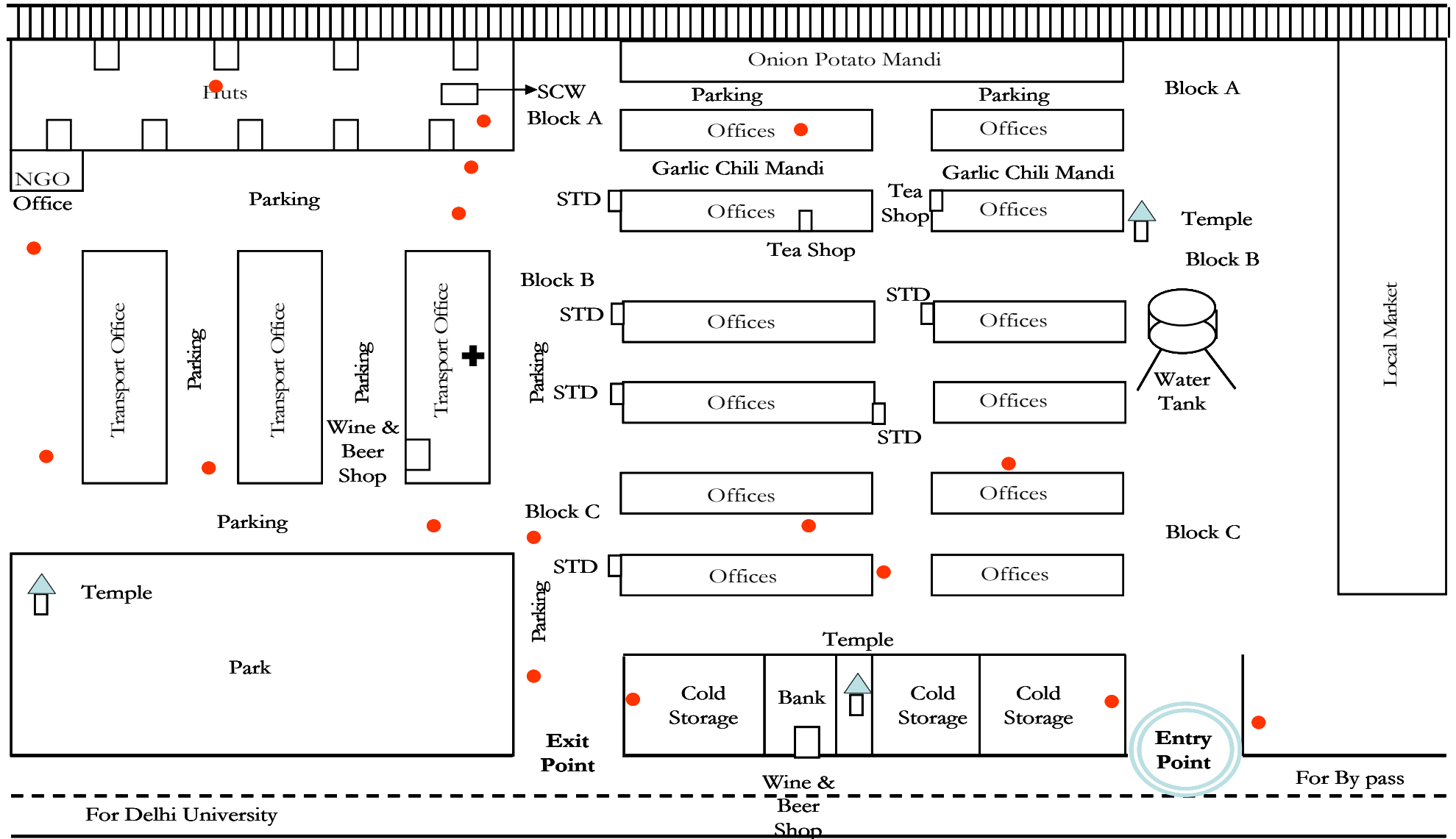
Mantab of trucks per day	893
Trucks per months	26800
Truck:Trucker	2.9
LDT per month (77.3%)	20716

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 12% Enroute - 14%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 47.7% Non-Commercial - 77.3%
Usage of Condom while having sex in last three months	Always- 7% Sometimes- 66% Never- 27%
Participation in trucker welfare activities	14% Health Camps 13% Counseling Services regarding Health Services

Unique Trucks per Month	6699
Unique Truckers per month	19159
Unique Long Distance Trucks per Month	5803
Unique Long Distance Truckers per Month	16598

Azadpur Mandi Delhi

Railway Track



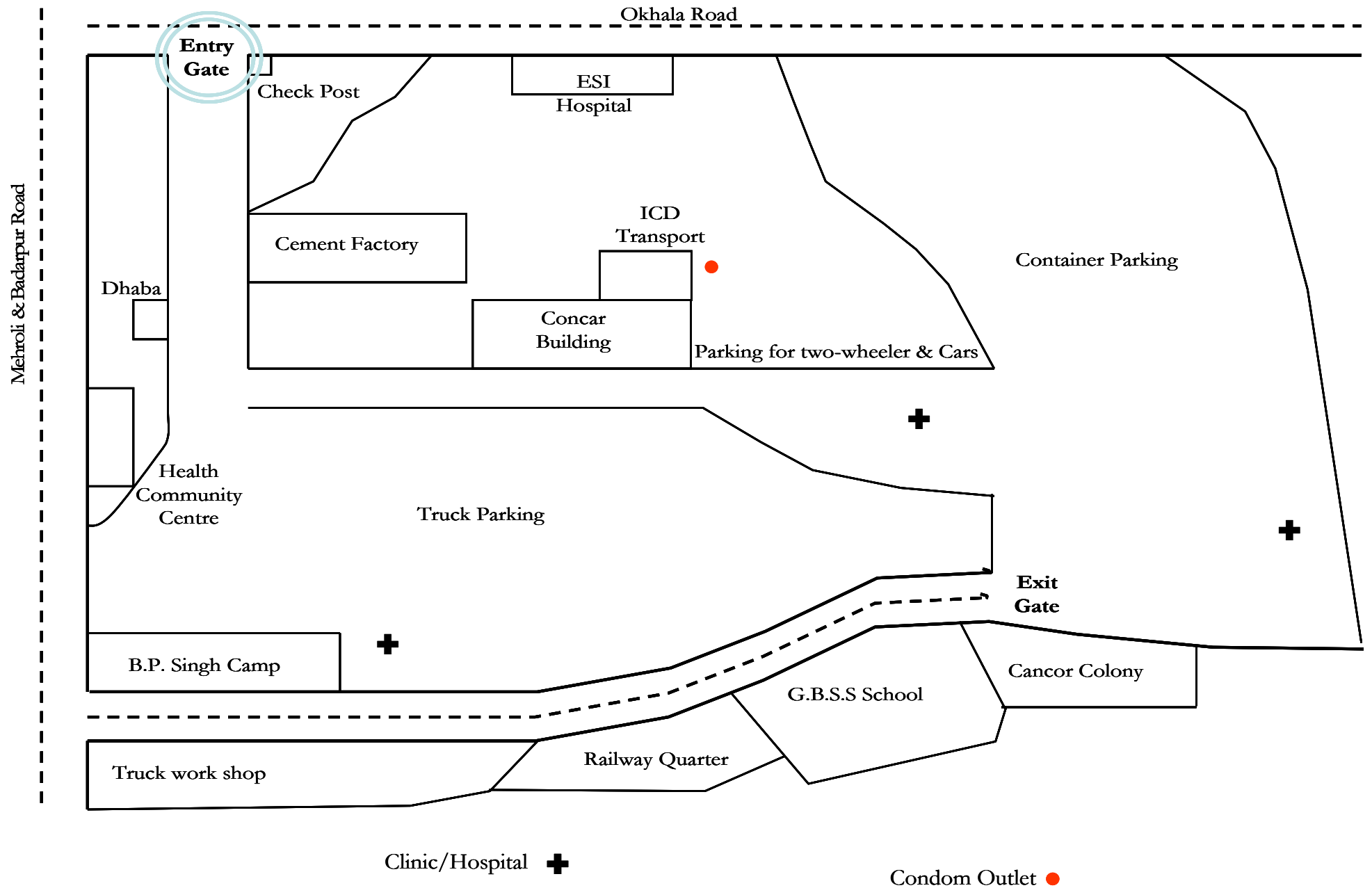
Trans-shipment Location Profile	
Name of TSL : City	Azadpur Mandi
Nearest NH	001
Approximate no. of Brokers	283
Peak Month	January, February & December
Association or Unions Present	No
Most frequented Route	Haryana - Delhi
% of drivers/cleaners staying for more than a day in this TSL	16.9%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, NGOs)

Mantab of trucks per day	1757
Trucks per months	52720
Truck:Trucker	2.4
LDT per month (21.1%)	11124

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 44% Enroute - 32%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 75.0% Non-Commercial - 65.9%
Usage of Condom while having sex in last three months	Always- 30% Sometimes- 64% Never- 7%
Participation in trucker welfare activities	20% Health Camps 16% Distribution of Condoms 17% Counseling Services regarding Health Services

Unique Trucks per Month	8788
Unique Truckers per month	21179
Unique Long Distance Trucks per Month	3290
Unique Long Distance Truckers per Month	7928

ICD Tugalkabad Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	ICD Tuglakabad Transport Nagar
Nearest NH	008
Approximate no. of Brokers	450
Peak Month	March, April & October
Association or Unions Present	No
Most frequented Route	Delhi - Rajasthan
% of drivers/cleaners staying for more than a day in this TSL	27.6%
Availability of Health Facility in/around TSL	Yes

Mantab of trucks per day	1608
Trucks per months	48250
Truck:Trucker	2.2
LDT per month (33.7%)	16260

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 8% Enroute - 4%
% of truckers who had sexual intercourse in last 3 months	47%
Type of partners you have had sex in last three months	Commercial - 12.0% Non-Commercial - 88.0%
Usage of Condom while having sex in last three months	Always- 16% Sometimes- 40% Never- 44%
Participation in trucker welfare activities	6% Health Camps 7% Distribution of Condoms

Unique Trucks per Month	11700
Unique Truckers per month	25974
Unique Long Distance Trucks per Month	6395
Unique Long Distance Truckers per Month	14198

Delhi TSLs at a glance...

- Four TSLs have been selected in Delhi out of that Delhi SGTN and Delhi Azadpur Mandi lie on NH-01 (Delhi-Amritsar Highway – North-North route category). This implies that the aforementioned TSLs lie on the Golden Quadrilateral.
- The remaining two TSLs i.e. Delhi Punjabi Bagh and Delhi ICD Tuglakabad lie on NH-08 (Delhi-Mumbai Highway – North-West route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral. It has been observed that NH-08 touches NH-01, NH-24, NH-02, and NH-10 from its all sides out of which NH-1 and NH-2 lie on Golden Quadrilateral.
- It has been observed in the data that the distance between Delhi and Gurgaon (NH-02) is approximate 50 km, which could be an intervention point and would further cover a good number of truckers of Delhi and Gurgaon.
- In the time frame of 24 hours, an estimated 3337 trucks enter Delhi SGTN TSL. This implies that an estimated 100,100 trucks enter Delhi SGTN TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Delhi.
- Delhi SGTN TSL has also been rated among high priority TSL centers with 62594 unique truckers.
- It has been found that estimated 77.3% long distance trucks make an entry in the TSL of Delhi Punjabi Bagh every month.
- The availability of condoms has been found in all of the TSLs but the usage is not so high. Delhi SGTN TSL has the highest percentage (70%) of non-users of condoms.
- More than 4/5th (85%) of the truckers interviewed in the TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 4 TSLs of Delhi, all the truckers interviewed felt that they were at risk of getting infected with HIV.

STATE 8: GOA



Topography

Goa is India's smallest state in terms of area and the fourth smallest in terms of population. Located on the west coast of India in the region known as the Konkan, it is bounded by the state of Maharashtra to the north, and by Karnataka to the east and south, while the Arabian Sea forms its western coast. Panaji (also referred to as Panjim) is the state's capital. Renowned for its beaches, places of worship and world heritage architecture, Goa has rich flora and fauna, owing to its location on the Western Ghats range, which is classified as a biodiversity hotspot.

Economy

Goa is one of India's richest states with a second highest GDP per capita and two and a half times that of the country as a whole. Tourism is Goa's primary industry: it handles 12% of all foreign tourist arrivals in India. Commercial area in Panjim, the land away from the coast is rich in minerals and ores and mining forms the second largest industry. Mining in Goa focuses on ores of iron, Bauxite, manganese, clays, limestone and silica.

TSL Mapping Exercise

In Goa three sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Goa and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Margao**

Margao is Goa's second largest but busiest town, the commercial capital of the state, and the administrative headquarters of South Goa District and of the Salcette taluk. NH-17B passes through the city and an estimated 12700 trucks enter in its TSL every month.

- **Ponda**

Ponda is a city and a municipal council in North Goa district in the Indian state of Goa. It is located in the central part of Goa. Ponda city lies about 28km south-east of Panaji and 17km north-east of Margao and is also the capital of Ponda Taluka. NH-17B passes through the city and an estimated 3976 trucks enter in its TSLs.

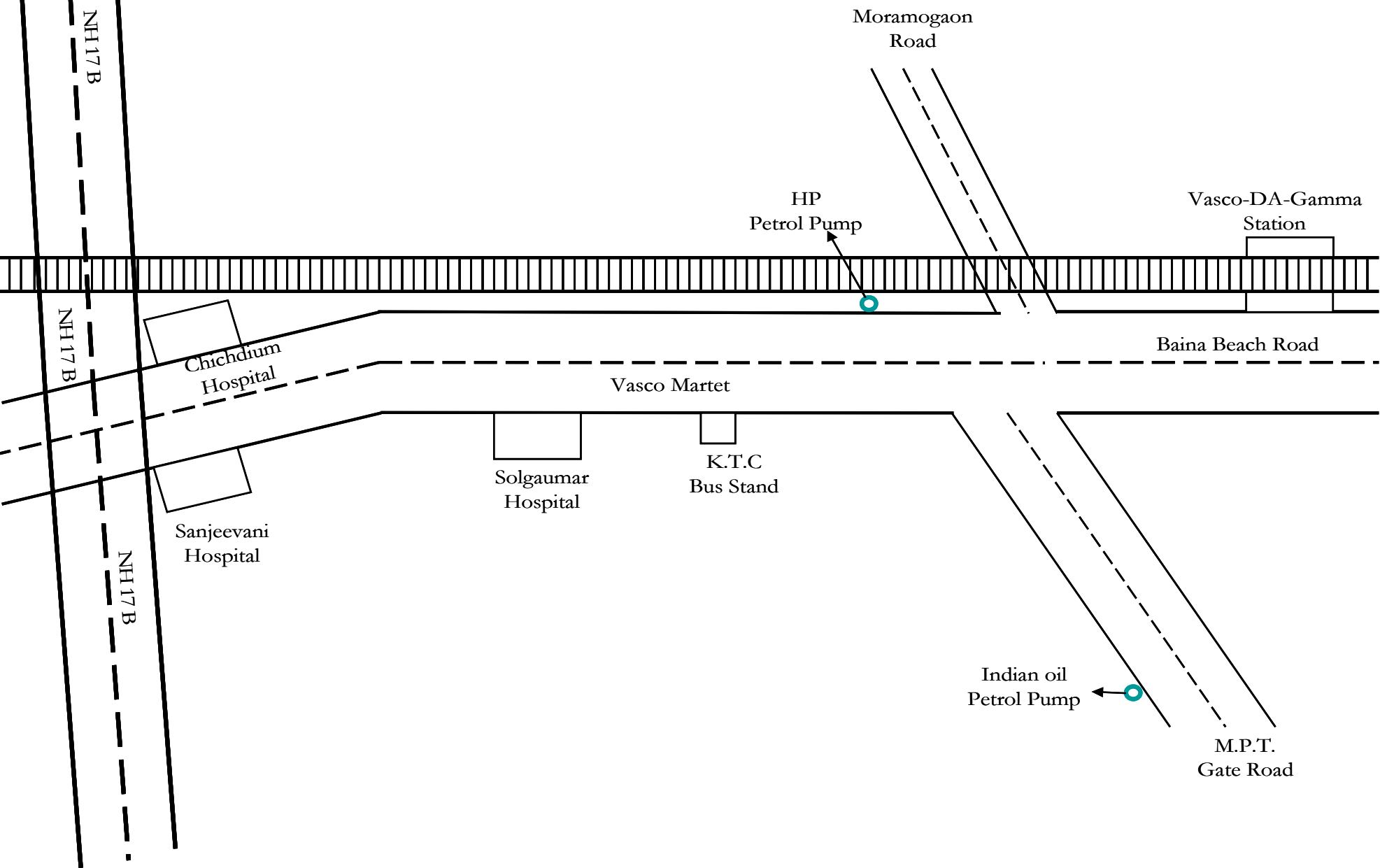
- **Vasco**

Vasco da Gama (often shortened to Vasco) is a small city in Goa state on the west coast of India. Vasco has Goa's largest population, the town lies on the western tip of the Mormugao peninsula, at the mouth of the Zuari River, about 30 km from Panaji (Panjim), Goa's capital, and about 5 km from the Dabolim Airport (GOI). Vasco "city" is well connected by road, rail, sea and air: NH 17B passes through the city and an estimated 2524 trucks enter in the TSL in a month.

Snapshot of Goa TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Margao	12700	28448	7593	17009
Ponda	3976	8628	2767	6003
Vasco	2524	6082	922	2221

M.P.T Gate No.9 Vasco



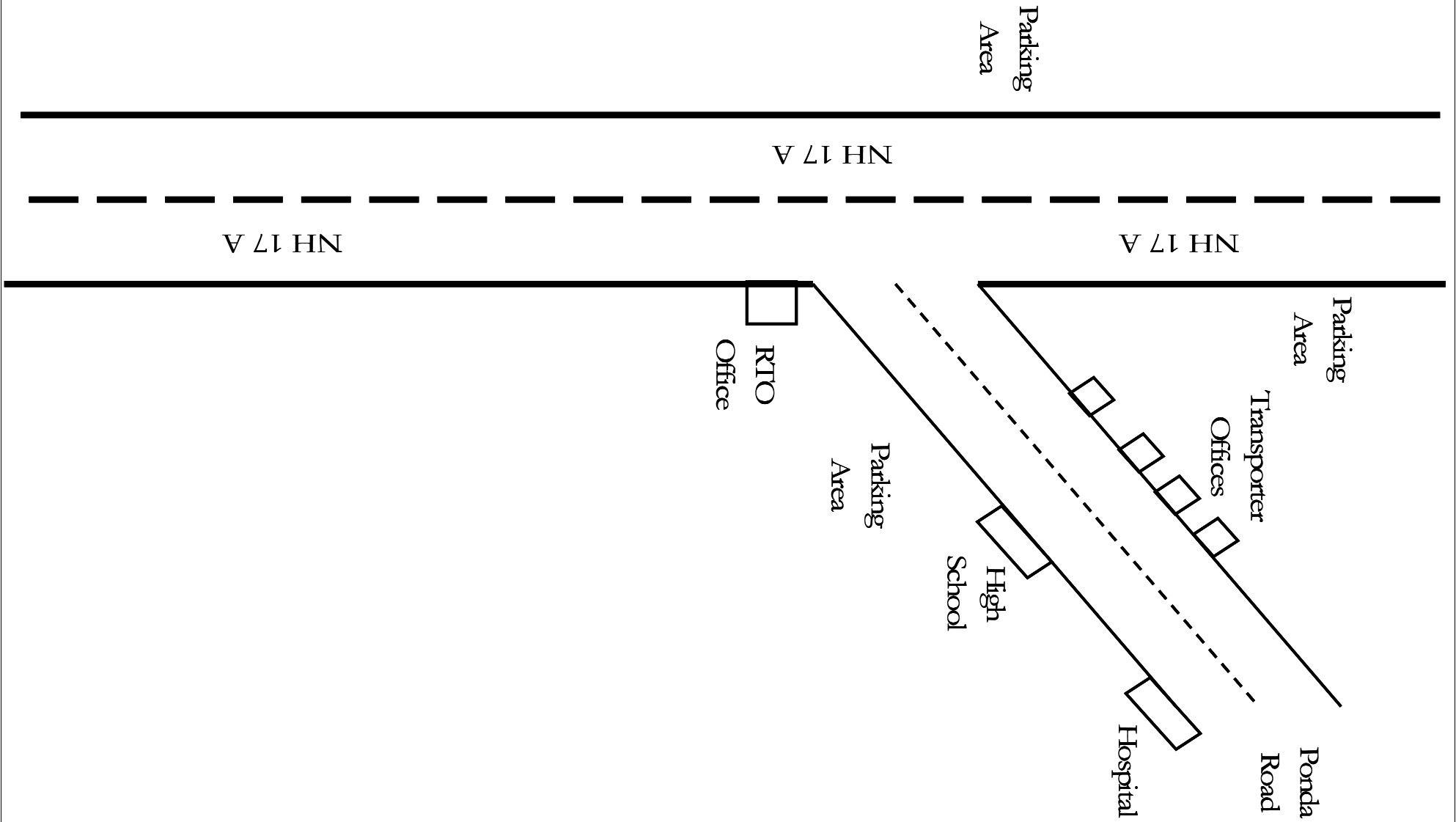
Trans-shipment Location Profile	
Name of TSL : City	Vasco - MPT gate No. 9
Nearest NH	17B
Approximate no. of Brokers	176
Peak Month	January, May & December
Association or Unions Present	No
Most frequented Route	Within Goa
% of drivers/cleaners staying for more than a day in this TSL	11.1%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	436
Trucks per months	13090
Truck:Trucker	2.4
LDT per month (25.8%)	3377

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 10.6% Non-Commercial - 93.6%
Usage of Condom while having sex in last three months	Always- 2% Sometimes- 96% Never- 2%
Participation in trucker welfare activities	42% Distribution of Condoms 38% Free Health Check up camps

Unique Trucks per Month	2524
Unique Truckers per month	6082
Unique Long Distance Trucks per Month	922
Unique Long Distance Truckers per Month	2221

Ponda Truck Terminus



Trans-shipment Location Profile	
Name of TSL : City	Ponda Truck Terminus
Nearest NH	17A
Approximate no. of Brokers	383
Peak Month	January, November & December
Association or Unions Present	No
Most frequented Route	Maharastra - Goa
% of drivers/cleaners staying for more than a day in this TSL	None
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	508
Trucks per months	15250
Truck:Trucker	2.2
LDT per month (50%)	7625

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 2.4% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 14% Sometimes- 71% Never- 14%
Participation in trucker welfare activities	26% Distribution of Condoms 48% Counseling Services regarding Health Services

Unique Trucks per Month	3976
Unique Truckers per month	8628
Unique Long Distance Trucks per Month	2767
Unique Long Distance Truckers per Month	6003

Power House Margaon

Margaon station Road

Apollo Victor Hospital

Railway Track

Karyar By Pass Road

Gandhi Market Road

Transport Area
& Offices

Sawa Diya

Lion Club Of
Rayan Fond

Transport Area
& Offices

NH 17 B

NH 17 B

NH 17 B

Trans-shipment Location Profile	
Name of TSL : City	Margao – Power House
Nearest NH	17B
Approximate no. of Brokers	216
Peak Month	February, April & May
Association or Unions Present	No
Most frequented Route	Maharastra - Goa
% of drivers/cleaners staying for more than a day in this TSL	2.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	1300
Trucks per months	38990
Truck:Trucker	2.2
LDT per month (34.8%)	13569

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 52.0% Non-Commercial - 96.0%
Usage of Condom while having sex in last three months	Always- 20% Sometimes- 56% Never- 24%
Participation in trucker welfare activities	50% Distribution of Condoms 56% Counseling Services regarding Health Services

Unique Trucks per Month	12700
Unique Truckers per month	28448
Unique Long Distance Trucks per Month	7593
Unique Long Distance Truckers per Month	17009

Goa TSLs at a glance...

- All the three TSLs selected from Goa i.e. Vasco, Ponda, Margao, lie on NH-17
- An estimated 38990 trucks enter in Margao TSL every month. The TSLs can be observed the busiest among the mapped sites in Goa in terms of traffic.
- Margao TSL has been categorized as medium priority TSL centers with 28448 unique truckers.
- It has been found that estimated 50% long distance trucks make an entry in the TSL of Ponda every month.
- The observation showed that each selected TSL has the availability of Condoms but the usage of condoms has been found not so high in all the TSLs.
- No Association and union have been found during the survey in any of the TSL of Goa.
- 90% of the truckers in Goa TSLs reported that they had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 3 TSLs of Goa, a small proportion (11%) of the truckers felt that they were at risk of getting HIV.

STATE 9: GUJARAT



Topography

Gujarat is a state in western India. Gujarat borders Pakistan to the North West and the state of Rajasthan to the north and northeast, Madhya Pradesh to the east, Maharashtra and the Union territories of Diu, Daman, Dadra and Nagar Haveli to the south.

Economy

The state has a flourishing economy. Gujarat controls some of the largest businesses in India. Major Agricultural produce of the state include cotton, groundnuts, peanuts, dates, sugar cane, milk & milk products. Industrial products include cement, and petrol. Surat is a hub of diamond trade. The state is first in nationwide gas based thermal electricity generation.

TSL Mapping Exercise

In Gujarat six sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Gujarat and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Porbandar**

Porbandar is a coastal city in the Indian state of Gujarat. It is the administrative center of Porbandar District. Located in the extreme west of India, Porbandar is an important all-weather port on the Arabian Sea. NH-8B passes through the city and an estimated 20200 trucks enter in its TSL every month.

- **Jamnagar refinery**

Jamnagar is a city and a municipal corporation in Jamnagar district in Gujarat. The district lies just to the south of the Gulf of Kutch. Jamnagar has shot to prominence as Reliance Industries, India's largest private company, established the world's largest refinery near Moti Khavdi village. NH-15 passes through the city and an estimated 10600 trucks enter in its TSL every month.

- **Gandhidham Transport Nagar**

Gandhidham is a city and a municipality in the Kachchh district of Gujarat state of India. The town was created in early 1950s for the resettlement of the refugees from Sindh of Pakistan in aftermath of the partition of India. India's second largest port, Kandla is less than 15 km away. NH-8A passes through the city and an estimated 7505 trucks enter in its TSL every month.

- **Surat Transport Nagar**

Surat is a port city in the Indian state of Gujarat. The city is situated on the left bank of the Tapi River, 14 miles from its mouth. A moat divides the older parts of the city, with its narrow streets and handsome houses, and the newer suburbs. The city is largely recognized for its textile and diamond businesses. It has one of the highest GDP growth rates in India at 16.5% as of 2008. NH-8 passes through the city and an estimated 7244 trucks enter in its TSL every month.

- **Rajkot**

Rajkot is the 4th largest city in the state of Gujarat, India, located on the banks of the Aji River and Niari River. The city contributes to the economy of the state with heavy and small scale industries under the patronage of Gujarat Industrial Development Corporation (GIDC) and Gujarat State Financial Corporation (GSFC). NH-8B passes through the city and an estimated 6372 trucks enter in its TSL every month.

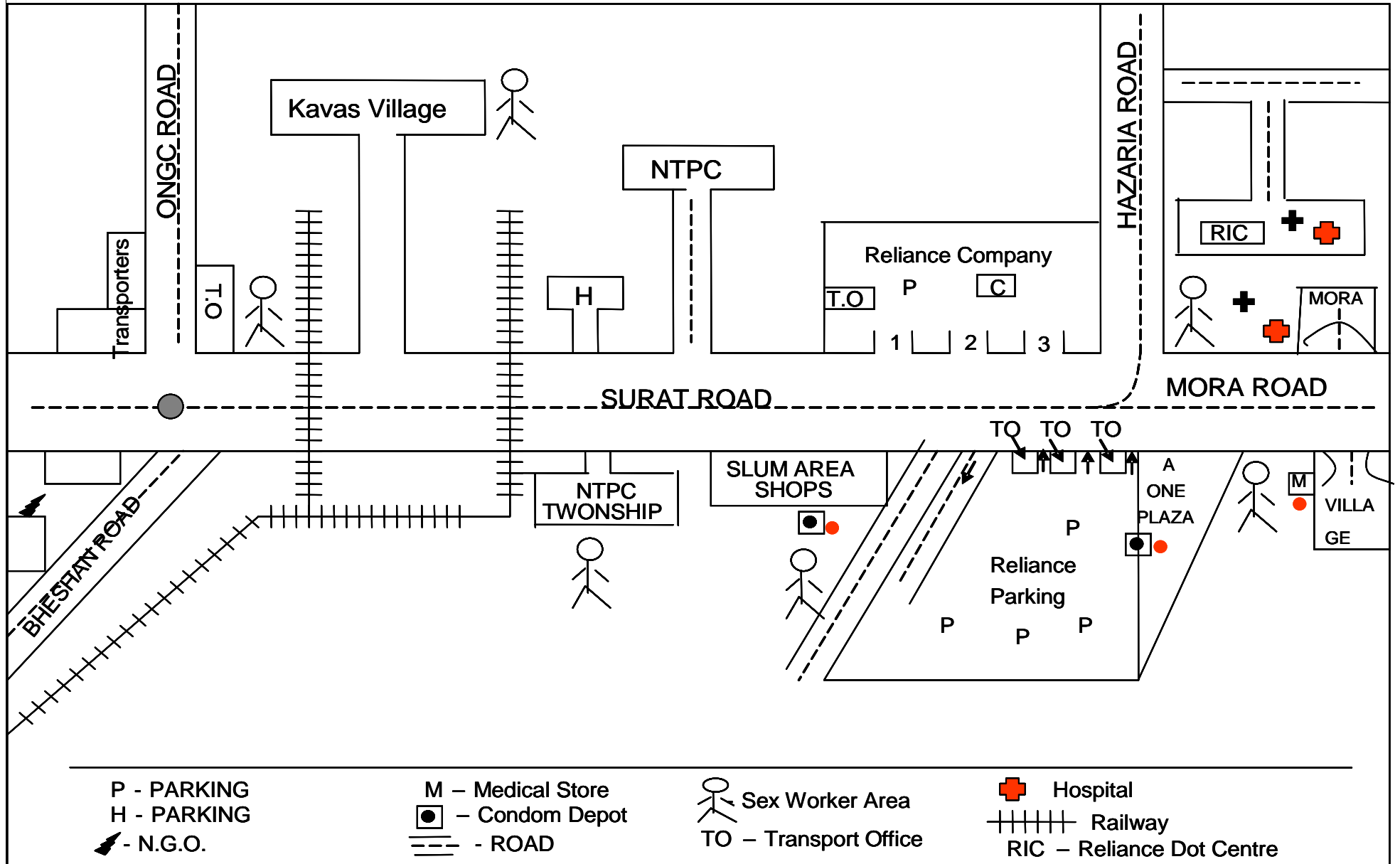
- **Vadodara**

Vadodara is the third most-populated city in the Indian state of Gujarat after Ahmedabad and Surat. Vadodara or Baroda is situated on the banks of the Vishwamitri. It is located southeast of Ahmedabad. Major industries include petrochemicals, engineering, pharmaceuticals, plastics and Forex. NH-8 passes through the city and an estimated 2671 trucks enter in its TSL every month.

Snapshot of Gujarat TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Porbandar	20200	57772	14000	40040
Jamnagar refinery	10600	22260	9496	19942
Gandhidham Transport Nagar	7505	21090	5458	15336
Surat Transport Nagar	7244	18762	5737	14858
Rajkot	6372	12872	3811	7698
Vadodra	2671	5369	1649	3315

Reliance Parking



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Surat Transport Nagar – Reliance Parking
Nearest NH	008
Approximate no. of Brokers	200
Peak Month	January, February & March
Association or Unions Present	Yes
Most frequented Route	Maharastra - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	11%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	1139
Trucks per months	34180
Truck:Trucker	2.6
LDT per month (61.5%)	21021

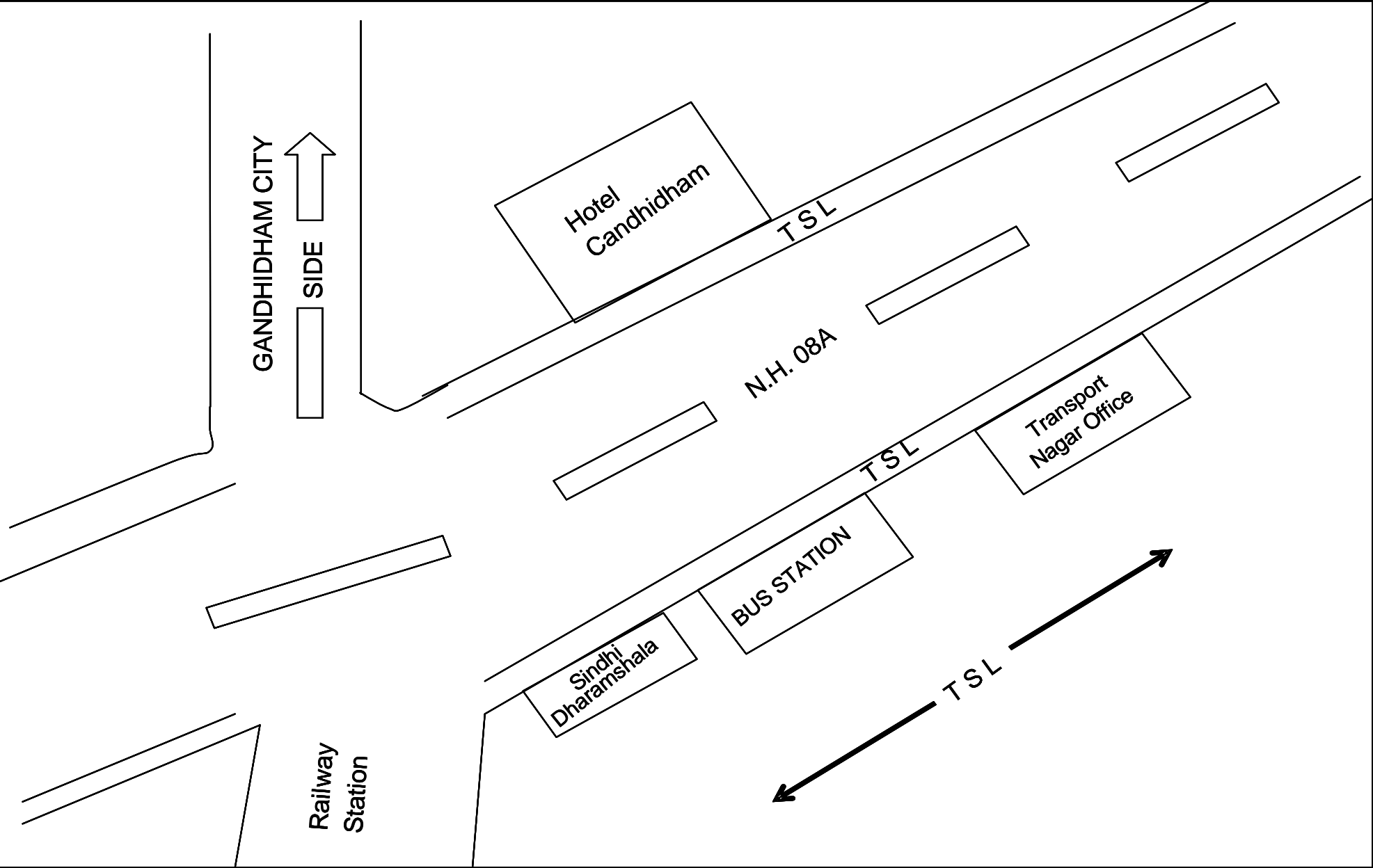
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 68% Enroute - None
% of truckers who had sexual intercourse in last 3 months	30%
Type of partners you have had sex in last three months	Commercial - 53.3% Non-Commercial - 86.7%
Usage of Condom while having sex in last three months	Always- 40% Sometimes- 47% Never- 13%
Participation in trucker welfare activities	31% Distribution of Condoms 20% Counseling Services regarding Health Services 19% Street Plays

Unique Trucks per Month	7244
Unique Truckers per month	18762
Unique Long Distance Trucks per Month	5737
Unique Long Distance Truckers per Month	14858

Snapshot of Association present in the TSL

- ❖ **Lok Vikash Sanstha is functional** in Surat Transport Nagar. This association was incepted in 1998.
- ❖ Mr. Paresh Bhai, Trustee of the association was interviewed.
- ❖ This association is working on Health, Welfare of Women and youth, Rural Development, water and sanitation and also engages in welfare activities for truckers.
- ❖ The association conducts health camps and awareness camps on HIV issues.
- ❖ According to Mr. Paresh Bhai, *“truck drivers stay outside and due to long distance travel and stress they get physically involve with whatever is available at that time without taking any precautions so it's a high time to make them realize about the consequences of unprotected sex and update them on HIV/AIDS issues”*

Gandhidham Transport Nagar



Clinic/Hospital +

Condom Outlet ●

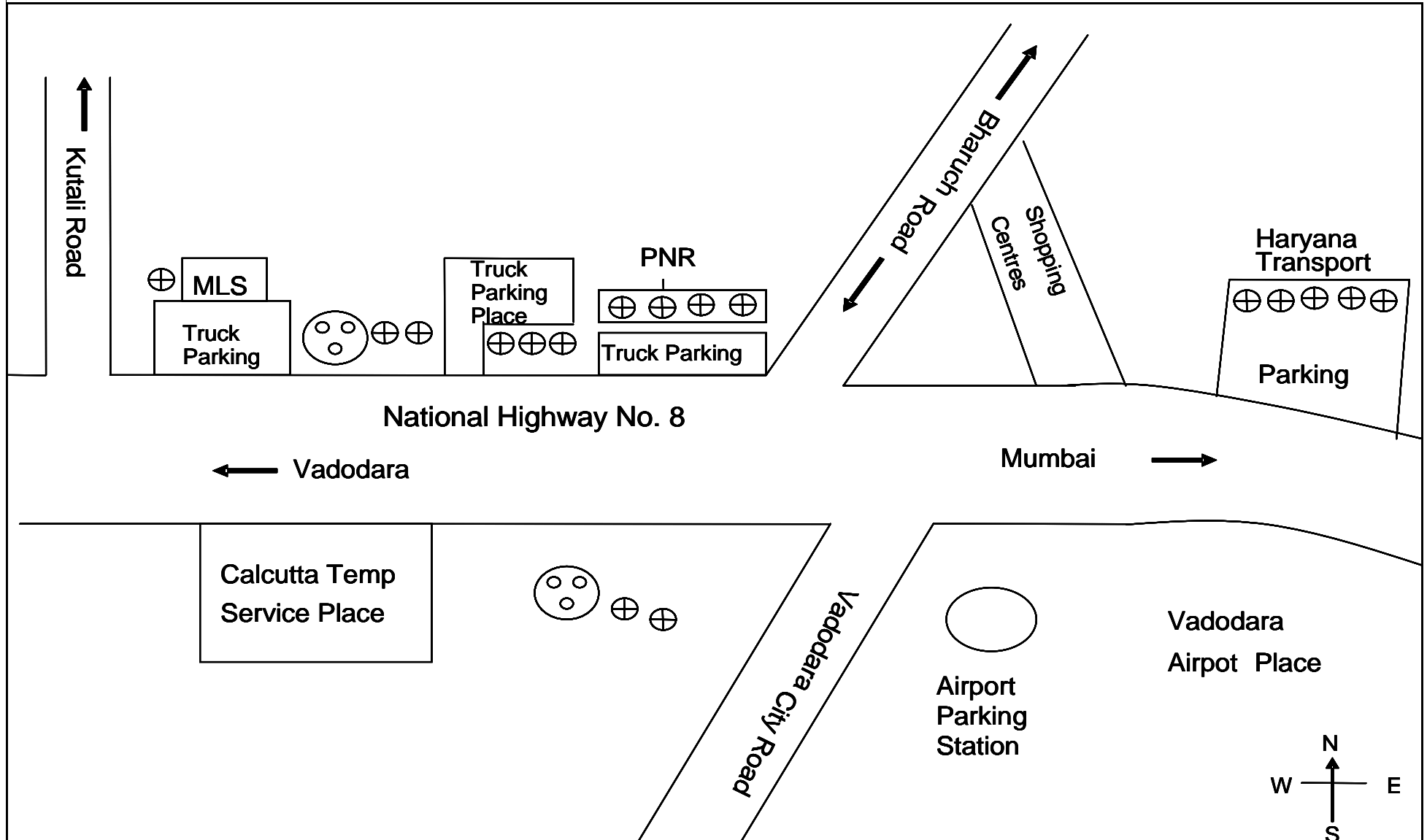
Trans-shipment Location Profile	
Name of TSL : City	Gandhidham Transport Nagar
Nearest NH	08A
Approximate no. of Brokers	917
Peak Month	January, February & March
Association or Unions Present	No
Most frequented Route	Several trucks from various locations (Proximity to Kandla Port)
% of drivers/cleaners staying for more than a day in this TSL	30.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	1012
Trucks per months	30360
Truck:Trucker	2.8
LDT per month (60.5%)	18368

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 42% Enroute - 12%
% of truckers who had sexual intercourse in last 3 months	80%
Type of partners you have had sex in last three months	Commercial - 50.0% Non-Commercial - 87.5%
Usage of Condom while having sex in last three months	Always- 28% Sometimes- 65% Never- 8%
Participation in trucker welfare activities	18% Trucker Utsav 18% Street Plays

Unique Trucks per Month	7505
Unique Truckers per month	21090
Unique Long Distance Trucks per Month	5458
Unique Long Distance Truckers per Month	15336

Golden Chowkdi



⊕ Transport offices

⊙ Hotels

Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Vadodra – Golden Chowkdi
Nearest NH	008
Approximate no. of Brokers	150
Peak Month	March, April & May
Association or Unions Present	No
Most frequented Route	Rajasthan - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	23%
Availability of Health Facility in/around TSL	No

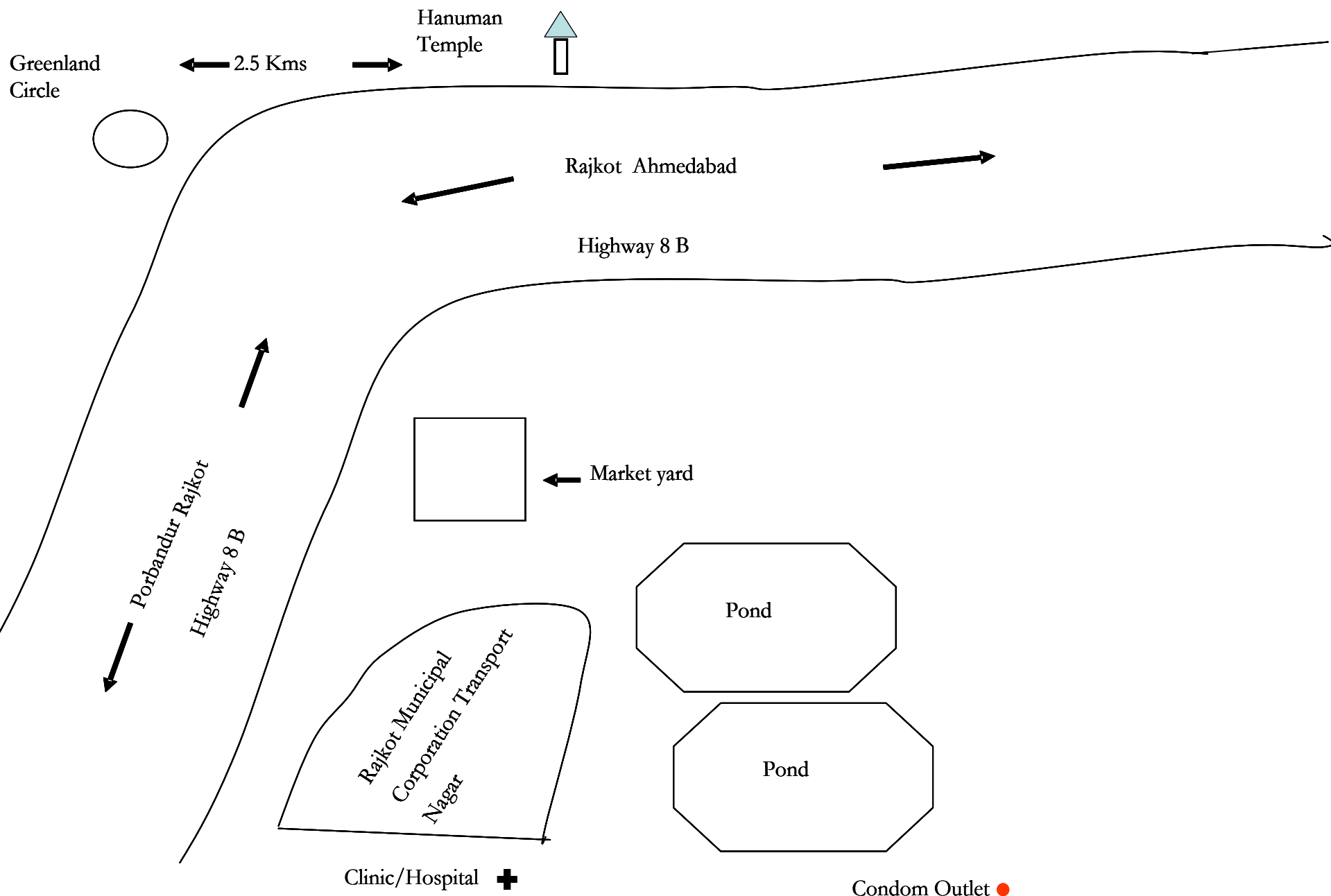
Mantab of trucks per day	352
Trucks per months	10550
Truck:Trucker	2.0
LDT per month (59.5%)	6277

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 38% Enroute - 18%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 31.9% Non-Commercial - 85.1%
Usage of Condom while having sex in last three months	Always- 26% Sometimes- 28% Never- 47%
Participation in trucker welfare activities	5% Trucker Utsav 6% Street Plays

Unique Trucks per Month	2671
Unique Truckers per month	5369
Unique Long Distance Trucks per Month	1649
Unique Long Distance Truckers per Month	3315

CSW

Rajkot Municipal Corporation Rattan Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Rajkot – Rattan Transport Nagar
Nearest NH	08B
Approximate no. of Brokers	225
Peak Month	January, February & December
Association or Unions Present	No
Most frequented Route	Within Gujarat
% of drivers/cleaners staying for more than a day in this TSL	16%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	1093
Trucks per months	32800
Truck:Trucker	2.0
LDT per month (42.5%)	13940

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 60% Enroute - 38%
% of truckers who had sexual intercourse in last 3 months	92%
Type of partners you have had sex in last three months	Commercial - 47.8% Non-Commercial - 93.5%
Usage of Condom while having sex in last three months	Always- 30% Sometimes- 63% Never- 7%
Participation in trucker welfare activities	12% Distribution of Condoms 16% Street Plays

Unique Trucks per Month	6372
Unique Truckers per month	12872
Unique Long Distance Trucks per Month	3811
Unique Long Distance Truckers per Month	7698

Porbandar Truck Transport Association

Cement
Factory

Entry

T S L

EXIT

Village

BUS Stand
Ranavav

Village

Clinic/Hospital +

Condom Outlet ●

High Way

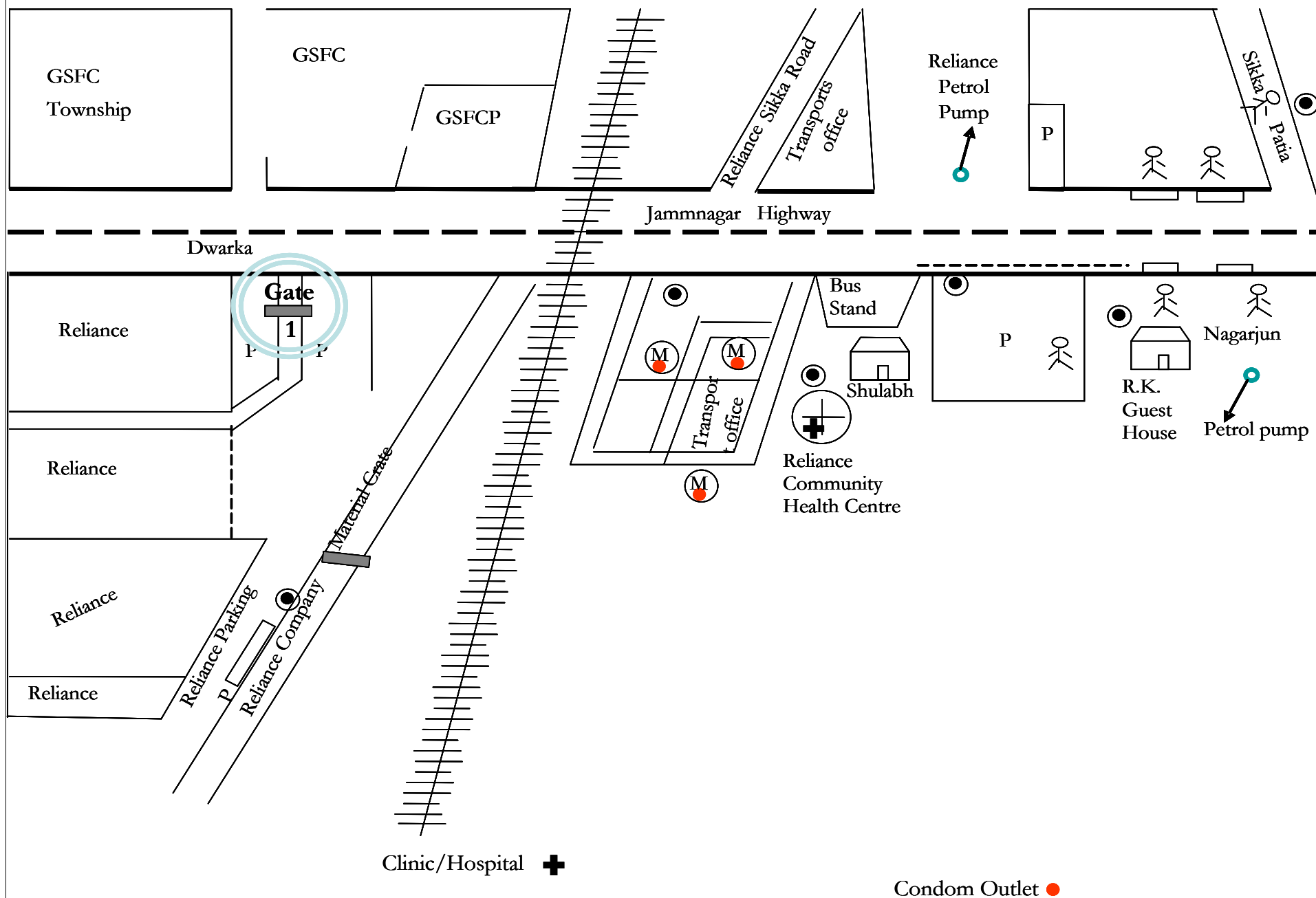
Trans-shipment Location Profile	
Name of TSL : City	Porbandar Truck transport Association
Nearest NH	08B
Approximate no. of Brokers	55
Peak Month	January, February & August
Association or Unions Present	No
Most frequented Route	Within Gujarat
% of drivers/cleaners staying for more than a day in this TSL	10.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	2741
Trucks per months	82220
Truck:Trucker	2.9
LDT per month (59%)	48510

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 2%
% of truckers who had sexual intercourse in last 3 months	86%
Type of partners you have had sex in last three months	Commercial - 30.2% Non-Commercial - 97.7%
Usage of Condom while having sex in last three months	Always- 26% Sometimes- 70% Never- 5%
Participation in trucker welfare activities	6% Trucker Utsav 7% Distribution of Condoms

Unique Trucks per Month	20200
Unique Truckers per month	57772
Unique Long Distance Trucks per Month	14000
Unique Long Distance Truckers per Month	40040

Moti Khavdi Jamnagar



Trans-shipment Location Profile	
Name of TSL : City	Jamnagar refinery – Moti Khavdi
Nearest NH	015
Approximate no. of Brokers	267
Peak Month	January, April & December
Association or Unions Present	Yes
Most frequented Route	Gujarat - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	57%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, NGOs, Reliance community health center)
Mantab of trucks per day	1378
Trucks per months	41350
Truck:Trucker	2.1
LDT per month (81%)	33494

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 68% Enroute - 12%
% of truckers who had sexual intercourse in last 3 months	64%
Type of partners you have had sex in last three months	Commercial - 65.6% Non-Commercial - 84.4%
Usage of Condom while having sex in last three months	Always- 34% Sometimes- 50% Never- 16%
Participation in trucker welfare activities	31% NGOs Providing Medical Services 31% Distribution of Condoms 19% Street Plays

Unique Trucks per Month	10600
Unique Truckers per month	22260
Unique Long Distance Trucks per Month	9496
Unique Long Distance Truckers per Month	19942

Snapshot of Association present in the TSL

- ❖ **Shre Survaday Mahila Udyog Mandal is functional in Jamnagar Transport Nagar.** This association was incepted in 1957.
- ❖ Mr. Yaspal Singh Jadeja, Project Officer of the association was interviewed.
- ❖ This association works for the welfare of truckers on the issues of health and HIV/AIDS..
- ❖ The association conducts health camps, awareness programmes on HIV/AIDS and also distributes condoms among truck drivers.
- ❖ According to Mr. Yaspal Singh Jadeja, "there are so many reasons of the vulnerability of *truck drivers to HIV/AIDS, their economic conditions, long journey, stress and pressure, no other resources for entertainment so they do not bother about taking precaution while having sex so we have to provide information that their ignorance can lead them to death bed.*"
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Gujarat TSLs at a glance...

- Among the selected TSLs Porbandar, Surat Transport Nagar, Rajkot, Silvassa/Vapi, Vadodra, lie on NH-08 (Delhi-Mumbai Highway – North-West route category). This implies that the aforementioned TSLs lie on the Golden Quadrilateral. Gandhidham Transport Nagar lies on NH-15.
- In the time frame of 24 hours, an estimated 2741 trucks enter in Porbandar TSL. This implies that an estimated 82220 trucks enter in Porbandar TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Gujarat.
- An estimated 81% long distance trucks enter in the TSL of Jamnagar refinery every month.
- Porbandar TSL has been categorized high priority TSL center with 57772 unique truckers.
- Only Vadodra TSL has non availability of condoms and the highest number of non users of condoms (47%).
- It has been discovered from the collected data that the union located in Jamnagar refinery TSL works on the health and HIV/AIDS for the truckers.
- All the truckers (100%) interviewed in TSLs of Gujarat had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. A very small proportion of the truckers i.e. 3% of the truckers felt that they were at risk of getting HIV.

STATE 10: HARYANA



Topography

Haryana is a state in northern India. It is bordered by Punjab and Himachal Pradesh to the north and by Rajasthan to the west and south. Eastern border to Uttarakhand & Uttar Pradesh is defined by river Yamuna. Haryana also surrounds Delhi on three sides, forming the northern, western and southern borders of Delhi. Consequently, a large area of Haryana is included in the National Capital Region. The capital of the state is Chandigarh which is administered as a union territory and is also the capital of Punjab.

Economy

Haryana's economy relies on manufacturing, retailing and information outsourcing. Haryana also topped the list in terms of per capita investment in the fiscal year 2007 with an investment of Rs 1,86,045 crore. Haryana is also considered one of the most industrialised states in India with many SEZs. The state has a developed banking system with over 4500 bank branches. The two financial hubs of Haryana, Gurgaon and Faridabad lie on the south west of the state.

TSL Mapping Exercise

In Haryana three sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Haryana and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)**

Gurgaon, 32 km away from Delhi, is the Cyber City of Haryana. Rapid urbanization and industrialization have facilitated Gurgaon to be a world-class corporate hub for IT and IT related services. The place is also one of the prime manufacturers of cars, hardware, sports goods, rubber products, motors-cycles, taxi, automobile parts, telecommunication equipments, light engineering goods, pharmaceuticals etc. NH-8 passes through Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.) and an estimated 3403 trucks enter in its TSL in a month.

- **Ballabhgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT.**

NH-8 passes through Ballabhgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT and an estimated 3149 trucks enter in its TSL every month.

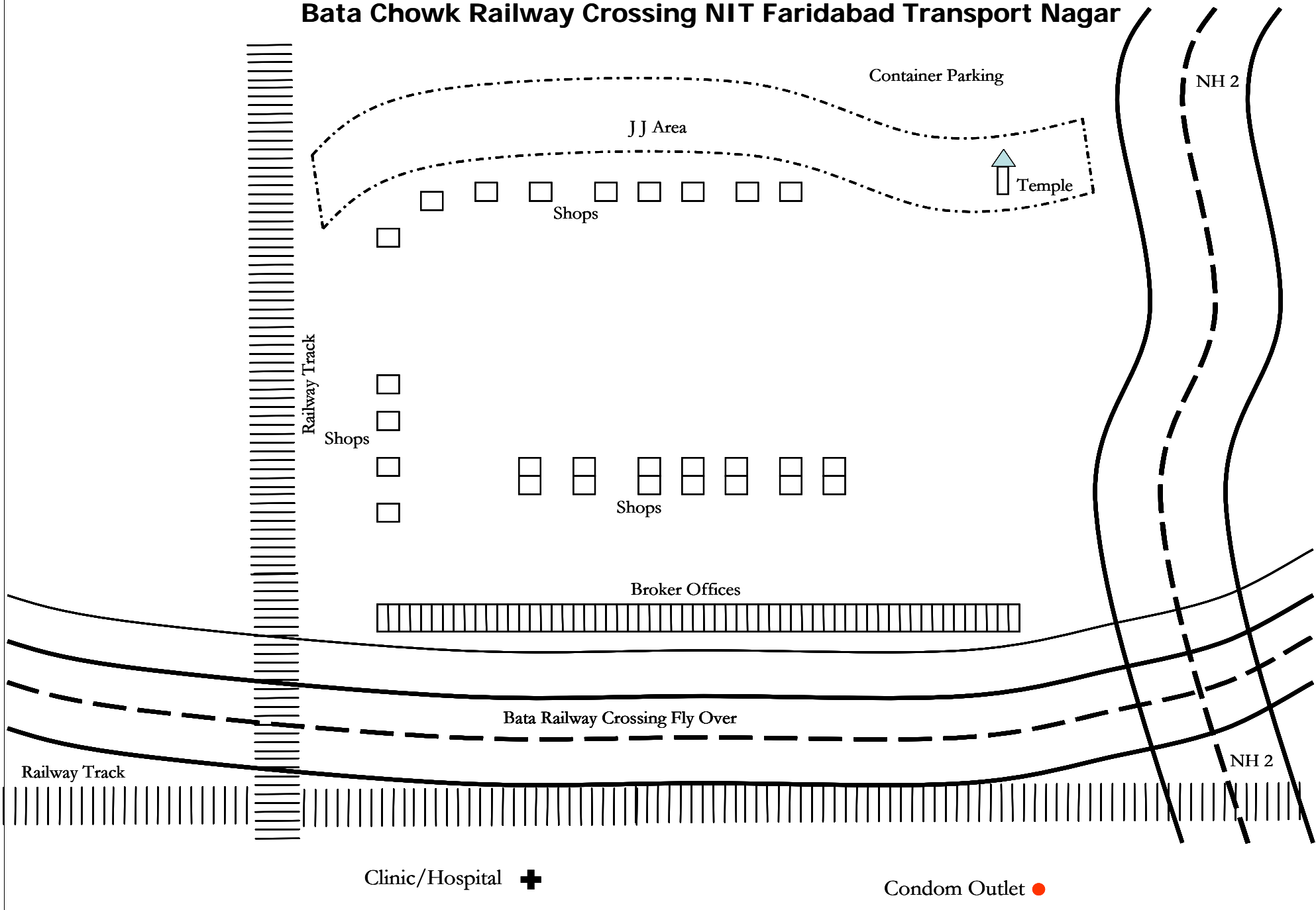
- **Panipat Transport Nagar Huda Sec.25**

Panipat is one of the prominent districts of Haryana. Panipat is an industrial district and has a significant place in the International market for its hand-loom products. The sub division Samalkha is known for the foundry work of agricultural machineries. It is 90 km from Delhi on NH-1 and comes under the National Capital Territory of Delhi. There are estimated 2905 trucks enter in its TSL every month.

Snapshot of Haryana TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)	3403	9631	2383	6745
Ballabgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT	3149	6802	3015	6512
Panipat Transport Nagar Huda Sec.25	2905	6595	2331	5291

Bata Chowk Railway Crossing NIT Faridabad Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Ballabhgarh/ Faridabad Transport Nagar Sector 37 (Bata Chowk Railway Crossing NIT)
Nearest NH	002
Approximate no. of Brokers	67
Peak Month	January, February & November
Association or Unions Present	No
Most frequented Route	Haryana - Bihar
% of drivers/cleaners staying for more than a day in this TSL	55.5%
Availability of Health Facility in/around TSL	No

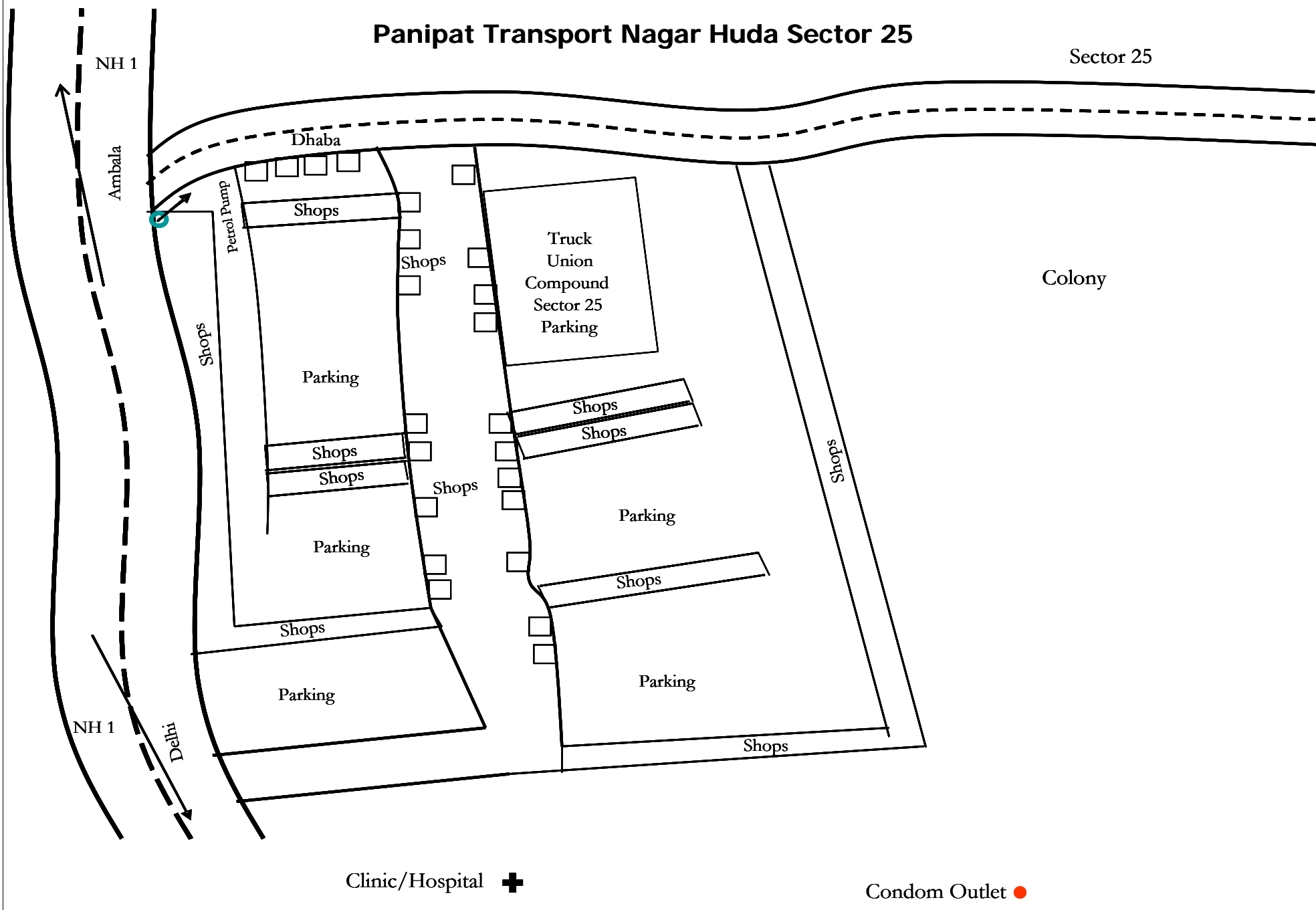
Mantab of trucks per day	267
Trucks per months	8010
Truck:Trucker	2.2
LDT per month (88.5%)	7089

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 22% Enroute - 34%
% of truckers who had sexual intercourse in last 3 months	66%
Type of partners you have had sex in last three months	Commercial - 27.3% Non-Commercial - 75.8%
Usage of Condom while having sex in last three months	Always- 12% Sometimes- 55% Never- 33%
Participation in trucker welfare activities	2% Counseling Services regarding Health Services 2% Group Discussion

Unique Trucks per Month	3149
Unique Truckers per month	6802
Unique Long Distance Trucks per Month	3015
Unique Long Distance Truckers per Month	6512

Panipat Transport Nagar Huda Sector 25

Sector 25



Trans-shipment Location Profile	
Name of TSL : City	Panipat Transport Nagar Huda Sec.25
Nearest NH	NH-1
Approximate no. of Brokers	200
Peak Month	March, April & May
Association or Unions Present	Yes
Most frequented Route	Haryana - Delhi
% of drivers/cleaners staying for more than a day in this TSL	44.9%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	392
Trucks per months	11,770
Truck:Trucker	2.3
LDT per month (59%)	6,944

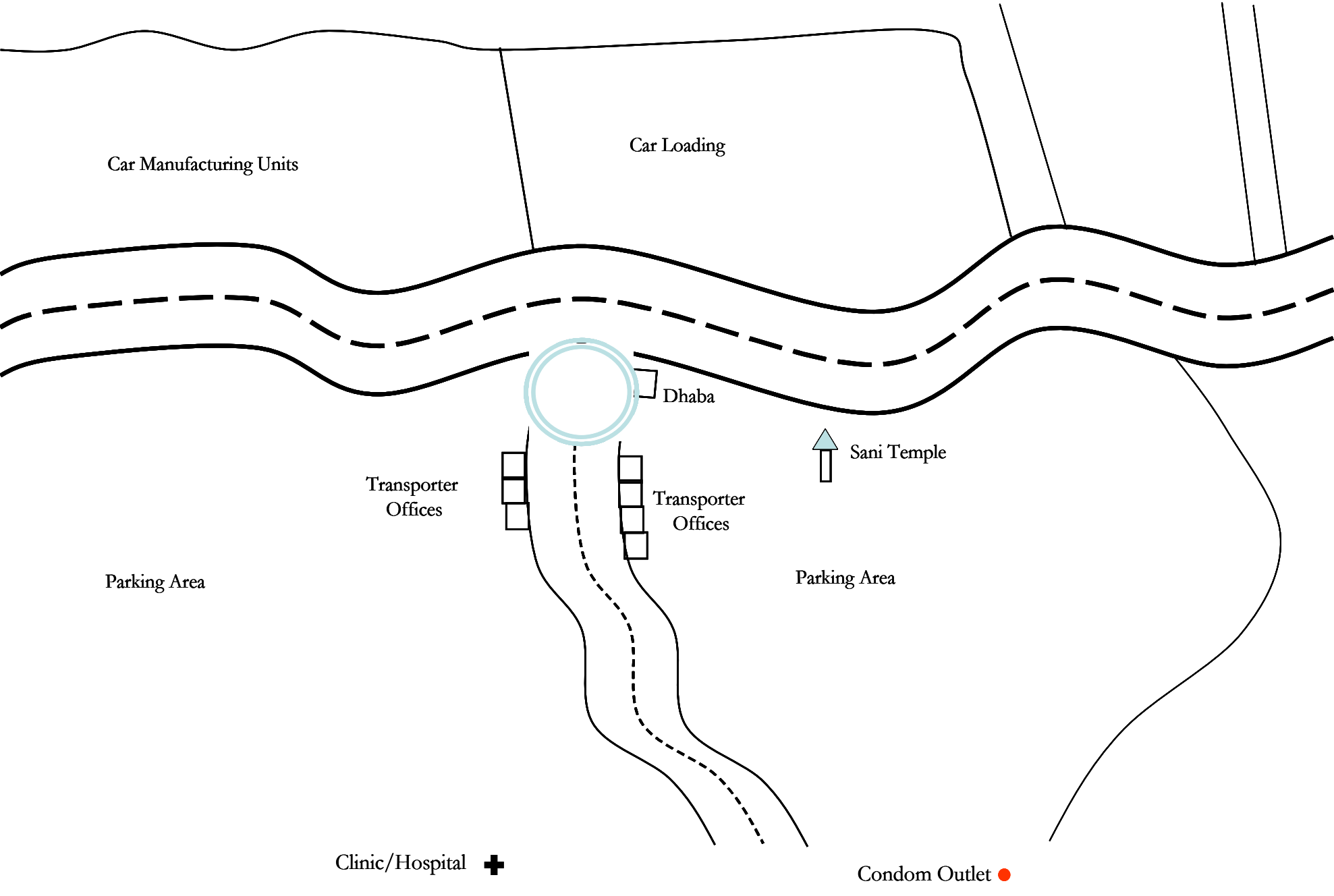
Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 24% Enroute - 42%
% of truckers who had sexual intercourse in last 3 months	80%
Type of partners you have had sex in last three months	Commercial - 35.0% Non-Commercial - 95.0%
Usage of Condom while having sex in last three months	Always- 23% Sometimes- 45% Never- 33%
Participation in trucker welfare activities	7% Health Camps 1% Film Shows

Unique Trucks per Month	2,905
Unique Truckers per month	6,595
Unique Long Distance Trucks per Month	2,331
Unique Long Distance Truckers per Month	5,291

Snapshot of Association present in the TSL

- ❖ **The Public Carrier Union** is operational in Guwahati Beltola truck centre. This association was incepted in 1967.
- ❖ Mr Surat Singh, Union Manager was contacted.
- ❖ Their primary work is to take contract from large companies and give it to truck owners in TSL. Also they assist small truck owners in making trucks available for them.
- ❖ They do organize AIDS camps every six months in which they give information about AIDS and also distribute free condoms.
- ❖ Mr Singh says, *"it is true that truck driver are more prone to be infected by HIV/AIDS because they have to stay away from their family for a long time. In the mean time it is possible that their mind is distracted."*

Maruti Parking Chetak Logistick LTD.



Trans-shipment Location Profile	
Name of TSL : City	Gurgaon/ Manesar/ Dharuhera/ Dundahera (Chetak Logistick LTD.)
Nearest NH	008
Approximate no. of Brokers	73
Peak Month	February, March & April
Association or Unions Present	No
Most frequented Route	Haryana - Delhi
% of drivers/cleaners staying for more than a day in this TSL	69.4%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	707
Trucks per months	21,210
Truck:Trucker	2.8
LDT per month (68.5%)	14,529

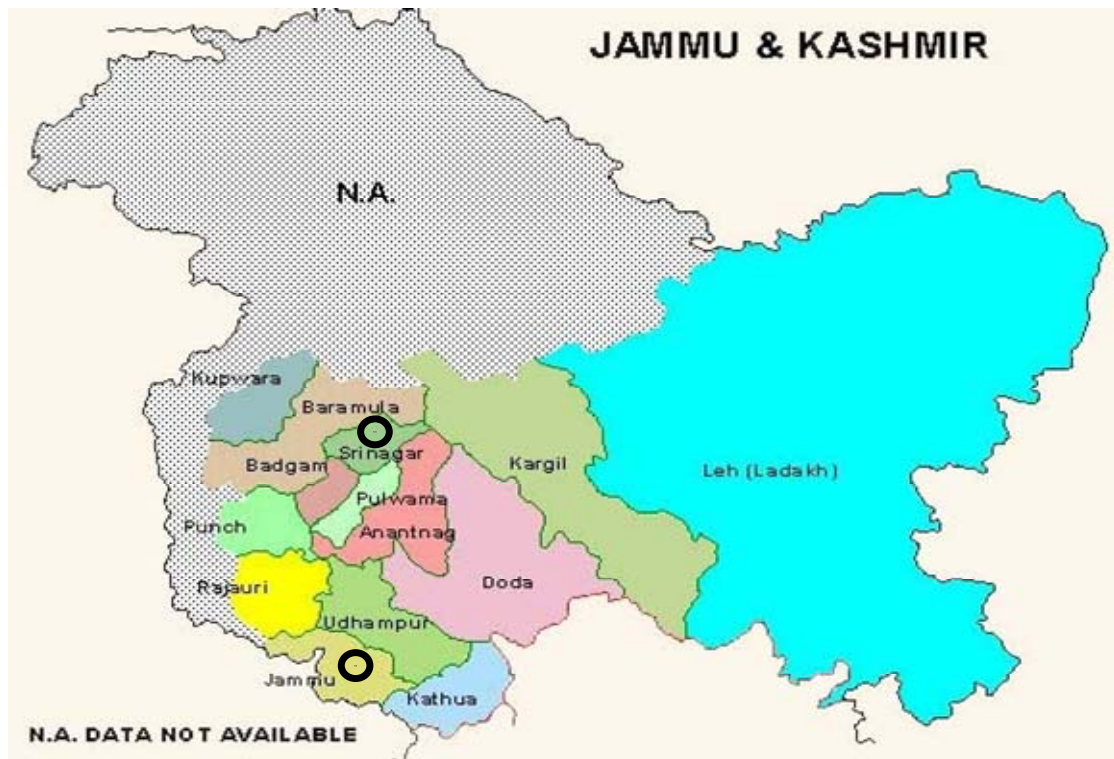
Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 48% Enroute - None
% of truckers who had sexual intercourse in last 3 months	76%
Type of partners you have had sex in last three months	Commercial - 44.7% Non-Commercial - 68.4%
Usage of Condom while having sex in last three months	Always- 16% Sometimes- 18% Never- 66%
Participation in trucker welfare activities	3% Health Camps 4% Street Plays

Unique Trucks per Month	3,403
Unique Truckers per month	9,631
Unique Long Distance Trucks per Month	2,383
Unique Long Distance Truckers per Month	6,745

Haryana TSLs at a glance...

- Three TSLs have been selected in Haryana out of which two TSLs, Ballabhgarh/Faridabad and Gurgaon/Manesar/Dharuhera/Dundahera lie on NH-08 (Delhi-Mumbai Highway – North-West route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral.
- An estimated 21,210 trucks enter in Gurgaon/Manesar/Dharuhera/Dundahera TSL every month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Haryana.
- It has been found that estimated 88.5% long distance trucks make an entry in the TSL of Ballabhgarh/Faridabad every month.
- It was observed that the highest percentage of non users of condoms (66%) is in Gurgaon/Manesar/Dharuhera/Dundahera TSL where there condoms are not ease of use.
- Though in other TSLs i.e. Panipat and Ballabhgarh/Faridabad the percentage of non users of condoms is 33% regardless of the availability of condoms.
- The presence of a union has been observed only in Panipat TSL which works on the AIDS awareness camps.
- A vast majority of the truckers (87%) interviewed in Haryana TSLs had the knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. Nearly 100% truckers n Harayana felt that they were at risk of getting HIV.

STATE 11: JAMMU & KASHMIR



Topography

Jammu and Kashmir is the northernmost state of India. Jammu and Kashmir shares a border with the People's Republic of China to the north-east, the states of Himachal Pradesh and Punjab to the south and Pakistani-administered territories of Kashmir, namely Azad Kashmir and the Northern Areas to the west and north-west respectively.

Economy

Jammu and Kashmir's economy is mostly dependent on farming, animal husbandry and tourism. Wood from Kashmir is used to make high-quality cricket bats, popularly known as Kashmir Willow. Kashmiri saffron is also very famous and brings the state a handsome amount of foreign exchange.

TSL Mapping Exercise

In Jammu and Kashmir two sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Jammu and Kashmir and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Jammu Transport Nagar (Narwal, Near mandi)**

Jammu is one of the three regions comprised by India's northernmost state of Jammu and Kashmir. Jammu borders Kashmir, the disputed part of the state, to the north, Ladakh to the east, and Himachal Pradesh to the south. 47% of the population depends upon agriculture while others take up industrial practices for their subsistence. NH-1A passes through Jammu Transport Nagar (Narwal, Near mandi) and an estimated 4866 trucks enter in its TSL every month.

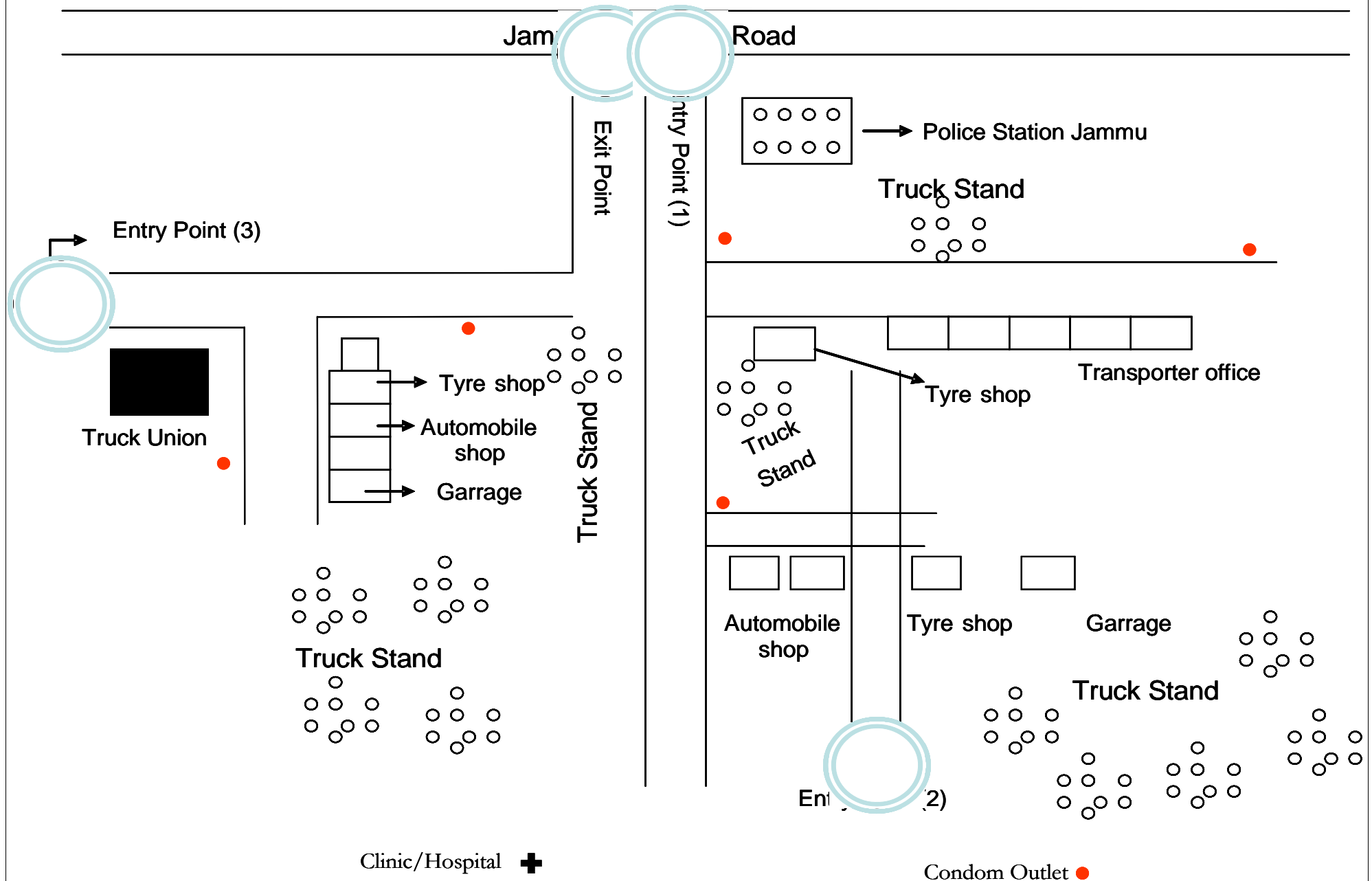
- **Srinagar Mandi Area**

Srinagar, the capital city of Jammu & Kashmir is situated in the center of Kashmir Valley. Kargil flanks it in the north, Pulwama, in the south and Budgam in the northwest. The inhabitants of Srinagar, the commercial hub of Jammu & Kashmir are involved in agriculture, horticulture, sericulture, pisciculture as well as other industrial ventures. NH-1A passes through Srinagar Mandi Area and an estimated 3304 trucks enter in its TSL every month.

Snapshot of Jammu & Kashmir TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Jammu Transport Nagar (Narwal, Near mandi)	4866	12700	4742	12376
Srinagar Mandi Area	3304	9946	2453	7383

Jammu Narwal Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Jammu Transport Nagar (Narwal, Near mandi)
Nearest NH	1A
Approximate no. of Brokers	45
Peak Month	September, October & November
Union Present	Yes
Most frequented Route	J&K - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	27.4%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	410
Trucks per months	12,290
Truck to Trucker Ratio	2.6
LDT per month (94.7%)	11,639

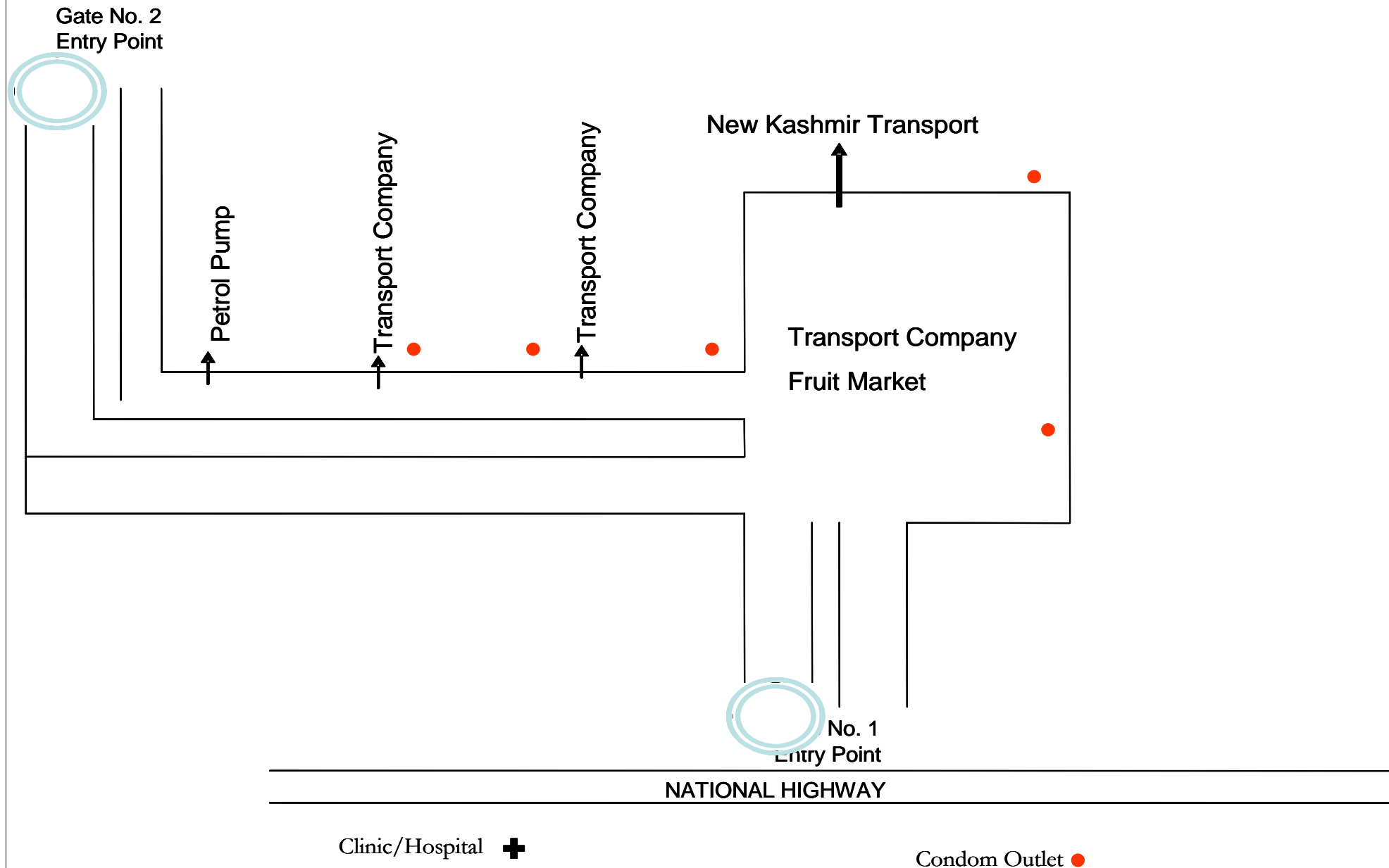
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 4% Enroute - 83%
% of truckers who had sexual intercourse in last 3 months	91%
Type of partners you have had sex in last three months	Commercial - 65.3% Non-Commercial - 91.8%
Usage of Condom while having sex in last three months	Always- 8% Sometimes- 53% Never- 39%
Participation in trucker welfare activities	19% NGOs Providing Medical Services 32% Health Camps 24% Trucker Utsav

Unique Trucks per Month	4,866
Unique Truckers per month	12,700
Unique Long Distance Trucks per Month	4,742
Unique Long Distance Truckers per Month	12,376

Snapshot of Union present in the TSL

- ❖ **Chowdhary Nagar Singh Union is functional in Jammu Transport Nagar.** This association was incepted in 2006
- ❖ Mr Paramjeet Singh, Manager was contacted.
- ❖ The union had set up free check up camps and also distributed condoms. They also gave information about HIV/AIDS. .
- ❖ Mr Singh says, "Because truck drivers' travel everywhere they make physical relation everywhere. There is more risk to spread AIDS. There is lack of knowledge in truck drivers."
- ❖ Interestingly Mr Singh also mentions that people look down upon truck drivers and often their behaviour with them is not good.
- ❖ In future as well union wishes to set up more medical camps and educate people about HIV/AIDS issues.

Prampura Srinagar



Trans-shipment Location Profile	
Name of TSL : City	Prampura Srinagar Mandi Area
Nearest NH	NH001
Approximate no. of Brokers	100
Peak Month	July & August
NGOs, Association or Unions Present	No
Most frequented Route	J&K – Punjab - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	12%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	175
Trucks per months	5240
Truck: Trucker	3.0
LDT per month (59.5%)	3118

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute – None
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 67.3% Non-Commercial - 100%
Usage of Condom while having sex in last three months	Always - 27% Sometimes - 58% Never – 15%
Participation in trucker welfare activities	36% NGOs Providing Medical Services 18% Health Camps

Unique Trucks per Month	3304
Unique Truckers per month	9946
Unique Long Distance Trucks per Month	2453
Unique Long Distance Truckers per Month	7383

Jammu and Kashmir TSLs at a glance...

- Two TSL have been selected in Jammu and Kashmir i.e. Jammu TSL (Narwal, Near Mandi) and Prampura Srinagar Mandi Area TSL both TSLs lie on NH-01A.
- NH-1A also passes through Jalandhar which is one of the selected TSLs' from Punjab for the mapping study.
- An estimated 12,290 trucks enter in Jammu TSL every month.
- Jammu TSL (Narwal, Near Mandi) has been categorized medium priority TSL center with 12700 unique truckers.
- It has been observed that estimated 94.7% long distance trucks make an entry in the Jammu Transport Nagar every month.
- It has been observed in Prampura Srinagar Mandi Area TSL, that the availability of condoms increases the use of condoms as only 15% are reported non users of condoms in this particular TSL.
- Jammu TSL (Narwal, Near Mandi) has the presence of union which works with truckers on the issues related to HIV/AIDS, as provide information on AIDS, organized free health check-up camps with the distribution of condoms. In spite of that there are 39% truckers who has never use condom.
- All the truckers (100%) interviewed in J&K TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. 100% of the truckers in 2 TSLs of J&K felt that they were at risk of getting HIV.

STATE 12: JHARKHAND



Topography

Jharkhand pronunciation is a state in eastern India. Jharkhand shares its border with the states of Bihar to the north, Uttar Pradesh and Chhattisgarh to the west, Orissa to the south, and West Bengal to the east. The industrial city of Ranchi is its capital. Jharkhand is now advancing economically much faster than its northern neighbor, unlike some other Indian states, Jharkhand's reduction in poverty was faster in the rural areas than in the urban ones.

Economy

Jharkhand's gross state domestic product for 2004 is estimated at \$14 billion at current prices. It has several firsts in India, including, largest fertilizer factory, First Iron & steel factory, Largest Steel plant in Asia etc. Jharkhand also has immense mineral resources. Large deposits of coal and iron ore support concentration of industry, in centers like Jamshedpur, Bokaro and Ranchi. Tata Steel, a S&P CNX 500 conglomerate has its corporate office in Jharkhand. It reported a gross income of Rs.204,910 million for 2005.

TSL Mapping Exercise

In Jharkhand three sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Jharkhand and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Hazaribagh**

The term Hazribagh's etymological significance is 'A City of Thousand Gardens'. Hazaribagh, with its panoramic rhapsodies, congenial salubrious climate abounds in lush verdant flora. NH-2 passes through the city and an estimated 3161 trucks enter in its TSL in a month.

- **Bakaro**

Bokaro District located in the sprawling and luxuriant Chotanagpur Plateau, Bokaro spans from 23°29' latitude and 86° 09' longitudes and occupies an area of 2861 sq. km. Bokaro is a multi-dimensional industrial base of India. The district is renowned for the Bokaro Steel Plant. NH-32 passes through the city and an estimated 2226 trucks enter in TSL per month.

- **G.T.Road Dhanbad (Barwadda)**

Dhanbad, the Industrial and mining city, is internationally famous for its rich coal fields. In and around Dhanbad is the richest mineral wealth of India. Dhanbad is connected with all the major city of India by Rail and Road. In terms of Road Link it is on Grand Trunk road (NH-2) which is now converted into Four Lane Golden Quadrilateral. An estimated 2907 trucks enter in G.T.Road Dhanbad (Barwadda) TSL every month.

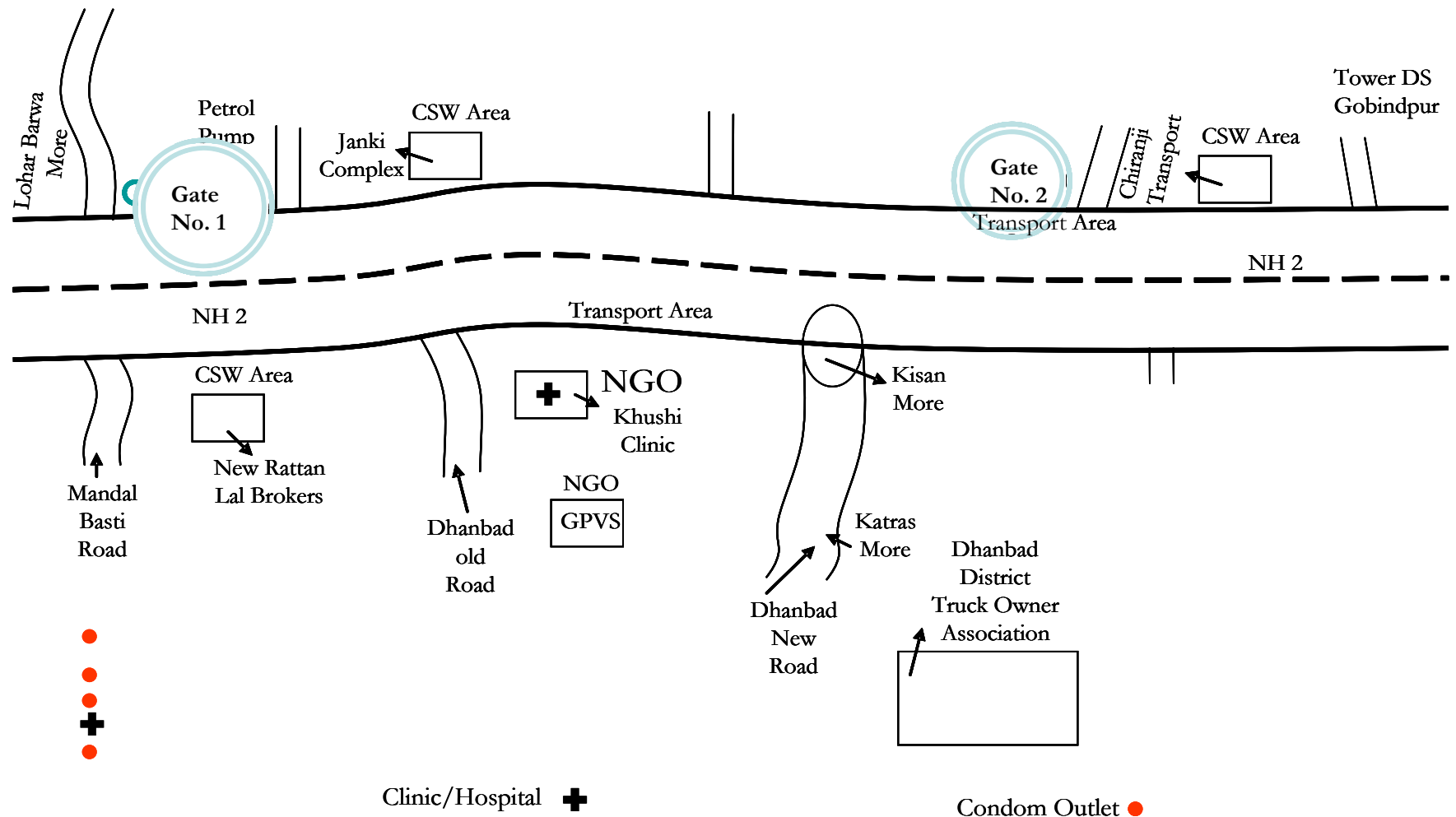
- **Tata Road Bahragora**

Bahragora is a small town which comes under the Bahragora block of East Singhbhum District in Jharkhand. This scenic town is situated around 70 km from Jamshedpur. The nearest railway station is Chakulia Railway Station, about 56 km from here. Ranchi Airport is the nearest airport. NH-31 passes through Tata Road Bahragora and an estimated 2948 trucks enter in the TSL every month.

Snapshot of Jharkhand TSLs

Name of the TSL	Unique Trucks	Unique Tckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Hazaribagh	3161	8440	2786	7439
G.T.Road Dhanbad (Barwadda)	2907	8052	2322	6432
Guru Dwara Road Bokaro	2226	5987	1771	4763
Tata Road Bahragora	2948	6191	2392	5024

G.T.Road Dhanbad



Trans-shipment Location Profile	
Name of TSL : City	G.T.Road Dhanbad (Barwadda)
Nearest NH	002
Approximate no. of Brokers	20
Peak Month	January, February & March
Association or Unions Present	Yes
Most frequented Route	Within Jharkhand & Punjab - Jharkhand
% of drivers/cleaners staying for more than a day in this TSL	8%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	214
Trucks per months	6430
Truck:Trucker	2.8
LDT per month (63.5%)	4083

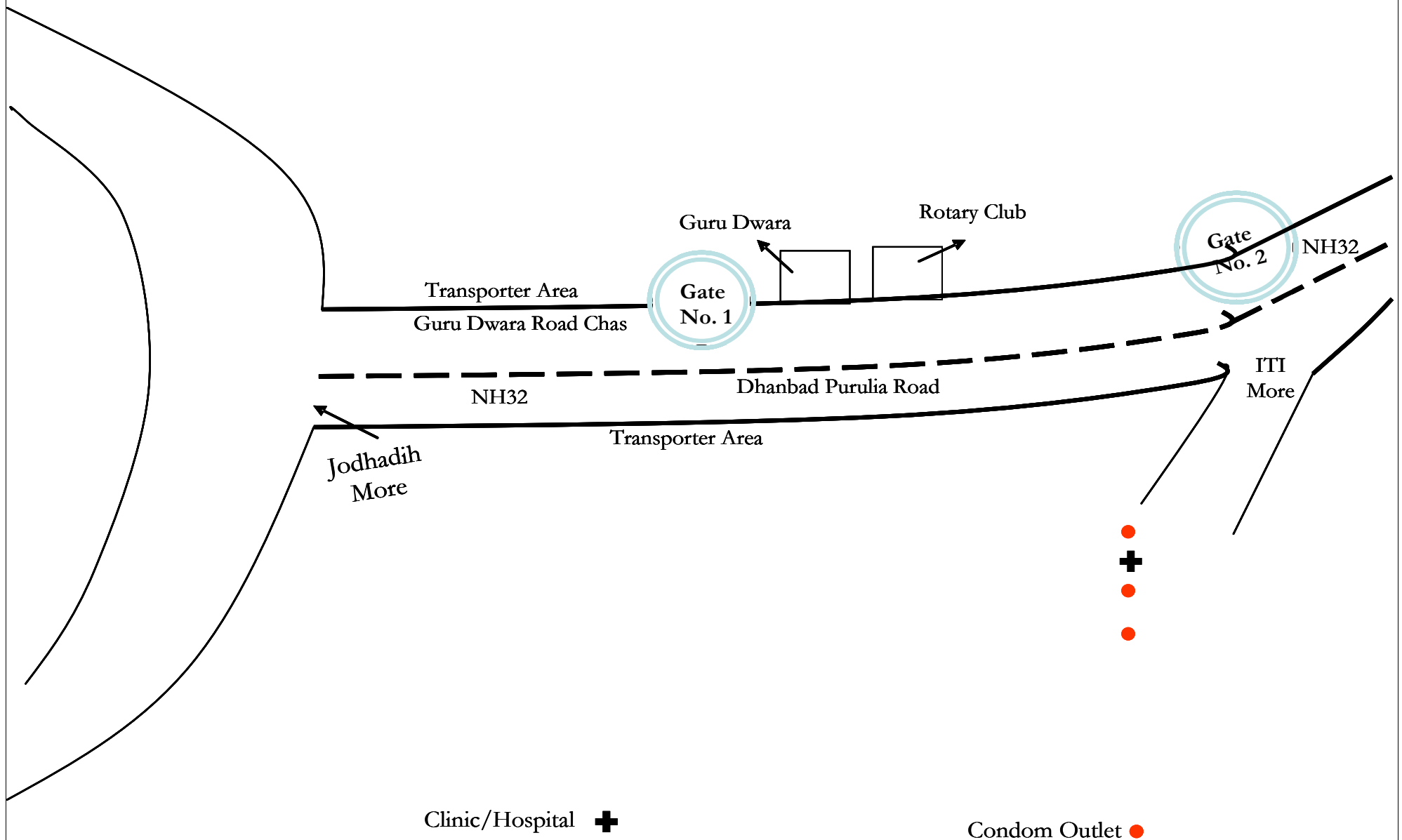
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 26% Enroute - 60%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 28.2% Non-Commercial - 97.4%
Usage of Condom while having sex in last three months	Always- 21% Sometimes- 36% Never- 44%
Participation in trucker welfare activities	15% Health Camps 15% Street Plays

Unique Trucks per Month	2907
Unique Truckers per month	8052
Unique Long Distance Trucks per Month	2322
Unique Long Distance Truckers per Month	6432

Snapshot of Association present in the TSL

- ❖ **Dhanbad District Truck Owner Association** is functional in Katras More Jhariya, Dhanbad.
- ❖ Mr. Inamul Haque, President of the association was interviewed.
- ❖ This association works for the welfare and social security of truck drivers. They also work with Khusi Clinic on the health of truck drivers.
- ❖ The association conducts awareness programmes on HIV/AIDS through street plays and organize health camps for HIV test.
- ❖ According to Inamul Haque, "we should spread awareness on HIV issue through camps and means of entertainment."
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Gurdwara Road Bokaro



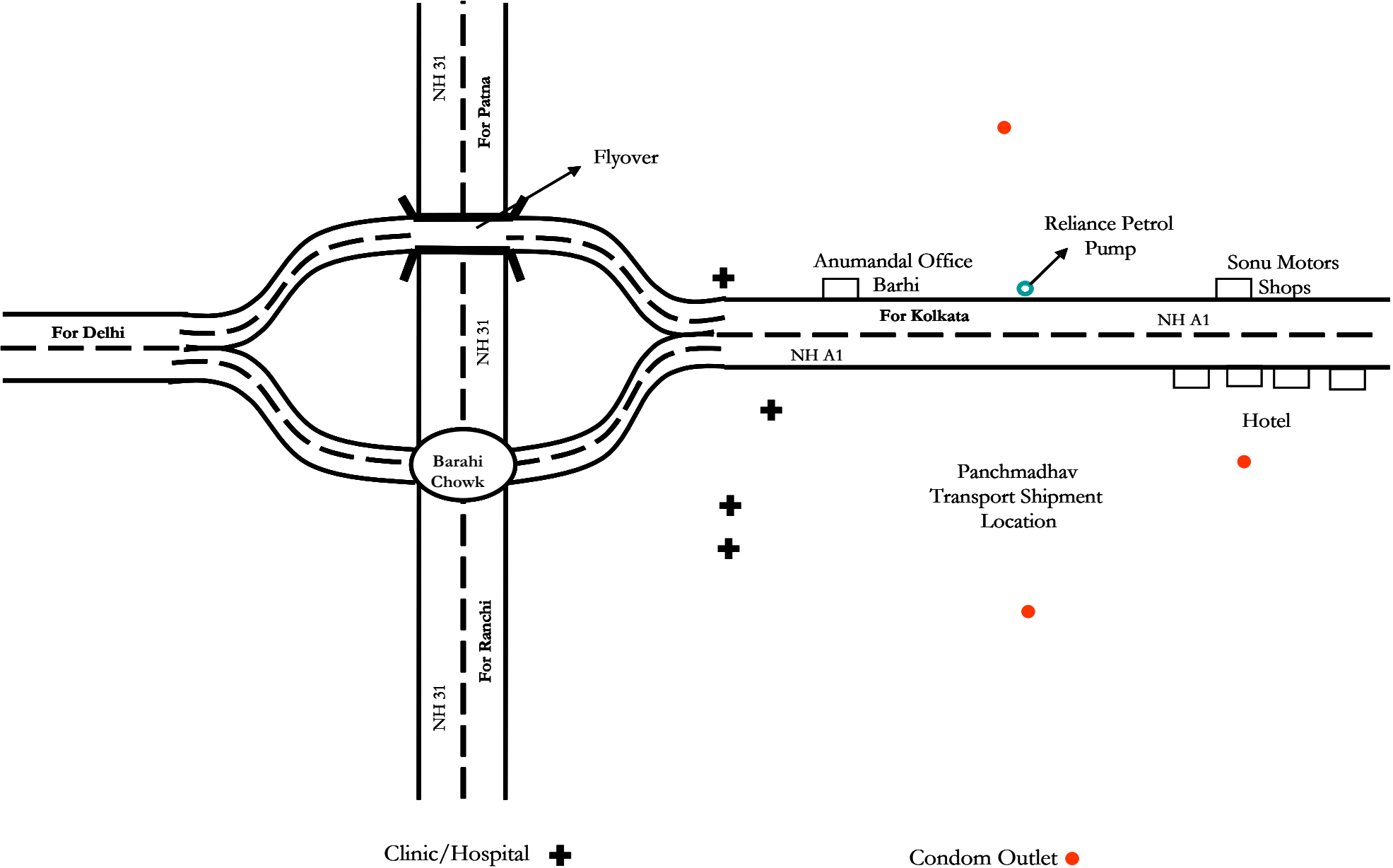
Trans-shipment Location Profile	
Name of TSL : City	Guru Dwara Road Bokaro
Nearest NH	032
Approximate no. of Brokers	23
Peak Month	February, May & June
Association or Unions Present	No
Most frequented Route	Jharkhand - Punjab
% of drivers/cleaners staying for more than a day in this TSL	31%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	170
Trucks per months	5100
Truck:Trucker	2.7
LDT per month (56%)	2856

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 52%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial - 24.4% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 22% Sometimes- 51% Never- 27%
Participation in trucker welfare activities	17% Health Camps 9% Counseling Services regarding Health Services

Unique Trucks per Month	2226
Unique Truckers per month	5987
Unique Long Distance Trucks per Month	1771
Unique Long Distance Truckers per Month	4763

Barhi (Panchmadhav) Hazaribagh



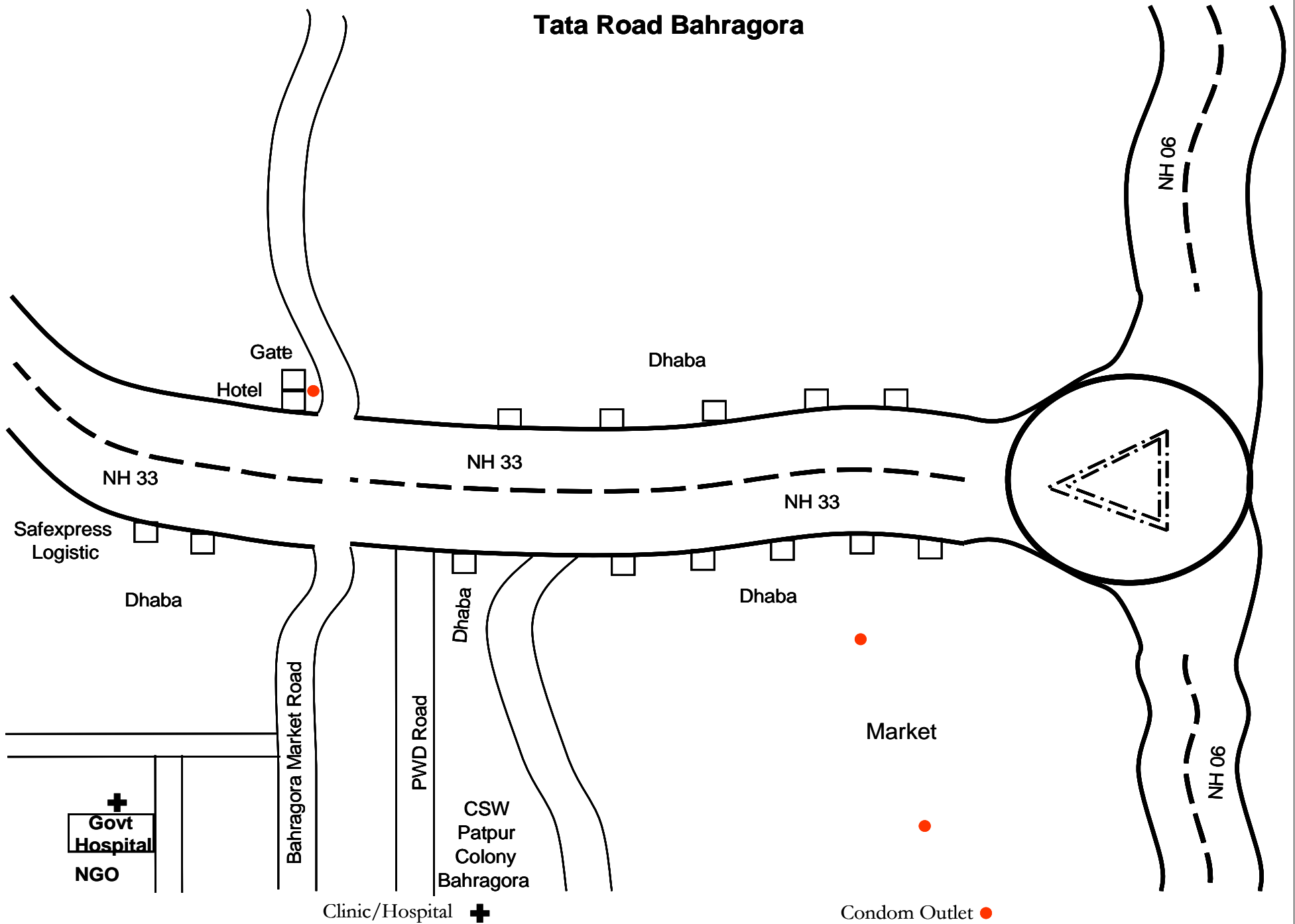
Trans-shipment Location Profile	
Name of TSL : City	Barhi (Panch Madhav) Hazaribagh
Nearest NH	NH-002
Approximate no. of Brokers	Less than 10
Peak Month	January & February
NGOs, Association or Unions Present	No
Most frequented Route	West Bengal - Jharkhand
% of drivers/cleaners staying for more than a day in this TSL	None
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	286
Trucks per months	8590
Truck:Trucker	2.7
LDT per month (82.6%)	7095

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 4%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 30.8% Non-Commercial - 82.1%
Usage of Condom while having sex in last three months	Always- 26% Sometimes- 46% Never- 28%
Participation in trucker welfare activities	16% Free Health Check up Camps 12 %Distribution of Condoms 14% Street Plays

Unique Trucks per Month	3161
Unique Truckers per month	8440
Unique Long Distance Trucks per Month	2786
Unique Long Distance Truckers per Month	7439

Tata Road Bahragora



Trans-shipment Location Profile	
Name of TSL ; City	Tata Road Bahragora
Nearest NH	31
Approximate no. of Brokers	8
Peak Month	January & February
Associations or Unions Present	No
MOST FREQUENTED ROUTE	West Bengal to Jharkhand
% of drivers/cleaners staying for more than a day in this TSL	3.5%
Availability of Health Facility in/around TSL	Yes (Private)

Mantab of trucks per day	256
Trucks per months	7680
Truck: Trucker	2.1
LDT per month (51%)	3917

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL – None Enroute – 30%
% of truckers who had sexual intercourse in last 3 months	96%
Type of partners you have had sex in last three months	Commercial – 98% Non-Commercial – 5%
Usage of Condom while having sex in last three months	Always – 12% Sometimes – 39% Never – 49%
Participation in trucker welfare activities	10% Free Health Check up Camps 28% counseling services regarding health issues 14% Steet Plays/ Nukkad natak on health issues

Unique Trucks per Month	2948
Unique Truckers per month	6191
Unique Long Distance Trucks per Month	2392
Unique Long Distance Truckers per Month	5024

Jharkhand TSLs at a glance...

- Three TSLs have been selected in Jharkhand state of which G.T.Road Dhanbad (Barwadda) and Barhi (Panch Madhav) Hazaribagh lie on NH-02 (Delhi-Kolkatta Highway – North-East route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral Barhi also touches NH-33.
- NH-02 which sets up from Delhi passes through Haryana, Uttar Pradesh, Jharkhand and West Bengal and ends up by touching Kolkata city.
- An estimated 8590 trucks enter in Barhi TSL per month.
- It has been observed that estimated 82.6% long distance trucks make an entry in the Barhi TSL every month.
- The availability of Condoms has been found in each selected TSL but the percentage of non users of condoms is relatively high.
- The presence of an NGO has been reported only in G.T.Road Dhanbad (Barwadda) which works on the welfare and social security of truckers. They also work with Khushi clinic and organize health camps HIV testing.
- All the truckers interviewed in Jharkhand TSLs had the knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In Jharkhand TSLs 100% of the truckers felt that they were at risk of getting HIV.

STATE 13: KARNATAKA



Topography

Karnataka is a state in the southern part of India. Karnataka is bordered by the Arabian Sea to the west, Goa to the northwest, Maharashtra to the north, Andhra Pradesh to the east, Tamil Nadu to the southeast, and Kerala to the southwest. Bangalore is the capital city of the state and is at the forefront of the rapid economic and technological development that India is experiencing.

Economy

Karnataka had an estimated GSDP (Gross State Domestic Product) of about Rs. 2152.82 billion (\$ 51.25 billion) in the 2007-2008 fiscal year, is one of the more economically progressive states in India. With GDP growth of 56.2% and per capita GDP growth of 43.9%, Karnataka now has the sixth highest per-capita GDP of all states. Nearly 56% of the workforce in Karnataka is engaged in agriculture and related activities. Karnataka also leads the nation in biotechnology. It is home to India's largest biocluster, with 158 of the country's 320 biotechnology firms being based here.

TSL Mapping Exercise

In Karnataka Nine sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Karnataka and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Banglore Neelmangla**

This urban metropolis is the capital city of Karnataka and happens to be the fastest growing metropolis in India. The district is enclosed by Kolar District in the northeast, Tumkur District in the northwest, Mandya District in the southwest, Chamarajanagar District in the south and the neighbouring state of Tamil Nadu in the southeast, respectively. The core of the booming Information Technology industry and several other large and small-scale industries are located in the district. NH-4 passes through the city

- **Banglore Meadanayakanahali**

NH-4 passes through the city and an estimated 4082 trucks enter in its TSL every month.

- **Banglore (Attibele)**

NH-8 passes through the city and an estimated 3937 trucks enter in its TSL every month.

- **Belgaum**

Belgaum District sited in the Western Ghats in Karnataka. Strategically located midway between the metropolis of Mumbai and Bangalore, Belgaum, renown for its exquisite cotton and silk weavings has a predominantly agrarian economy, which is complemented by a multi-dimensional industrial base. NH-4 passes through Belgaum and an estimated 4478 trucks enter in its TSL in a month.

- **Mysore**

Mysore is the second largest city in the state of Karnataka, India. It lies about southwest of Bangalore, the capital of Karnataka. While tourism is the major industry in Mysore, the city is also emerging as the second largest software exporter in the state of Karnataka, next to Bangalore. NH-7 passes through its TSL and an estimated 2654 trucks enter in its TSL every month.

- **Mangalore**

Mangalore is an important city in Karnataka and is situated on the west coast. The city is located in the confluence of Nethravathi and Gurupura rivers. Mangalore is the largest urban coastal center of Karnataka and the fourth largest city of the State. Three National Highways viz., NH-17 linking Panvel and Kanyakumari, NH-48 linking Mangalore and Bangalore. An estimated 2776 trucks enter in its TSL every month.

- **Bangalore DTTO**

NH-4 passes through Bangalore DTTO and an estimated 2957 trucks enter in its TSL per month.

- **Hubli NH - 4**

Hubballi in the state of Karnataka in India is the second-largest conurbation in Karnataka, after Bangalore. Cotton and peanuts (called groundnuts locally) are grown aplenty in the surrounding rural areas, and Hubballi is a major trading center for both commodities. Sea food from Karwar, a coastal town 165 km away, is packed and shipped from Hubli. NH-4 passes through the city and an estimated 2158 trucks enter in its TSL every month.

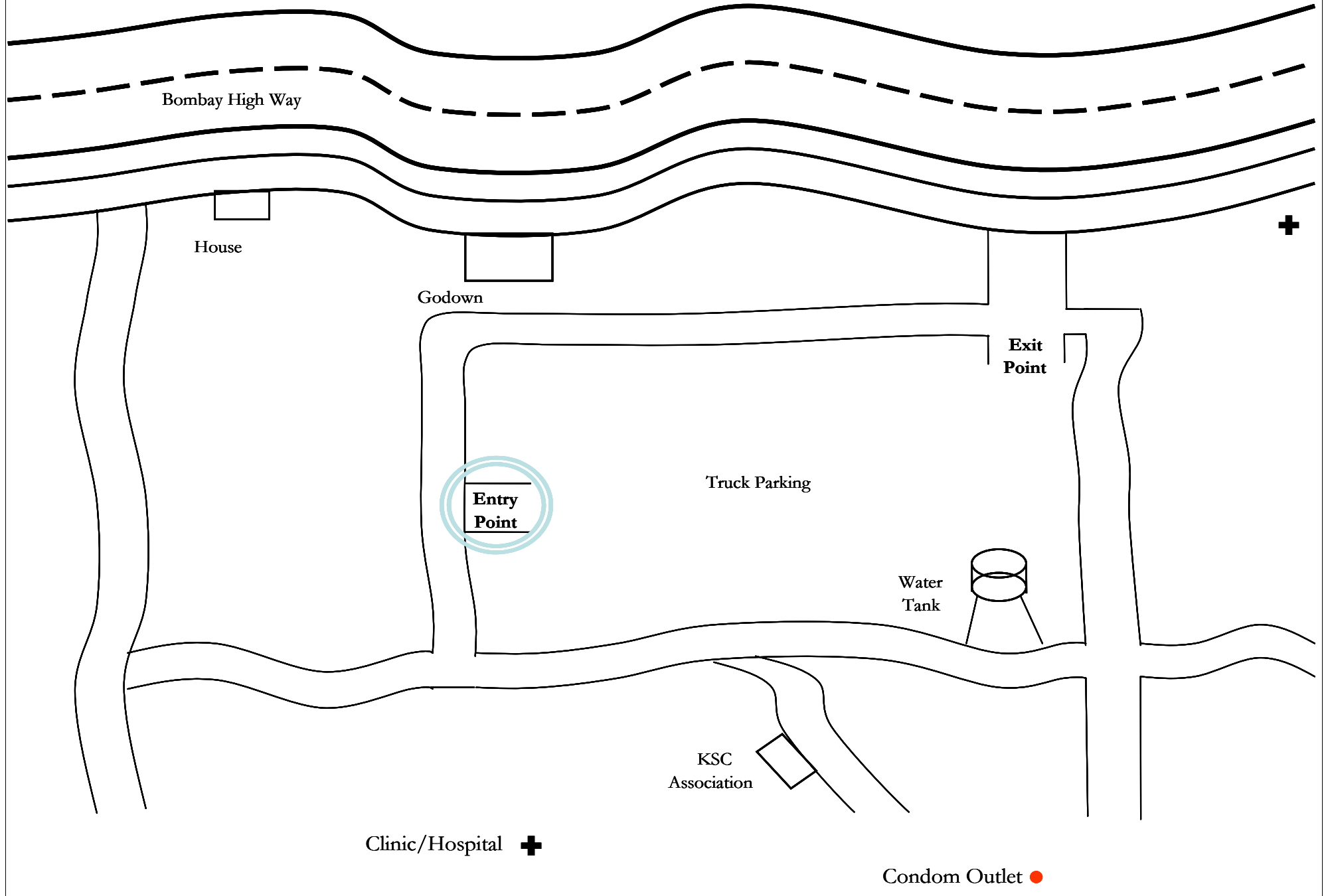
- **Gulbarga (Mumbai Entrance Chandrakanta)**

Kalburgi is a town in the Indian state of Karnataka. It is the administrative headquarters of Gulbarga District, and of Gulbarga Division. Gulbarga is 613 km north of Bangalore and well connected by road to Bijapur, Hyderabad, Solapur and Bidar.

Snapshot of Karnataka TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Banglore Neelmangla	4478	12270	2668	7310
Banglore Meadanayakanahali	4082	12204	3588	10730
Banglore (Attibele)	3937	9174	3174	7396
Belgaum	3286	7395	3286	7395
Mysore	2654	7297	2624	7216
Manglore	2776	6303	2761	6268
Banglore DTTO	2957	6121	2558	5294
Hubli NH - 4	2158	4899	1951	4428
Gulbarga (Mumbai Entrance Chandrakanta)	1850	5531	1850	5531

Gulbarga Mumbai Entrance Chandrakanta (MGTT)



Trans-shipment Location Profile	
Name of TSL : City	Gulbarga (Mumbai Entrance Chandrakanta)
Nearest NH	512
Approximate no. of Brokers	50
Peak Month	April, June & November
Association or Unions Present	Yes
Most frequented Route	Karnataka - Mizoram
% of drivers/cleaners staying for more than a day in this TSL	1
Availability of Health Facility in/around TSL	Yes

Mantab of trucks per day	271
Trucks per months	8120
Truck: Trucker	3.0
LDT per month (63.5%)	0

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 42.2% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 24% Sometimes- 49% Never- 27%
Participation in trucker welfare activities	3% NGOs Providing Medical Services 3% Health Camps 6% Distribution of Condoms

Unique Trucks per Month	1,850
Unique Truckers per month	5,531
Unique Long Distance Trucks per Month	1,850
Unique Long Distance Truckers per Month	5,531

Snapshot of Association present in the TSL

- ❖ **Bangalore Lorry Malikara Sangh** is functional in Gulbarga. This association was incepted in 1973.
- ❖ Mr Rajesh, President of the association was contacted.
- ❖ This association works for trucker in educating them about HIV/AIDS and educating them on using condoms. However, they have never organized any special programmes/activities for truck drivers.
- ❖ According to the President, "*to avoid AIDS condoms must be available in all TSLs for 24 hours in day.*" Also truckers travel long journeys so they may indulge in unsocial activities on the route.

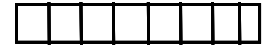
Bangalore Attibele



Trucker Owner Association



RTO Forest Commercial Check Post



Toilet

Dhaba

Truck
Parking

Transporter
Offices

Entry

Hosure

Bangalore

Exit

Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Banglore (Attibele)
Nearest NH	008
Approximate no. of Brokers	153
Peak Month	January, April & May
Association or Unions Present	Yes
Most frequented Route	Tamilnadu - Karnataka
% of drivers/cleaners staying for more than a day in this TSL	70.5%
Availability of Health Facility in/around TSL	No

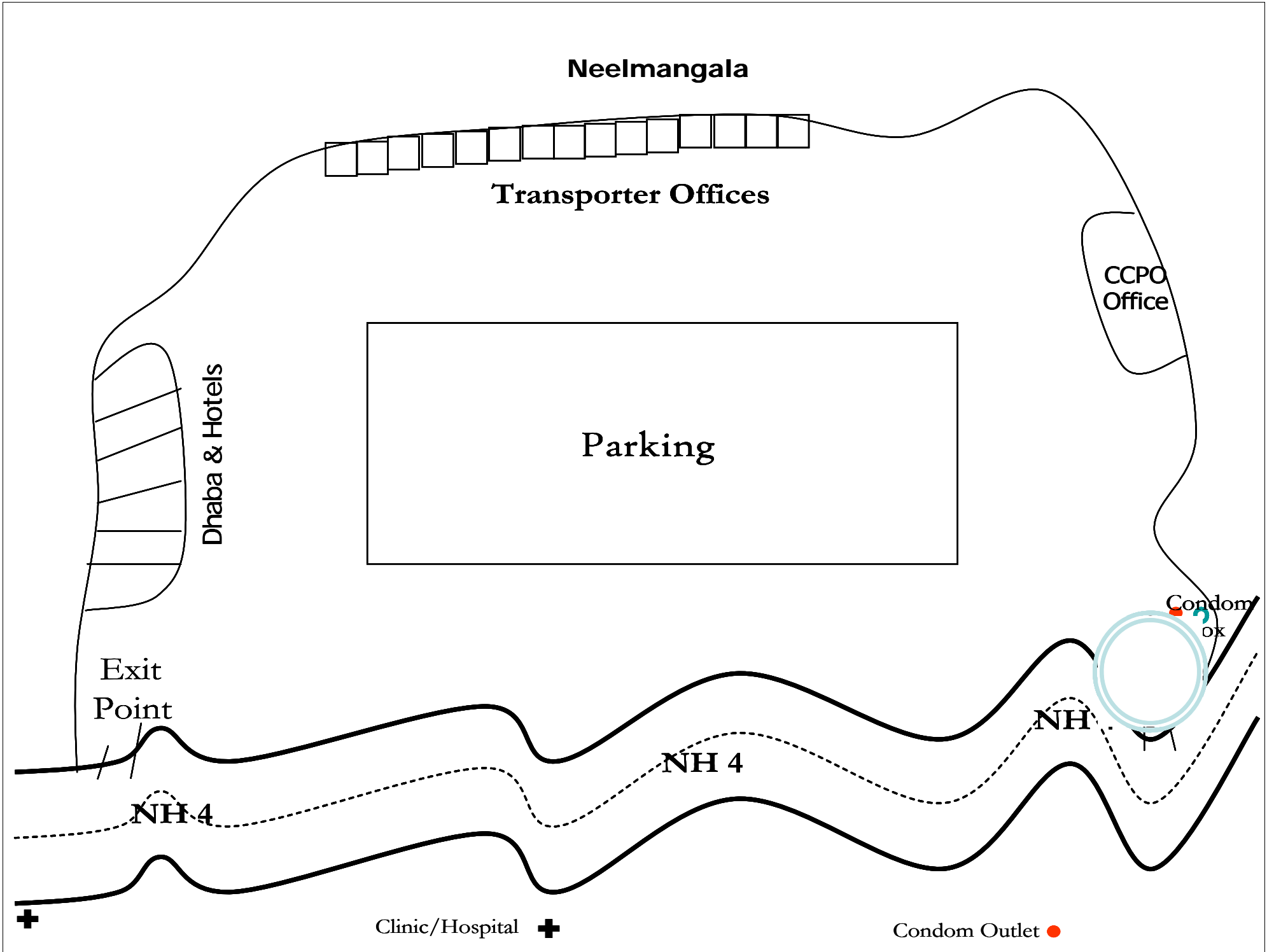
Mantab of trucks per day	532
Trucks per months	15950
Truck:Trucker	2.3
LDT per month (78.5%)	12521

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 100% Enroute - 2%
% of truckers who had sexual intercourse in last 3 months	92%
Type of partners you have had sex in last three months	Commercial - 69.6% Non-Commercial - 95.7%
Usage of Condom while having sex in last three months	Always- 11% Sometimes- 59% Never- 30%
Participation in trucker welfare activities	34% Health Camps 29% Counseling Services regarding Health Services 40% Street Plays

Unique Trucks per Month	3937
Unique Truckers per month	9174
Unique Long Distance Trucks per Month	3174
Unique Long Distance Truckers per Month	7396

Snapshot of Association present in the TSL

- ❖ Truck owners Association is functional in Banglore, Attibele.
- ❖ Venkatesh Supervisor, of the association was interviewed.
- ❖ This association organizes health camps.
- ❖ The association conducts awareness programmes and street plays on HIV issues.
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.



Trans-shipment Location Profile	
Name of TSL : City	Banglore Neelmangla
Nearest NH	004
Approximate no. of Brokers	10
Peak Month	March, September & October
Association Present	Yes
Most frequented Route	Maharstra - Karnataka
% of drivers/cleaners staying for more than a day in this TSL	15%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	548
Trucks per months	16.430
Truck:Trucker	2.7
LDT per month (54.5%)	8.954

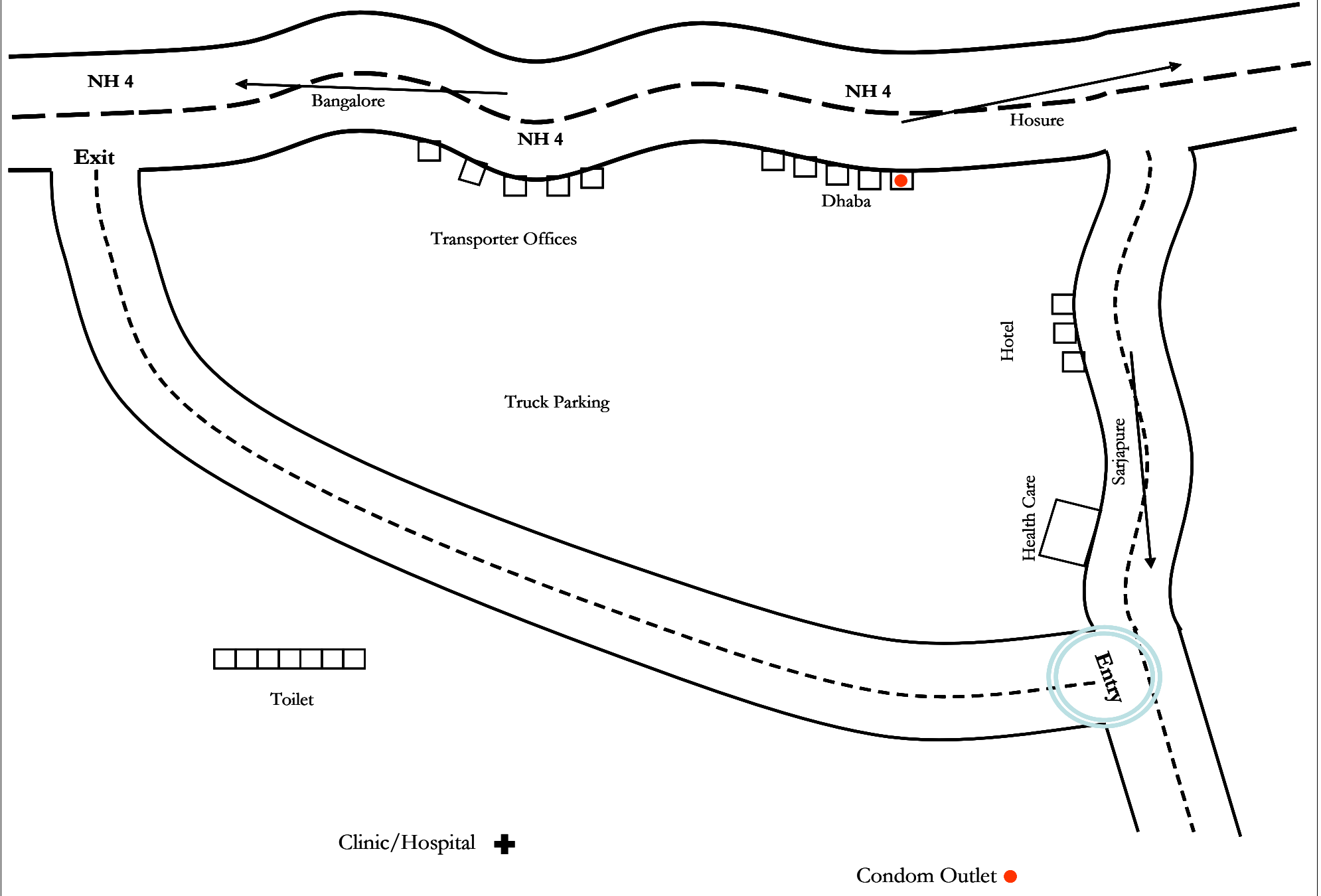
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 84% Enroute - 2%
% of truckers who had sexual intercourse in last 3 months	98%
Type of partners you have had sex in last three months	Commercial - 42.9% Non-Commercial - 98.0%
Usage of Condom while having sex in last three months	Always- 8% Sometimes- 49% Never- 43%
Participation in trucker welfare activities	33% Health Camps 29% Street Plays 31% Health Exhibitions

Unique Trucks per Month	4.478
Unique Truckers per month	12.270
Unique Long Distance Trucks per Month	2.668
Unique Long Distance Truckers per Month	7.310

Snapshot of Association present in the TSL

- ❖ **Truck owner Association** is functional in Bangalore. This association was incepted in 1973.
- ❖ Mr Venkatesh, Supervisor of the association was contacted.
- ❖ This association is working for health camp. They organize this thrice in a week. We are having one doctor, two helpers & one nurse.
- ❖ They have also organized street plays regarding AIDS and condom in their health camp.
- ❖ In general truckers face language problems. They are often scared of check post and RTO people.
- ❖ According to the supervisor "*our plan is to open the hospital which monitoring and the doctors are available. We also have ambitious plan for our camp.*"

Bangalore DTTO



Trans-shipment Location Profile	
Name of TSL : City	Banglore DTTO
Nearest NH	004
Approximate no. of Brokers	10
Peak Month	January, June & August
Association Present	Yes
Most frequented Route	Tamilnadu - Karnataka
% of drivers/cleaners staying for more than a day in this TSL	19.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	377
Trucks per months	11,310
Truck to Trucker ratio	2.1
LDT per month (84.5%)	9,557

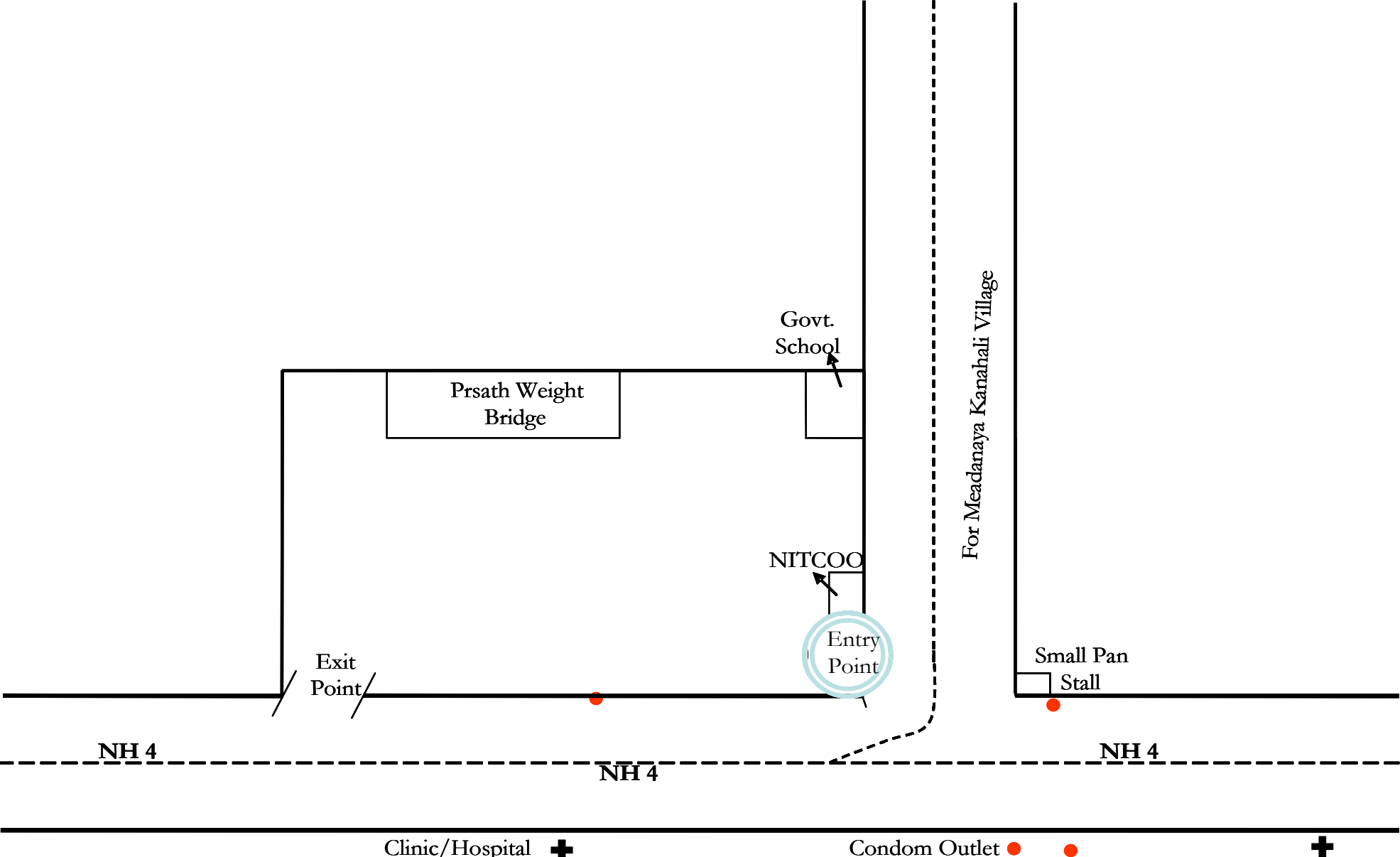
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 80% Enroute - None
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 48.0% Non-Commercial - 92.0%
Usage of Condom while having sex in last three months	Always- 4% Sometimes- 50% Never- 46%
Participation in trucker welfare activities	43% Health Camps 31% Distribution of Condoms 37% Street Plays

Unique Trucks per Month	2,957
Unique Truckers per month	6,121
Unique Long Distance Trucks per Month	2,558
Unique Long Distance Truckers per Month	5,294

Snapshot of Association present in the TSL

- ❖ **Bangalore City transport Association** Unity is functional in Bangalore DTTO Transport Nagar. This association was incepted in 1973.
- ❖ Mr A Mani, President of the association was contacted.
- ❖ Through this, association provides help and assistance to general public as well as to truck drivers. They also work towards educating the drivers regarding traffic rule. They are also giving information regarding AIDS as well as traffic rules.
- ❖ According to the President, "AIDS is not curable from any medicine. Hence we need to give information (awareness) regarding HIV/AIDS."
- ❖ Truckers often get stuck with their social and financial problems. The association also helps them in such problems
- ❖ The association plans to prevent AIDS and request some more facility from government as well.

Madanaya Kanahalli



Trans-shipment Location Profile	
Name of TSL : City	Banglore Meadanayakanahali
Nearest NH	004
Approximate no. of Brokers	20
Peak Month	March, April & June
NGO Present	Yes
Most frequented Route	Karnataka - Haryana
% of drivers/cleaners staying for more than a day in this TSL	82%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	562
Trucks per months	16,870
Truck to Trucker ratio	3.0
LDT per month (86%)	14,508

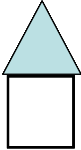
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 18% Enroute - 48%
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 92.0% Non-Commercial - 94.0%
Usage of Condom while having sex in last three months	Always- 12% Sometimes- 80% Never- 8%
Participation in trucker welfare activities	33% Health Camps 44% Trucker Utsav 32% Distribution of Condoms

Unique Trucks per Month	4,082
Unique Truckers per month	12,204
Unique Long Distance Trucks per Month	3,588
Unique Long Distance Truckers per Month	10,730

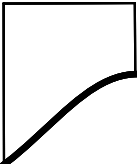
Snapshot of NGO present in the TSL

- ❖ **Suraksha** is functional in Bangalore Meadanayakanahali.
- ❖ Mr Purushottam, Manager of the association was contacted.
- ❖ This association works in the area of preventing HIV/AIDS. Two months back the organization also had organized Dramas, Road shows, condom promotion to bring awareness in the people etc.
- ❖ According to the President, "*condom should be made available 24 hours in the TSL at any day.*"
- ❖ In general truckers remain out of their homes for long making them vulnerable to lot of dangers.

Hubli



Temple



Pune



Bangalore

Krush
Clinic

Truck
Stand

Indian
Oil
Bank



NGO

Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Hubli NH - 4
Nearest NH	004
Approximate no. of Brokers	12
Peak Month	March, April & June
Association Present	Yes
Most frequented Route	Karnataka - Haryana
% of drivers/cleaners staying for more than a day in this TSL	96%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	294
Trucks per months	8,830
Truck to Trucker ratio	2.3
LDT per month (90.5%)	7,991

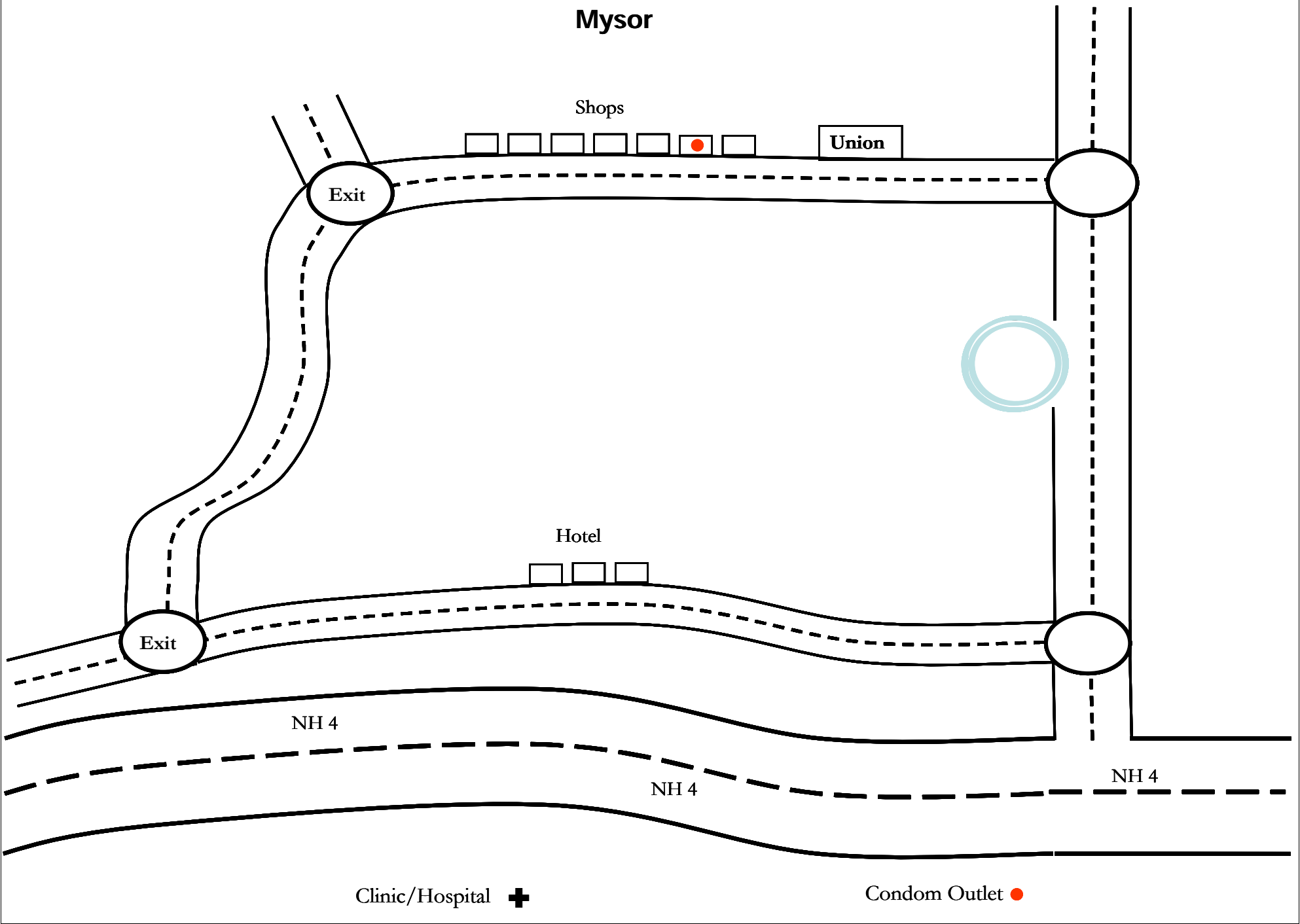
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 4%
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 29.2% Non-Commercial - 91.7%
Usage of Condom while having sex in last three months	Always- 4% Sometimes- 31% Never- 65%
Participation in trucker welfare activities	32% Counseling Services regarding Health Services 31% Group Discussion 22% Film Shows

Unique Trucks per Month	2,158
Unique Truckers per month	4,899
Unique Long Distance Trucks per Month	1,951
Unique Long Distance Truckers per Month	4,428

Snapshot of Association present in the TSL

- ❖ **Hubli and Dharawad Trucker Association** is functional in Hubli.
- ❖ Mr Prasanth, Leader of the association was contacted.
- ❖ This association works in the area of preventing HIV/AIDS.
- ❖ According to the President, "*people having unsafe methods of sex suffer from AIDS.*"
- ❖ In general truckers remain out of their homes ferom long making them vulnerable to lot of dangers.
- ❖ The association wants to identify people who are likely to attract HIV/AIDS due to unsafe practices by giving them necessaryn safe sex methods.

Mysor



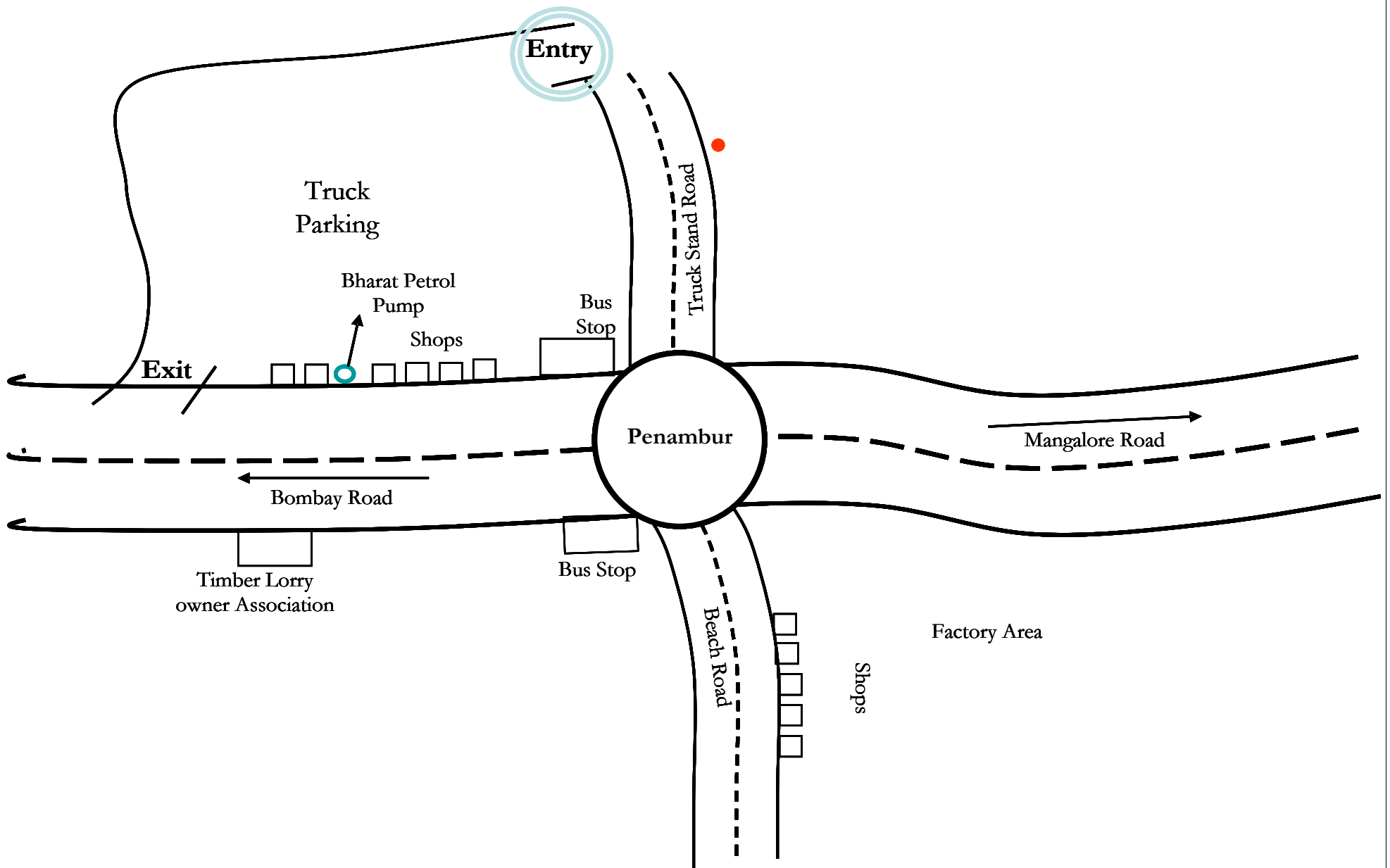
Trans-shipment Location Profile	
Name of TSL : City	Mysore
Nearest NH	004
Approximate no. of Brokers	30
Peak Month	February, June & November
Association or Unions Present	No
Most frequented Route	Karnataka - Haryana
% of drivers/cleaners staying for more than a day in this TSL	88%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	370
Trucks per months	11,100
Truck to Trucker ratio	2.8
LDT per month (98.5%)	10,934

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 43.2% Non-Commercial - 84.1%
Usage of Condom while having sex in last three months	Always- 27% Sometimes- 66% Never- 7%
Participation in trucker welfare activities	12% Distribution of Condoms 20% Group Discussion

Unique Trucks per Month	2,654
Unique Truckers per month	7,297
Unique Long Distance Trucks per Month	2,624
Unique Long Distance Truckers per Month	7,216

Mangalore NH -4



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Manglore
Nearest NH	004
Approximate no. of Brokers	55
Peak Month	January, June & September
Association Present	Yes
Most frequented Route	Karnataka - Punjab
% of drivers/cleaners staying for more than a day in this TSL	96.5%
Availability of Health Facility in/around TSL	No

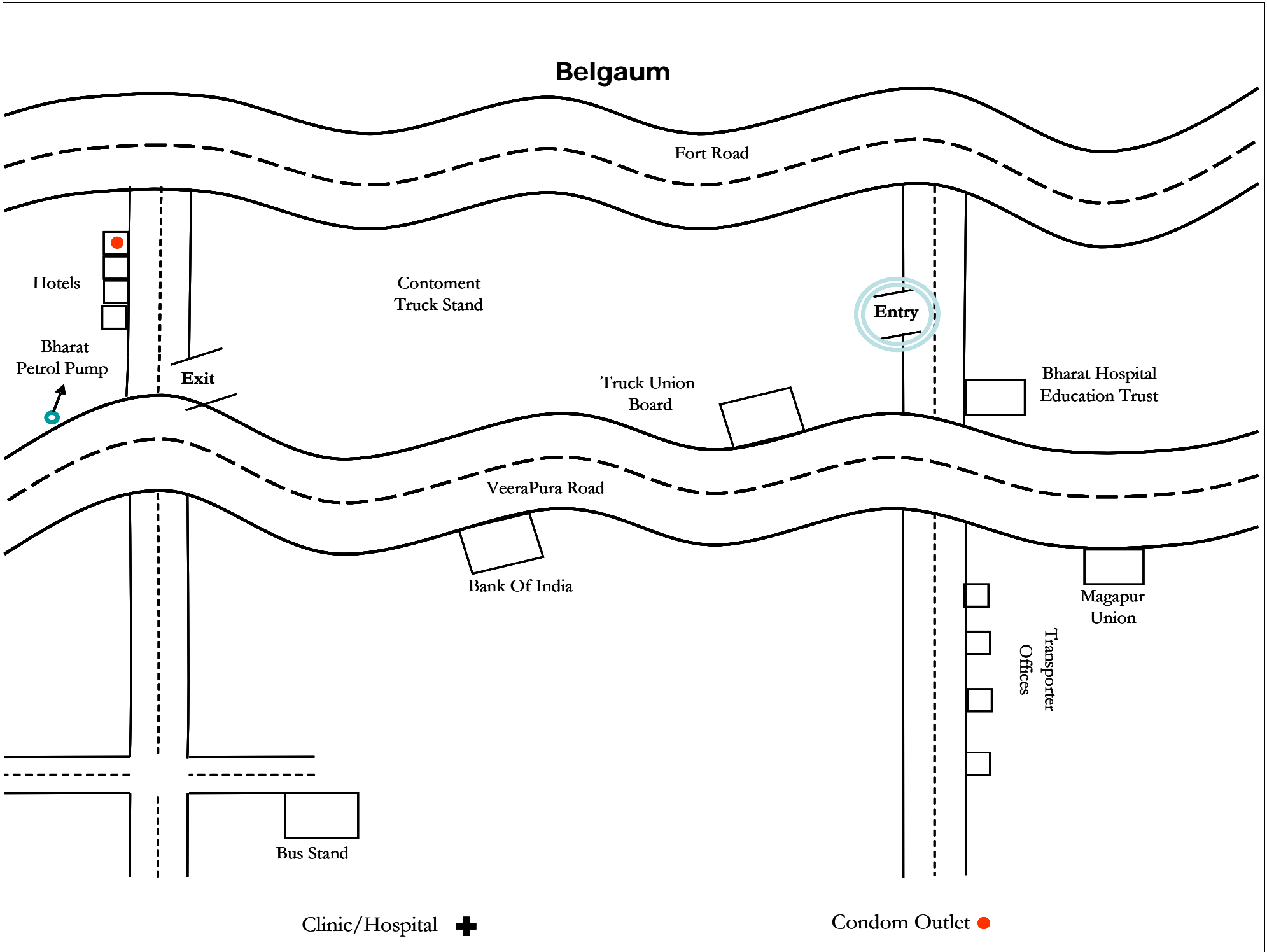
Mantab of trucks per day	405
Trucks per months	12,160
Truck to Trucker Ratio	2.3
LDT per month (99.5%)	12,099

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	92%
Type of partners you have had sex in last three months	Commercial - 69.6% Non-Commercial - 87.0%
Usage of Condom while having sex in last three months	Always- 13% Sometimes- 74% Never- 13%
Participation in trucker welfare activities	4% Counseling Services regarding Health Services 4% Group Discussion

Unique Trucks per Month	2,776
Unique Truckers per month	6,303
Unique Long Distance Trucks per Month	2,761
Unique Long Distance Truckers per Month	6,268

Snapshot of Association present in the TSL

- ❖ **Timber Association** is functional in Mangalore.
- ❖ Mr Charan Singh, Supervisor of the association was contacted.
- ❖ This association advises people who suffer from HIV/AIDS and educate them on how this disease can be stopped from spreading onto others.
- ❖ However, the association never has organized any programmes/activities for truck drivers.
- ❖ According to the President, "on either side of highways health clinics *should be set up and also should supply condoms to the truck drivers.*" The association wants to take it up as the project.
- ❖ In general truckers have a tiresome schedule and they need rest after long drives. Hence they indulge themselves in unsocial activities



Trans-shipment Location Profile	
Name of TSL : City	Belgaum
Nearest NH	004
Approximate no. of Brokers	15
Peak Month	January, April & August
Association or Unions Present	Yes
Most frequented Route	Karnataka - Haryana
% of drivers/cleaners staying for more than a day in this TSL	1
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	449
Trucks per months	13,460
Truck to Trucker Ratio	2.3
LDT per month (100%)	13,460

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 6% Enroute - 2%
% of truckers who had sexual intercourse in last 3 months	96%
Type of partners you have had sex in last three months	Commercial - 37.5% NonCommercial - 95.8%
Usage of Condom while having sex in last three months	Always- 8% Sometimes- 35% Never- 56%
Participation in trucker welfare activities	39% Counseling Services regarding Health Services 33% Group Discussion 34% Street Plays

Unique Trucks per Month	3,286
Unique Truckers per month	7,395
Unique Long Distance Trucks per Month	3,286
Unique Long Distance Truckers per Month	7,395

Snapshot of Association present in the TSL

- ❖ **Belgaum Lorry Association** is functional in Belgaum. This association was incepted in 1973.
- ❖ Mr Anand, leader of the association was contacted.
- ❖ This association works n educating on the AIDS to drivers/labors & also to those who already have HIV
- ❖ According to the President, "due to long journeys travelled, truck drivers are kept away from their wives and children, therefore these sexual problem may increase."
- ❖ The association wishes to have condoms for 24 hours in the TSL.

Karnataka TSLs at a glance...

- Nine TSLs have been selected in the state of Karnataka. Out of which Bangalore Neelmangla, Bangalore DTTO, Bangalore Meadanayakanahali, Hubli, Belgaum lie on NH-04. (Chennai-Mumbai Highway – South-West route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral.
- Manglore TSL has been found the focal point of two National highways i.e. NH-13 and NH-48 which further touches NH-04.
- An estimated 16,870 trucks enter in Bangalore Meadanayakanahali TSL per month.
- An estimated 99.5% long distance trucks enter in the TSL of Manglore every month.
- Bangalore Neelmangla TSL and Bangalore Meadanayakanahali TSL have been categorized medium priority TSL centers with 12270 and 12204 unique truckers respectively.
- Three TSLs of Karnataka (Gulbarga, Bangalore (Attibele) and Manglore TSL) shown the non availability of condoms where it is interesting to see in the remaining six TSLs despite of having the availability of condoms the percentage of non-users is relatively high.
- Except Mysore, all of the TSLs of Karnataka have the presence of Union/NGO which works on the awareness programmes on HIV/AIDS, educating truckers on using condoms, organizing health camps and street plays on HIV issues
- All the truckers in Karnataka TSLs reported that they had knowledge of HIV/AIDS.
- 94% of the truckers in Karnataka felt that they were at risk of getting HIV.

STATE 14: KERALA

Kerala Map



Topography

Kerala, one of the most idyllic states of India, lies to the extreme southwest of Indian peninsula. It is flanked by the Arabian Sea on the west and the mountain ranges of the Western Ghats on the east. It has 14 districts with Thiruvananthapuram as its capital.

Economy

The economy of Kerala is primarily agrarian in nature. Some of the key crops of Kerala are tea, coffee, rubber, cashew, cardamom, pepper and cinnamon. Its service sector is booming with financial companies, real estate agencies, mortgage companies, consultancy services, insurance companies and tourism industry.

TSL Mapping Exercise

In Kerala three sites were selected viz. Ernakulam Kalamassery, Sultan Bateri & Palakkad for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Kerala and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format

- **Palakkad**

Palakkad, also known as Palghat (anglicized), is a town and a municipality in the state of Kerala in southern India. Palakkad lies near the Palghat Gap and connects Kerala to the plains of the state of Tamil Nadu to the east. Rice is produced in an abundant quantity in Palakkad. Cotton, ragi, pepper, sugarcane and others are also produced here. The National Highway (NH) 47 from Salem to Kanyakumari and the Palakkad-Kozhikode National Highway 213 pass through the district. Another important road is the Palakkad-Ponnani which connects NH 47 and NH 17.

- **Sultan Bathery**

Sultan Bathery (formerly called Ganapativatom) is a medium town in Wayanad district of Kerala, India. The town is the largest town in Wayanad District. It lies on the Kozhikode -Mysore National Highway (NH 212).98 km from Kozhikode town. It is also 115 kilometers from Mysore and about 100 kilometers from Ooty (Udagamandalam). The people primarily depend on agriculture for living.

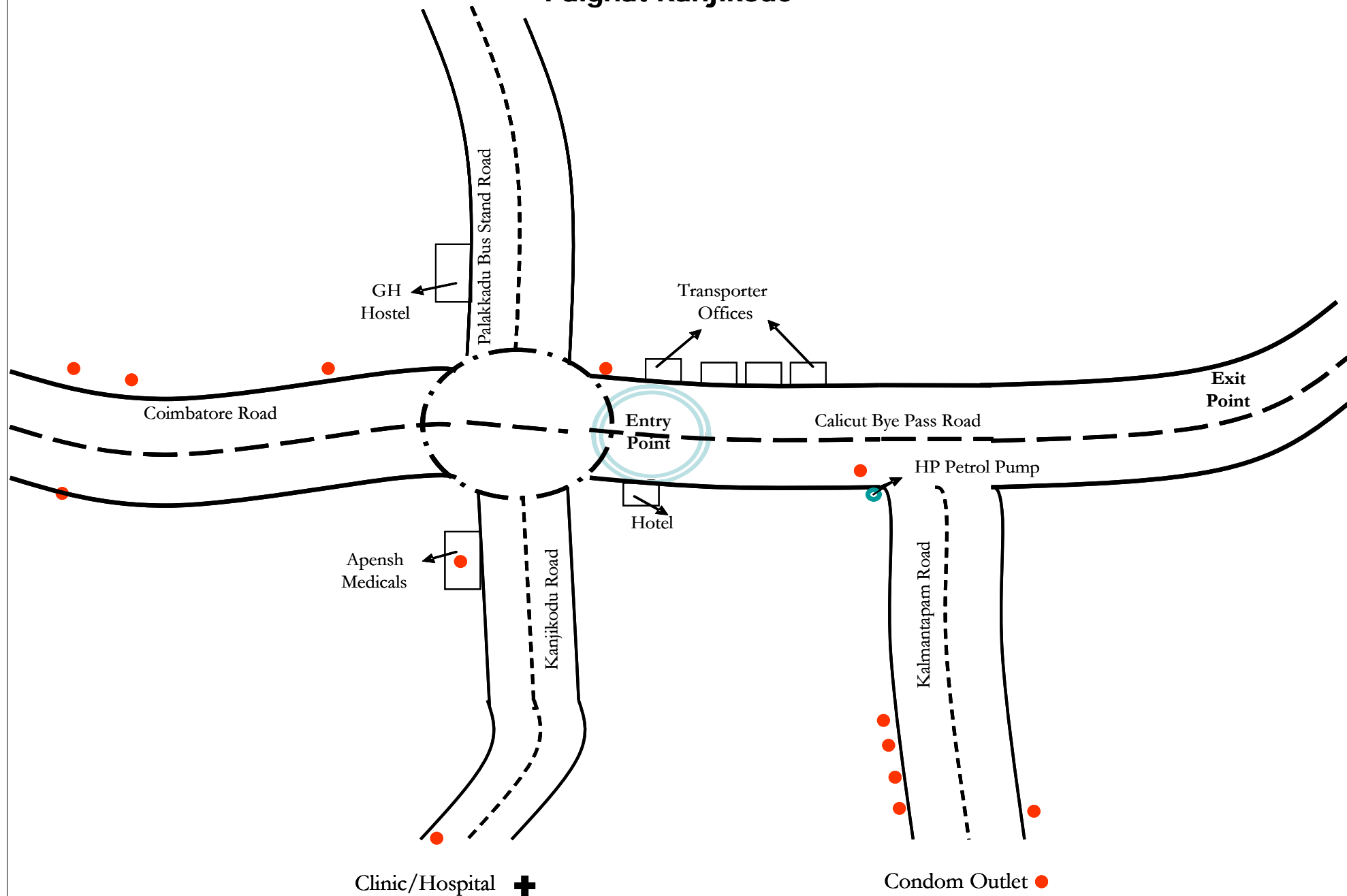
- **Ernakulam**

Ernakulam refers to the eastern part of the mainland of Kochi city in Kerala, India. Ernakulam is the most urban part of Kochi and has lent its name to Ernakulam District. NH 47 and NH 49 passes through Ernakulam.

Snapshot of Kerala TSLs

Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Palghat Kanjikodu	5402	13938	4375	11288
Sullan bateri	3140	9075	2487	7188
Ernakulam Kalamassery	4009	8979	2864	6415

Palghat Kanjikode



Trans-shipment Location Profile	
Name of TSL : City	Palghat Kanjikodu
Nearest NH	032
Approximate no. of Brokers	23
Peak Month	March, April & May
Association Present	Yes
Most Frequented Route	Within Kerela
% of drivers/cleaners staying for more than a day in this TSL	1%
Availability of Health Facility in/around TSL	Yes

Mantab of trucks per day	7,86
Trucks per months	23,570
Truck:Trucker	2.6
LDT per month (26%)	6,128

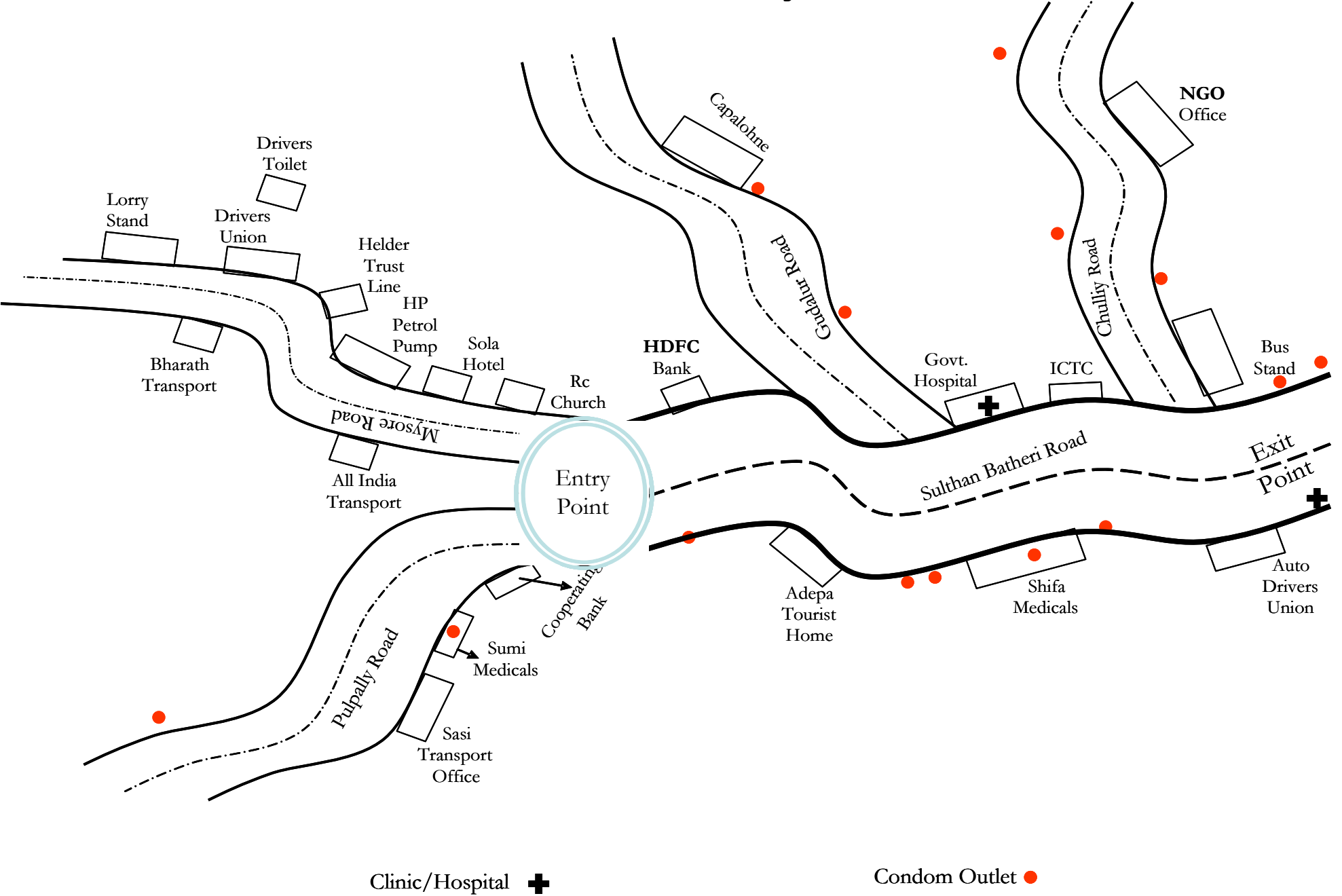
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 58% Enroute - 52%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 54.5% Non-Commercial - 88.6%
Usage of Condom while having sex in last three months	Always- 23% Sometimes- 39% Never- 39%
Participation in trucker welfare activities	30% NGOs Providing Medical Services 26% Health Camps 19% Distribution of Condoms

Unique Trucks per Month	5,402
Unique Truckers per month	13,938
Unique Long Distance Trucks per Month	4,375
Unique Long Distance Truckers per Month	11,288

Snapshot of Association present in the TSL

- ❖ **Palakkadu Lorry Owner Association** is functional in Palghat Kanjikodu. This association was incepted in 2006.
- ❖ Mr Nanthakumar, Secretary of the association was contacted.
- ❖ This association works for lorry drivers and help them in solving their problems.
- ❖ The association also organizes bi-yearly camps and put up health check up camps for lorry drivers.
- ❖ According to the Secretary, "*awareness of HIV/AIDS amongst truck drivers is important and needed.*"

Sultan Battery



Trans-shipment Location Profile	
Name of TSL : City	Sullan bateri
Nearest NH	213
Approximate no. of Brokers	42
Peak Month	January, February & November
Association or Unions Present	Yes
Most Frequented Route	Within Kerela
% of drivers/cleaners staying for more than a day in this TSL	4%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic, NGOs)

Mantab of trucks per day	539
Trucks per months	16180
Truck:Trucker	2.9
LDT per month (25%)	4045

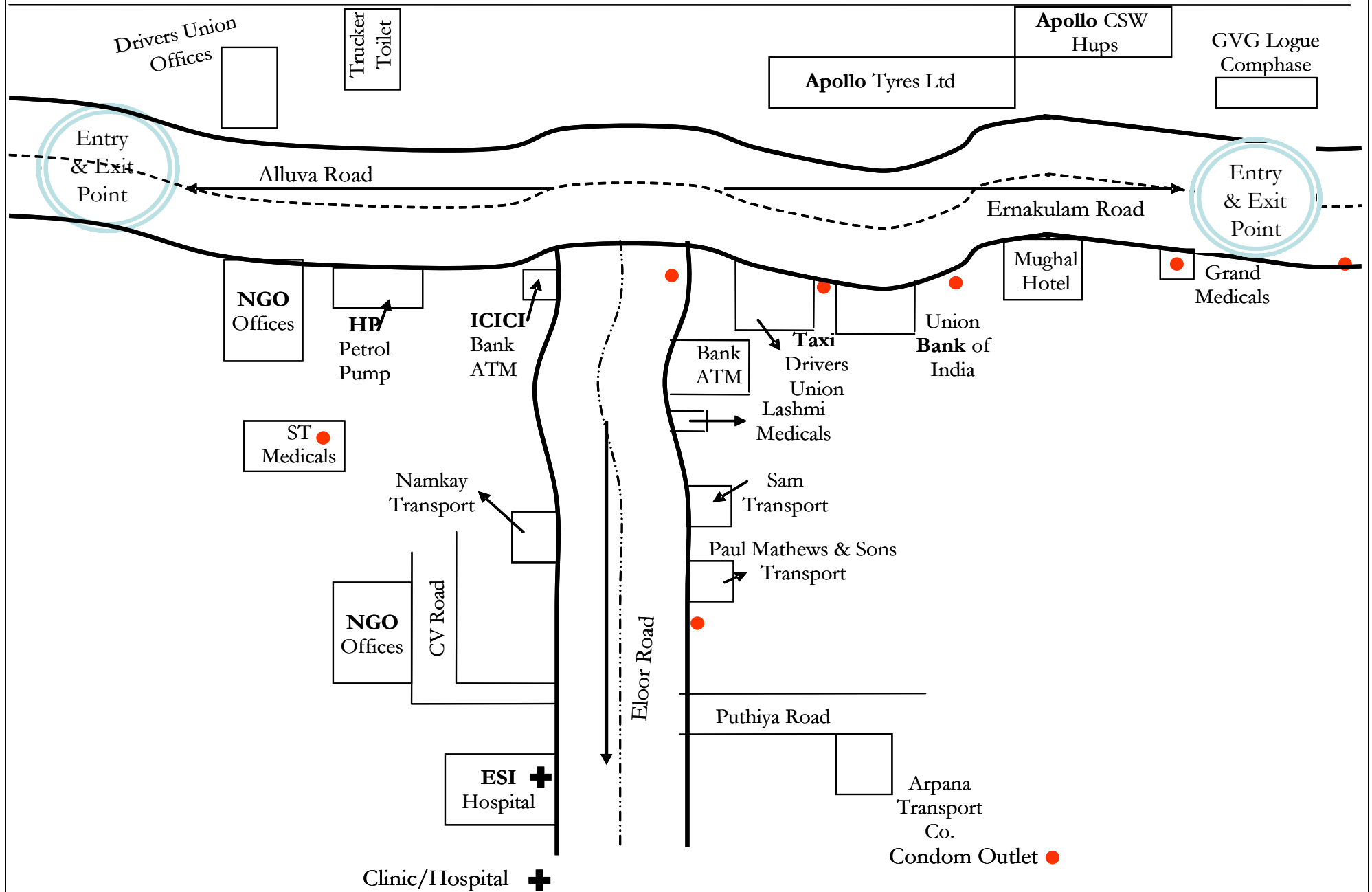
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 56% Enroute - 14%
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 26.2% Non-Commercial - 88.1%
Usage of Condom while having sex in last three months	Always- 14% Sometimes- 21% Never- 64%
Participation in trucker welfare activities	28% NGOs Providing Medical Services 34% Health Camps 22% Distribution of Condoms

Unique Trucks per Month	3140
Unique Truckers per month	9075
Unique Long Distance Trucks per Month	2487
Unique Long Distance Truckers per Month	7188

Snapshot of Association present in the TSL

- ❖ **Indian Red Cross Society** is functional in Sultan Bateri. This association was incepted in 1973.
- ❖ Mr Dany Dominic, Field Programme coordinator of the association was contacted.
- ❖ This NGO has been responsible for implementing KSACS programme –“Suraksha Project”. The project is meant for targeted intervention among sex workers and preventing them from hazards of HIV/AIDS
- ❖ According to the Mr Dominic, the NGO has never carried out any interventions on Truck drivers.
- ❖ Truckers are the bridge population for transferring the HIV/AIDS from High risk groups to general population. It is a vulnerable group.
- ❖ The NGO plans to carry out different activities in future like general awareness about HIV/AIDS, distribution of condom through outreach planning.

Kalamassery



Trans-shipment Location Profile	
Name of TSL : City	Ernakulam Kalamassery
Nearest NH	047
Approximate no. of Brokers	98
Peak Month	March, April & September
Association or Unions Present	Yes
Most Frequented Route	Kerela to Tamilnadu
% of drivers/cleaners staying for more than a day in this TSL	13.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic, NGOs)

Mantab of trucks per day	686
Trucks per months	20,580
Truck to Trucker Ratio	2.2
LDT per month (25%)	5,145

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 56% Enroute - 36%
% of truckers who had sexual intercourse in last 3 months	90%
Type of partners you have had sex in last three months	Commercial - 42.2% Non-Commercial - 93.3%
Usage of Condom while having sex in last three months	Always- 22% Sometimes- 33% Never- 44%
Participation in trucker welfare activities	18% NGOs Providing Medical Services 22% Health Camps

Unique Trucks per Month	4,009
Unique Truckers per month	8,979
Unique Long Distance Trucks per Month	2,864
Unique Long Distance Truckers per Month	6,415

Snapshot of Association present in the TSL

- ❖ **Live Association** is functional in Ernakulam-Kalamassery. This association was incepted in 2004.
- ❖ Mr Nelson, Organizer of the association was contacted.
- ❖ They distribute condoms among truck drivers and also organize health check up camps. The association also plans to distribute condoms among FSW & MSW to educate communities about HIV/AIDS
- ❖ According to the Organizer, education on HIV/AIDS is required for truck drivers.
- ❖ Also as per the association, truckers often face problems long working hours, long night distance travel.
- ❖ The association feels that educating all the people is important and enough awareness should be spread around.

Kerala TSLs at a glance...

- Out of three TSLs of Kerala, Ernakulam Kalamassery lies on NH-47 which also touches NH-49.
- An estimated 23,570 trucks enter in Palghat Kanjikodu TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Kerala.
- The TSL of Palghat Kanjikodu has been categorized the medium priority TSL with 13938 unique truckers.
- An estimated 26% long distance trucks enter in the TSL of Palghat Kanjikodu every month.
- The percentage of non-users of condoms has been found high in all the TSLs, the highest percentage was reported in Sullan bateri (64%). It is interesting to note that awareness of the places where they could buy condoms from in the nearby areas of TSLs was as high as 100% among the surveyed respondents.
- All of the TSLs of Kerala have Union/NGO. The NGO in Sullan bateri is responsible for implementing KSACS programme –“Suraksha Project”. The project is meant for targeted intervention among sex workers and preventing them from hazards of HIV/AIDS
- An overwhelming majority of the truckers (97%) interviewed in 3 TSLs of Kerala had the knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 3 TSLs of Kerala, 98% of the truckers felt that they were at risk of getting HIV.

STATE 15: MAHARASTRA



Topography

Maharashtra is a state located on the western coast of India. It is India's third largest state by area and second largest by population. Maharashtra is bordered by the Arabian Sea to the west, Gujarat and the Union territory of Dadra and Nagar Haveli to the northwest, Madhya Pradesh to the northeast, Chhattisgarh to the east, Karnataka to the south, Andhra Pradesh to the southeast, and Goa to the southwest.

Economy

Maharashtra is the richest state in India with highest per capita income, contributing to 15% of the country's industrial output and 13.2% of its GDP in year 2005-06. Maharashtra's gross state domestic product for 2008 is forecast to be at \$150 billion at current market prices. In 2007 Maharashtra reported a revenue surplus of INR 810 crore.

TSL Mapping Exercise

In Maharashtra twelve sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Maharashtra and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Pune Nigdhi Transport Nagar**

Pune, the second largest city in Maharashtra, and also the 7th largest in India. Pune is connected to Mumbai by the state of the art Mumbai-Pune Expressway as well is connected to the rest of the country by rail and air. Pune is well-connected to other cities by Indian highways and state highways. National Highway 4 (NH 4) connects it to Mumbai and Bangalore. An estimated 13,900 trucks enter in its TSL every month.

- **Ballarpur Paper Industries (Coal Mines)**

Ballarpur is a city and a municipal council in Chandrapur district in the state of Maharashtra, India. Balharshah is also a semi road transport hub. The state highway that passed through Balharshah considerably cuts the time to travel from Nagpur to Hyderabad. There are many transport companies based in Balharshah. The town came in limelight after the Thapar Group established their kingship paper factory. NH-7 passes through Ballarpur Paper Industries (Coal Mines) and an estimated 5,228 trucks enters in its TSLs every month.

- **Nagpur Wadi**

Nāgpur is the largest city in central India and the second capital of the state of Maharashtra. Nagpur lies in central India with Zero mile markers, (indicating the geographical center of India) located here. Nagpur is strategically important as it is situated at the cross-roads of India's North-South and East-West routes by road, rail and air. NH-6 passes through Nagpur TSL and an estimated 4455 trucks enter in its TSL in a month.

- **Pune TELCO**

Pune is well-connected to other cities by Indian highways and state highways. National Highway 4 (NH 4) connects it to Mumbai and Bangalore. AN estimated 2446 trucks enter in its TSL in a month.

- **Kolhapur**

Kolhapur is a city situated in the south west corner of Maharashtra, India. Kolhapur has one of the highest per-capita income for a city in India. Trade is mostly dependent on farming of cash crops like sugarcane, the metal industry with important inputs from textiles and mining. NH-4 passes through Kolhapur TSL and an estimated 2216 trucks enter in its TSL every month.

- **Jalgaon / Malegaon Sagar Transport Nagar**

Jalgaon is a city in western India, to the north of the Maharashtra state in Jalgaon District. The city is well developed with good roads, transport infrastructure etc. NH-6 passes through Jalgaon / Malegaon Sagar Transport Nagar. An estimated 1525 trucks enter in its TSL every month.

- **Nagpur Pardi Naka (Kalapana)**

Nagpur is strategically important as it is situated at the cross-roads of India's North-South and East-West routes by road, rail and air. NH-7 passes through Nagpur TSL and an estimated 1,649 trucks enter in its TSL

- **Aurangabad Waluj (Industrial Area)**

Aurangabad is one of the most important districts of Maharashtra with a rich historical background. Agriculture is the leading contributor to Aurangabad's economy and cotton, bajara, jowar and wheat are the chief crops grown in the district. NH-7 passes through Aurangabad Waluj (Industrial Area) and an estimated 1585 trucks enter in its TSL in a month.

- **Nasik 8 No. Naka/Nasik Naka**

Nashik District, occupying an area of 15530 sq km, lies between 18°33 and 20°53 North latitude and between 73°16 and 75°16 East Longitude. Bajra and paddy are important crops. Manufacturing sugar, dairy and poultry, carpet weaving share the economic map of the district in sharp contrast with large-scale industries and even the IT sector. NH-3 passes through it and an estimated 913 trucks enter in its TSL in a month.

- **Solapur**

Solapur is a district in the state of Maharashtra in India. The district is located in the south eastern part of the state and is situated by the Bhima river. Solapur is transport hub connecting Maharashtra, Karnataka and Andhra Pradesh and is linked with places like Akola, Amravati, Nagpur, Mumbai, Kolhapur, Ratnagiri and Nasik. NH-1 passes through the city and an estimated 371 trucks enter in its TSL.

- **Raigarh Nava Sheva J.N.P.T.**

NH-1 passes by Raigarh Nava Sheva J.N.P.T. An estimated 29500 trucks enter in Raigarh Nava Sheva J.N.P.T. every month.

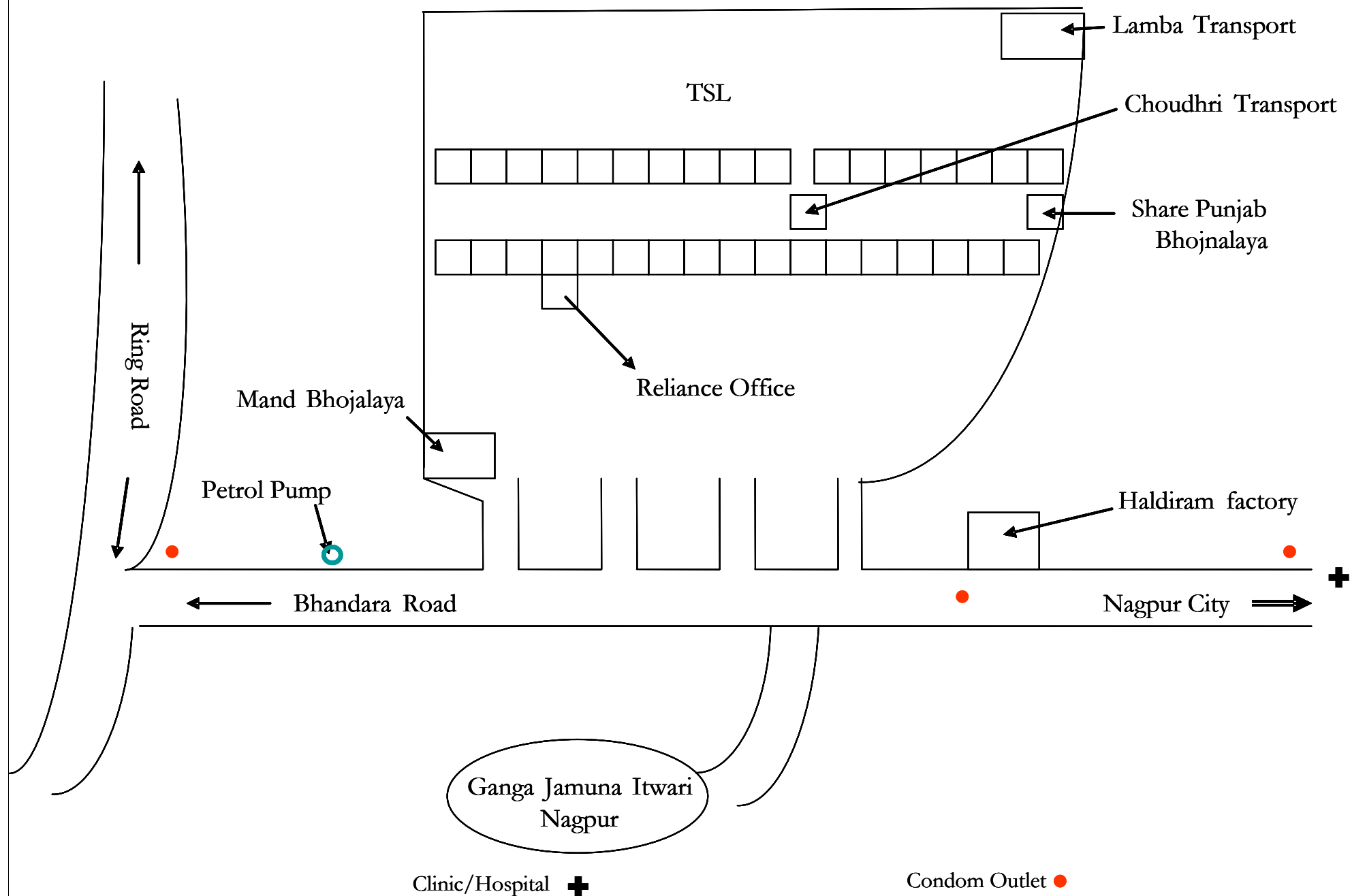
- **Raigarh Kalamboli**

NH-1 passes by Raigarh Kalamboli. An estimated 43200 trucks enter in Raigarh Kalamboli every month.

Snapshot of Maharashtra TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Raigarh Kalamboli	43200	127872	35100	103896
Raigarh Nava Sheva J.N.P.T.	29500	82010	24900	69222
Pune Nigdhi Transport Nagar	13900	34889	10500	26355
Ballarpur Paper Industries (Coal Mines)	5228	15318	5132	15037
Nagpur Nagpur Wadi	4455	13098	4455	13098
Pune TELCO	2446	6335	2010	5206
Kolapur	2216	5473	1330	3285
Jalgaon / Malegaon Sagar Transport Nagar	1525	4087	856	2293
Nagpur Pardi Naka (Kalapana)	1649	3660	1641	3644
Aurangabad Waluj (Industrial Area)	1585	3393	1579	3380
Nasik 8 No. Naka/Nasik Naka	913	2291	710	1782
Sholapur	371	1094	269	795

Pardi Naka



Trans-shipment Location Profile	
Name of TSL : City	Nagpur Pardi Naka (Kalapana)
Nearest NH	007
Approximate no. of Brokers	77
Peak Month	February, March & April
Association or NGO Present	Yes
Most frequented Route	Madhya Pradesh - Mahrastra
% of drivers/cleaners staying for more than a day in this TSL	22%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	243
Trucks per months	7,280
Truck to Trucker ratio	2.2
LDT per month (99.5%)	7,244

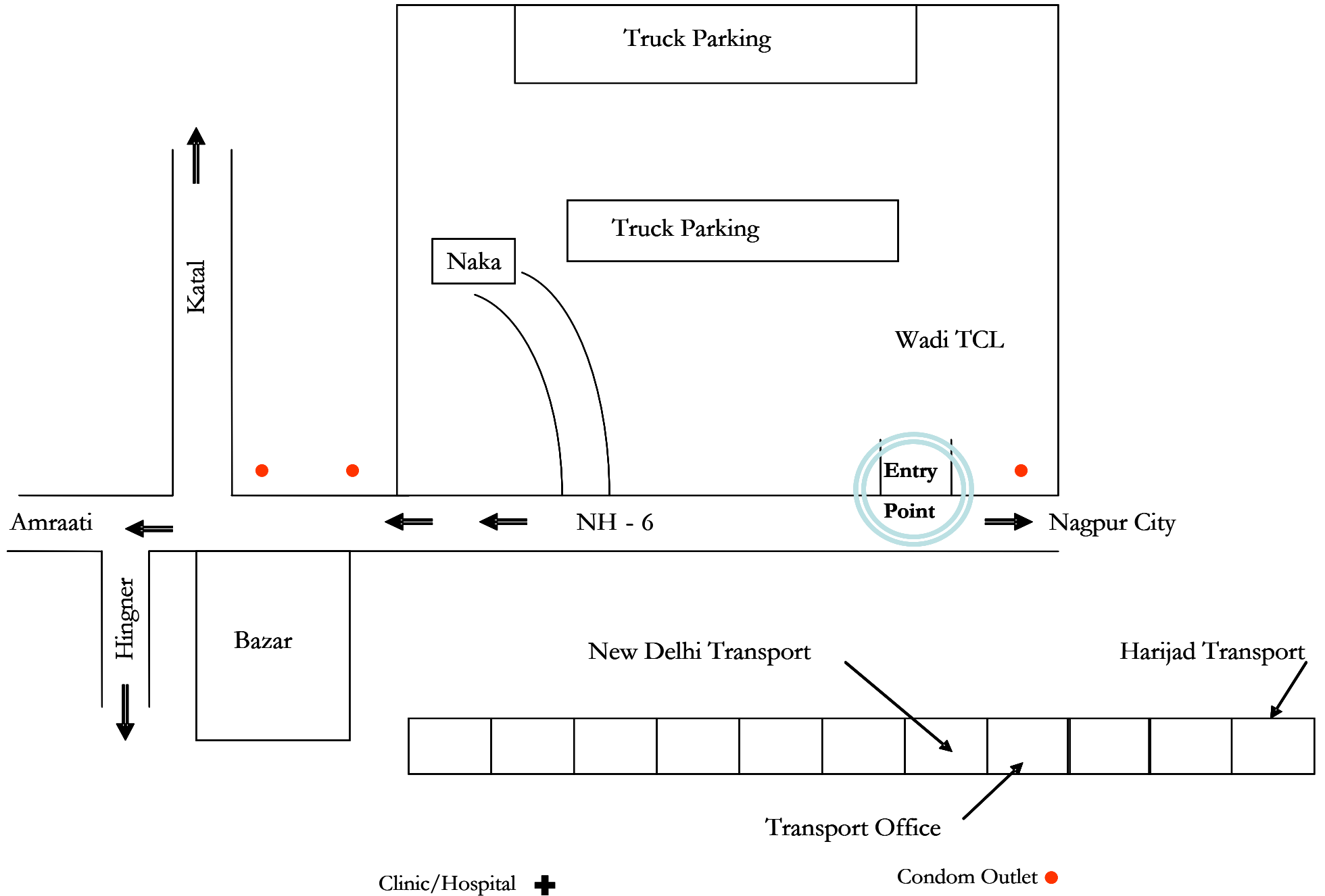
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 20% Enroute - 4%
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 19.0% Non-Commercial - 95.2%
Usage of Condom while having sex in last three months	Always- 5% Sometimes- 36% Never- 60%
Participation in trucker welfare activities	3% Street Plays 2% Film Shows

Unique Trucks per Month	1,649
Unique Truckers per month	3,660
Unique Long Distance Trucks per Month	1,641
Unique Long Distance Truckers per Month	3,644

Snapshot of NGO present in the TSL

- ❖ **Indian Institute of Youth Welfare (NGO) and Nagpur Trucker Unity** (Association) is functional in Nagpur Pardi Naka. This NGO was incepted in 1978.
- ❖ For NGO Mrs Megha Pathkar, Project Co-coordinator (Project Kavach) was contacted. Mr Kukku Marwah, President of the Association, was contacted.
- ❖ The NGO primarily works in area of youth development. The association, on the other hand, also works on HIV/AIDS issues for drivers and eye check up camps. The NGO has been doing these activities under the banner of Khushi clinic since 2004. They have been instrumental in the awareness of STI, HIV/AIDS among truckers and diagnosis and treatment on STI, condom promotion etc.
- ❖ Mrs Pathkar says, "Spreading awareness on HIV/AIDS is important among truck drivers as it is a high risk group and presence of STI among truckers is 25%."
- ❖ In general truckers work under hazardous conditions and have unsafe sex along the highways.
- ❖ The institute & association are willing to participate in implementing any programmes initiated by the government. However Mrs Pathkar would only involve herself if the activity is based in Nagpur and after June 2009.

Wadi Naka Nagpur



Trans-shipment Location Profile	
Name of TSL : City	Nagpur Wadi
Nearest NH	006
Approximate no. of Brokers	27
Peak Month	March, April & June
Association or NGO Present	Yes
Most frequented Route	Madhya Pradesh – Maharashtra
% of drivers/cleaners staying for more than a day in this TSL	2.9%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	693
Trucks per months	20780
Truck:Trucker	2.9
LDT per month (100%)	20780

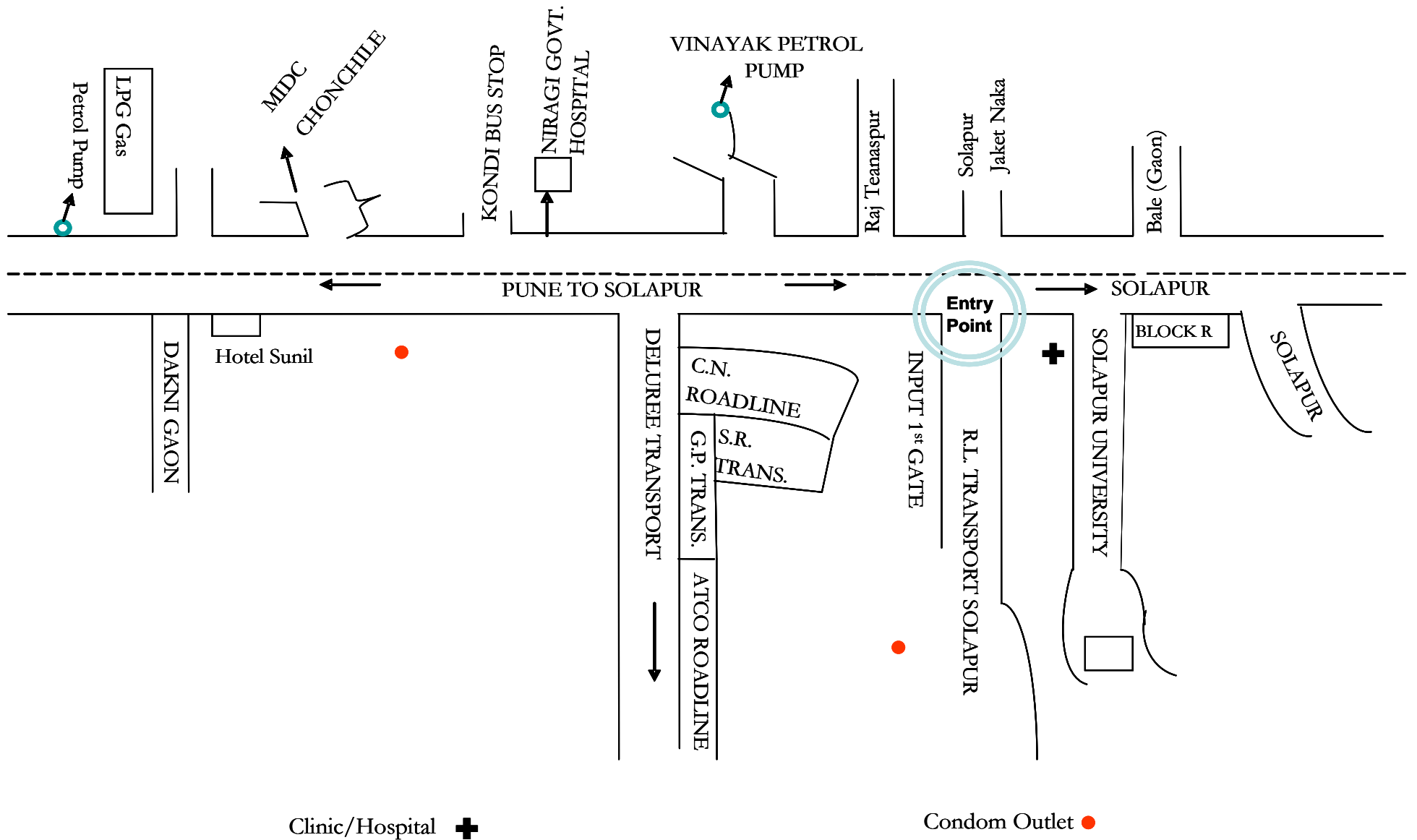
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 42% Enroute - None
% of truckers who had sexual intercourse in last 3 months	80%
Type of partners you have had sex in last three months	Commercial - 47.5% Non-Commercial - 95.0%
Usage of Condom while having sex in last three months	Always- 10% Sometimes- 45% Never- 45%
Participation in trucker welfare activities	18% Street Plays 12% Distribution of Condoms

Unique Trucks per Month	4455
Unique Truckers per month	13098
Unique Long Distance Trucks per Month	4455
Unique Long Distance Truckers per Month	13098

Snapshot of NGO present in the TSL

- ❖ **Indian Institute of Youth Welfare (NGO)** is functional in Nagpur Pardi Naka. This NGO was incepted in 1978.
- ❖ For NGO Mrs Megha Pathkar, Project Co-coordinator (Project Kavach) was contacted.
- ❖ The NGO primarily works in area of youth development. The association, on the other hand, also works on HIV/AIDS issues for drivers and eye check up camps. The NGO has been doing these activities under the banner of Khushi clinic since 2004. They have been instrumental in the awareness of STI, HIV/AIDS among truckers and diagnosis and treatment on STI, condom promotion etc.
- ❖ Mrs Pathkar says, "Spreading awareness on HIV/AIDS is important among truck drivers as it is a high risk group and presence of STI among truckers is 25%."
- ❖ In general truckers work under hazardous conditions and have unsafe sex along the highways.
- ❖ The institute is willing to participate in implementing any programmes initiated by the government. However Mrs Pathkar would only involve herself if the activity is based in Nagpur and after June 2009.

Sholapur - URL Transport Kandi



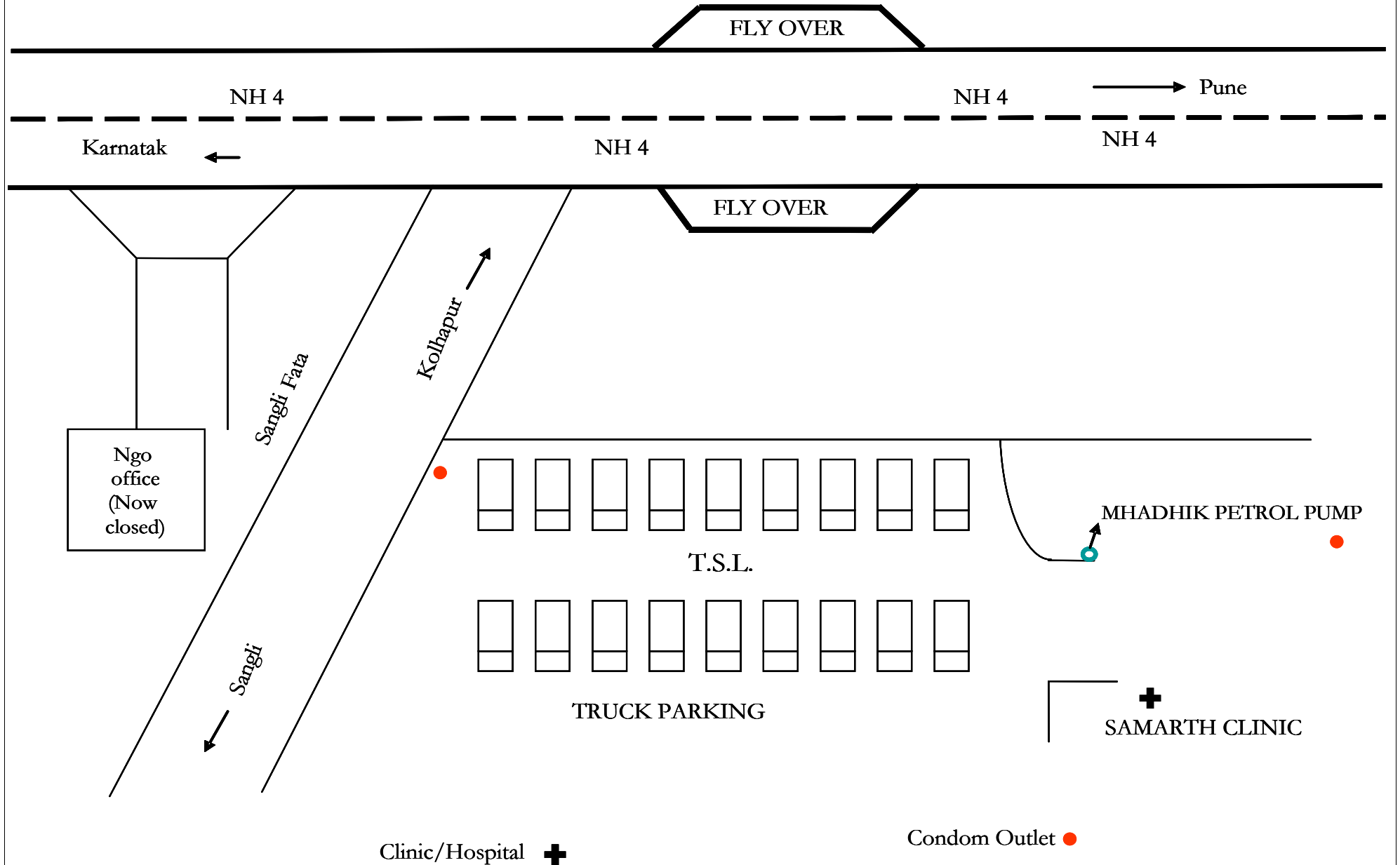
Trans-shipment Location Profile	
Name of TSL : City	Sholapur
Nearest NH	001
Approximate no. of Brokers	4
Peak Month	September, October & November
Association or Unions Present	No
Most frequented Route	Within Maharastra
% of drivers/cleaners staying for more than a day in this TSL	4.5%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	94
Trucks per months	2820
Truck:Trucker	3.0
LDT per month (37.8%)	1066

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 2% Enroute - 2%
% of truckers who had sexual intercourse in last 3 months	92%
Type of partners you have had sex in last three months	Commercial - 0% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 2% Sometimes- 0% Never- 98%
Participation in trucker welfare activities	2% Trucker Utsav 20% Street Play

Unique Trucks per Month	371
Unique Truckers per month	1094
Unique Long Distance Trucks per Month	269
Unique Long Distance Truckers per Month	795

Kolhapur - Madhik Petrol Pump



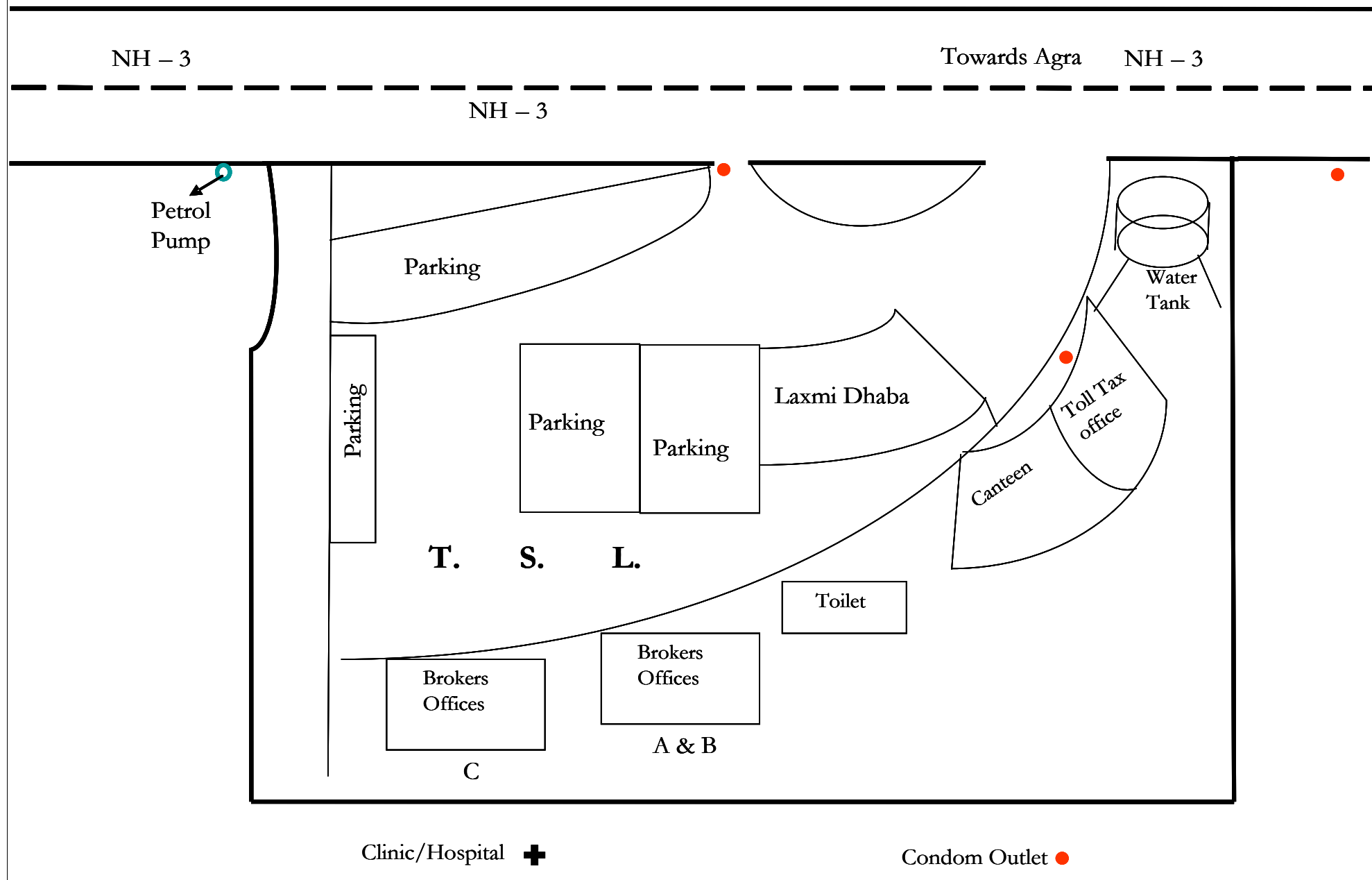
Trans-shipment Location Profile	
Name of TSL : City	Kolapur
Nearest NH	004
Approximate no. of Brokers	180
Peak Month	February, May & June
Association or Unions Present	No
Most frequented Route	Within Maharastra
% of drivers/cleaners staying for more than a day in this TSL	19.2%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	352
Trucks per months	10560
Truck:Trucker	2.5
LDT per month (49%)	5174

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 16% Enroute - 26%
% of truckers who had sexual intercourse in last 3 months	64%
Type of partners you have had sex in last three months	Commercial - 31.2% Non-Commercial - 68.8%
Usage of Condom while having sex in last three months	Always- 34% Sometimes- 16% Never- 50%
Participation in trucker welfare activities	7% NGOs Providing Medical Services 5% Street Plays

Unique Trucks per Month	2216
Unique Truckers per month	5473
Unique Long Distance Trucks per Month	1330
Unique Long Distance Truckers per Month	3285

Nasik Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Nasik 8 No. Naka/ Nasik Naka
Nearest NH	003
Approximate no. of Brokers	13
Peak Month	February, March & April,
Association or Unions Present	No
Most frequented Route	Within Maharastra
% of drivers/cleaners staying for more than a day in this TSL	76%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	77
Trucks per months	2320
Truck:Trucker	2.5
LDT per month (64.5%)	1496

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 18% Enroute - 24%
% of truckers who had sexual intercourse in last 3 months	90%
Type of partners you have had sex in last three months	Commercial - 30.4% Non-Commercial - 84.8%
Usage of Condom while having sex in last three months	Always- 15% Sometimes- 15% Never- 70%
Participation in trucker welfare activities	25% Trucker Utsav 28% Free Health Check Up camps

Unique Trucks per Month	913
Unique Truckers per month	2291
Unique Long Distance Trucks per Month	710
Unique Long Distance Truckers per Month	1782

Ballarshah

Nirkari
Transport

New Sona
Transport

Waheguru
Transport

Ballarpur
Transport

← Chandrapur

Exit
Point

Entry
Point

⇒ Rajura

Bawa
Transport

← Bawa Sailani
Transport

↙ Chadda Transport

↖ Ballarshah City

T S L

↙ Jan Mahakali
Transport

Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Ballarpur Paper Industries (Coal Mines)
Nearest NH	007
Approximate no. of Brokers	9
Peak Month	March, April & May
NGO Present	Yes
Most frequented Route	Madhya Pradesh - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	None
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	800
Trucks per months	24,000
Truck:Trucker	2.9
LDT per month (98%)	23,520

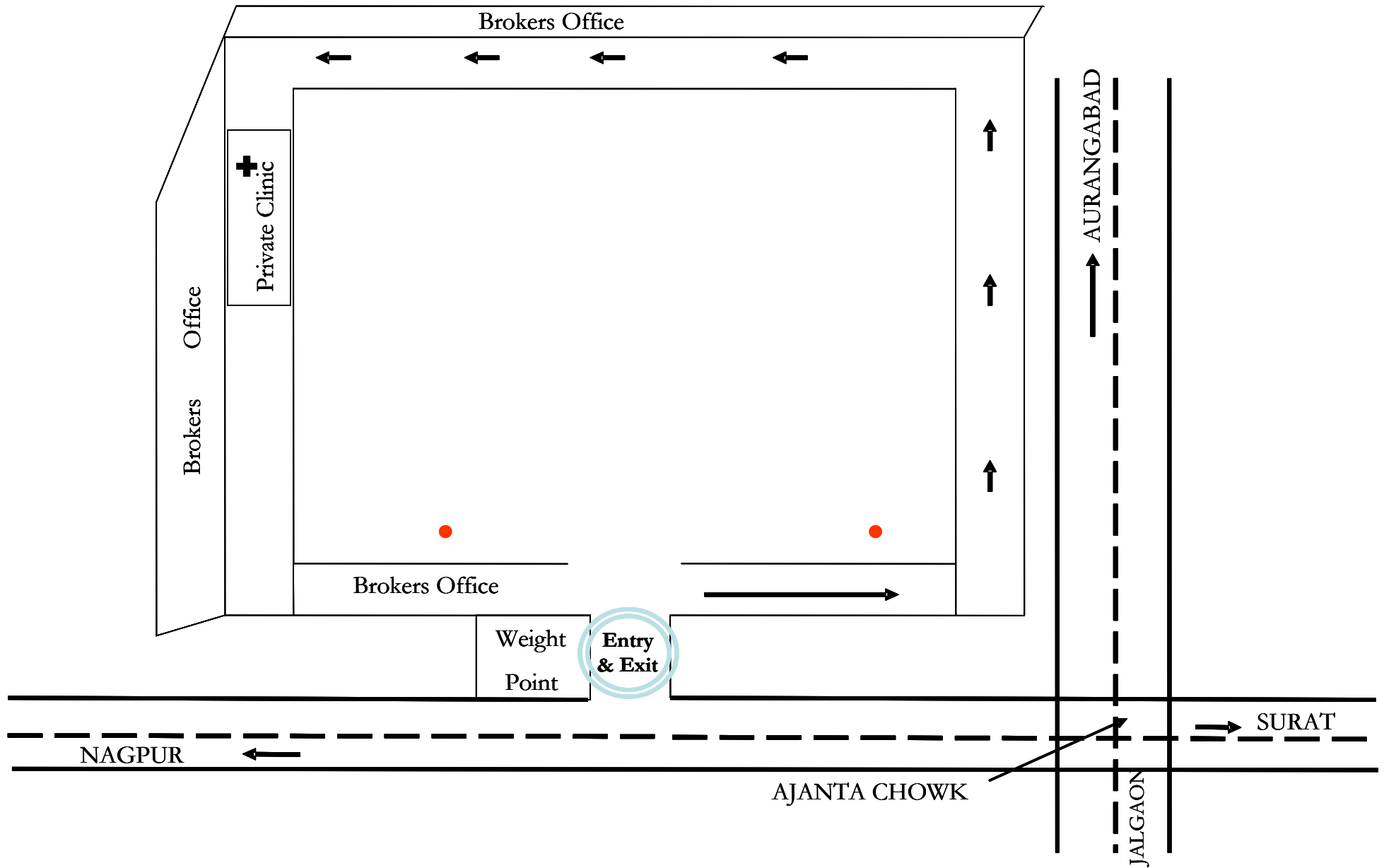
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 22% Enroute - 6%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial - 24.4% Non-Commercial - 97.6%
Usage of Condom while having sex in last three months	Always- 7% Sometimes- 20% Never- 73%
Participation in trucker welfare activities	20% NGOs Providing Medical services 12% Distribution of Condoms

Unique Trucks per Month	5,228
Unique Truckers per month	15,318
Unique Long Distance Trucks per Month	5,132
Unique Long Distance Truckers per Month	15,037

Snapshot of NGO present in the TSL

- ❖ **Lions Club** is functional in Nagpur Pardi Naka. This NGO was incepted in 1997.
- ❖ Mr L.R. Mundhada, President of the association was contacted.
- ❖ The club had organized eye check up camps and free spectacles were distributed to people having free specs. Blood donation camps were organized and certificate was given to all the donors. They also work for flood affected people
- ❖ From 7 years back we helped truck driver to get the learning and permanent license and made them aware on the issues which were important for them to pay attention to.
- ❖ The President also said, "60% of truckers drink liquor and once they get drunk they wish for more sex"
- ❖ The club is willing to support any governmental initiative for trucker welfare.

Transport Nagar Jalgaon



Clinic/Hospital +

Condom Outlet ●

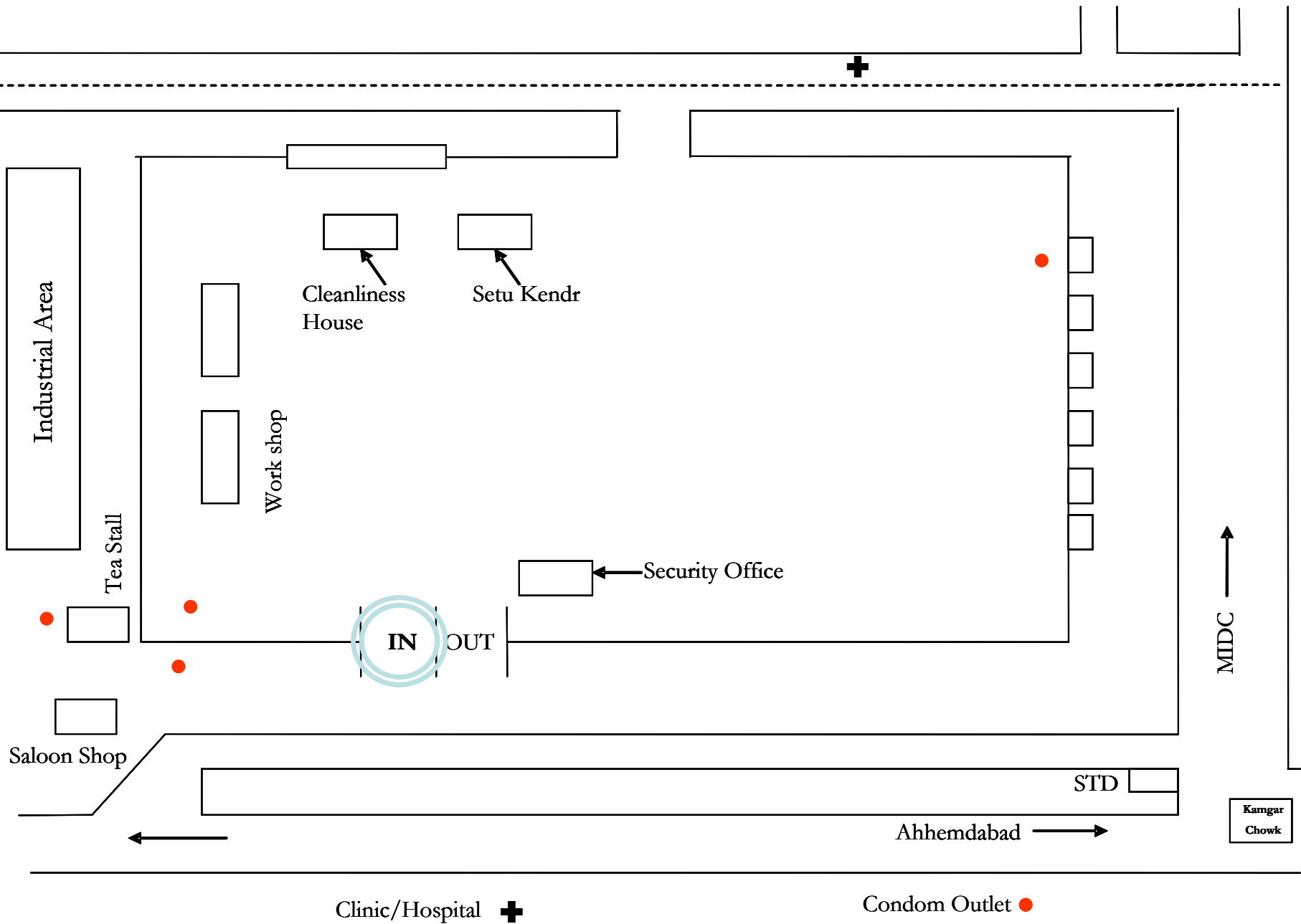
Trans-shipment Location Profile	
Name of TSL : City	Jalgaon / Malegaon Sagar Transport Nagar
Nearest NH	006
Approximate no. of Brokers	44
Peak Month	January, November & December
Association or Unions Present	No
Most frequented Route	Within Maharastra
% of drivers/cleaners staying for more than a day in this TSL	35.9%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	135
Trucks per months	4040
Truck:Trucker	2.7
LDT per month (48.2%)	1947

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 8% Enroute - 4%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 15.4% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 23% Sometimes- 41% Never- 36%
Participation in trucker welfare activities	35% Trucker Utsav 18% Distribution of Condoms 19% Street Plays

Unique Trucks per Month	1525
Unique Truckers per month	4087
Unique Long Distance Trucks per Month	856
Unique Long Distance Truckers per Month	2293

Kamgar Chowk MIDC Waluj



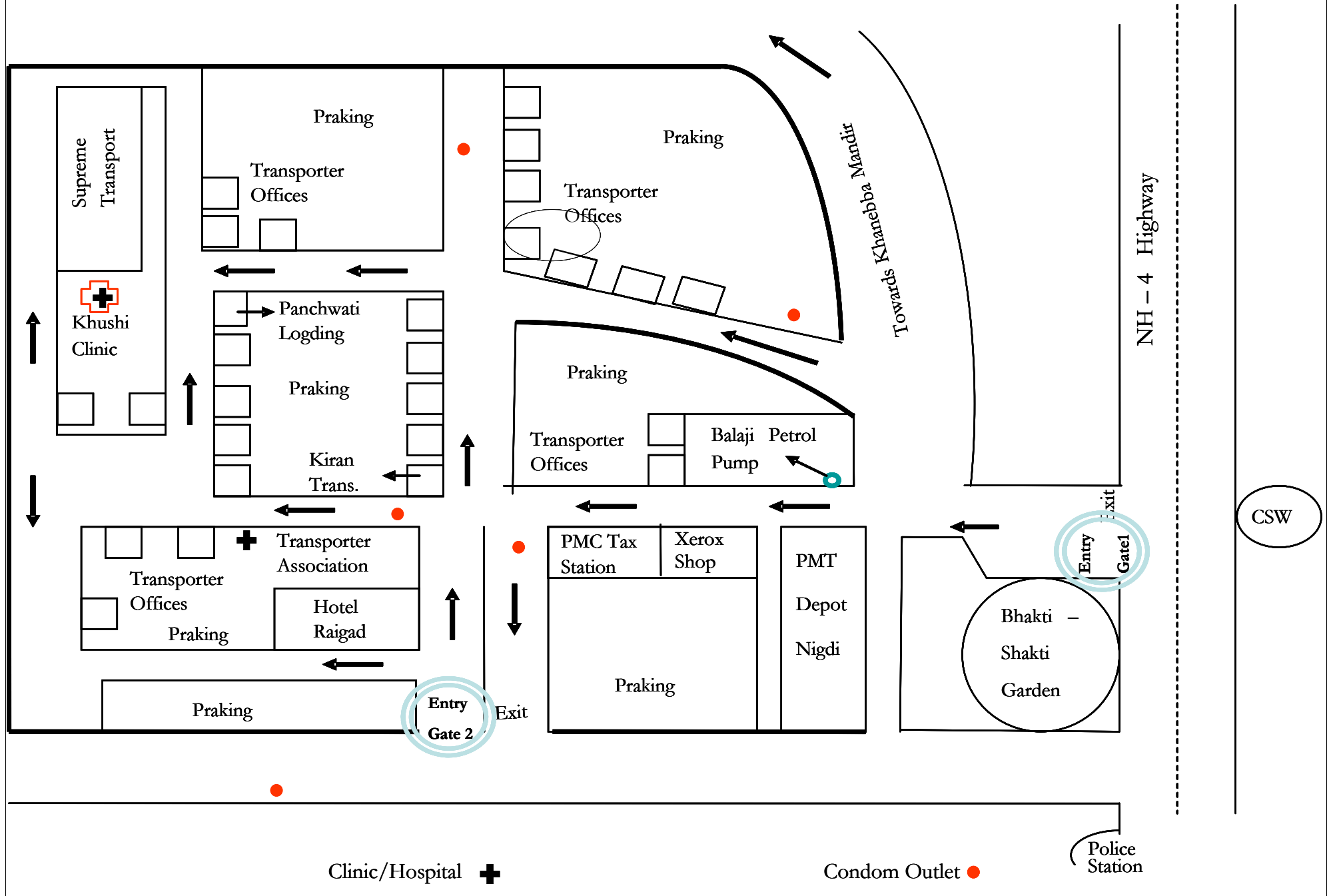
Trans-shipment Location Profile	
Name of TSL : City	Aurangabad Waluj (Industrial Area)
Nearest NH	007
Approximate no. of Brokers	57
Peak Month	January, February & October
Association or Unions Present	No
Most frequented Route	Haryana – Maharastra & Madhya Pradesh - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	68.3%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	123
Trucks per months	3700
Truck:Trucker	2.1
LDT per month (99.5%)	3682

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 2% Enroute - 4%
% of truckers who had sexual intercourse in last 3 months	92%
Type of partners you have had sex in last three months	Commercial - 19.6% Non-Commercial - 95.7%
Usage of Condom while having sex in last three months	Always- 17% Sometimes- 50% Never- 33%
Participation in trucker welfare activities	3% Health Camps 1% Group Discussion

Unique Trucks per Month	1585
Unique Truckers per month	3393
Unique Long Distance Trucks per Month	1579
Unique Long Distance Truckers per Month	3380

Pune Nigdi Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Pune Nigdhi Transport Nagar
Nearest NH	004
Approximate no. of Brokers	426
Peak Month	February, March & April
Association or NGO Present	Yes
Most frequented Route	Haryana - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	92.5%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	1,079
Trucks per months	32,360
Truck to Trucker ratio	2.5
LDT per month (71.7%)	23,202

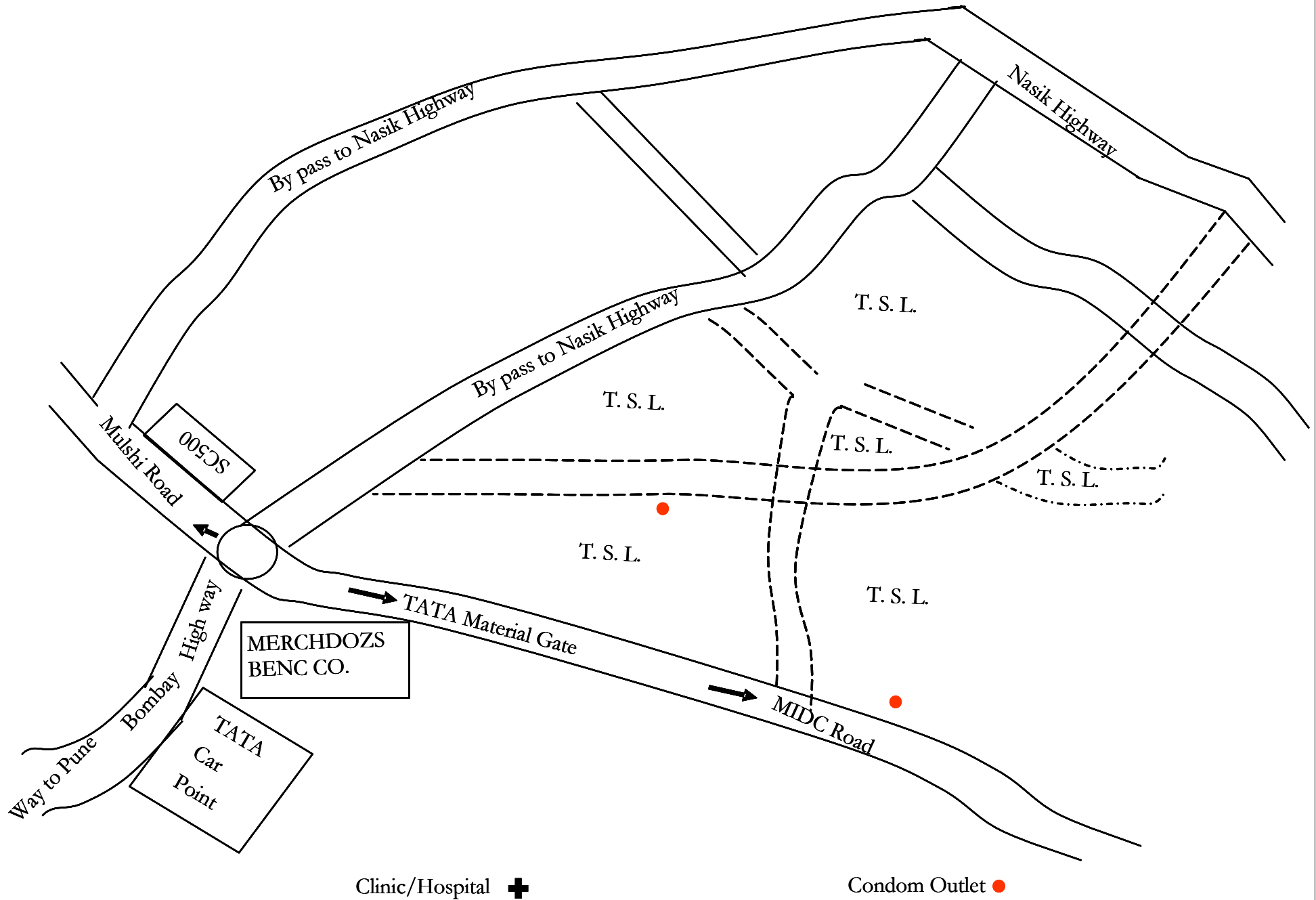
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 26% Enroute - 30%
% of truckers who had sexual intercourse in last 3 months	70%
Type of partners you have had sex in last three months	Commercial - 71.4% Non-Commercial - 62.9%
Usage of Condom while having sex in last three months	Always- 54% Sometimes- 23% Never- 23%
Participation in trucker welfare activities	41% Group Discussion 44% Street Plays 36% Health Exhibitions

Unique Trucks per Month	13,900
Unique Truckers per month	34,889
Unique Long Distance Trucks per Month	10,500
Unique Long Distance Truckers per Month	26,355

Snapshot of NGO present in the TSL

- ❖ **Sevadham Trust (Khushi Clinic)** is functional in Nagpur Pardi Naka. This NGO was incepted in 1997.
- ❖ Mr Manish Kathode, Counselor of the association was contacted.
- ❖ The NGO primarily work in the areas of STI awareness & prevention
- ❖ Mr Kathode said, "Truckers are not educated. If the trucker is transmitted by HIV then he spreads this in local society. So truckers are high risk population"
- ❖ The association is willing to support any governmental initiative for trucker welfare.

Telco Transport Nagar



Clinic/Hospital +

Condom Outlet ●

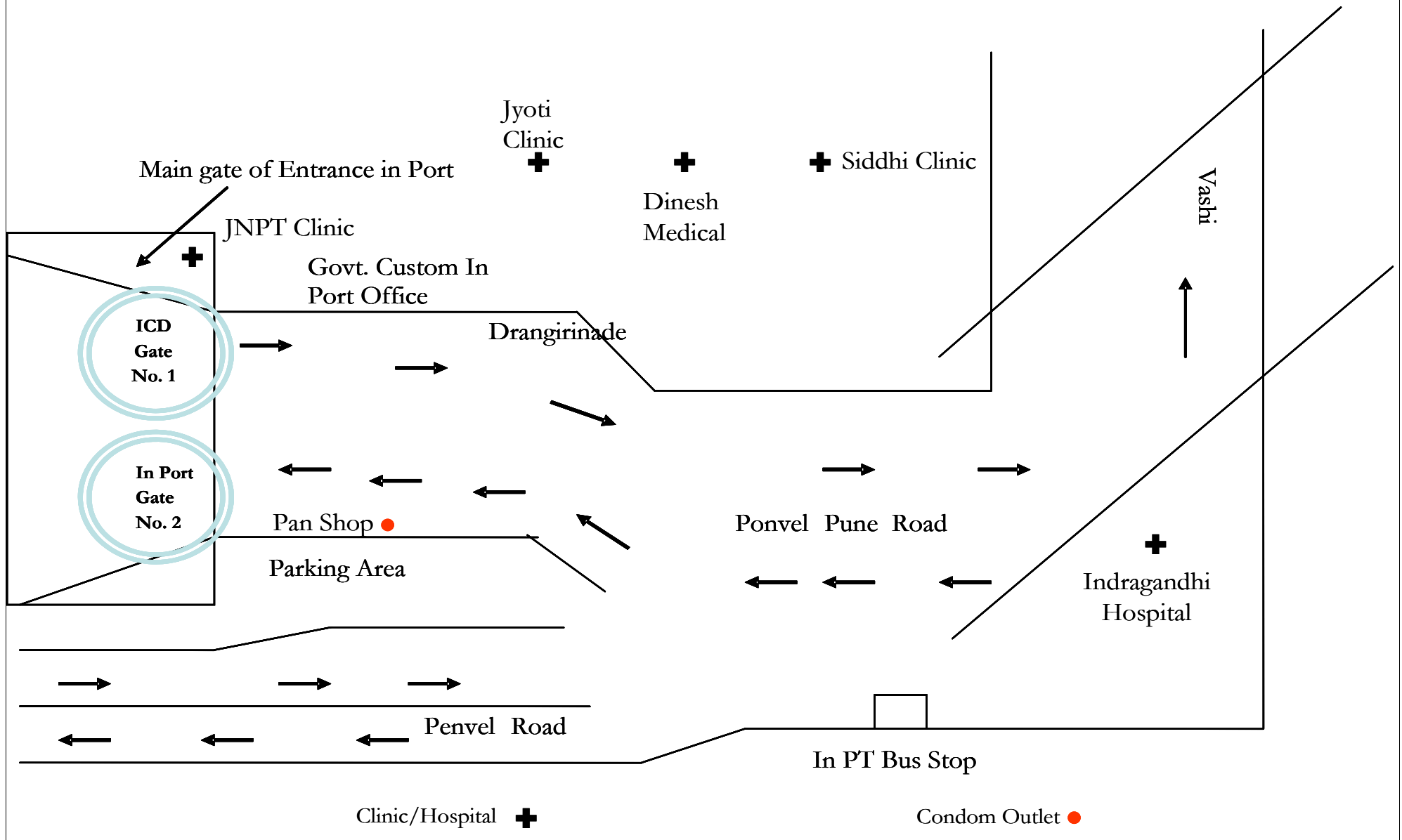
Trans-shipment Location Profile	
Name of TSL : City	Pune TELCO
Nearest NH	004
Approximate no. of Brokers	200
Peak Month	February, March
Association or Unions Present	No
Most frequented Route	Haryana - Maharashtra
% of drivers/cleaners staying for more than a day in this TSL	90.7%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	189
Trucks per months	5670
Truck:Trucker	2.6
LDT per month (76.8%)	4355

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 36% Enroute - 56%
% of truckers who had sexual intercourse in last 3 months	74%
Type of partners you have had sex in last three months	Commercial - 56.8% Non-Commercial - 89.2%
Usage of Condom while having sex in last three months	Always- 11% Sometimes- 46% Never- 43%
Participation in trucker welfare activities	35% Counseling Services regarding Health Services 41% Group Discussion 36% Health Exhibitions

Unique Trucks per Month	2446
Unique Truckers per month	6335
Unique Long Distance Trucks per Month	2010
Unique Long Distance Truckers per Month	5206

INPT Nave Sheva



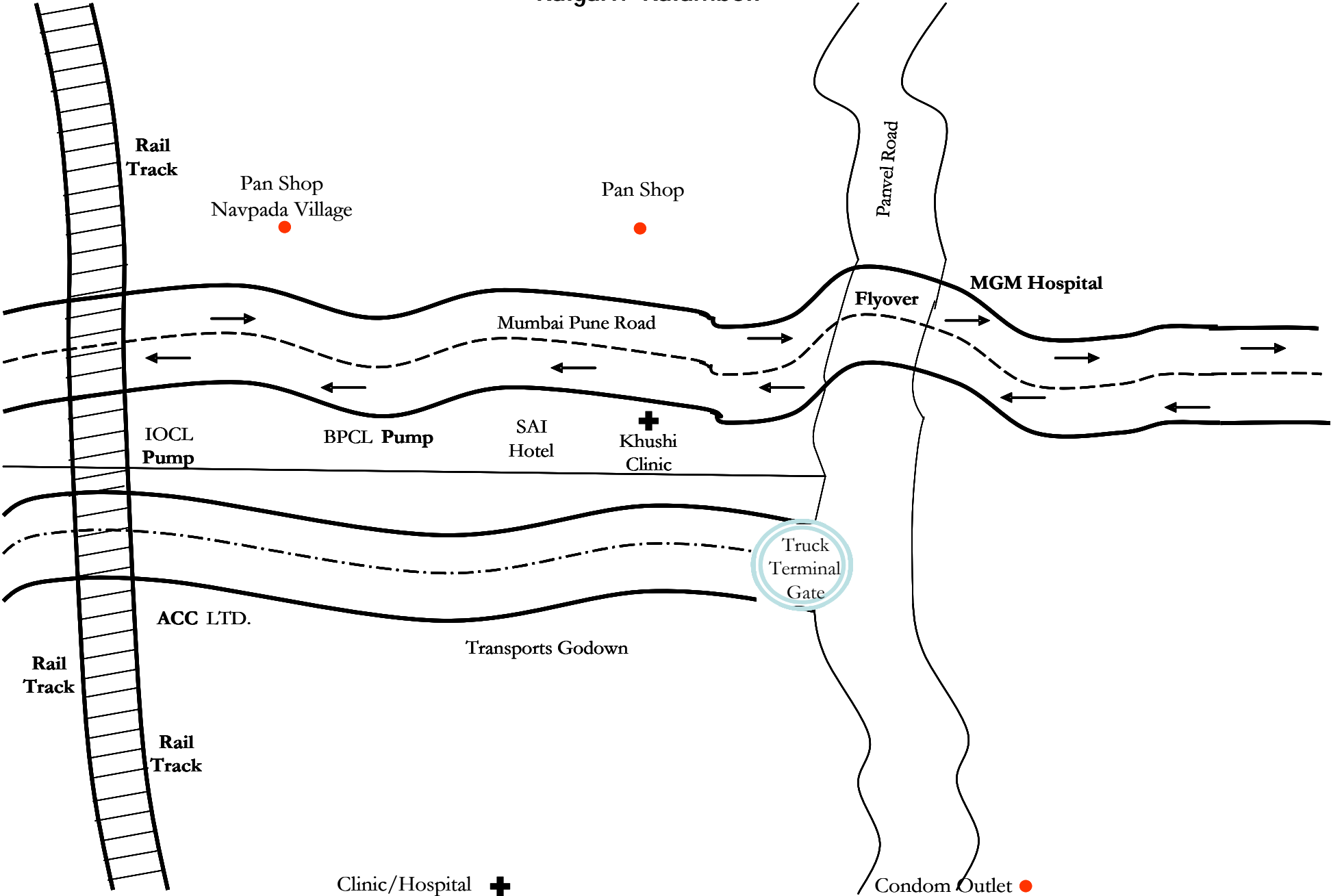
Trans-shipment Location Profile	
Name of TSL : City	Raigarh Nava Sheva J.N.P.T.
Nearest NH	004
Approximate no. of Brokers	3
Peak Month	January, May & November
Association or Unions Present	No
Most frequented Route	Haryana - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	2.7%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	2792
Trucks per months	83750
Truck:Trucker	2.8
LDT per month (67.6%)	56615

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 6% Enroute - 10%
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 17.6% Non-Commercial - 96.1%
Usage of Condom while having sex in last three months	Always- 22% Sometimes- 6% Never- 73%
Participation in trucker welfare activities	5% NGOs Providing Medical Services 2% Health Camps

Unique Trucks per Month	29500
Unique Truckers per month	82010
Unique Long Distance Trucks per Month	24900
Unique Long Distance Truckers per Month	69222

Raigarh Kalamboli



Trans-shipment Location Profile	
Name of TSL : City	Raigarh Kalamboli
Nearest NH	004
Approximate no. of Brokers	14
Peak Month	January, May & November
Association or Unions Present	No
Most frequented Route	Madhya Pradesh - Maharstra
% of drivers/cleaners staying for more than a day in this TSL	1.5%
Availability of Health Facility in/around TSL	Yes (NGOs)Yes (Khushi clinic)

Mantab of trucks per day	5079
Trucks per months	152360
Truck:Trucker	3.0
LDT per month (71.6%)	109090

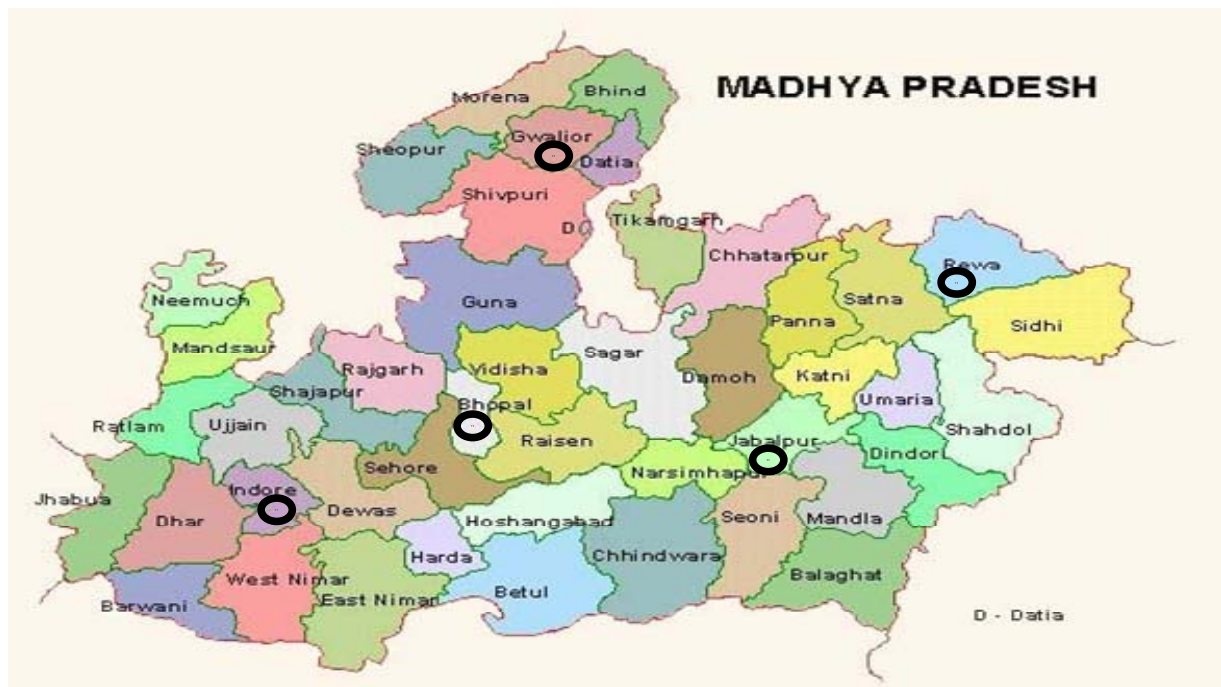
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 10% Enroute - None
% of truckers who had sexual intercourse in last 3 months	76%
Type of partners you have had sex in last three months	Commercial - 76.3% Non-Commercial - 94.7%
Usage of Condom while having sex in last three months	Always- 3% Sometimes- 87% Never- 11%
Participation in trucker welfare activities	3% Health Exhibitions 5% Film Shows

Unique Trucks per Month	43200
Unique Truckers per month	127872
Unique Long Distance Trucks per Month	35100
Unique Long Distance Truckers per Month	103896

Maharastra TSLs at a glance ...

- Out of 10 TSLs selected from Maharashtra, the TSLs of Kolapur, Pune Nigdhi Transport Nagar and Pune TELCO lie on NH-4, (Chennai-Mumbai Highway – South-West route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral and Nagpur Pardi Naka (Kalapana), Ballarpur Paper Industries (Coal Mines) and Aurangabad Waluj (Industrial Area) lie on NH-7.
- Kolapur TSL also touches NH-17 and NH-50 passes through Pune.
- NH-6 also passes through Nagpur TSL which further touches the states of Chhattisgarh and Orissa.
- In the time frame of 24 hours, an estimated 1,079 trucks enter in Pune Nigdhi Transport Nagar. This implies that an estimated 32,360 trucks enter in Pune Nigdhi Transport Nagar per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Maharashtra.
- An estimated 99.5% long distance trucks enter in the TSL of Nagpur Pardi Naka (Kalapana) every month and at the same time it has also been observed that the same percentage of (99.5%) long distance trucks also make an entry in the Aurangabad Waluj (Industrial Area) TSL every month.
- Pune Nigdhi Transport Nagar has been categorized high priority TSL center with 34889 unique truckers.
- It can be observed that the availability of condoms in each TSL despite of that the percentage of non users of condoms was found very high in some of the TSL as in Nagpur Pardi Naka (Kalapana) TSL (60%), Sholapur TSL (98%) Kolapur TSL (50%) Ballarpur Paper Industries (Coal Mines) (73%).
- Three TSLs have the existence of NGO/Union i.e. Pune Nigdhi Transport Nagar, Ballarpur Paper Industries (Coal Mines) Nagpur Wadi and Nagpur Pardi Naka (Kalapana). The NGO in the TSL of Nagpur Wadi works on HIV/AIDS issues for drivers and eye check up camps under the banner of Khushi clinic since 2004. They have been instrumental in the awareness of STI, HIV/AIDS among truckers and diagnosis and treatment on STI, condom promotion etc
- An overwhelming majority of the truckers (93%) interviewed in Maharashtra TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In TSLs in Maharashtra, 28% of the truckers felt that they were at risk of getting infected with HIV.

STATE 16: MADHYA PRADESH



Topography

Madhya Pradesh is a state in central India. Its capital is Bhopal. Madhya Pradesh was originally the largest state in India until November 1, 2000 when the state of Chhattisgarh was carved out. It borders the states Uttar Pradesh, Chhattisgarh, Maharashtra, Gujarat and Rajasthan.

Economic

Madhya Pradesh's gross state domestic product for 2004 is estimated at \$32 billion in current prices. After partition, the new Madhya Pradesh state produces about 70% of the output of the old Madhya Pradesh state - the rest is produced by Chhattisgarh.

TSL Mapping Exercise

In Madhya Pradesh seven sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Madhya Pradesh and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Indore Dewas Naka**

Indore, the largest city and the commercial capital of the central Indian state of Madhya Pradesh. The city is well connected via rail, road and air transport services. Indore is well connected to other parts of Madhya Pradesh and India through national and state highways. National Highway No. 3 (NH3 - Mumbai Agra) passes through Indore Dewas Nagar TSL. An estimated 20300 trucks enter in its TSL every month.

- **Gwalior Harishankarpuram**

Gwalior is a city in Madhya Pradesh and is fairly well connected to other parts of Madhya Pradesh and India with national and state highways. The Agra-Bombay national highway (NH3) passes through Gwalior. The city is connected to the Jhansi by the National Highway 75, towards the south of the city. In the Northern, the city is connected to Mathura via NH-3. An estimated 5,059 enters in Gwalior TSL in a month.

- **Indore Mechanic Nagar**

National Highway No. 3 (NH3 - Mumbai Agra) and NH-59 - Indore Ahmedabad passes through Indore Mechanic Nagar TSL. An estimated 4373 trucks enter in Indore Mechanic Nagar TSLs in a month.

- **Jabalpur**

Jabalpur is one of the largest city of Madhya Pradesh. The economy of Jabalpur primarily revolves around the Ordnance Factory and the Defence establishments. Jabalpur is well connected to Nagpur, Bhopal, Allahabad and Jaipur . NH-7 (Varanasi-Kanyakumari) passes through the city and estimated 3768 trucks enter in its TSL every month.

- **Rewa**

Rewa is one of the important districts of Madhya Pradesh and has a great potential as a tourist hub with its historical reminiscences and forest resources. NH-7 passes through Rewa TSL and an estimated 2,706 trucks enter the TSL in a month.

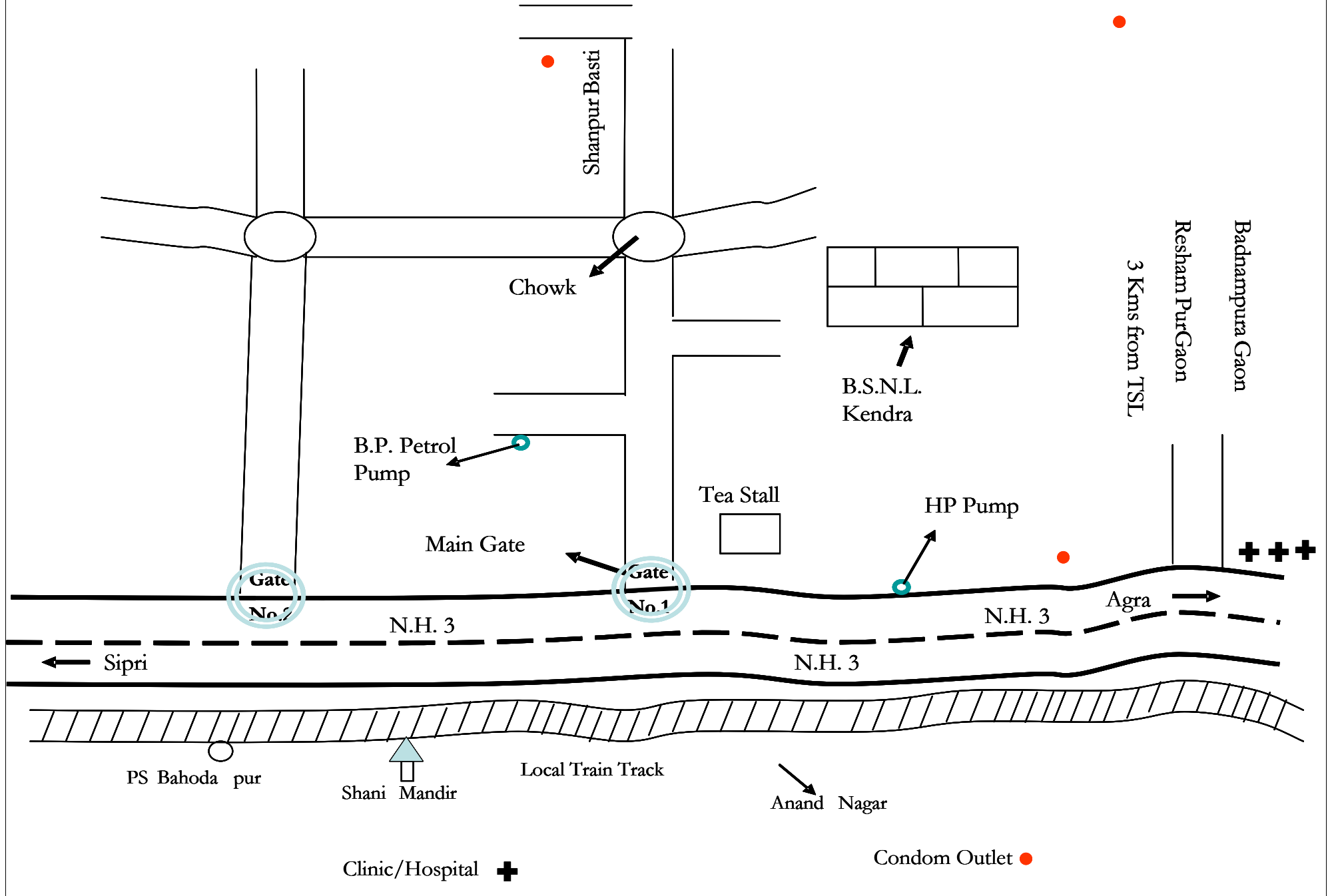
- **Bhopal Ashoka Garden**

Bhopal is the second largest city in Madhya Pradesh after Indore. The major industries in the old city are electrical goods, cotton, chemicals and Jewellery. NH 12 passes through Bhopal which connects it to Jabalpur in the East and Jaipur in the West. An estimated 719 trucks enter in Bhopal Ashoka Garden TSL evry month.

Snapshot of Madhya Pradesh TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Indore Dewasnaka	20300	43036	13500	28620
Gwalior Harishankarpuram	5059	14875	3262	9589
Indore Mechanic Nagar	4373	10975	2589	6497
Jabalpur	3768	8176	2163	4694
Rewa	2706	6088	933	2100
Bhopal Ashoka Garden	719	1992	313	867

Gwalior Shankarpur Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Gwalior Harishankarpuram
Nearest NH	003
Approximate no. of Brokers	300
Peak Month	September, October & November
Association and Union Present	Yes
Most frequented Route	Delhi – Madhya Pradesh
% of drivers/cleaners staying for more than a day in this TSL	26.5%
Availability of Health Facility in/around TSL	Yes

Mantab of trucks per day	614
Trucks per months	18,410
Truck:Trucker	2.9
LDT per month (50.5%)	9,297

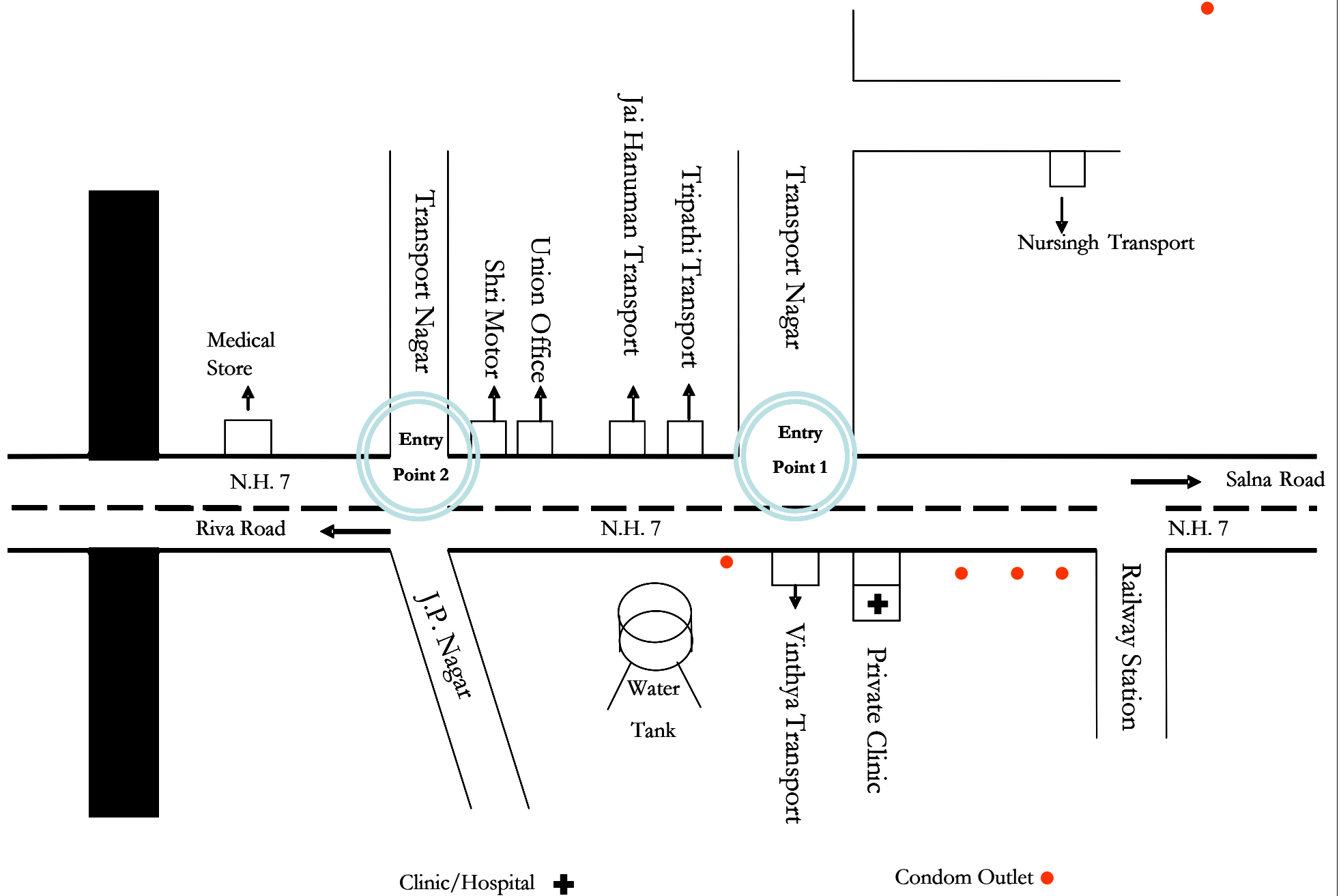
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – 34% Enroute – 32%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial – 38.3% Non-Commercial – 100.0%
Usage of Condom while having sex in last three months	Always- 9% Sometimes- 57% Never- 34%
Participation in trucker welfare activities	3% Trucker Utsav 3% Distribution of Condoms

Unique Trucks per Month	5,059
Unique Truckers per month	14,875
Unique Long Distance Trucks per Month	3,262
Unique Long Distance Truckers per Month	9,589

Snapshot of Union present in the TSL

- ❖ **Gwalior Transport truck Operator Union** is functional in Gwalior Transport Nagar. This association was incepted in 2004.
- ❖ Mr Palvinder Singh, General Secretary of the association was contacted.
- ❖ This association works transporters looking after the administrative issues on their behalf.
- ❖ The association also organizes meetings and takes up the issues and concerns of transporters.
- ❖ According to the Secretary, “awareness of HIV/AIDS amongst truck drivers is important to save them from deadly disease.”
- ❖ According to the association, truckers often face problems like police harassment, at R.T.O and sometimes with general public as well.
- ❖ They have already planned activities as their future course of action to solve problems.

Rewa Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Rewa
Nearest NH	007
Approximate no. of Brokers	5
Peak Month	January & February
Association Present	Yes
Most frequented Route	Within Madhya Pradesh
% of drivers/cleaners staying for more than a day in this TSL	18.2%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	517
Trucks per months	15,520
Truck:Trucker	2.3
LDT per month (18.7%)	2,902

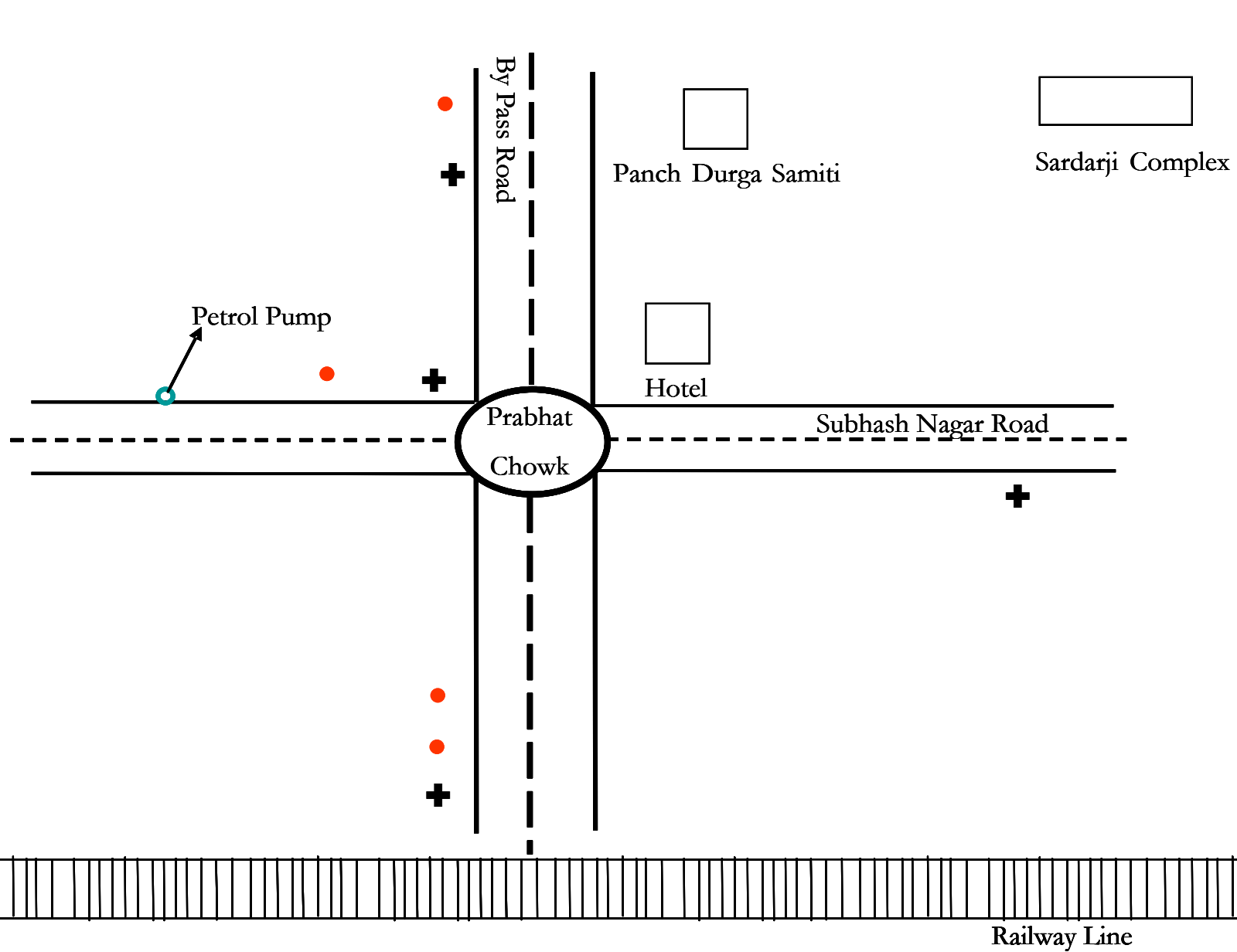
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 33.3% Non-Commercial - 93.8%
Usage of Condom while having sex in last three months	Always- 6% Sometimes- 42% Never- 52%
Participation in trucker welfare activities	6% Health Camps 7% Distribution of Condoms

Unique Trucks per Month	2,706
Unique Truckers per month	6,088
Unique Long Distance Trucks per Month	9,33
Unique Long Distance Truckers per Month	2,100

Snapshot of Association present in the TSL

- ❖ Rewa truck Transport Association is functional in Rewa. This association was incepted in 2004-2005.
- ❖ Mr Mahendra Singh, President of the association was contacted.
- ❖ This association works for truck drivers, transporters and for general public as well.
- ❖ The association has previously organized tree plantation programmes, city improvements and arrangement of water facilities. .
- ❖ According to the President, "spreading awareness on HIV/AIDS is essential as there is lack of education."
- ❖ In general truckers face problems like no freights available, problem of loading and unloading, break down of vehicles etc.
- ❖ The association wishes to put up blood donations camps in future.

Subhash Nagar Road Transport Nagar Road Bhopal



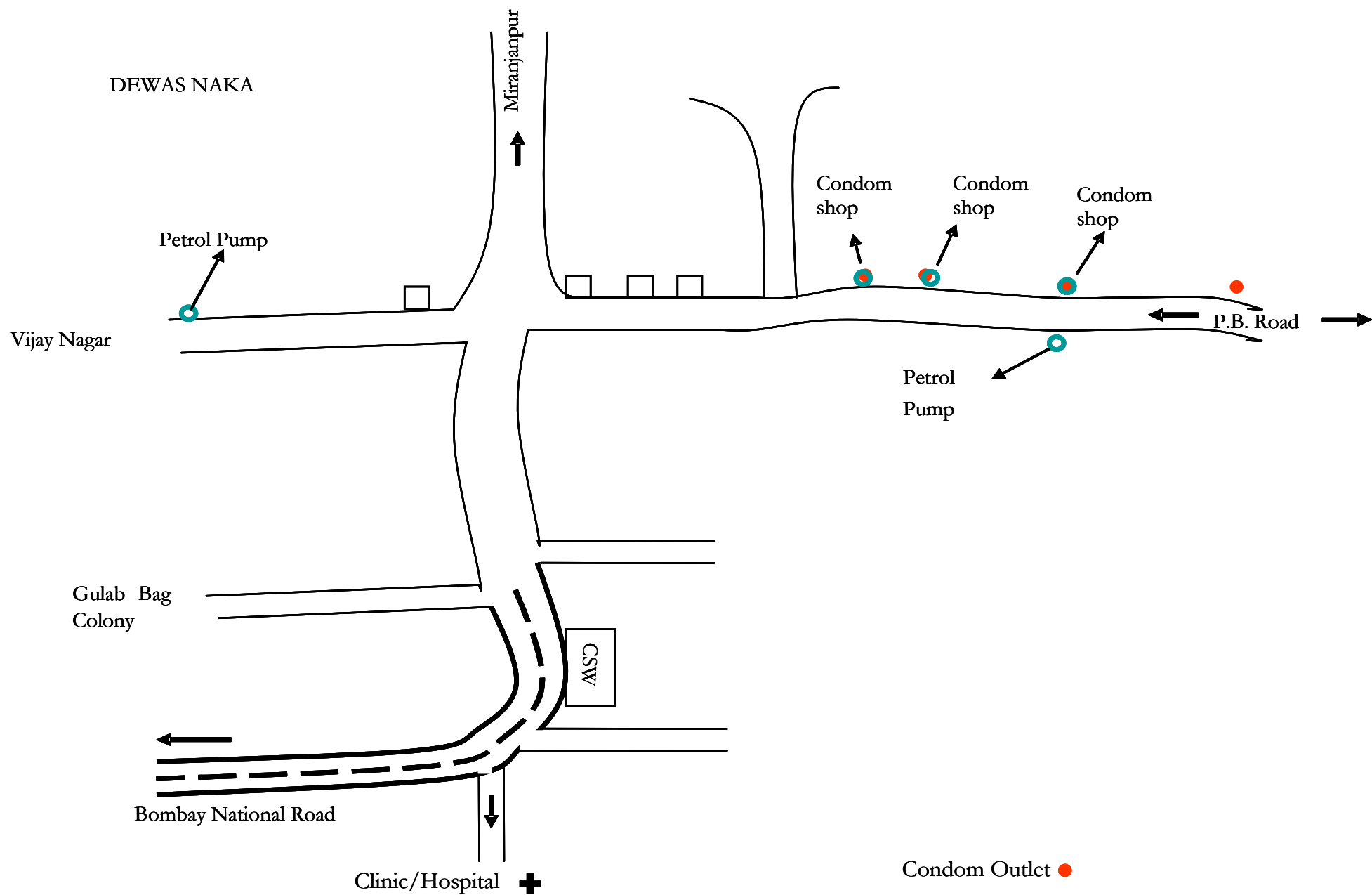
Trans-shipment Location Profile	
Name of TSL : City	Bhopal Ashoka Garden
Nearest NH	012
Approximate no. of Brokers	17
Peak Month	March, October & November
Association or Unions Present	No
Most frequented Route	Within Madhya Pradesh
% of drivers/cleaners staying for more than a day in this TSL	28.8%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	123
Trucks per months	3,680
Truck to Trucker ratio	2.8
LDT per month (29.3%)	1,078

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 2% Enroute - 6%
% of truckers who had sexual intercourse in last 3 months	75%
Type of partners you have had sex in last three months	Commercial - 18.4% Non-Commercial - 92.1%
Usage of Condom while having sex in last three months	Always- 26% Sometimes- 45% Never- 29%
Participation in trucker welfare activities	6% NGOs Providing Medical Services 2% Health Camps

Unique Trucks per Month	719
Unique Truckers per month	1,992
Unique Long Distance Trucks per Month	313
Unique Long Distance Truckers per Month	867

Dewas Naka Indore



Trans-shipment Location Profile	
Name of TSL : City	Indore Dewas Naka
Nearest NH	NH-003
Approximate no. of Brokers	150
Peak Month	January & February
NGOs, Association or Unions Present	No
Most frequented Route	Madhya Pradesh – Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	57.2%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	2944
Trucks per months	88310
Truck:Trucker	2.1
LDT per month (56.6%)	49983

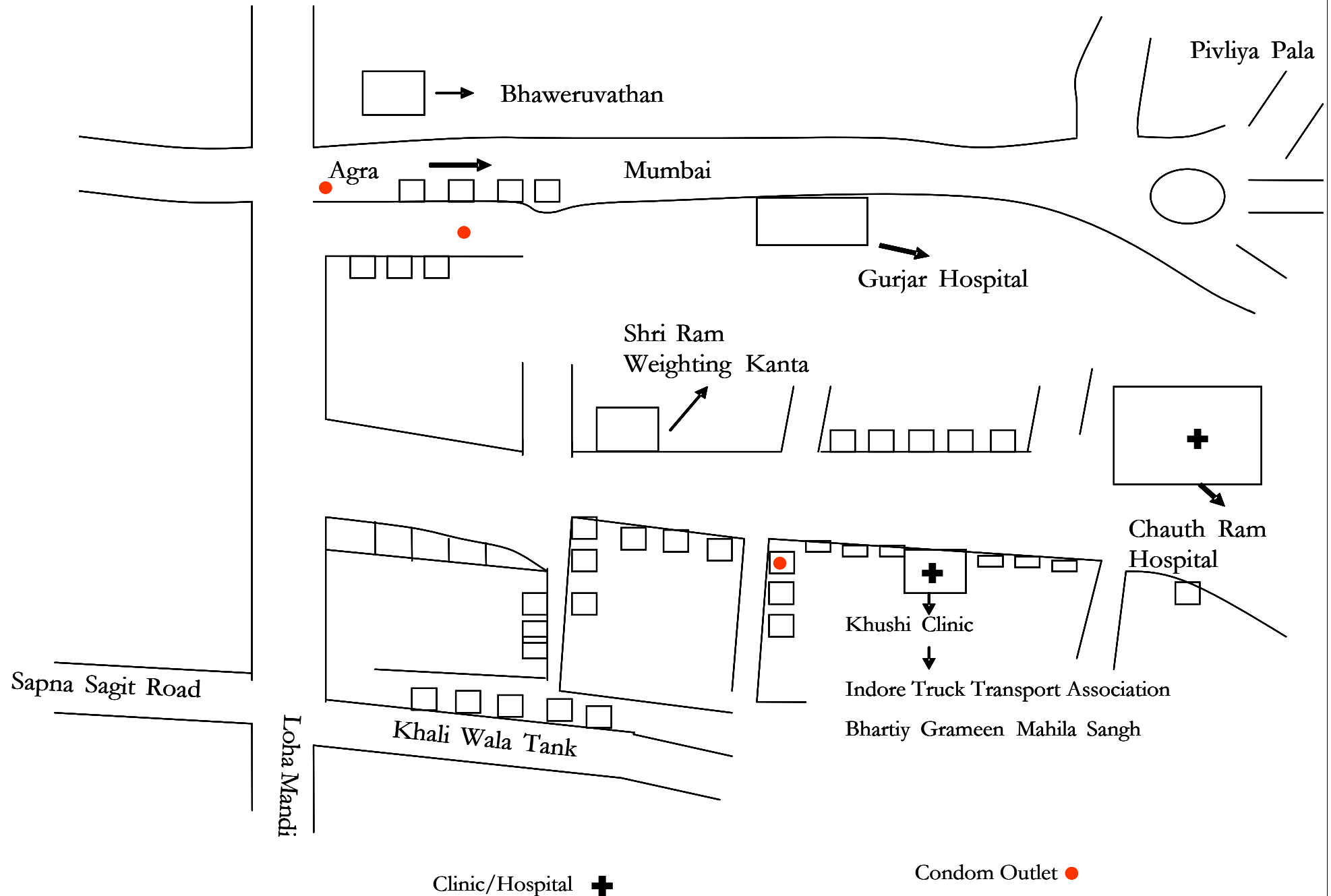
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 4% Enroute - 26%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 56.4% Non-Commercial - 53.8%
Usage of Condom while having sex in last three months	Always- 36% Sometimes- 56% Never- 8%
Participation in trucker welfare activities	38% Trucker utsav 28% Distribution of Condoms 28% Stree Play

Unique Trucks per Month	20300
Unique Truckers per month	43036
Unique Long Distance Trucks per Month	13500
Unique Long Distance Truckers per Month	28620

Snapshot of Association present in the TSL

- ❖ Dewas Naka Transport Union is functional in Indora Dewas Naka. This association was incepted in 1965.
- ❖ Mr Roshan Lal, Member of the association was contacted.
- ❖ This association helps the truckers in case of emergency such as accident etc...
- ❖ However the association has not organized any special programmes for truck drivers.
- ❖ According to the Mr. Lal, "It is necessary because these people remain out of resident / home long time.."
- ❖ According to the association, truckers often face problems like police harassment, at R.T.O and sometimes with general public as well.

Indore



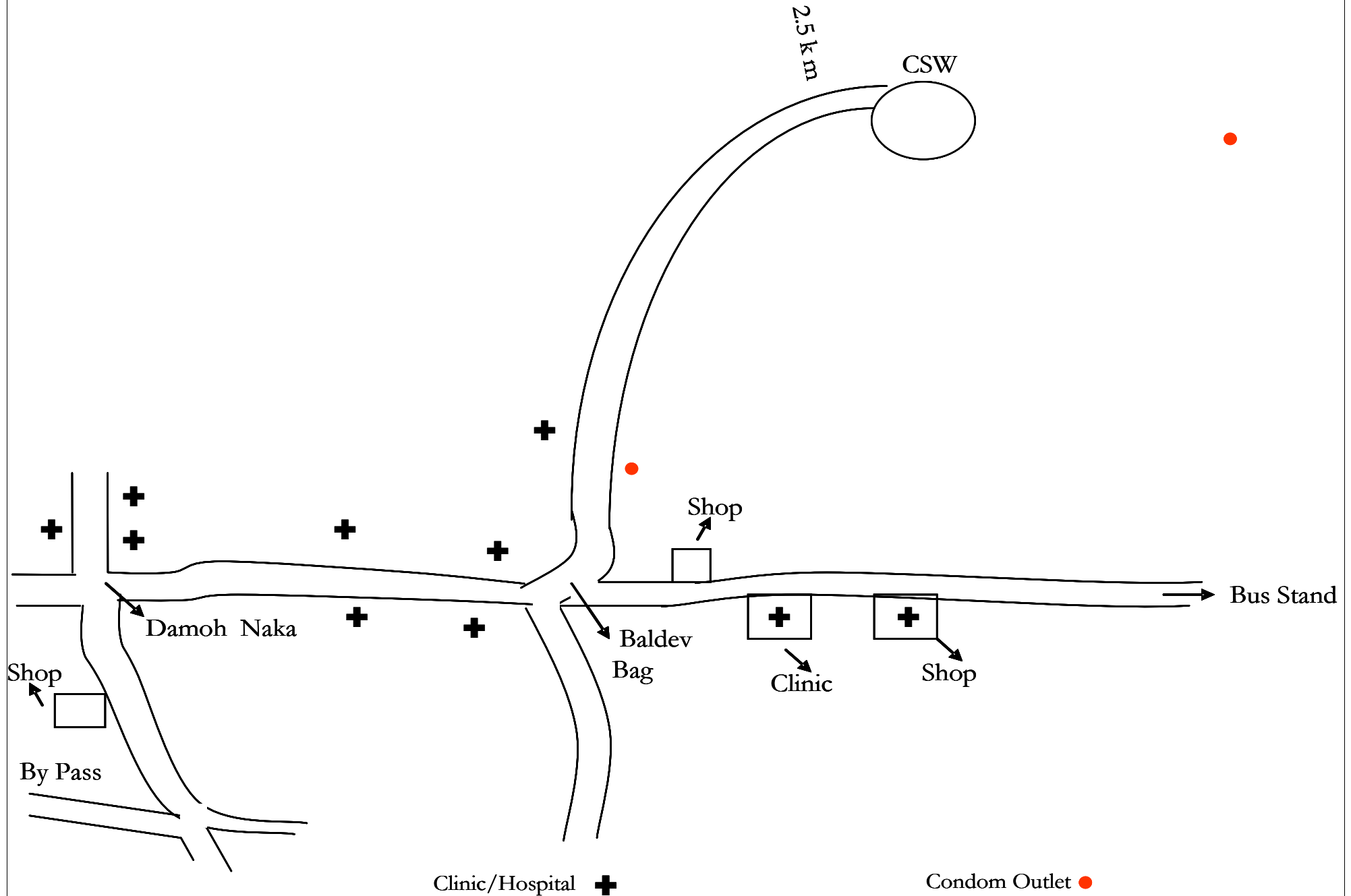
Trans-shipment Location Profile	
Name of TSL : City	Transport Nagar Indore Mechanic Nagar
Nearest NH	NH - 003
Approximate no. of Brokers	450
Peak Month	October & November
NGOs, Association or Unions Present	No
Most frequented Route	Madhya Pradesh - Maharashtra
% of drivers/cleaners staying for more than a day in this TSL	26%
Availability of Health Facility in/around TSL	Yes (Khushi clinic)

Mantab of trucks per day	609
Trucks per months	18270
Truck:Trucker	2.5
LDT per month (54%)	9866

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 8% Enroute - 8%
% of truckers who had sexual intercourse in last 3 months	80%
Type of partners you have had sex in last three months	Commercial - 90.0% Non-Commercial - 27.5%
Usage of Condom while having sex in last three months	Always- 20% Sometimes- 40% Never- 40%
Participation in trucker welfare activities	16% Street Play 14 % Trucker utsav 6% Distribution of Condoms

Unique Trucks per Month	4373
Unique Truckers per month	10975
Unique Long Distance Trucks per Month	2589
Unique Long Distance Truckers per Month	6497

Damoh Naka Jabalpur



Trans-shipment Location Profile	
Name of TSL : City	Damoh Naka Jabalpur
Nearest NH	NH-007
Approximate no. of Brokers	175
Peak Month	January & February
Association or Unions Present	Yes
Most frequented Route	Within Madhya Pradesh
% of drivers/cleaners staying for more than a day in this TSL	33%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)
Mantab of trucks per day	690
Trucks per months	20710
Truck:Trucker	2.2
LDT per month (40.7%)	8429

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 38% Enroute - 6%
% of truckers who had sexual intercourse in last 3 months	92%
Type of partners you have had sex in last three months	Commercial - 6.5% Non-Commercial - 100%
Usage of Condom while having sex in last three months	Always- 4% Sometimes- 70% Never- 26%
Participation in trucker welfare activities	46% counseling services regarding health issues 32% Free Health Check up Camps 30% Group Discussions on health issues

Unique Trucks per Month	3768
Unique Truckers per month	8176
Unique Long Distance Trucks per Month	2163
Unique Long Distance Truckers per Month	4694

Snapshot of Association present in the TSL

- ❖ **Jabalpur Transport Association** is functional in Jabalpur. This association was incepted in 1988.
- ❖ Mr Gulab Yadav, President of the association was contacted.
- ❖ This association helps the truckers in solving there business & personal problems & they also fund the marriage of poor people daughters.
- ❖ They also arrange meeting for truck operator, truck drivers & discuss the problem face by them.
- ❖ According to the Mr. Yadav, "Organizing HIV /AIDS Camps among the truck drivers is important because e they remain away from family for long time and do sex on the way anywhere and don't know how to use condom."
- ❖ In future the association plans to meet AITC and discuss the problems they face.

Madhya Pradesh TSLs...

- Seven TSLs have been selected from the state of Madhya Pradesh. Out of those the TSLs of Damoh Naka Jabalpur and Rewa lie on NH-7. Damoh Naka Jabalpur also touches NH-12 and NH-26, Rewa also touches NH-75.
- In the time frame of 24 hours, an estimated 2944 trucks enter in Indore Dewasnaka TSL. This implies that an estimated 88310 trucks enter in Indore Dewasnaka TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Gujarat.
- An estimated 56.6% long distance trucks enter in the TSL of Indore Dewasnaka every month.
- Indore Dewasnaka has been rated among the high priority TSL center with 43036 unique truckers.
- The non-availability of condom has only been observed in Bhopal Ashoka Garden TSL whereas the situation has been found opposite in all the remaining TSLs of Madhya Pradesh.
- It has been observed that the high percentage of non users of condoms is in Rewa TSL (52%) where there is accessibility of condoms and at the same time the distribution of condoms by the local NGOs.
- Unions have been located in four of the TSLs of Madhya Pradesh (Gwalior Harishankarpuram, Rewa, Indore Dewas Naka and Damoh Naka Jabalpur) during the survey which has been observed the fact that none of the union was into any activity associated to HIV/AIDS.
- A vast majority of the truckers (87%) interviewed in Madhya Pradesh TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In TSLs of Madhya Pradesh, 71% of the truckers felt that they were at risk of getting infected HIV.

STATE 17: MUMBAI



Topography

Mumbai is the capital of Maharashtra and the financial capital of India. With an estimated population of thirteen million, it is the second most populous city in the world. Along with the neighbouring suburbs of Navi Mumbai and Thane, it forms, at nineteen million, the world's fifth most populous metropolitan area. Mumbai lies on the west coast of India and has a deep natural harbour. Mumbai's port handles over half of India's maritime cargo.

Economy

Mumbai serves as an important economic hub of the country, contributing 10% of all factory employment, 40% of all income tax collections, 60% of all customs duty collections, 20% of all central excise tax collections, 40% of India's foreign trade and Rs. 40 billion (US\$ 840 million) in corporate taxes. Mumbai's per-capita income is Rs. 48,954 (US\$ 1,030) which is almost three times the national average. Along with the rest of India, Mumbai, its commercial capital, has witnessed an economic boom since the liberalisation of 1991, the finance boom in the mid-nineties and the IT, export, services and BPO boom in this decade.

TSL Mapping Exercise

In Mumbai three sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Mumbai and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated.

- **Mumbai Cotton Green**

Cotton Green is the name of a suburb of Mumbai. It is also the name of a railway station on the Mumbai suburban railway. It lies along the Harbour Line which is a part of the famous Central Railway which was in the bygone days called "The Great Indian Peninsular Railway". NH -1 passes through it. An estimated 19100 trucks enters in Mumbai Cotton Green every month.

- **Mumbai Wadala Truck Terminus.**

The NH-4 passes through Mumbai Wadala Truck Terminus and an estimated 20700 trucks enters in the TSLs. The basic objective of developing the Mumbai Wadala Truck Terminus is to decongest South Mumbai by shifting the existing transport companies offices and godowns. It will also help to rationalise the movement of truck traffic on the city roads.

- **Mumbai Bombay Port Trust**

The Port of Mumbai has long been the principal gateway of India. It lies midway (Latitude 18° 56.3' N, Longitude 72° 45.9' E) on the West coast of India and is gifted with a natural deep-water harbour of 400 sq. Kms. Mumbai Bombay Port Trust caters to about 11 % of the total sea borne handled by Major Ports of the country in terms of volume. It handles about 20 % of POL traffic and 21 % of General traffic handled by Major Ports of India.

Snapshot of Mumbai TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Mumbai Wadala Truck Terminus	20700	51957	14200	35642
Mumbai Cotton Green	19100	39728	16000	33280
Mumbai Bombay Port Trust	5622	16416	4149	12114

Cotton Green

Commissioner of
Railway Police

Office of the Chief
Railway Project
Manager

Station Dockyard

Pune

P.D. Demello Road

Pan Shop

Pump
Petrol
BPCL

Amar Auto Mobile

Entry
Point

Truck Parking Road

Medical
Shop /
Clinic

Medical
Shop /
Clinic

Clinic/Hospital

Condom Outlet

Trans-shipment Location Profile	
Name of TSL : City	Mumbai Cotton Green
Nearest NH	008
Approximate no. of Brokers	28
Peak Month	May, November & December
Association or Unions Present	No
Most frequented Route	Within Maharastra
% of drivers/cleaners staying for more than a day in this TSL	17.7%
Availability of Health Facility in/around TSL	Yes

Mantab of trucks per day	1760
Trucks per months	52810
Truck:Trucker	2.1
LDT per month (63.1%)	33323

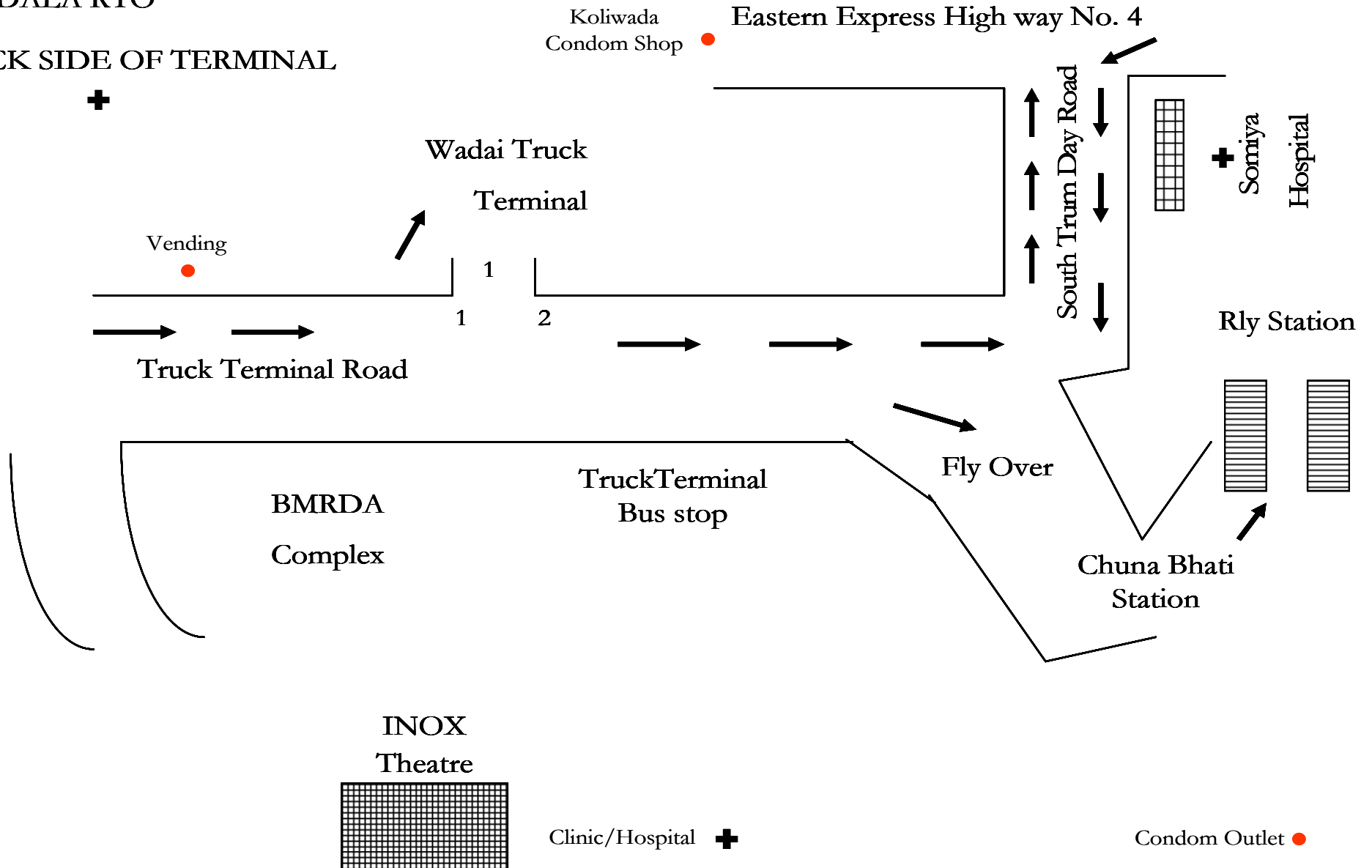
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 10% Enroute - 2%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 43.6% Non-Commercial - 92.3%
Usage of Condom while having sex in last three months	Always- 31% Sometimes- 33% Never- 36%
Participation in trucker welfare activities	2% Counseling Services regarding Health Services 3% Film Shows

Unique Trucks per Month	19100
Unique Truckers per month	39728
Unique Long Distance Trucks per Month	16000
Unique Long Distance Truckers per Month	33280

Wadala Truck Terminus

WADALA RTO

BACK SIDE OF TERMINAL

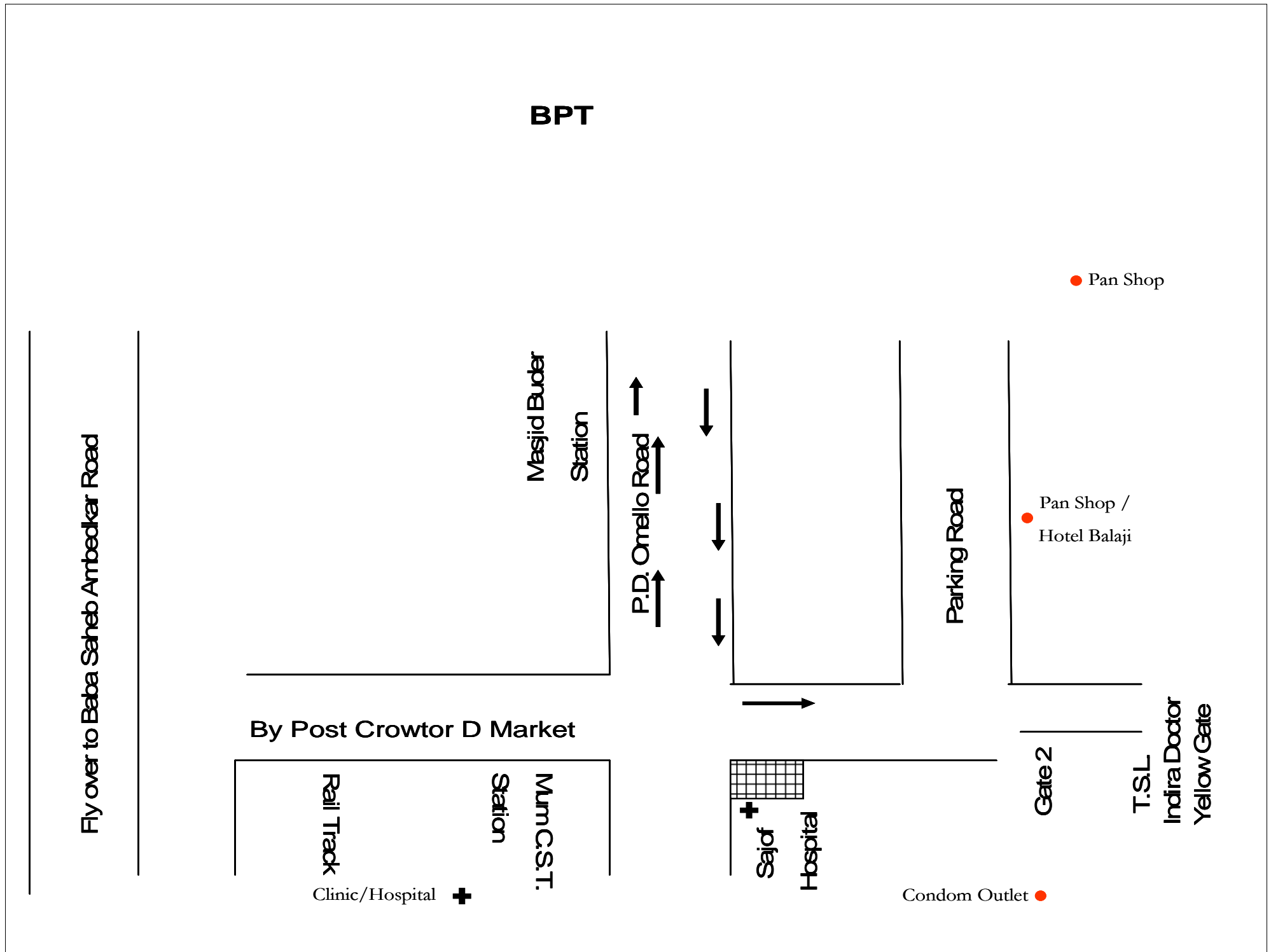


Trans-shipment Location Profile	
Name of TSL : City	Mumbai Wadala Truck Terminus
Nearest NH	008
Approximate no. of Brokers	118
Peak Month	January, November & December
Association or Unions Present	No
Most frequented Route	Within Maharashtra
% of drivers/cleaners staying for more than a day in this TSL	23.2%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	2424
Trucks per months	72720
Truck:Trucker	2.5
LDT per month (43.9%)	31924

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	98%
Type of partners you have had sex in last three months	Commercial - 32.7% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Sometimes- 100%
Participation in trucker welfare activities	8% Distribution of Condoms 10% Counselling of Truck Drivers

Unique Trucks per Month	20700
Unique Truckers per month	51957
Unique Long Distance Trucks per Month	14200
Unique Long Distance Truckers per Month	35642



Trans-shipment Location Profile	
Name of TSL : City	Mumbai Bombay Port Trust
Nearest NH	008
Approximate no. of Brokers	283
Peak Month	January, May & December
Association or Unions Present	Yes
Most frequented Route	Gujarat - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	0.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	717
Trucks per months	21500
Truck:Trucker	2.9
LDT per month (43%)	9245

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - None
% of truckers who had sexual intercourse in last 3 months	76%
Type of partners you have had sex in last three months	Commercial - 18.4% Non-Commercial - 94.7%
Usage of Condom while having sex in last three months	Always- 3% Sometimes- 89% Never- 8%
Participation in trucker welfare activities	2% NGOs Providing Medical Services 2% Health Camps

Unique Trucks per Month	5622
Unique Truckers per month	16416
Unique Long Distance Trucks per Month	4149
Unique Long Distance Truckers per Month	12114

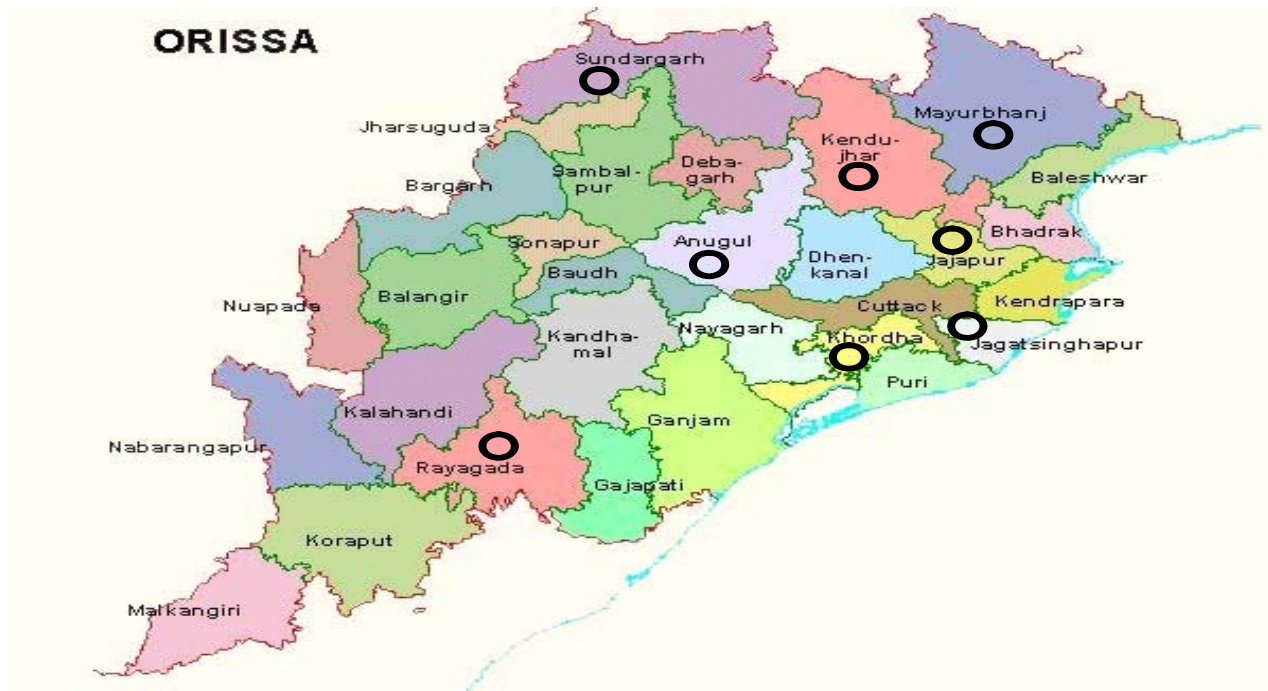
Snapshot of Union present in the TSL

- ❖ **Bhartsa Kamga Union** is functional in Mumbai Transport Nagar.
- ❖ Mr. Arun Sawle of the association was interviewed.
- ❖ This association works for the welfare of the port workers.

Mumbai TSLs at a glance ...

- In Mumbai five TSLs have been selected out of which three TSLs namely Raigarh Kalamboli , Raigarh Nava Sheva J.N.P.T. and Mumbai Cotton Green lies on NH-1 , (Delhi-Amritsar Highway – North-North route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral.
- The other two TSLs i.e. Mumbai Bombay Port Trust and Mumbai Wadala Truck Terminus lie on NH-4 (Chennai-Mumbai Highway – South-West route category). This means that the aforementioned TSLs lie on the Golden Quadrilateral. National Highway-3 and NH-8 (Delhi-Mumbai Highway – North-West route category and lie on the Golden Quadrilateral) also touches these two TSLs.
- In the time frame of 24 hours, an estimated 5079 trucks enter in Raigarh Kalamboli TSL. This implies that an estimated 152360 trucks enter in Raigarh Kalamboli TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Mumbai.
- An estimated 71.6% long distance trucks enter in the TSL of Raigarh Kalamboli every month.
- Out of five TSLs of Mumbai four TSLs have been categorized as high priority TSL centers, Raigarh Kalamboli (127872), Raigarh Nava Sheva J.N.P.T. (82010), Mumbai Wadala truck terminus (51957) and Mumbai Cotton Green (39728).
- It has been observed that Raigarh Kalamboli TSL of Mumbai has the highest number of unique truckers (127872) among other listed TSLs for high priority TSL centers.
- Each of the TSL showing the availability of condoms where as in Raigarh Nava Sheva J.N.P.T TSL, the percentage of non users of condom is very high (73%).
- A union is reported working in Mumbai Bombay Port Trust which involves in the welfare activities for the truckers.
- An overwhelming majority of the truckers (92%) interviewed in aforementioned 3 TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 3 TSLs of Mumbai, 57% of the truckers felt that they were at risk of getting HIV.

STATE 18: ORISSA



Topography

Orissa is a state located on the east coast of India, by the Bay of Bengal has Bhubaneswar as its capital. Orissa is the ninth largest state by area and the eleventh largest by population. It can be divided into three broad regions: The Coastal plains, the middle mountainous range and the plateaus. Orissa has abundant natural resources of coal bauxite, iron ore and chromite.

Economy

Orissa has abundant natural resources and a large coastline. It contains a fifth of India's coal, a quarter of its iron ore, a third of its bauxite reserves and most of the chromite. Rourkela Steel Plant was the first integrated steel plant in the Public Sector in India. It receives unprecedented investments in steel, aluminium, power, refineries and ports.

TSL Mapping Exercise

In Orissa five sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Orissa and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Mayurbhanj Jamsola**

Mayurbhanj is the largest district in size in Orissa. Equipped with a total cultivable land of 4,47,214 hectares, Mayurbhanj is known for a high growth of paddy. Apart from a rich reserve of mineral resources, the district generates income through three industrial estates. NH-42 passes through it. An estimated 1013 trucks enter Mayurbhanj Jamsola TSIs every month.

- **Cuttak**

The key crops of the district are paddy, sugarcane, turmeric and cotton. Processing, manufacturing, repairing and fisheries industries have a dominant contribution towards the economic development of Jagatsinghpur. Paradip Port and Sarala Temple are one of the many magnificent visiting destinations of Jagatsinghpur. NH-5 passes through the city. An estimated 1291 trucks enter Cuttak Jagatpur Transport Nagar every month.

- **Bhubaneswar**

Bhubaneswar is the capital and largest city of the Indian state of Orissa, India and today a center for commerce and religious activity. Both Bhubaneswar and Cuttack are known as the "twin cities" of Orissa. Bhubaneswar received large investments in the fields of telecommunications, IT and higher education, particularly engineering. The National Highway 5, connecting Kolkata and Chennai passes through the city. An estimated 1417 trucks enter Aiginia Potato Godown Bhubhneswar TSL every month.

- **Angul NALCO**

Apart from agriculture and animal husbandry, Angul has a flourishing mining industry too. Covered with lush green forests and rocky hills, the district possesses some of the most appealing tourist spots Lord Jagannath Temple etc. NH-42 passes through Angul NALCO TSL every month. An estimated 1013 trucks enter in Angul NALCO TSL every month.

- **Rourkela Biramitrapur**

NH-23 passes through Rourkela Biramitrapur. An estimated 2221trucks enter Rourkela Biramitrapur TSL every month.

- **J.K.Paper Mill Truck Parking Point Raygada**

Raygada is a mineral-rich district of Orissa. The district generates income mainly through agriculture based activities. Paddy, wheat, ragi, mung, biri, ground nut, potato and maize are the major crops grown in the area. NH-5 passes through from J.K.Paper Mill Truck Parking Point Raygada. An estimated 5500 trucks enter in its TSL every month.

- **Kalinga Nagar Mesco Truck Parking Point**

Kalinga is a rich and fertile land that extended from the river Damodar to Godavari and from Bay of Bengal to Amarkantak range in the West. NH-215 passes through Kalinga Nagar Mesco Truck Parking Point. An estimated 1113 passes through the TSL every month.

- **J.K.Paper Mill Truck Parking Point Raygada**

Paradip is a town, a seaport and a notified area committee in Jagatsinghapur District in the Indian state of Orissa. Paradip is emerging as a major investment in India with several upcoming steel plants including a gigantic \$12 billion plant by POSCO, alumina refineries, thermal power plants, and a petrochemical complex. NH-5 passes through J.K.Paper Mill Truck Parking Point Raygada and an estimated 1277 trucks enters in the TSL every month.

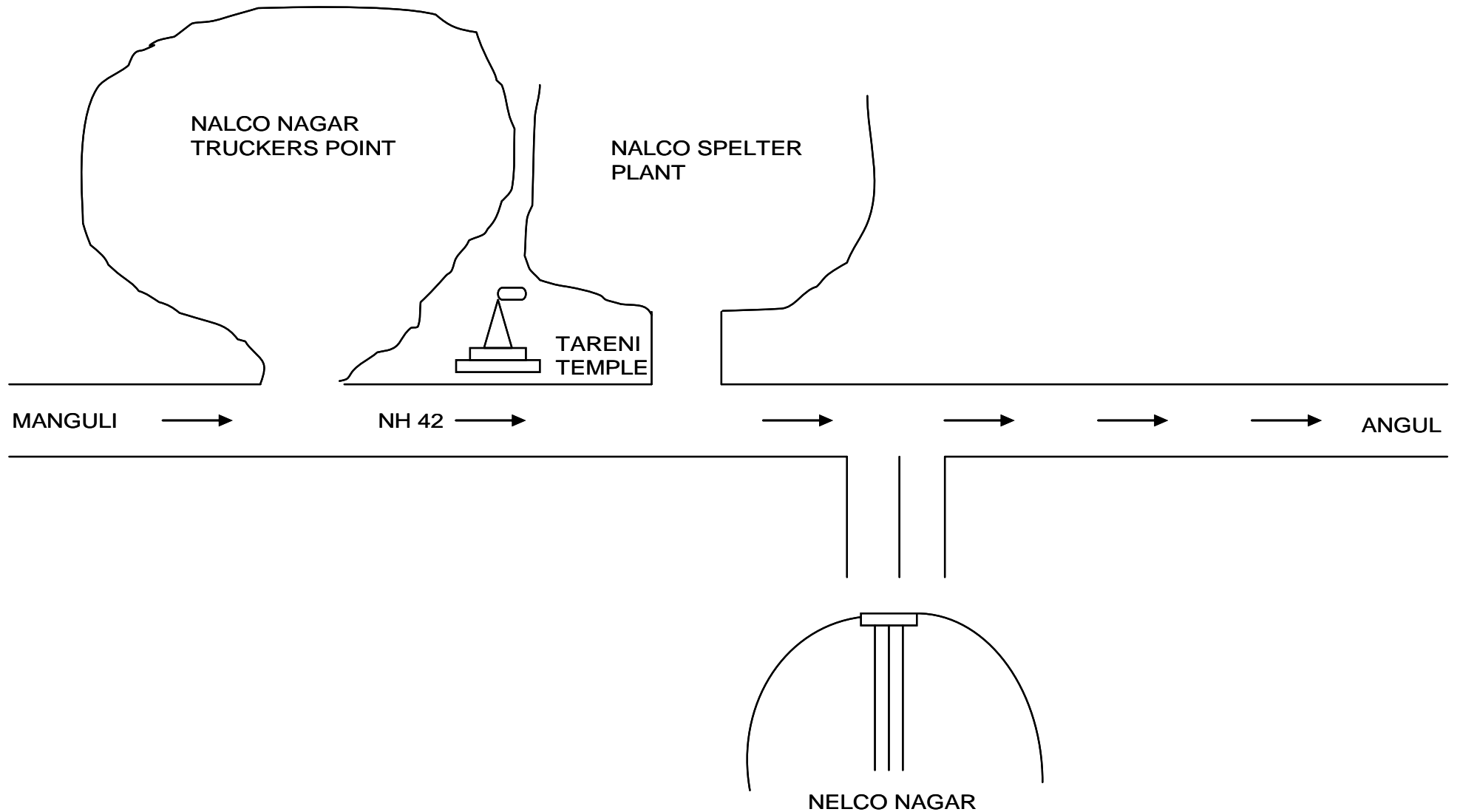
- **Laxmi Nagar Truck Parking Point - Joda**

NH-215 passes through Laxmi Nagar Truck Parking Point – Joda and an estimated 1771 trucks passes through its TSL every motnh.

Snapshot of Orissa TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Mayurbhanj Jamsola	8803	22096	3524	8846
Rourkela Biramitrapur	2221	4798	1570	3391
Bhubhneshwar	1471	4059	1046	2886
Cuttack Jagatpur Transport Nagar	1291	3665	303	861
Angul NALCO	1013	2521	793	1974
J.K.Paper Mill Truck Parking Point Raygada	1277	3703	493	1430
Kalinga Nagar Mesco Trcuk Parking Point	1113	2449	484	1065
Laxmi Nagar Truck Parking Point - Joda	1771	3897	126	279
Paradeep Truck Parking	5574	15607	5574	15607

NELCO NAGAR TRUCK PARKING



Trans-shipment Location Profile	
Name of TSL : City	Angul NALCO Nagar Truck Parking
Nearest NH	NH-042
Approximate no. of Brokers	15
Peak Month	January, February
Association or Unions Present	Yes
Most frequented Route	Karnataka - Orissa
% of drivers/cleaners staying for more than a day in this TSL	50.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	99
Trucks per months	2960
Truck:Trucker	2.5
LDT per month (55.5%)	1643

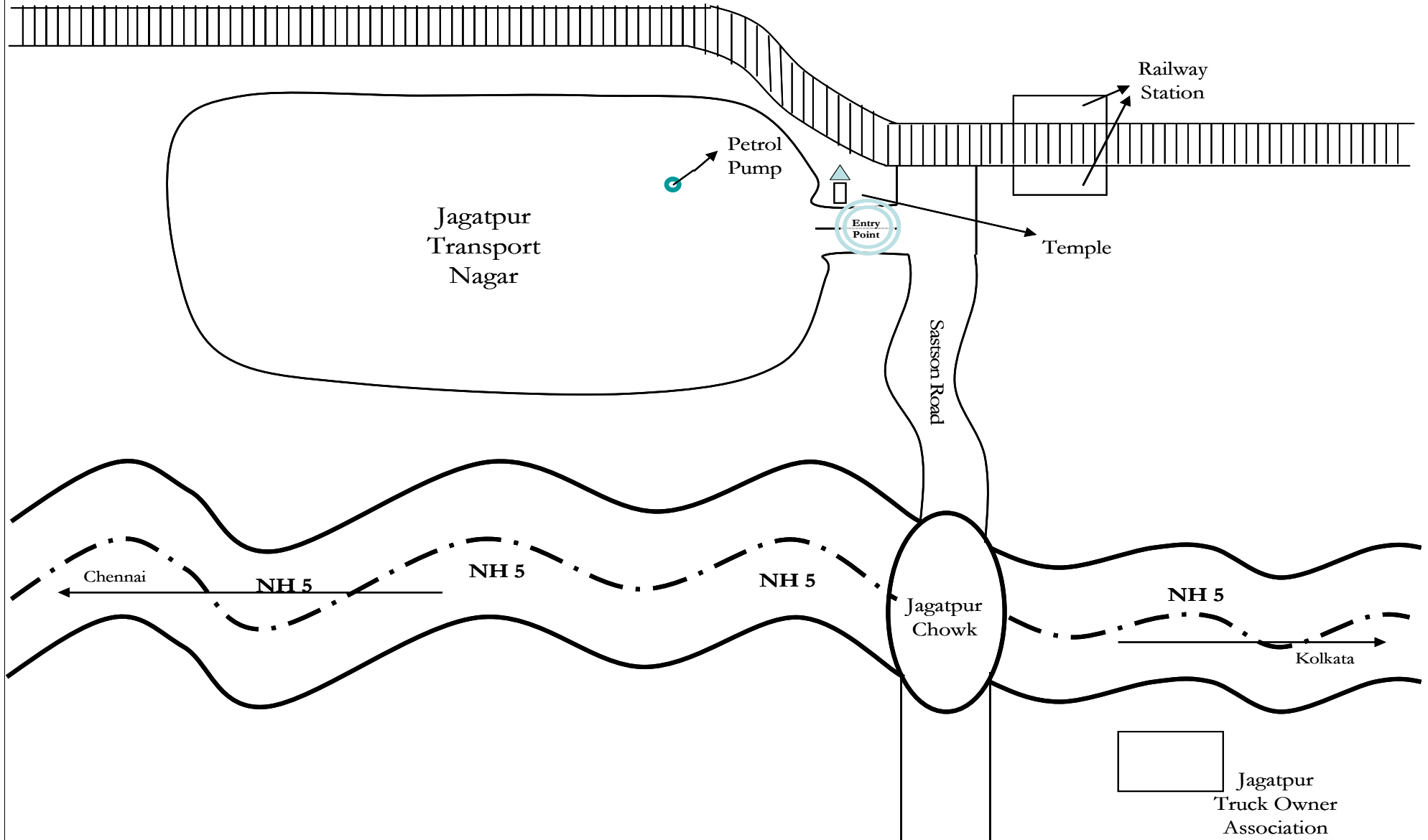
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/ around TSL – None Enroute – 100%
% of truckers who had sexual intercourse in last 3 months	76%
Type of partners you have had sex in last three months	Commercial - 18.4% Non-Commercial - 89.5%
Usage of Condom while having sex in last three months	Always – 21% Sometimes – 32% Never – 47%
Participation in trucker welfare activities	56% Distribution of Condoms 30% Group Discussions on health issues 30% Street Play

Unique Trucks per Month	1013
Unique Truckers per month	2521
Unique Long Distance Trucks per Month	793
Unique Long Distance Truckers per Month	1974

Snapshot of Association present in the TSL

- ❖ **NALCO Nagar Truck Owner Association** is functional in NALCO Nagar Angul. This association was incepted in 1988.
- ❖ Satyabrata Swain, President was interviewed.
- ❖ This association works for NALCO only and engages in the Transportation of goods to different places.
- ❖ According to Satyabrata Swain, "HIV/AIDS is a non-curable disease and it can happen to anybody. Truck drivers are the vulnerable population as they stay out of home and due to driving they need sex and do it without any preventive measure so there is a need to aware this population about HIV/AIDS."
- ❖ Though the association has not been into any kind of welfare activity for truckers but is willing to participate in trucker welfare programmes, if any, organized by the government.

Jagatpur Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Cuttack Jagatpur Transport Nagar
Nearest NH	NH-005
Approximate no. of Brokers	15
Peak Month	February & March
Association or Unions Present	Yes
Most frequented Route	Within Orissa
% of drivers/cleaners staying for more than a day in this TSL	6%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	150
Trucks per months	4490
Truck:Trucker	2.8
LDT per month (15%)	674

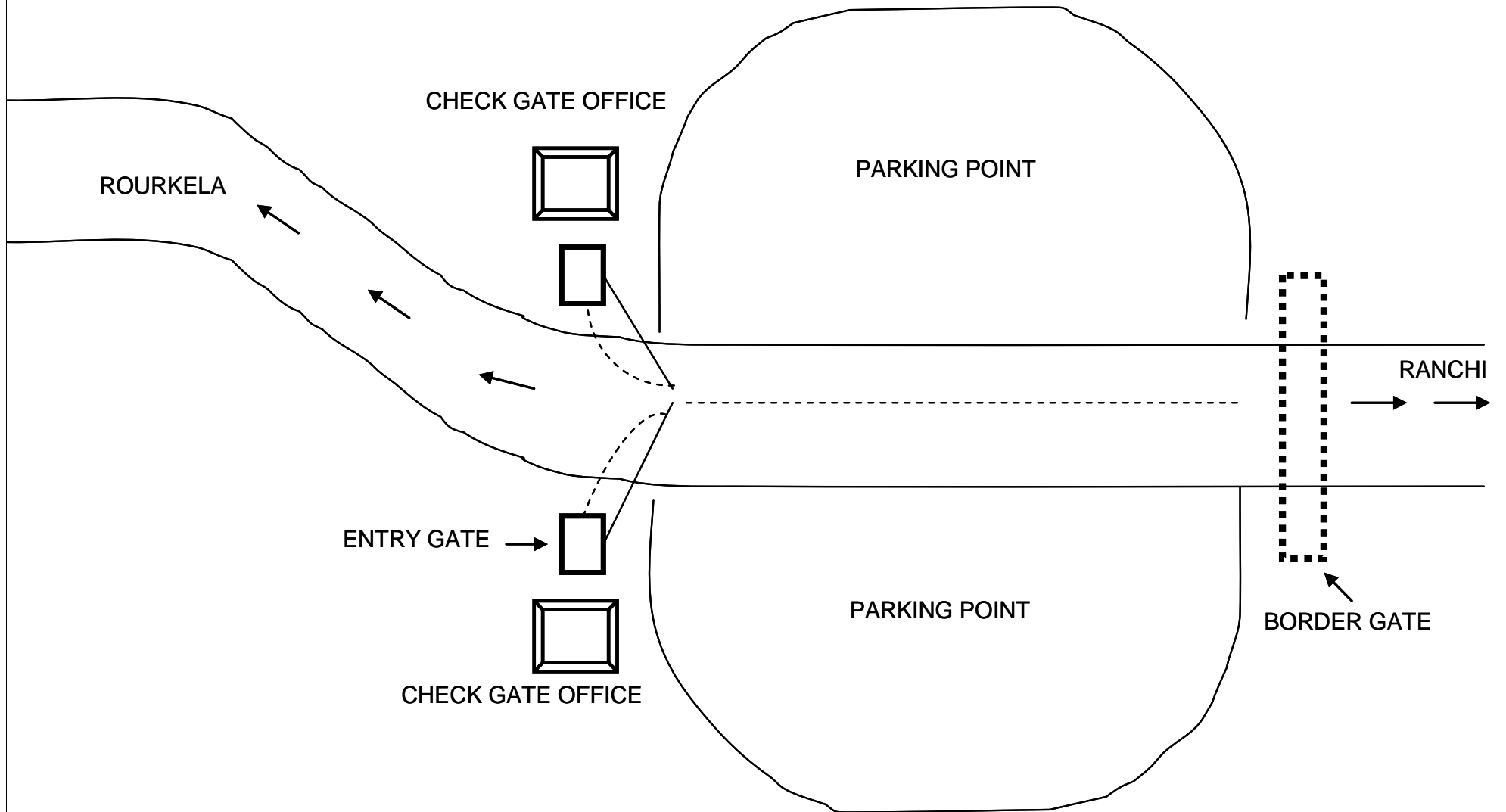
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/ around TSL – None Enroute – 96%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 14.9% Non-Commercial - 97.9%
Usage of Condom while having sex in last three months	Always – 13% Sometimes – 55% Never – 32%
Participation in trucker welfare activities	46% NGOs Providing Medical Services 42% Street Play 40% Distribution of Condoms

Unique Trucks per Month	1291
Unique Truckers per month	3665
Unique Long Distance Trucks per Month	303
Unique Long Distance Truckers per Month	861

Snapshot of Association present in the TSL

- ❖ **Jagatpur, Cuttck, Manguli Truck Association** is functional in Jagatpur Near Station Road..
- ❖ Pradeep Kumar Pusti, President was interviewed.
- ❖ This association works for Truck drivers on the issues of Driving, Traffic Rules and Health.
- ❖ The Association conducts Dramas on HIV/AIDS awareness every year and also distributes condom among truck drivers.
- ❖ According to Pradeep Kumar Pusti, "Due to driving truck drivers are always on roads and sex is a basic need of a man as truck drivers are away from home so they get involved in unprotected sex. There is a need to aware them about the consequences of unprotected Sex and when they are having it with an unknown person"
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

BIRMITRAPUR TRUCKERS POINT



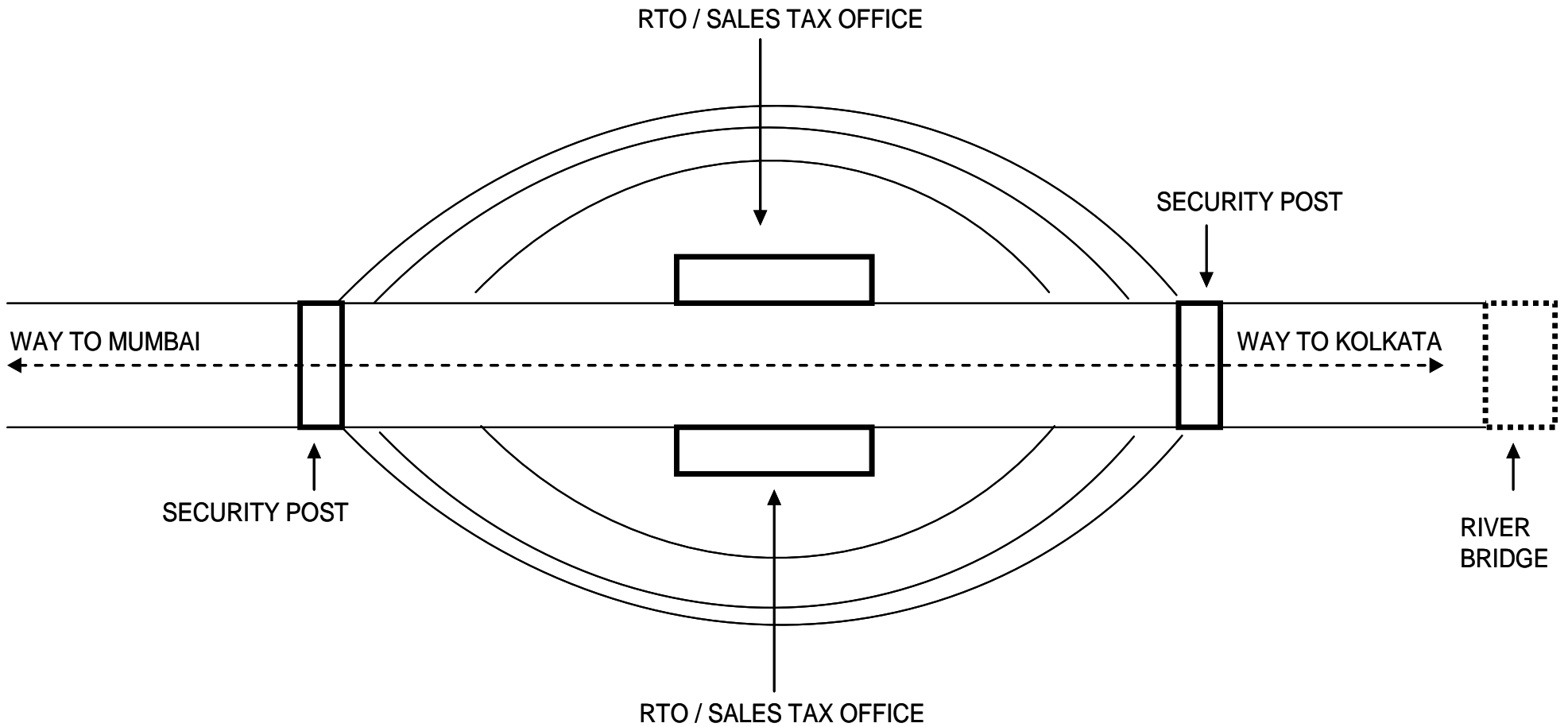
Trans-shipment Location Profile	
Name of TSL : City	Rourkela Biramitrapur Trucker Point
Nearest NH	NH-023
Approximate no. of Brokers	Less than 10
Peak Month	January & February
NGOs, Association or Unions Present	No
Most frequented Route	Jharkhand - Orissa
% of drivers/cleaners staying for more than a day in this TSL	2.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	185
Trucks per months	5560
Truck:Trucker	2.2
LDT per month (51%)	2836

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/ around TSL – None Enruote – 100%
% of truckers who had sexual intercourse in last 3 months	90%
Type of partners you have had sex in last three months	Commercial - 6.7% Non-Commercial - 100%
Usage of Condom while having sex in last three months	Always – 4% Sometimes – 36% Never – 60%
Participation in trucker welfare activities	64% Street Play 54% Distribution of Condoms 46% NGOs Providing Medical Services

Unique Trucks per Month	2221
Unique Truckers per month	4798
Unique Long Distance Trucks per Month	1570
Unique Long Distance Truckers per Month	3391

JAMSALA TRUCK PARKING (MAYUR BHANJ)



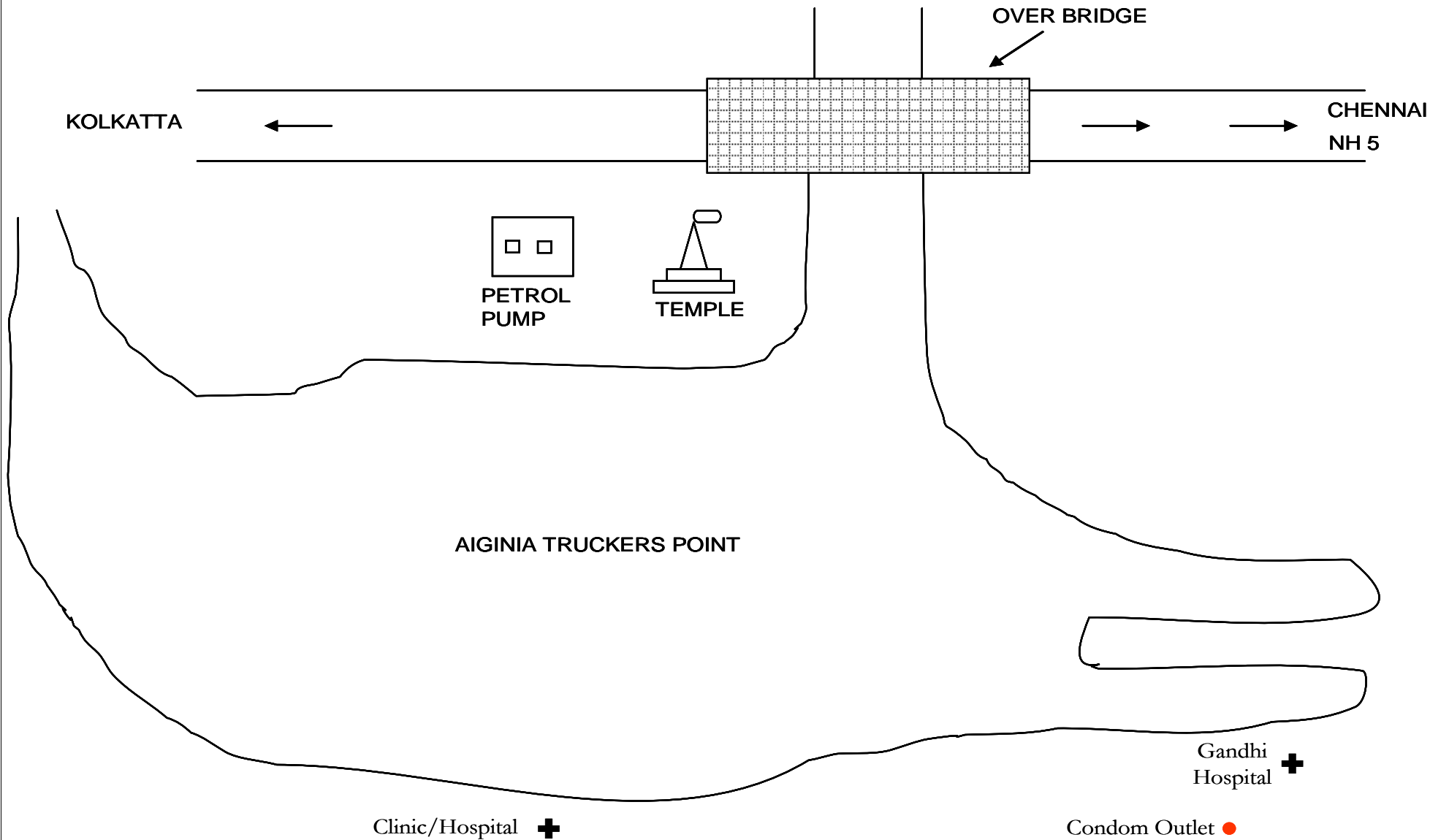
Trans-shipment Location Profile	
Name of TSL : City	Mayurbhanj Jamsola Truck Parking
Nearest NH	NH-006
Approximate no. of Brokers	Less than 10
Peak Month	January & February
NGOs, Association or Unions Present	No
Most frequented Route	West Bengal - Orissa
% of drivers/cleaners staying for more than a day in this TSL	None
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	686
Trucks per months	20580
Truck: Trucker	2.5
LDT per month (34%)	6997

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/ around TSL – 10% Enruote – 100%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 23.1% Non-Commercial - 89.7%
Usage of Condom while having sex in last three months	Always – 15% Sometimes – 18% Never – 67%
Participation in trucker welfare activities	56% Street Play 36% Distribution of Condoms 28% NGOs Providing Medical Services

Unique Trucks per Month	8803
Unique Truckers per month	22096
Unique Long Distance Trucks per Month	3524
Unique Long Distance Truckers per Month	8846

AIGINIA POTATO GODOWN



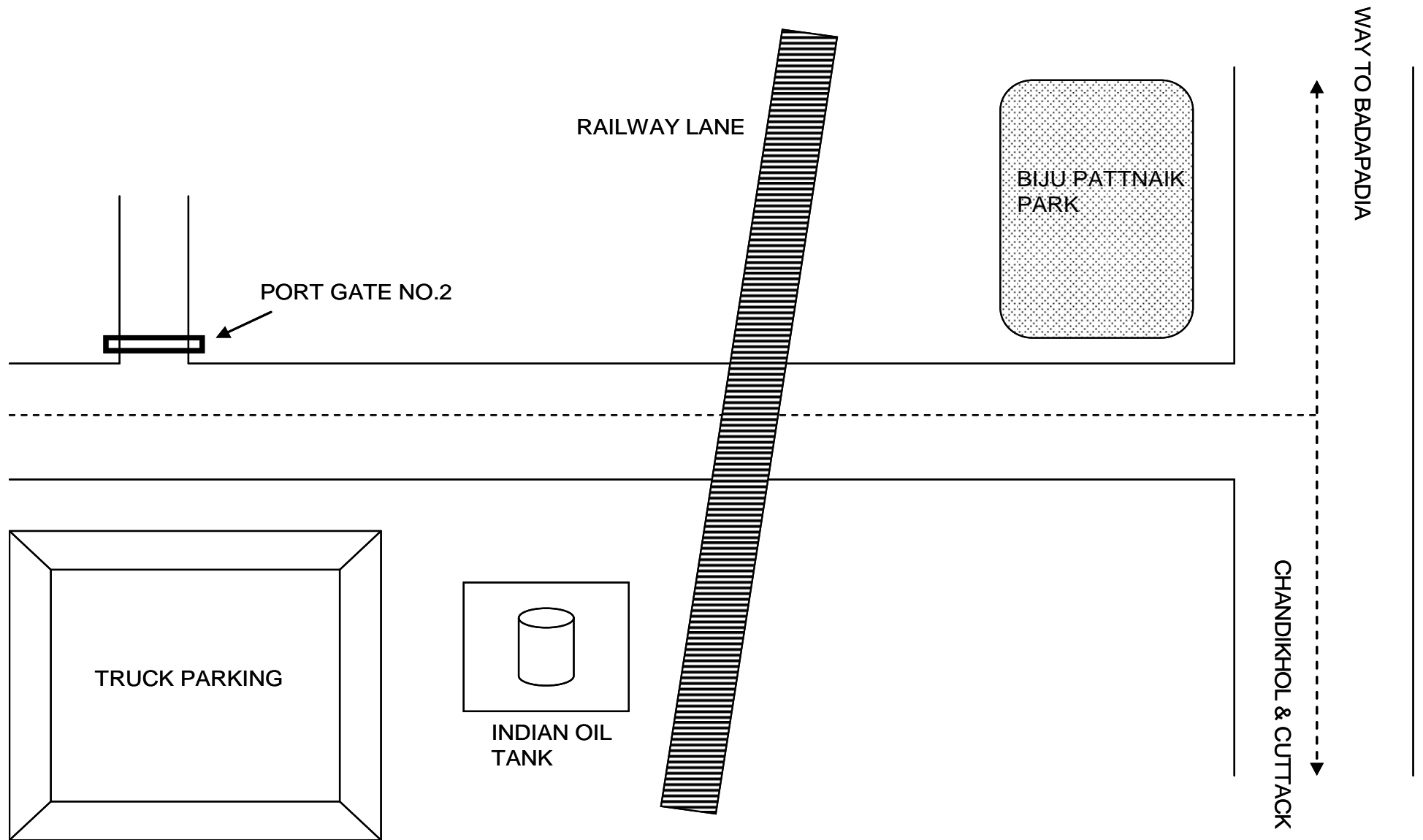
Trans-shipment Location Profile	
Name of TSL : City	Aiginia Potato Godown Bhubhneswar
Nearest NH	NH-005
Approximate no. of Brokers	Less than 10
Peak Month	March & April
NGOs, Association or Unions Present	No
Most frequented Route	Karnataka - Orissa
% of drivers/cleaners staying for more than a day in this TSL	3%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	179
Trucks per months	5380
Truck: Trucker	2.8
LDT per month (51%)	2744

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/ around TSL – None Enruote – 96%
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 7.1% Non-Commercial - 97.6%
Usage of Condom while having sex in last three months	Always – 3% Sometimes – 26% Never – 71%
Participation in trucker welfare activities	52% Distribution of Condoms 32% Street Play 32% NGOs Providing Medical Services

Unique Trucks per Month	1471
Unique Truckers per month	4059
Unique Long Distance Trucks per Month	1046
Unique Long Distance Truckers per Month	2886

PARADEEP TRUCK PARKING



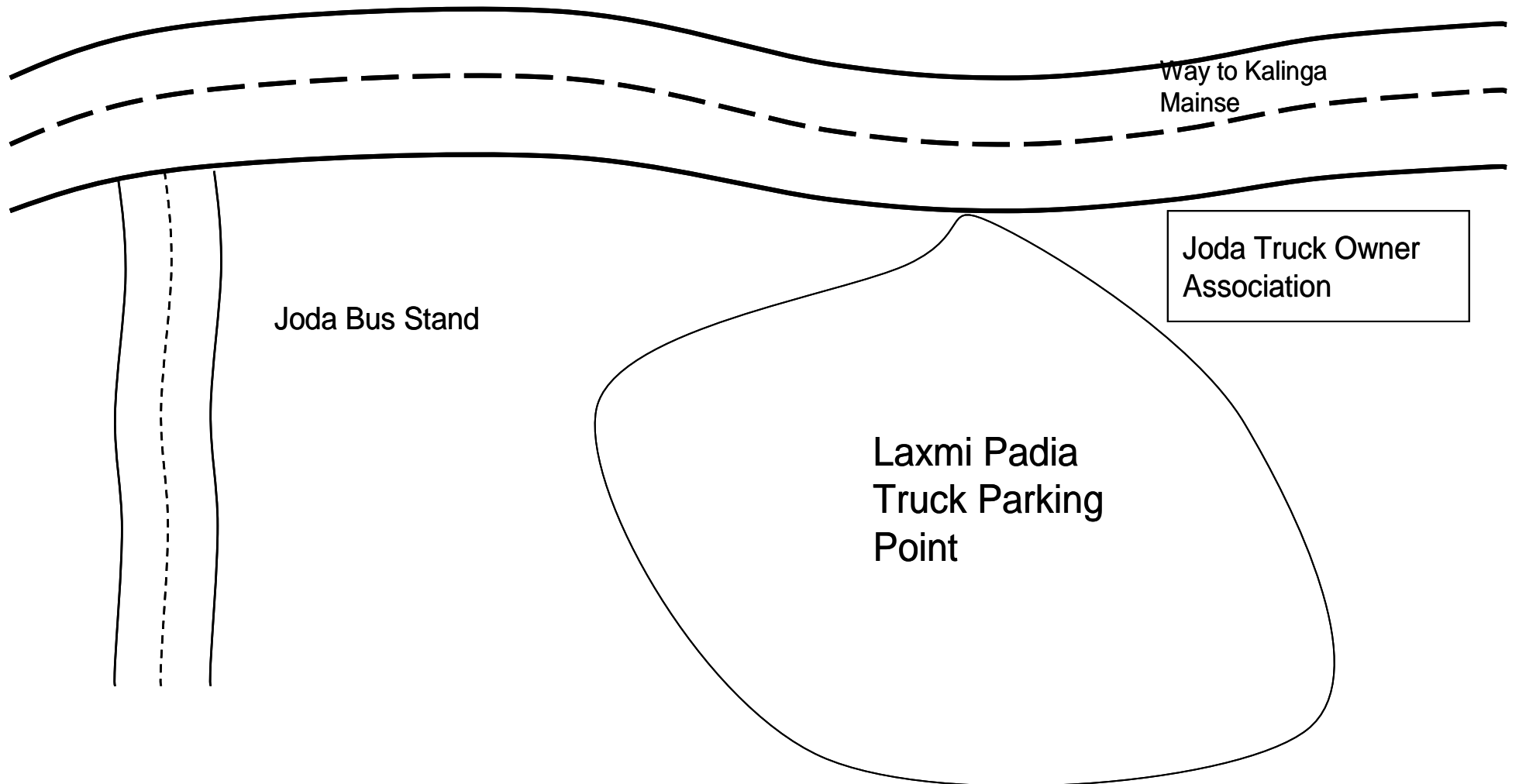
Trans-shipment Location Profile	
Name of TSL : City	Paradeep Truck Parking
Nearest NH	05A
Approximate no. of Brokers	50
Peak Month	January & February
Associations or Unions Present	No
MOST FREQUENTED ROUTE	Within Orissa
% of drivers/cleaners staying for more than a day in this TSL	None
Availability of Health Facility in/around TSL	Yes (Private and Ayurvedic)

Mantab of trucks per day	614
Trucks per months	18420
Truck: Trucker	2.8
LDT per month (51%)	9394

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL – None Enroute – 100%
% of truckers who had sexual intercourse in last 3 months	96%
Type of partners you have had sex in last three months	Commercial – 98% Non-Commercial – 10%
Usage of Condom while having sex in last three months	Always – 8% Sometimes – 21% Never – 71%
Participation in trucker welfare activities	46% Distribution of Condoms 44% counseling services regarding health issues 40% Steet Plays/ Nukkad natak on health issues

Unique Trucks per Month	5574
Unique Truckers per month	15607
Unique Long Distance Trucks per Month	5574
Unique Long Distance Truckers per Month	15607

Laxmi Padia Truck Parking Point



Trans-shipment Location Profile	
Name of TSL : City	Laxmi Nagar Truck Parking Point - Joda
Nearest NH	215
Approximate no. of Brokers	50
Peak Month	January & February
Associations or Unions Present	No
MOST FREQUENTED ROUTE	Within Orissa
% of drivers/cleaners staying for more than a day in this TSL	2%
Availability of Health Facility in/around TSL	Yes (Pvt. Clinic)

Mantab of trucks per day	218
Trucks per months	6550
Truck: Trucker	2.2
LDT per month (51%)	295

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – None Enroute – 22%
% of truckers who had sexual intercourse in last 3 months	22%
Type of partners you have had sex in last three months	Commercial – 18% Non-Commercial – 100%
Usage of Condom while having sex in last three months	Always – 9% Sometimes – 9% Never – 82%
Participation in trucker welfare activities	4% Distribution of Condoms 20% counseling services regarding health issues 8% Health Game Kiosk/Health Exhibitions

Unique Trucks per Month	1771
Unique Truckers per month	3897
Unique Long Distance Trucks per Month	126
Unique Long Distance Truckers per Month	279

Kalinga Nagar MESCO Truck Point

Jindal Plant

Railway

Jajpur Raod

Truck Parking
front

Kalinga Nagar
Nelco

MESCO Plant

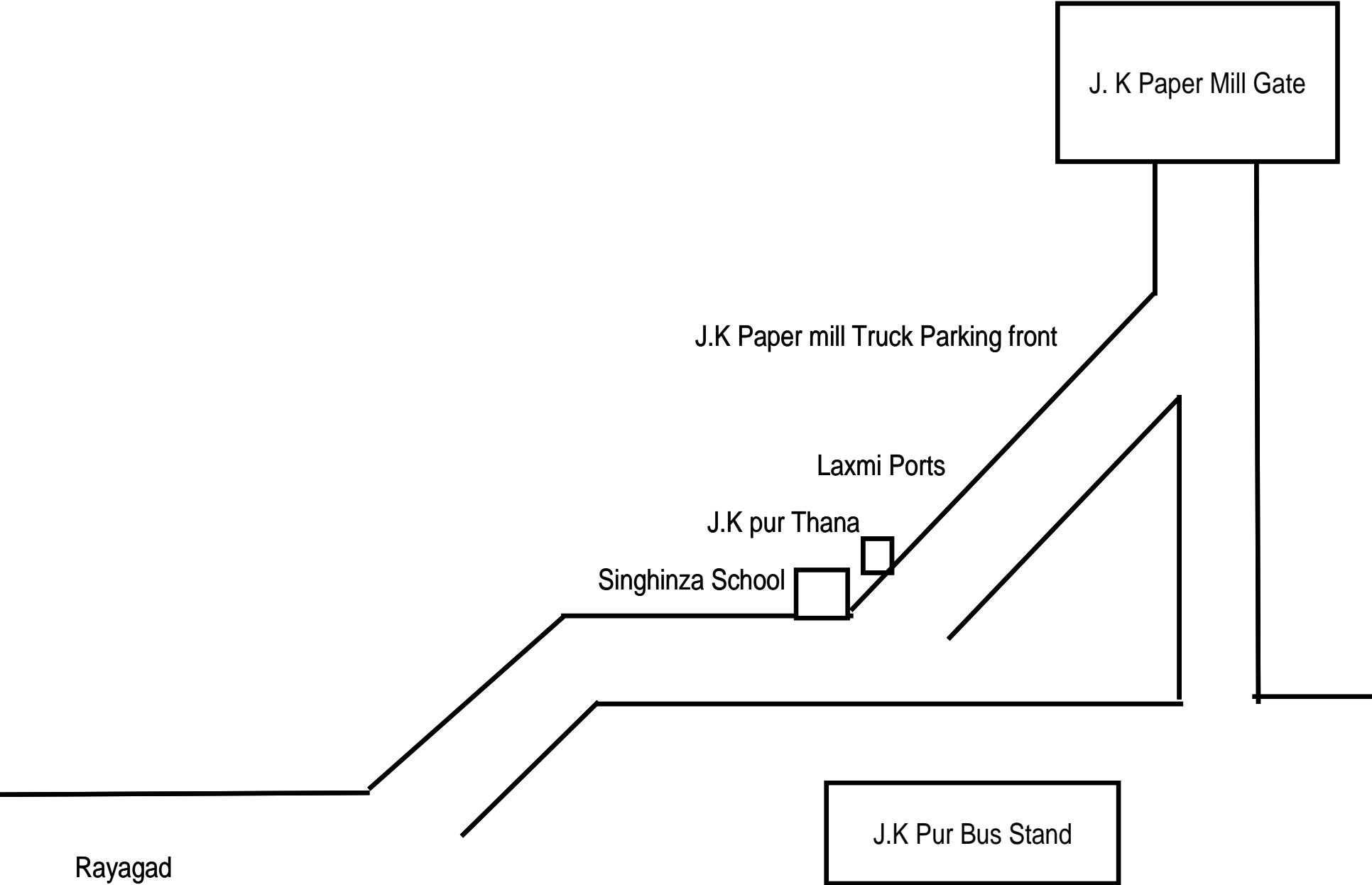
Trans-shipment Location Profile	
Name of TSL : City	Kalinga Nagar Mesco Truck Parking Point
Nearest NH	215
Approximate no. of Brokers	47
Peak Month	January & February
Associations or Unions Present	No
MOST FREQUENTED ROUTE	Within Orissa
% of drivers/cleaners staying for more than a day in this TSL	None
Availability of Health Facility in/around TSL	Yes (Private)

Mantab of trucks per day	201
Trucks per months	6020
Truck: Trucker	2.2
LDT per month (51%)	3070

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – None Enroute – 100%
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial – 16% Non-Commercial – 98%
Usage of Condom while having sex in last three months	Always – 16% Sometimes – 16% Never – 68%
Participation in trucker welfare activities	60% counseling services regarding health issues 46% Group Discussions on health issues 36% Street Plays/ Nukkad natak on health issues

Unique Trucks per Month	1113
Unique Truckers per month	2449
Unique Long Distance Trucks per Month	484
Unique Long Distance Truckers per Month	1065

J.K Paper Mill Truck Parking Point



Trans-shipment Location Profile	
Name of TSL : City	J.K.Paper Mill Truck Parking Point Raygada
Nearest NH	05
Approximate no. of Brokers	35
Peak Month	January & February
Associations or Unions Present	No
MOST FREQUENTED ROUTE	Within Orissa and Orissa to Andhra Pradesh
% of drivers/cleaners staying for more than a day in this TSL	3%
Availability of Health Facility in/around TSL	Yes (Private and Ayurvedic)

Mantab of trucks per day	183
Trucks per months	5500
Truck: Trucker	2.9
LDT per month (51%)	1195

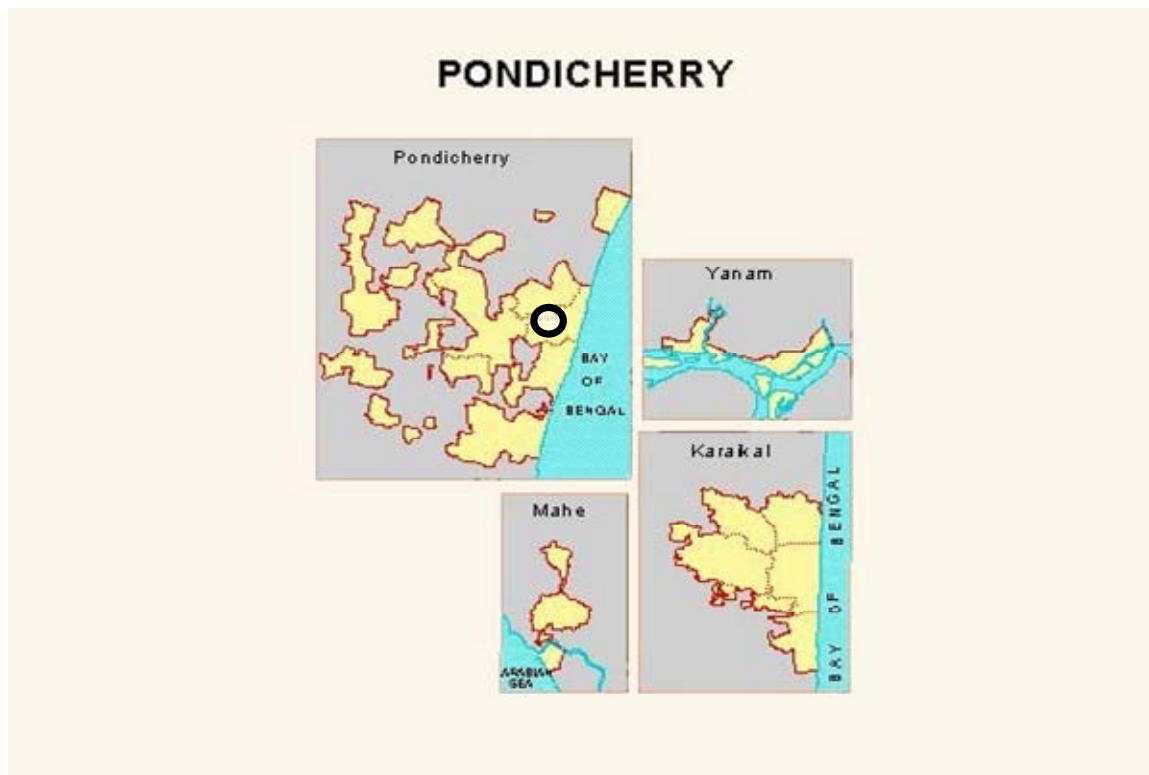
Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL – None Enroute – 100%
% of truckers who had sexual intercourse in last 3 months	96%
Type of partners you have had sex in last three months	Commercial – 10% Non-Commercial – 98%
Usage of Condom while having sex in last three months	Always – 8% Sometimes – 21% Never – 71%
Participation in trucker welfare activities	46% Distribution of Condoms 44% counseling services regarding health issues 14% Steet Plays/ Nukkad natak on health issues

Unique Trucks per Month	1277
Unique Truckers per month	3703
Unique Long Distance Trucks per Month	493
Unique Long Distance Truckers per Month	1430

Orissa TSLs at a glance...

- Five TSLs have been selected in the state of Orissa. The TSL of Aiginia Potato Godown Bhubhneswar and Cuttack Jagatpur Transport Nagar lie on NH-5 (Kolkatta-Chennai Highway – South-East route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral. Cuttak also touches NH-42.
- Around 45 km distance has been estimated between Bhubhneswar and Cuttack. Both TSLs cover estimated 7724 unique truckers and combined together can serve as a strategic intervention point in Orissa.
- An estimated 55.5% long distance trucks enter in the TSL of Angul NALCO Nagar Truck Parking every month.
- An estimated 20580 trucks enter in Mayurbhanj Jamsola Truck Parking TSL per month.
- The highest number of truck traffic is seen in Mayurbhanj Jamsola which has been categorized as medium priority TSL center with 22096 unique truckers.
- It has been observed that the condoms are available in each of the selected TSL of Orissa.
- But the depressing part is in spite of its availability the percentage of its non-usage has been found high in three of the TSLs i.e. Aiginia Potato Godown Bhubhneswar(71%), Mayurbhanj Jamsola Truck Parking (67%), Rourkela Biramitrapur Trucker Point (60%).
- Cuttack Jagatpur Transport Nagar and Angul NALCO Nagar Truck Parking have the functioning of unions, however union present in Cuttack TSL is into welfare activity including awareness programme on HIV/AIDS etc. for the truckers.
- All the truckers (100%) interviewed in Orissa TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In the TSLs of Orissa, 1% of the truckers felt that they were at risk of getting HIV.

STATE 19: PONDICHERRY



Topography

Puducherry is a city and a municipality in Puducherry District in the Indian union territory of Puducherry. Pondicherry consists of four unconnected districts: Pondicherry, Karaikal, and Yanam on the Bay of Bengal and Mahé on the Arabian Sea.

Economy

Puducherry's gross state domestic product for 2004 is estimated at \$2 billion in current prices. The potential for fisheries is substantial in the Union Territory. There are 27 marine fishing villages and 23 inland fishing villages with fishermen population of about 65,000 of which 13,000 are actively engaged in fishing. Irrigation tanks and ponds are also tapped for commercial fish rearing

TSL Mapping Exercise

In Pondicherry one site was selected for the mapping exercise. The centre was selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned site was selected as this is one of the major cities in Pondicherry and handles relatively greater proportion of truck traffic. The ensuing pages explain the TSLs briefly and give critical indicators in an encapsulated format.

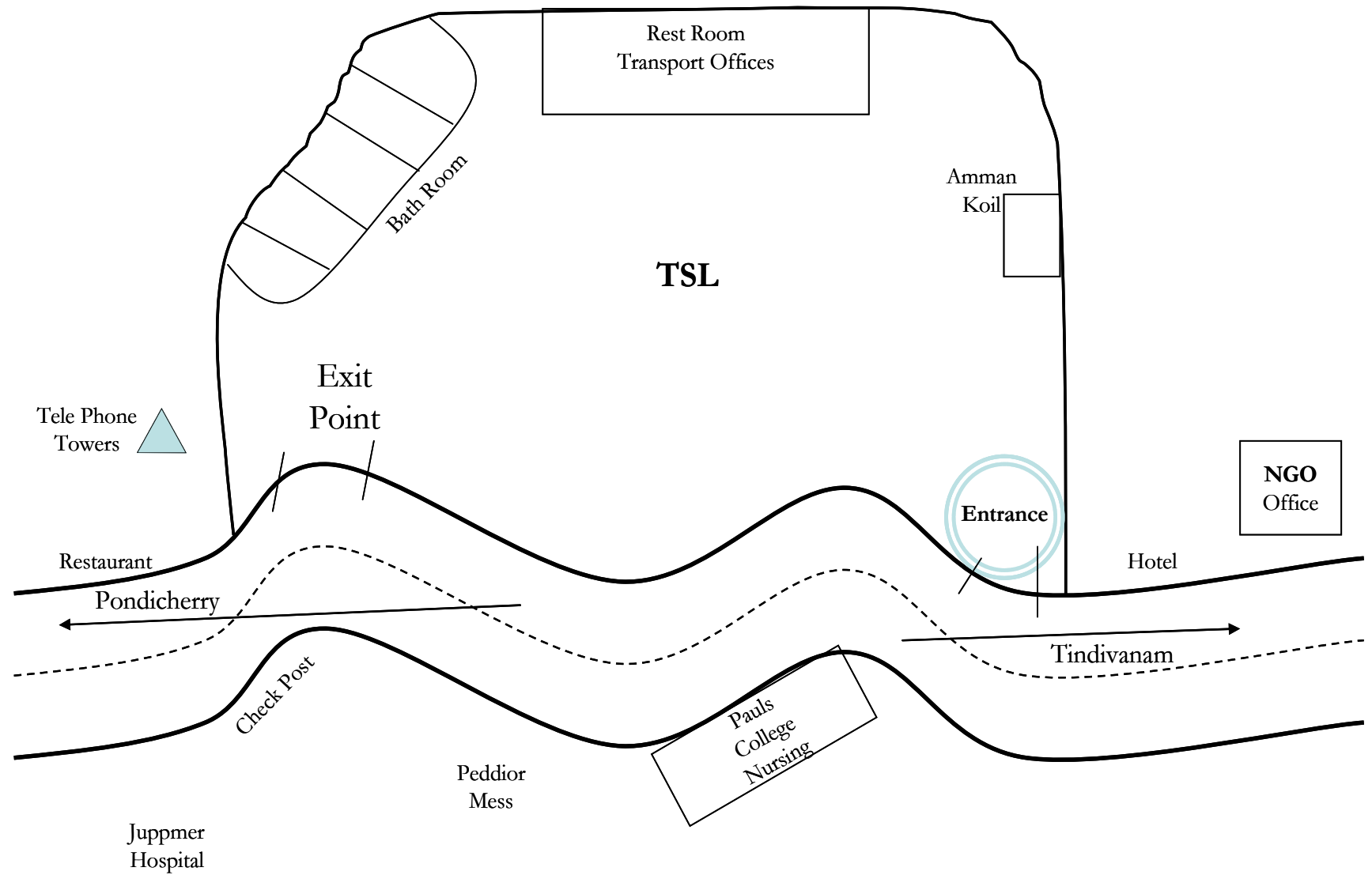
- **Gori Medu (Pattanur)**

Gori Medu (Pattanur) TSL receives 1673 trucks every month. NH-45 passes through the city.

Snapshot of Pondicherry TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Gori Medu (Pattanur)	1673	3882	1186	2752

Pondicherry Gori Medu (Pattanur)



Trans-shipment Location Profile	
Name of TSL : City	Gori Medu (Pattanur)
Nearest NH	045
Approximate no. of Brokers	47
Peak Month	February, March & April
Association or Unions Present	Yes
Most frequented Route	Pondicherry - Karnataka
% of drivers/cleaners staying for more than a day in this TSL	54%
Availability of Health Facility in/around TSL	Yes (Govt. clinic)

Mantab of trucks per day	180
Trucks per months	5410
Truck:Trucker	2.3
LDT per month (63.5%)	3435

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 18% Enroute - 72%
% of truckers who had sexual intercourse in last 3 months	80%
Type of partners you have had sex in last three months	Commercial - 15.0% Non-Commercial - 92.5%
Usage of Condom while having sex in last three months	Always- 18% Sometimes- 8% Never- 75%
Participation in trucker welfare activities	20% Health Camps 7% Counseling Services regarding Health Services

Unique Trucks per Month	1673
Unique Truckers per month	3882
Unique Long Distance Trucks per Month	1186
Unique Long Distance Truckers per Month	2752

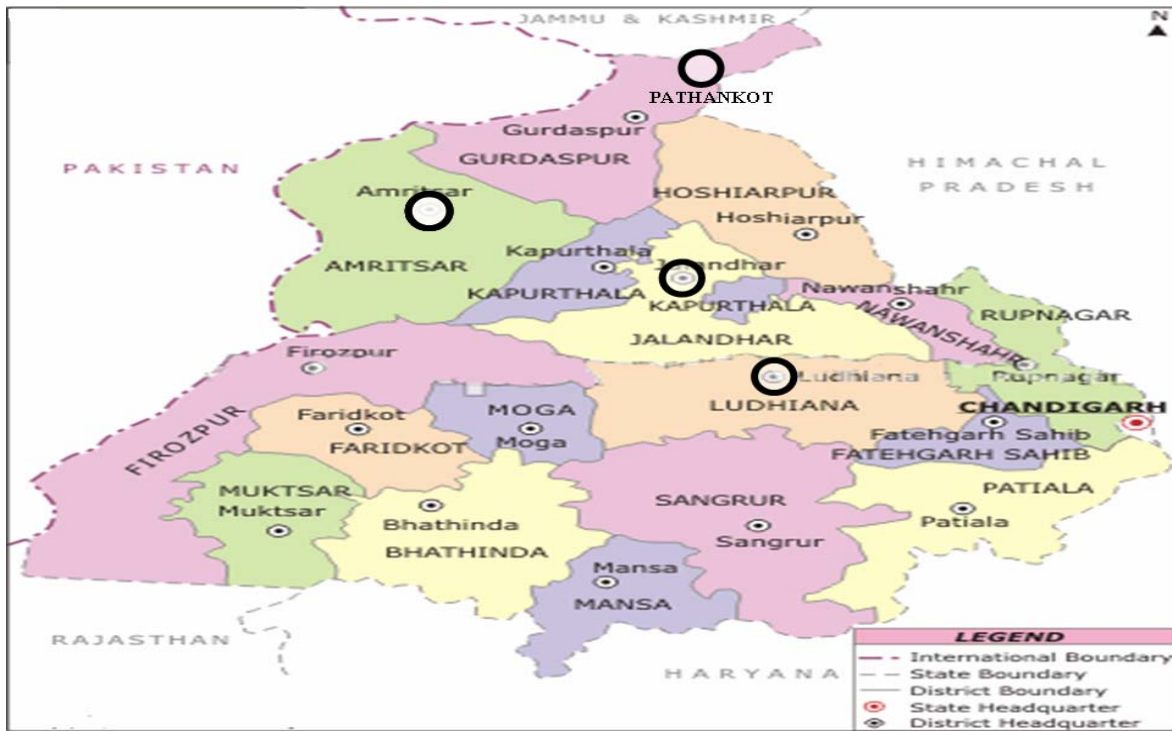
Snapshot of Association present in the TSL

- ❖ **Society for Development Research and Training** is functional in Pondicherry. This association was incepted in 1996.
- ❖ Mr Zagadmane, In charge of the association was contacted.
- ❖ This association works for Truckers, HIV infected peoples, and FSW and school drop out children. They conduct awareness programmes on HIV/AIDS, street plays, puppet shows, peer educators meeting and stake holder meeting and condom promotion.
- ❖ According to the Secretary, "*There is a need to spread awareness amongst the truck drivers about HIV/AIDS because they are having illegal sexual connection.*"
- ❖ The truck drivers are having highway police problem, kidnapping, accidents.
- ❖ Future plan includes conduct awareness programmes for the sex workers.

Pondicherry TSLs at a glance...

- Only one TSL has been selected in Pondicherry which lies on NH-45 and also touches NH-66.
- An estimated 5410 trucks enter in Gori Medu (Pattanur) TSL per month.
- An estimated 63.5% long distance trucks enter in the TSL of in Gori Medu (Pattanur) every month.
- A Union has been observed working in the TSL, for HIV infected peoples, and FSW and school drop out children. They conduct awareness programmes on HIV/AIDS, street plays, puppet shows, peer educators meeting and stake holder meeting and condom promotion.
- It has been observed that despite of the availability of condoms the high percentage (75%) of its non users shows the lack of awareness of its accessibility in TSL and the functioning of the Union.
- All the truckers (100%) interviewed in aforementioned TSL had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In Pondicherry TSL only 1% of the truckers felt that they were at risk of getting HIV.

STATE 20: PUNJAB



Topography

Punjab is situated in the northwestern corner of the country. It is bounded on the north by the Indian state of Jammu and Kashmir, on the east by Himachal Pradesh and the Union Territory of Chandigarh, on the south by Haryana and Rajasthan, and on the west by Pakistan. The city of Chandigarh is the administrative capital of Punjab.

Economy

Agriculture is the main occupation of the people of Punjab and forms the backbone of the State economy. The principal industries include the manufacture of textiles, sewing machines, sporting goods, starch, fertilizers, bicycles, scientific instruments, electrical goods, and machine tools, and the processing of sugar and pine oil.

TSL Mapping Exercise

Four centres viz., Amritsar, Ludhiana, Jalandhar, Pathankot were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Punjab and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Amritsar TSL**

The city of Amritsar is located in North of Punjab with National Highway 1 and National Highway 15 passing through it. NH 1 connects Amritsar with Jalandhar while NH 15 connects it with Bhatinda. Amritsar is a global tourist hub and is also known for its fertile lands and giant industries. For the purpose of this study, we had mapped Jai Inder Singh Transport Nagar in Amritsar to ascertain truck traffic within the TSL. An estimated 16,780 trucks enter Amritsar Transport Nagar in a month.

- **Jalandhar TSL**

Jalandhar district is based on the banks of Sutlej & Beas River. Wheat, rice, maize and bajra are the major crops of the district. The place also has 1761 operational factories that are one of the main sources of income generation. Jalandhar is the nucleus of the sports goods industry in Punjab and has about 90% of the total sport goods units of the state. On the whole Jalandhar district represents strong economy with sport goods, finished leather and leather goods, hand tools, auto parts etc as its major products. NH 1 and NH 1A passes through Jalandhar. NH 1 connects Jalandhar with Amritsar. An estimated 14,520 trucks enter Jalandhar Transport Nagar in a month.

- **Ludhiana TSL**

Ludhiana, a part of the Malwa region of Punjab, spans over a total area of 3767 sq km. It is the largest city in Punjab, with an estimated population of 2 Million. The population increases substantially during the crop harvesting season due to immigration of laborers from states like UP, Bihar, Delhi etc. It is often termed as 'Industrial Hub' of Punjab as it is famous for manufacturing of textiles and woollens. Ludhiana is centrally located on the National Highway 1 from Delhi to Amritsar. An estimated 61,930 trucks enter Jalandhar Transport Nagar in a month.

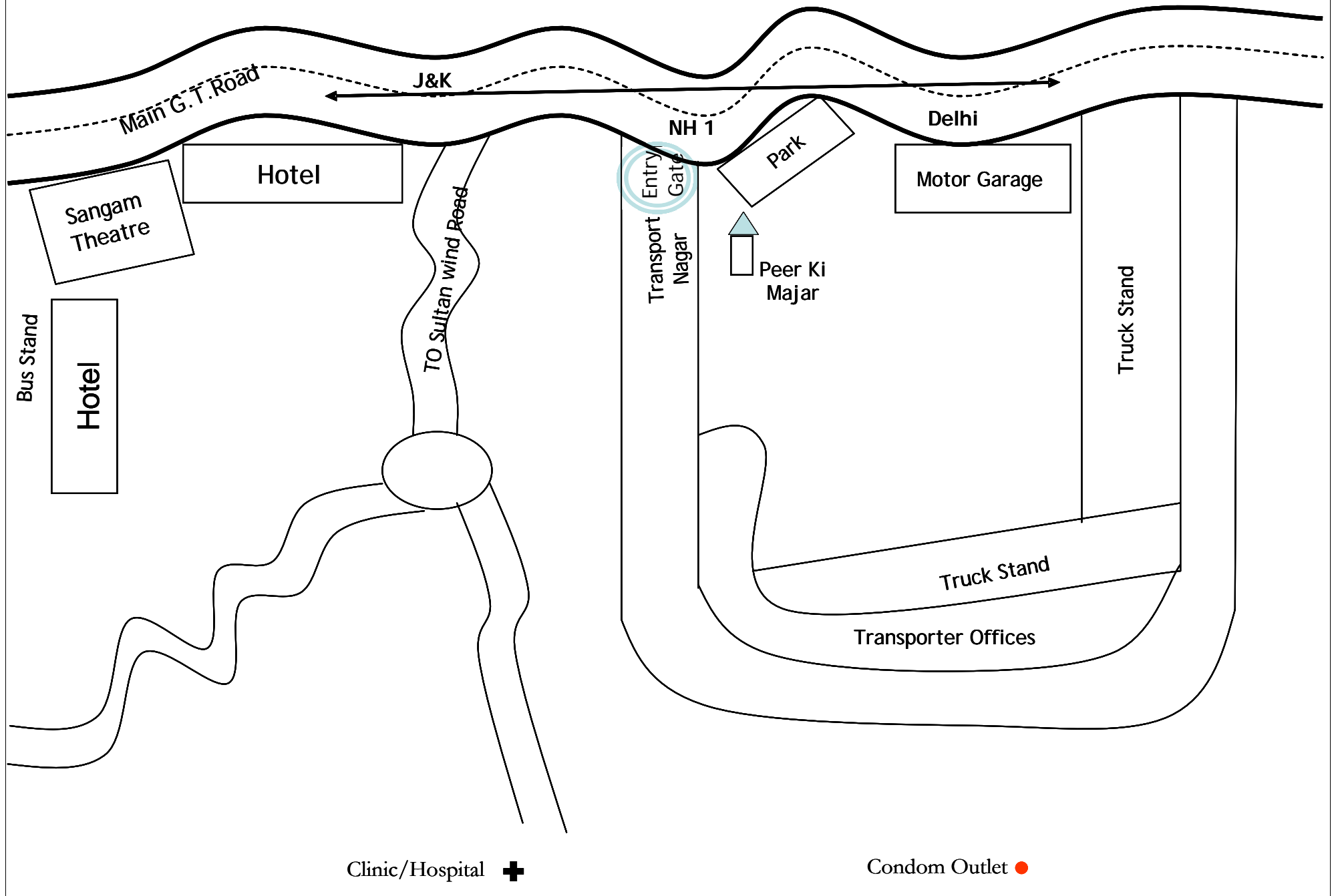
- **Pathankot TSL**

Pathankot TSL falls in Gurdaspur which is set on the North of Punjab state. It is a meeting point of the three northern states viz. Punjab, Himachal Pradesh and Jammu and Kashmir. Pathankot is the fifth largest city in the state of Punjab in terms of population. It is the last city in Punjab on the national highway that connects Jammu and Kashmir with the rest of India. It is around 110 km away from Jalandhar and Amritsar. NH 20 passes through the city. An estimated 3,900 trucks enter Jalandhar Transport Nagar in a month.

Snapshot of Punjab TSLs

Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Ludhiana Transport Nagar, Semrada Chowk	38692	104468	26010	52020
Amritsar Transport Nagar	12121	26666	8901	19582
Jalandhar	6435	15444	5990	14376
Pathankot	3121	7490	2536	6084

Jai Inder Transport Nagar Amritsar



Trans-shipment Location Profile	
Name of TSL : City	Amritsar Transport Nagar
Nearest NH	1
Approximate no. of Brokers	53
Peak Month	February, May & June
Association Present	Yes
Most Frequented Route	Punjab - Maharashtra
% of drivers/cleaners staying for more than a day in this TSL	0
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	559
Trucks per months	16,780
Truck to Trucker ratio	2.2
LDT per month (54%)	1,007

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - 2% Enroute - 71%
% of truckers who had sexual intercourse in last 3 months	89%
Type of partners you have had sex in last three months	Commercial - 46.9% Non-Commercial - 75.5%
Usage of Condom while having sex in last three months	Always- 10% Sometimes- 35% Never- 55%
Participation in trucker welfare activities	27% Health Camps 24% Trucker Utsav 14% Distribution of Condoms

Unique Trucks per Month	12,121
Unique Truckers per month	26,666
Unique Long Distance Trucks per Month	8,901
Unique Long Distance Truckers per Month	19,582

Snapshot of Association present in the TSL

- ❖ **Associated Road Carriers Ltd** is functional in Amritsar Transport Nagar.
- ❖ Mr Harpal Singh, supervisor of the association was contacted.
- ❖ This association works for trucker in educating them about HIV/AIDS and educating them on using condoms. They had organized HIV/AIDS camp in 2006
- ❖ According to the supervisor, "truck drivers have lack of knowledge. They don't take care of good and bad while doing something. Therefore, HIV/AIDS spreads."
- ❖ The association wishes to educate truck drivers about HIV/AIDS

Trans-shipment Location Profile	
Name of TSL : City	Ludhiana Transport Nagar, Semrada Chowk
Nearest NH	001
Approximate no. of Brokers	850
Peak Month	July, August & September
Association or Unions Present	Yes
Most Frequented Route	Punjab - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	64.3%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	2,064
Trucks per months	61,930
Truck to Trucker ratio	2.7
LDT per month (49%)	30,346

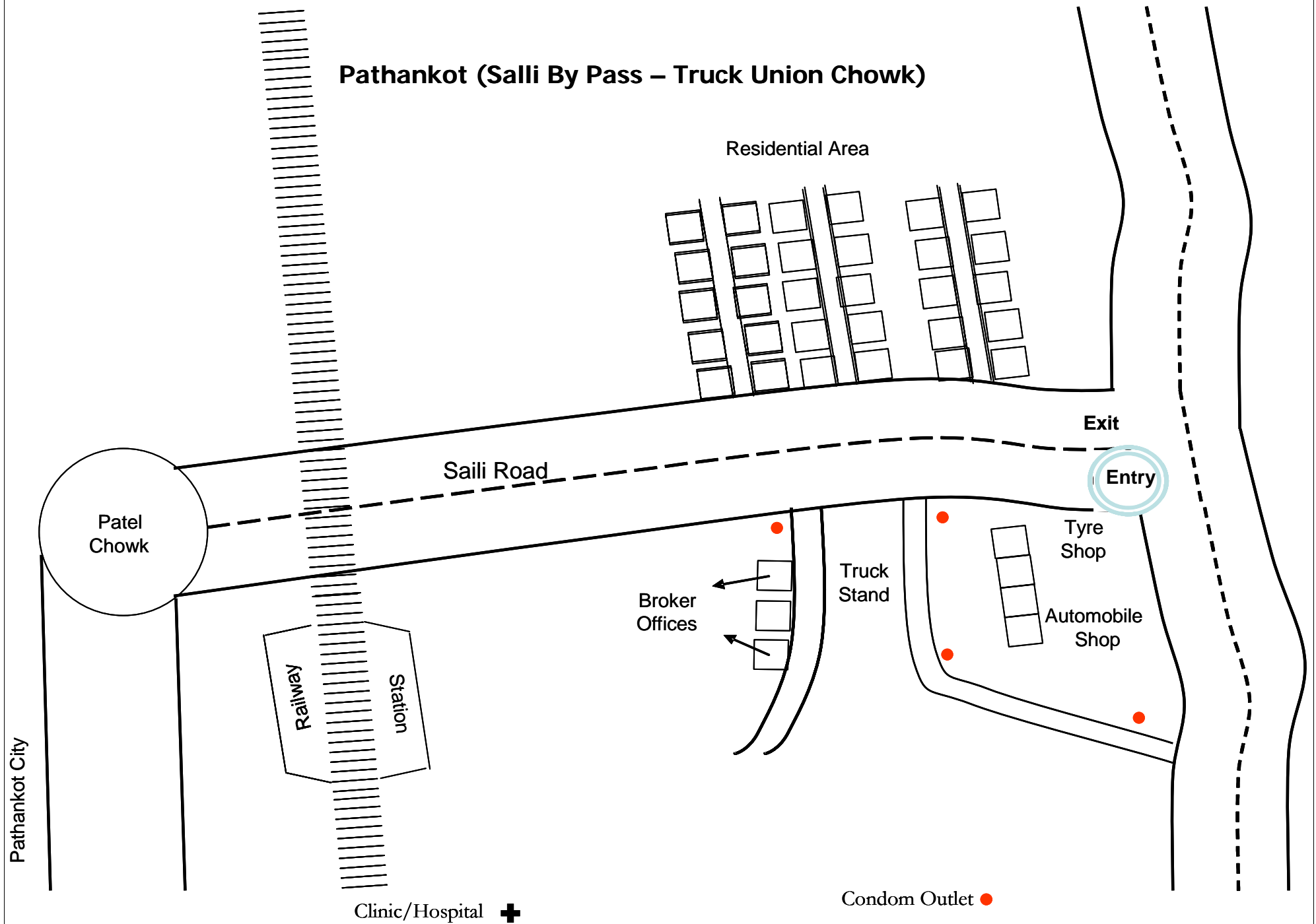
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 10 Enroute - 24%
% of truckers who had sexual intercourse in last 3 months	75%
Type of partners you have had sex in last three months	Commercial - 63.2% Non-Commercial - 89.5%
Usage of Condom while having sex in last three months	Always- 50% Sometimes- 50% Never- 0%
Participation in trucker welfare activities	4% Health Camps 4% Trucker Utsav

Unique Trucks per Month	38,692
Unique Truckers per month	10,4468
Unique Long Distance Trucks per Month	26,010
Unique Long Distance Truckers per Month	52,020

Snapshot of Association present in the TSL

- ❖ **Ludhiana Goods Transport** is functional in Amritsar Transport Nagar.
- ❖ Mr Ramji Mishra, manager of the association was contacted.
- ❖ This association organizes free medical camps and educating truck drivers on social issues
- ❖ According to the supervisor, "truck drivers stay out for long and hence access female sex worker to fulfill their physical requirement."
- ❖ In general truckers face problems like not getting proper food along highways and people always suspect truck drivers in cases of sexual matter.

Pathankot (Salli By Pass – Truck Union Chowk)



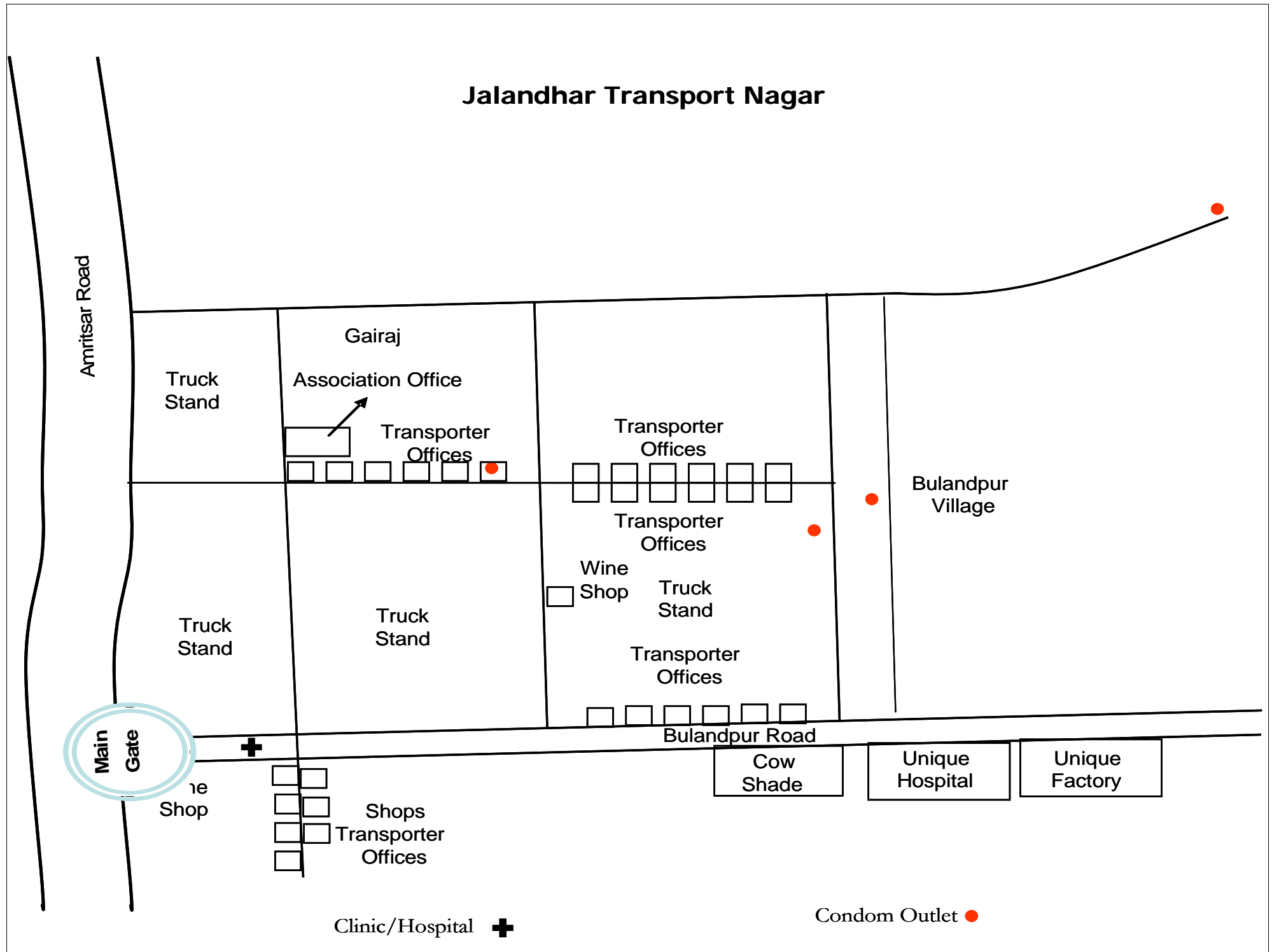
Trans-shipment Location Profile	
Name of TSL : City	Pathankot
Nearest NH	NH - 15
Approximate no. of Brokers	19
Peak Month	April, May & June
Association or Unions Present	No
Most Frequented Route	Punjab - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	5.3%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	130
Trucks per months	3900
Truck:Trucker	2.4
LDT per month (66%)	2,574

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 95%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial - 66.7% Non-Commercial - 88.9%
Usage of Condom while having sex in last three months	Always- 16% Sometimes- 40% Never- 44%
Participation in trucker welfare activities	30% NGOs Providing Medical Services 39% Health Camps 22% Trucker Utsav

Unique Trucks per Month	3,121
Unique Truckers per month	7,490
Unique Long Distance Trucks per Month	2,536
Unique Long Distance Truckers per Month	6,084

Jalandhar Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Jalandhar
Nearest NH	001
Approximate no. of Brokers	217
Peak Month	August & September
Association Present	No
Most Frequented Route	Punjab – Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	33.6%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	484
Trucks per months	14,520
Truck to Trucker ratio	2.4
LDT per month (86%)	12,487

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 11%
% of truckers who had sexual intercourse in last 3 months	89%
Type of partners you have had sex in last three months	Commercial - 37.5% Non-Commercial - 91.7%
Usage of Condom while having sex in last three months	Always- 8% Sometimes- 92% Never- 0%
Participation in trucker welfare activities	2% Trucker Utsav 2% Distribution of Condoms

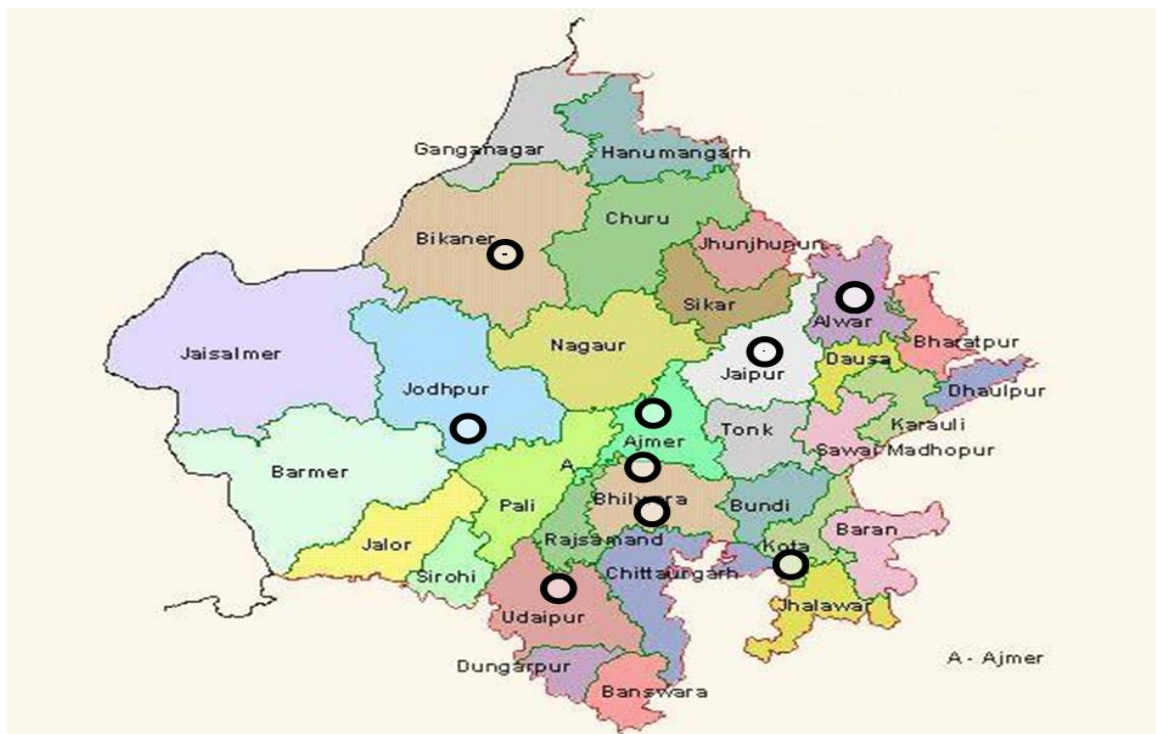
Unique Trucks per Month	8,442
Unique Truckers per month	20,261
Unique Long Distance Trucks per Month	7,839
Unique Long Distance Truckers per Month	18,814

Punjab TSLs at a glance...

- Four TSLs have been selected in the state of Punjab i.e. Jalandhar, Pathankot, Ludhiana Transport Nagar, Semrada Chowk and Amritsar Transport Nagar, all lie on NH-01. (Delhi-Amritsar Highway – North-North route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral.
- Besides NH-01, Jalandhar touches NH-71 and Amritsar touches NH-15.
- In the time frame of 24 hours, an estimated 2064 trucks enter in Ludhiana Transport Nagar, Semrada Chowk TSL. This implies that an estimated 61930 trucks enter in Ludhiana Transport Nagar, Semrada Chowk TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Gujarat.
- An estimated 86% long distance trucks enter in the TSL of Jalandhar every month.
- Ludhiana TSL has been ranked second highest high priority TSL center with 104468 unique truckers' right after Mumbai's TSL, Raigarh Kalamboli.
- Amritsar Transport Nagar and Jalandhar TSL have been categorized medium priority TSL centers with 26666 and 15444 unique truckers respectively.
- The non-availability of condoms has been observed in the TSL of Amritsar and Pathankot.
- A union has been discovered in two of the selected TSL of Punjab in Amritsar Transport Nagar the union works on educating truckers about HIV/AIDS and using condoms. In Ludhiana Transport Nagar, Semrada Chowk the union organizes free medical camps and educating truck drivers on social issues
- All the truckers (100%) interviewed in Punjab TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. 100% of the truckers in Punjab TSLs felt that they were at risk of getting HIV.

STATE 21: RAJASTHAN

RAJASTHAN MAP



Topography

Rajasthan is the largest state of Western India. About three-fifths of Rajasthan lies northwest of the Aravallis, leaving two-fifths on the east and south. Region borders Pakistan to the west, Gujarat to the southwest, Madhya Pradesh to the southeast, Uttar Pradesh and Haryana to the northeast and Punjab to the north.

Economy

Rajasthan has the eighth largest economy. The main economy of Rajasthan is agrarian based. Next to the agricultural sector, the Industry of Rajasthan plays a major role in the economy. The industrial sector accounts for about 32.5 per cent of the total share of the state's economy. The main industries of Rajasthan include textile, rugs, woolen goods, vegetable oil and dyes.

TSL Mapping Exercise

In Rajasthan twelve sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Rajasthan and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Ajmer**

Ajmer District is situated in the center of Rajasthan. Ajmer is 132 kilometers from Jaipur, the capital of Rajasthan. Like other cities in Rajasthan, Ajmer earns major proportion of revenue from tourism industry. NH 8 passes through the Ajmer district. The mapping was done at Kishangarh which lies to the North East of Ajmer city. An estimated 28,910 trucks enter Kishangarh TSL in a month.

- **Udaipur**

Udaipur district is located in southern most corner of Rajasthan. The economy of Udaipur is dependent on agriculture and the district produces paddy, jowar, maize, groundnut, wheat and barley. Udaipur district has 5 industrial units with 7,454 small scale and 35 large and medium running units. NH 8 and NH 76 passes through the Udaipur city. Also the district earns large revenue from tourism industry. An estimated 16,250 trucks enter Pratap Nagar Transport Nagar TSL in a month.

- **Alwar**

The district of Alwar is located in the north-eastern part of Rajasthan. Alwar is an important agricultural district of Rajasthan. Most of the agricultural land is irrigated with wells and tube wells. The district has fifteen industrial areas developed by RIICO. Alwar has many small and large scale industries that add to the revenue of the state. NH 8 passes through Bahrar city in Alwar district. The field work was done at Matsya Industrial Area which is 150 kms from Delhi. An estimated 20,120 trucks enter MIA Industrial Area TSL in a month.

- **Jaipur**

Jaipur also popularly known as the Pink City, is the capital of Rajasthan state. Jaipur city is the capital of the state of Rajasthan and is centrally located. The National Highway No.8 links Delhi to Mumbai Jaipur city is the capital of the state of Rajasthan and is centrally located. The National Highway No.8 links Delhi to Mumbai and No.11, linking Bikaner to Agra passes through Jaipur district to a total length of 366 km. In Jaipur 3 sites were mapped for this study, viz Jaipur transport Nagar, Jaipur VKIA & Shahpura Union.

- **Bhilwara**

Bhilwara is a huge city in Mewar region of Rajasthan, India, 600 km from Delhi. The city is connected by National Highway No. 79 through Jaipur, Ajmer and Udaipur, which makes the major cities accessible. The four lane highway is part of golden quadrilateral highway project of India and connects Bhilwara with major cities. Bhilwara has 7 industrial areas which houses 9,298 small scale units and 38 large and medium scale units. An estimated 22,680 trucks enter Bhilwara, Chittor Road, TSL in a month.

- **Jodhpur**

Jodhpur is the second largest city in the Indian state of Rajasthan Situated at the periphery of the Thar Desert. NH 65 passes through the main Jodhpur city while NH 15 passes through Phalodi in Jodhpur district. Bhilwara has 7 industrial areas which houses 9,298 small scale units and 38 large and medium scale units. An estimated 13,570 trucks enter Pratap Nagar Transport Nagar TSL in a month.

- **Kota**

Kota is located on the eastern banks for Chambal River. Kota district is famous for many industrial sites. Kota is major industrial hub in Rajasthan with many prominent chemical and engineering companies based in the city. The major industries of the district are the Kota Saree, Kota Stone, Chambal Fertilizers, Instrumentation Limited and DSCL. NH 8 passes through Kota connecting Jaipur with Udaipur. Kota Bhamasha mandi and Kota truck union were selected for this mapping exercise. An estimated 12,120 trucks enter Pratap Nagar Transport Nagar TSL in a month.

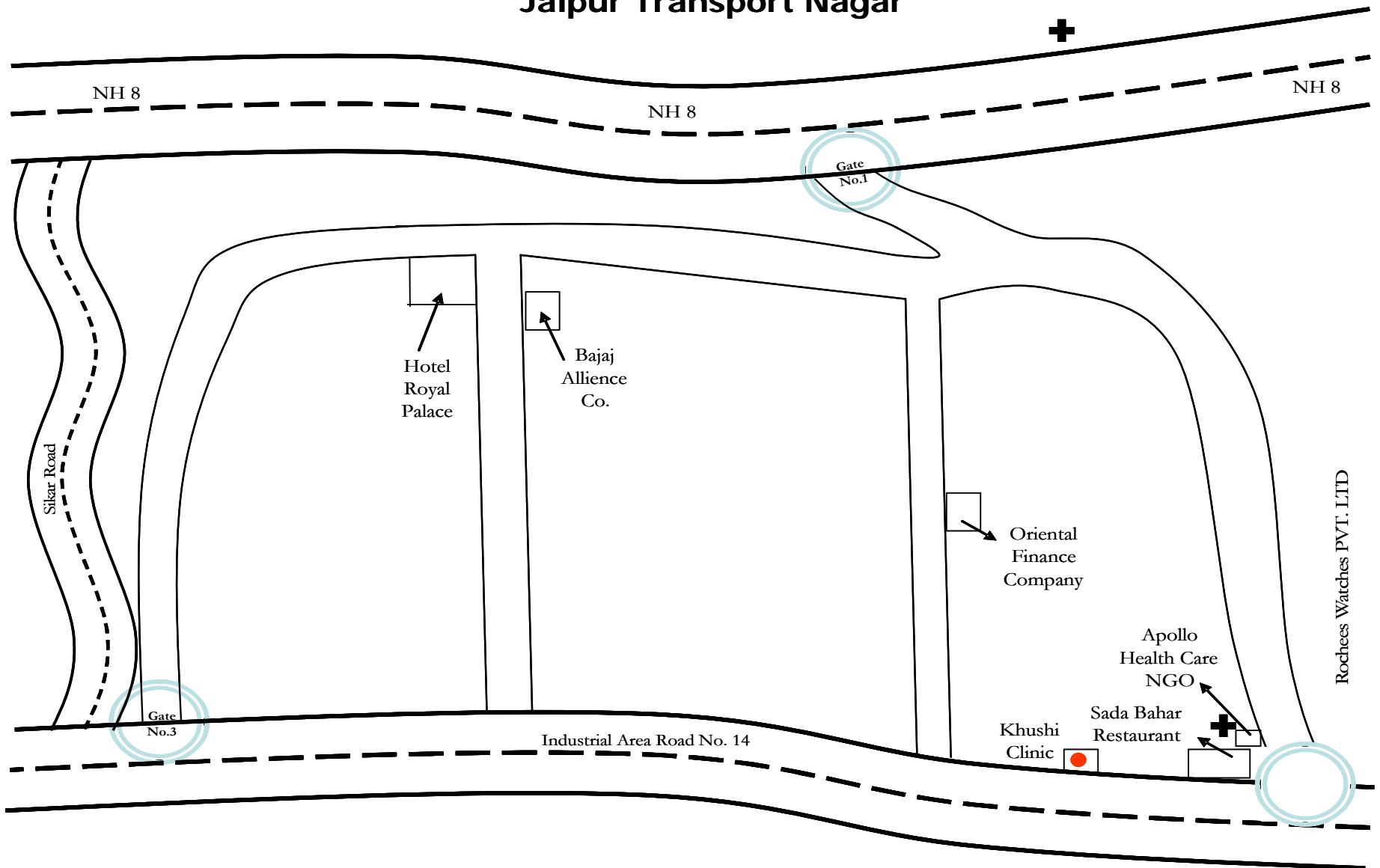
- **Bikaner**

Bikaner is a city in the northwest of the state of Rajasthan in western India. Bikaner is basically an agricultural district with cereals, pulses and oilseeds being the main agricultural products of the region. The district has few registered small scale industries and few employed persons. NH 89 passes through the Bikaner city. NH 89 passes through the city. An estimated 28,470 trucks enter Bikaner TSL in a month.

Snapshot of Rajasthan TSLs

Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Jaipur Transport Nagar	10,531	24,643	5,365	12,554
Kishangarh, Ajmer	9,821	22,981	7,627	17,847
Jaipur VKIA	6,533	15,287	5,192	12,149
Bhilwara Transport Nagar	6,020	14,087	4,554	10,656
Bikaner Transport Nagar	5,738	13,427	4,402	10,301
Alwar (MIA Industrial Area)	4329	10,130	3596	8,415
Jodhpur Transport Nagar	3,988	9,332	2,840	6,646
Shahpura Union	3,656	8,555	3,260	7,628
Udaipur Transport Nagar	2,277	5,328	1,594	3,730
Kota Bhamasha Mandi	1,872	4,380	590	1,381
Kota Truck Union	1,776	4,156	742	1,736

Jaipur Transport Nagar



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Transport Nagar, Jaipur
Nearest NH	NH 8
Approximate no. of Brokers	55
Peak Months	Dec, Jan, Feb
Association & NGO Present	Yes
Most frequented Route	Rajasthan - Delhi
% of drivers/cleaners staying for more than a day in this TSL	58%
Availability of health facility in/around TSL	Yes (NGO)

Mantab of trucks per day	1,760
Trucks per month	52,810
Proportion of Long Distance Trucks	41.5%
LDT per month	21,655

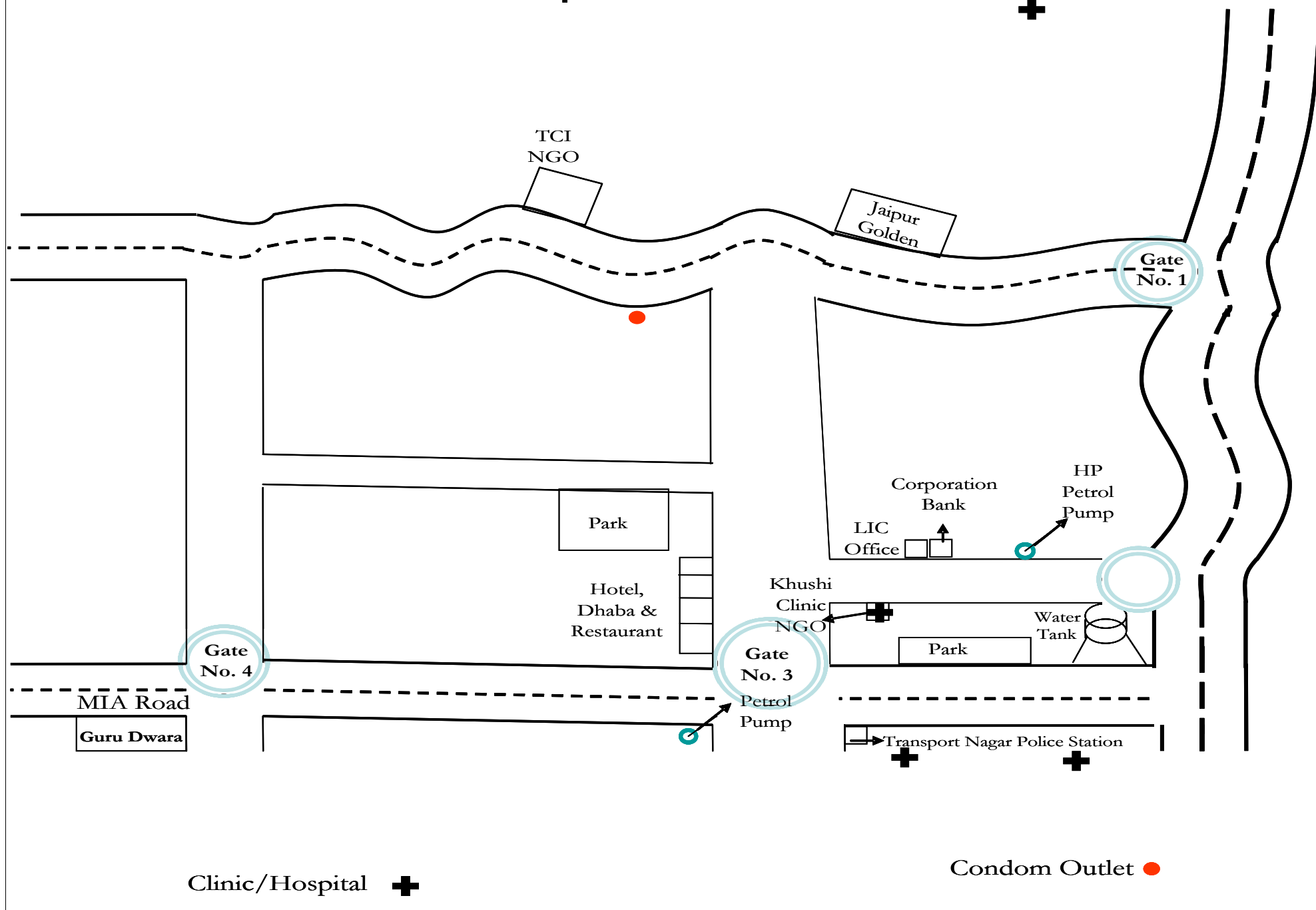
Trucker Behaviour	
Condom availability within/near the TSL	Available
% of truckers aware of FSW hubs	In/around TSL- None Enroute – 20%
% of truckers who had sexual intercourse in last 3 months	96%
Type of partners you have had sex in last three months	Commercial – 10% Non-Commercial – 92%
Usage of Condom while having sex in last three months	Always- 8% Sometimes- 44% Never- 48%
Participation in trucker welfare activities	<ul style="list-style-type: none"> ◆ 26% Trucker Utsav ◆ 12% Film Shows ◆ 10% Health camps

Unique Trucks per Month	10,531
Unique Truckers per month	24,643
Unique Long Distance Trucks per Month	5,365
Unique Long Distance Truckers per Month	12,554

Snapshot of Association / NGO present in the TSL

- ❖ **Jaipur Transport Operator Association** is functional in Jaipur Transport Nagar. This association was incepted in 1972. Also Vatsalya Jeevan Kiran **NGO** is operational in the same area
- ❖ Mr Gurnam Singh Gogia, Joint Secretary of the association and Mr Dhanraj Avasthi, male nurse of NGO was contacted.
- ❖ Both these organizations have been instrumental in solving problems of drivers and transporters, encouraging the truckers to participate in various welfare activities organized by different organizations etc.
- ❖ According to the President, Drivers should be made aware on HIV/AIDS issues as this is a fatal disease and is not curable
- ❖ Truckers in general lack proper infrastructure like water and sanitation facilities, lack of clinics on highways, overloading problems etc.
- ❖ Vatsalya Jeevan Kiran NGO wants to construct clinics on highway and check up camps for drivers. They also want to educate the drivers & transporters about HIV/AIDS.

Jaipur VKIA Road No. 14



Trans-shipment Location Profile	
Name of TSL : City	VKIA, Jaipur
Nearest NH	NH 8
Approximate no. of Brokers	448
Peak Months	Oct, Nov
NGO & Unions Present	Yes
Most frequented Route	Rajasthan - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	38%
Availability of health facility in/around TSL	Yes (NGO)

Mantab of trucks per day	783
Trucks per month	23,500
Proportion of Long Distance Trucks	59%
LDT per month	13,865

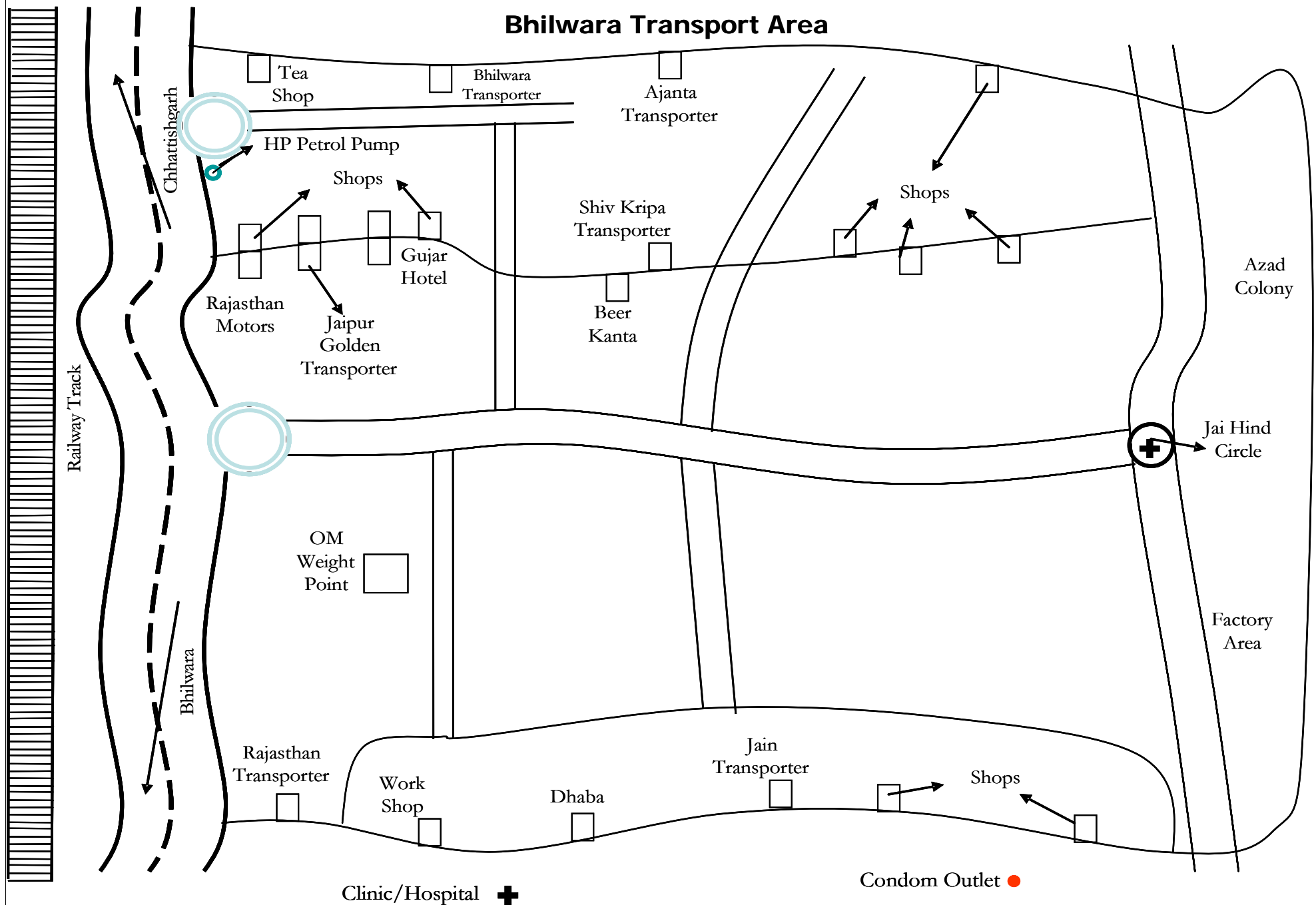
Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Available
Aware of FSW hubs (As reported by truckers)	In/around TSL- None Enroute – 98%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial –14% Non-Commercial –86%
Usage of Condom while having sex in last three months	Always- 4% Sometimes- 39% Never- 57%
Participation in trucker welfare activities	♦ 96% NGO prgm ♦ 84% Health camps ♦ 78% Distribution of condoms

Unique Trucks per Month	6,533
Unique Truckers per month	15,287
Unique Long Distance Trucks per Month	5,192
Unique Long Distance Truckers per Month	12,149

Snapshot of Association / NGO present in the TSL

- ❖ **Vishwakatma Transport Operator Union** is functional in VKIA, Jaipur. This association was incepted in 1988. Also **Apollo Healthcare (NGO)** is also operational in VKIA, Jaipur which was incepted in 1993.
- ❖ Bharat Singh, General Secretary of the association and Mr Mahesh Gurdas, secretary of Apollo Healthcare was contacted.
- ❖ The association has primarily worked in the areas of solving problem of truckers. They also organize bi-monthly meeting of all the brokers and discuss the problem of truckers with them. They also make drivers/cleaners aware about Khushi Clinics for any HIV/STI related problem. The NGO also educates the truckers in adopting safe sexual practices. The NGO also organizes camps on a regular basis.
- ❖ The union helps the truckers in solving money matters, giving them work and checking them against HIV/AIDS.
- ❖ According to the key informants some of the problems faced by truckers are lack of infrastructure, lack of parking space, police harassment, difficulty in educating them about social issues etc.
- ❖ They encourage and bring truckers to Khushi Clinic and educate them about methods of prevention of HIV/AIDS.

Bhilwara Transport Area



Trans-shipment Location Profile	
Name of TSL : City	Transport Nagar, Chittor Road, Bhilwara
Nearest NH	NH 8
Approximate no. of Brokers	153
Peak Months	Oct, Nov
Association Present	Yes
Most frequented Route	Rajasthan - Delhi
% of drivers/cleaners staying for more than a day in this TSL	58%
Availability of health facility in/around TSL	Yes

Mantab of trucks per day	756
Trucks per month	22,680
Proportion of Long Distance Trucks	48.5%
LDT per month	11,000

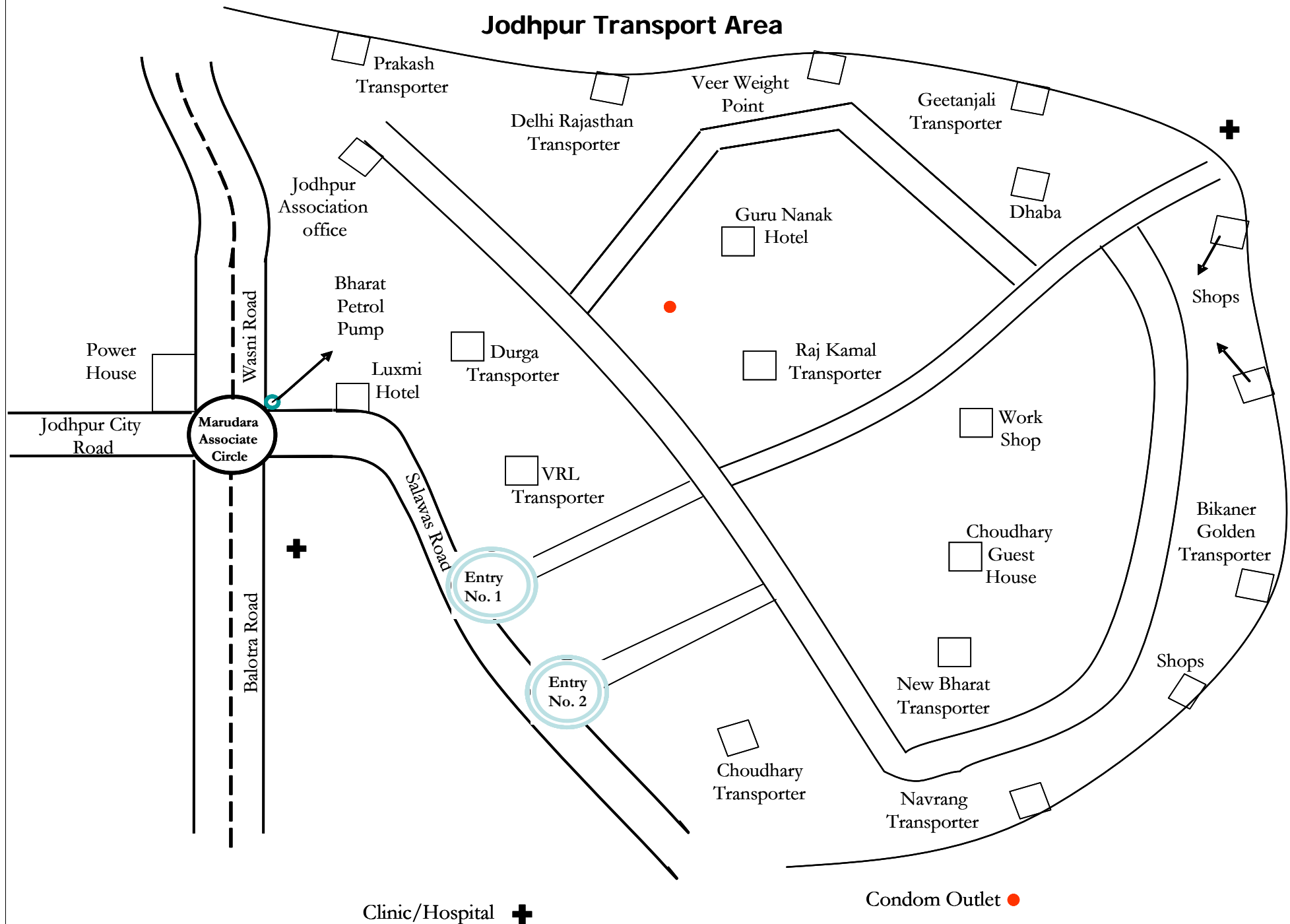
Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	No
Aware of FSW hubs (As reported by truckers)	In/around TSL- 65% Enroute – 67%
% of truckers who had sexual intercourse in last 3 months	63%
Type of partners you have had sex in last three months	Commercial – 23% Non-Commercial – 77%
Usage of Condom while having sex in last three months	Always- 9% Sometimes- 43% Never- 49%
Participation in trucker welfare activities	♦ 78% GD's ♦ 62% Street Plays ♦ 60% Film Shows

Unique Trucks per Month	6,020
Unique Truckers per month	14,087
Unique Long Distance Trucks per Month	4,554
Unique Long Distance Truckers per Month	10,656

Snapshot of Association present in the TSL

- ❖ **Bhilwara Goods Association** is functional in Transport Nagar, Bhilwara. This association was incepted in 1983.
- ❖ Vishwabandhu Singh, President of the association was contacted.
- ❖ They have primarily worked in the areas of solving problem of truckers. They assist the truckers in dealing with governmental and policy issues and monetary problems.
- ❖ According to the President there is a need to stop unsafe sex. There is no hospital, electrical facility and no good eating joints. Government should help media so that every individual is aware about HIV/AIDS
- ❖ They encourage and bring truckers to Khushi Clinic and educate them about methods of prevention of HIV/AIDS.
- ❖ They are willing to participate in trucker welfare activities organized by government. Garib Nawaj NGO organized it last year.

Jodhpur Transport Area



Trans-shipment Location Profile	
Name of TSL : City	Transport Nagar, Basni, Jodhpur
Nearest NH	NH 65
Approximate no. of Brokers	157
Peak Months	October, November
Association Present	Yes
Most frequented Route	Rajasthan - Gujarat
% of drivers/cleaners staying for more than a day in this TSL	61%
Availability of health facility in/around TSL	Yes

Mantab of trucks per day	452
Trucks per month	13,570
Proportion of Long Distance Trucks	43.5%
LDT per month	5,903

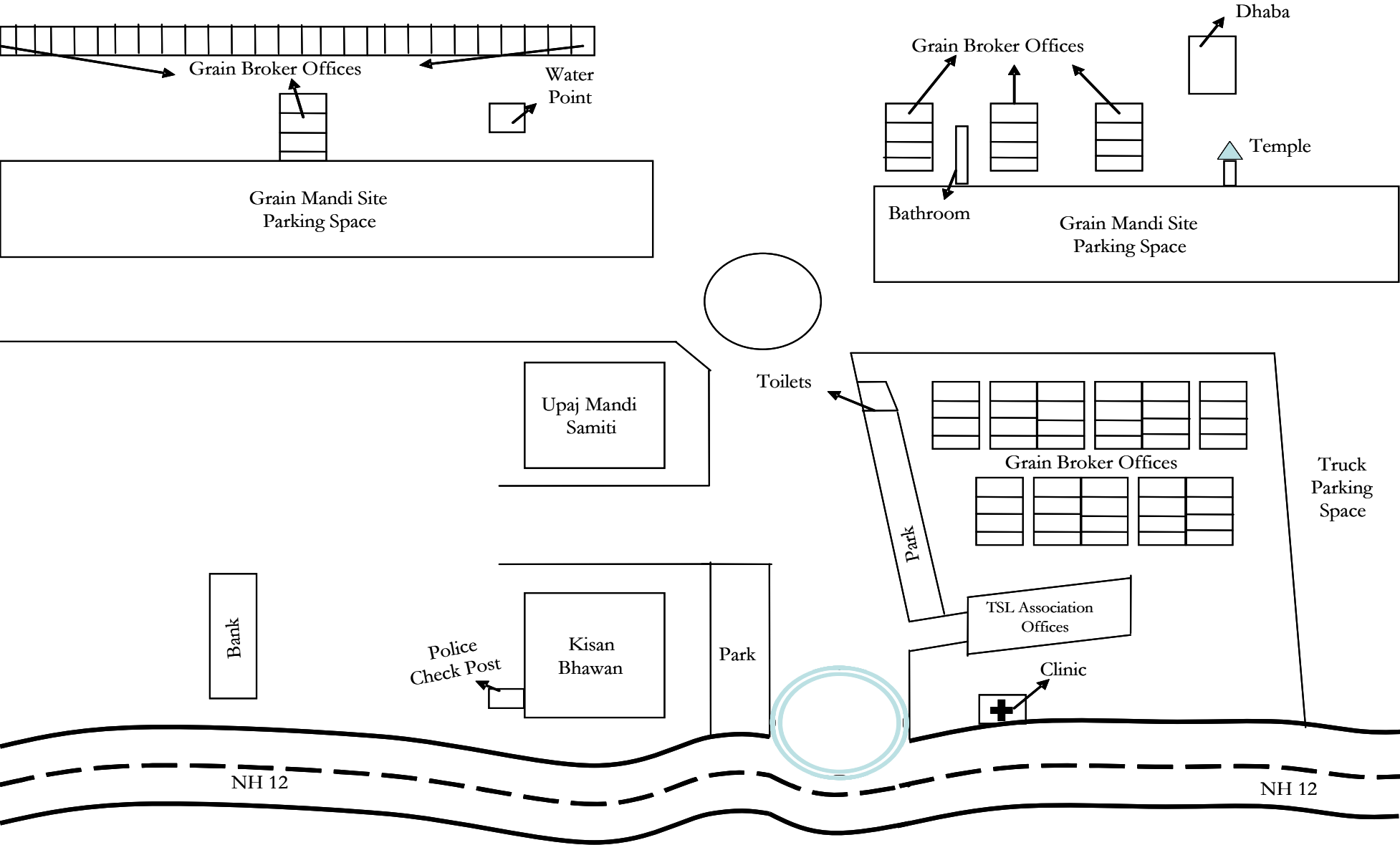
Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Yes
Aware of FSW hubs (As reported by truckers)	In/around TSL- 64% Enroute – 53%
% of truckers who had sexual intercourse in last 3 months	71%
Type of partners you have had sex in last three months	Commercial – 26% Non-Commercial – 74.5%
Usage of Condom while having sex in last three months	Always- 18% Sometimes- 31% Never- 51%
Participation in trucker welfare activities	91% GD's 71% Film Shows 60% Health Camps

Unique Trucks per Month	3,988
Unique Truckers per month	9,332
Unique Long Distance Trucks per Month	2,840
Unique Long Distance Truckers per Month	6,646

Snapshot of Association present in the TSL

- ❖ **Jodhpur Goods Transport Association** is functional in Jodhpur TSL. This association was incepted in 1985.
- ❖ Darma Ram Chowdhary, President of the association was contacted.
- ❖ They have organized a few HIV/AIDS camps from truck drivers and eye check up camps. They have been also doing driver license camps for truckers.
- ❖ The association feels that HIV/AIDS is an dangerous disease and "AIDS means death".
- ❖ According to the President some of the problems faced by truckers are lack of infrastructure facilities like bathing, shortage of urinals, lack of parking space, cloth washing problem etc
- ❖ They have made manav hospital and want to improve parking space, making compensation available to the families of deceased drivers, constructing more public toilets/urinals
- ❖ They are willing to participate in any of the trucker welfare programmes organized by government and they have participated before as well on two camps

Bhamashah Mandi Kota



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Kota, Bhamashah Mandi
Nearest NH	NH 76
Approximate no. of Brokers	None (Only food grain brokers available)
Peak Months	Uniform across the year
Association/Unions Present	No
Most frequented Route	Rajasthan – Madhya Pradesh
% of drivers/cleaners staying for more than a day in this TSL	8%
Availability of health facility in/around TSL	Yes (Private Allopathic clinic, Ayurvedic clinic)

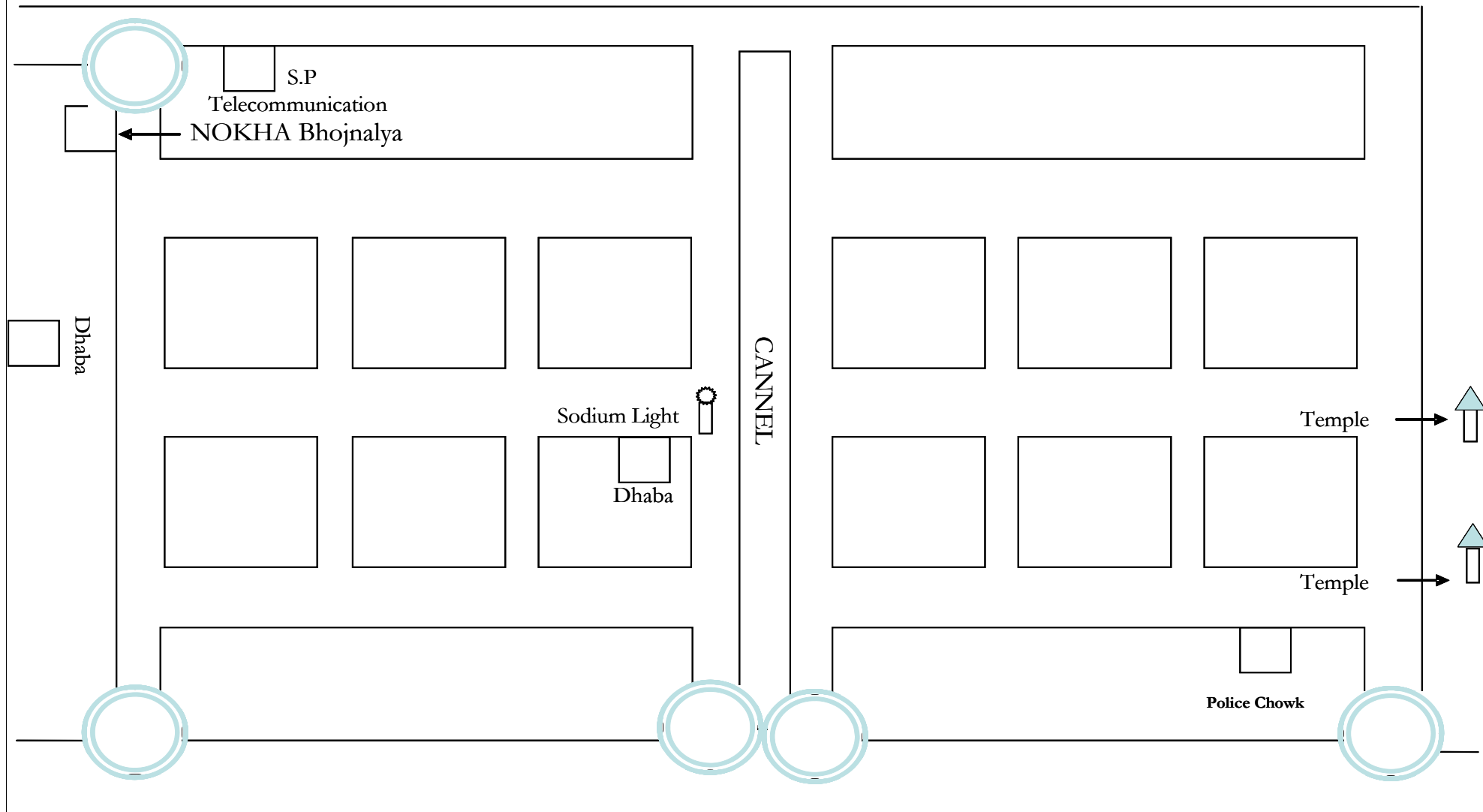
Mantab of trucks per day	404
Trucks per month	12,120
Proportion of Long Distance Trucks	25.5%
LDT per month	3,091

Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	No
% of truckers aware of FSW hubs (As reported by truckers)	In/around TSL- 4% Enroute – 30%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial – 24% Non-Commercial – 98%
Usage of Condom while having sex in last three months	Always- 10% Sometimes- 21% Never- 69%
Participation in trucker welfare activities	34% Distribution of condoms 12% trucker Utsav

Unique Trucks per Month	1,872
Unique Truckers per month	4,380
Unique Long Distance Trucks per Month	590
Unique Long Distance Truckers per Month	1,381

Bikaner Transport Nagar

Cannel



AGRICULTURE UNIVERSITY

Clinic/Hospital +

Condom Outlet ●

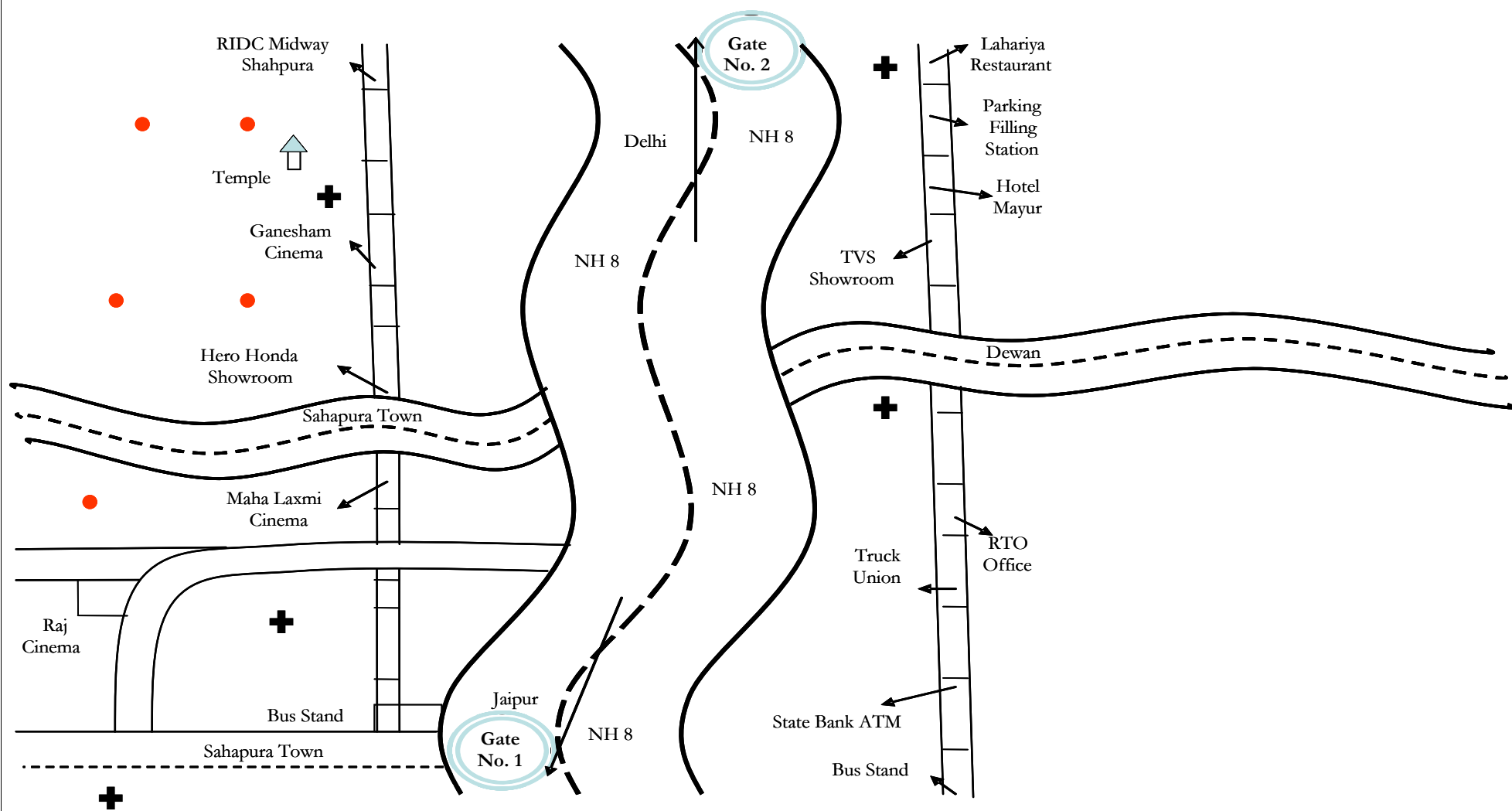
Trans-shipment Location Profile	
Name of TSL : City	Bikaner
Nearest NH	NH 15
Approximate no. of Brokers	52
Peak Months	April, May
Association/Unions Present	No
Most frequented Route	Delhi – Gujarat
% of drivers/cleaners staying for more than a day in this TSL	25%
Availability of health facility clinic in/around TSL	No

Mantab of trucks per day	949
Trucks per month	28,470
Proportion of Long Distance Trucks	61%
LDT per month	17,367

Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	No
Aware of FSW hubs (As reported by truckers)	In/around TSL- None Enroute – 27%
% of truckers who had sexual intercourse in last 3 months	93%
Type of partners you have had sex in last three months	Commercial – 29.4% Non-Commercial – 96%
Usage of Condom while having sex in last three months	Always- 47% Sometimes- 35% Never- 18%
Participation in trucker welfare activities	45% Street Plays 35% Distribution of condoms 27% Health camps

Unique Trucks per Month	5,738
Unique Truckers per month	13,427
Unique Long Distance Trucks per Month	4,402
Unique Long Distance Truckers per Month	10,301

Shahpura Transport Nagar



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Shahpura Union
Nearest NH	NH 8
Approximate no. of Brokers	350
Peak Months	March, April
Union Present	Yes
Most frequented Route	Delhi – Gujarat
% of drivers/cleaners staying for more than a day in this TSL	0.5%
Availability of health facility in/around TSL	Yes

Mantab of trucks per day	526
Trucks per month	15,770
Proportion of Long Distance Trucks	82%
LDT per month (97.4%)	12,931

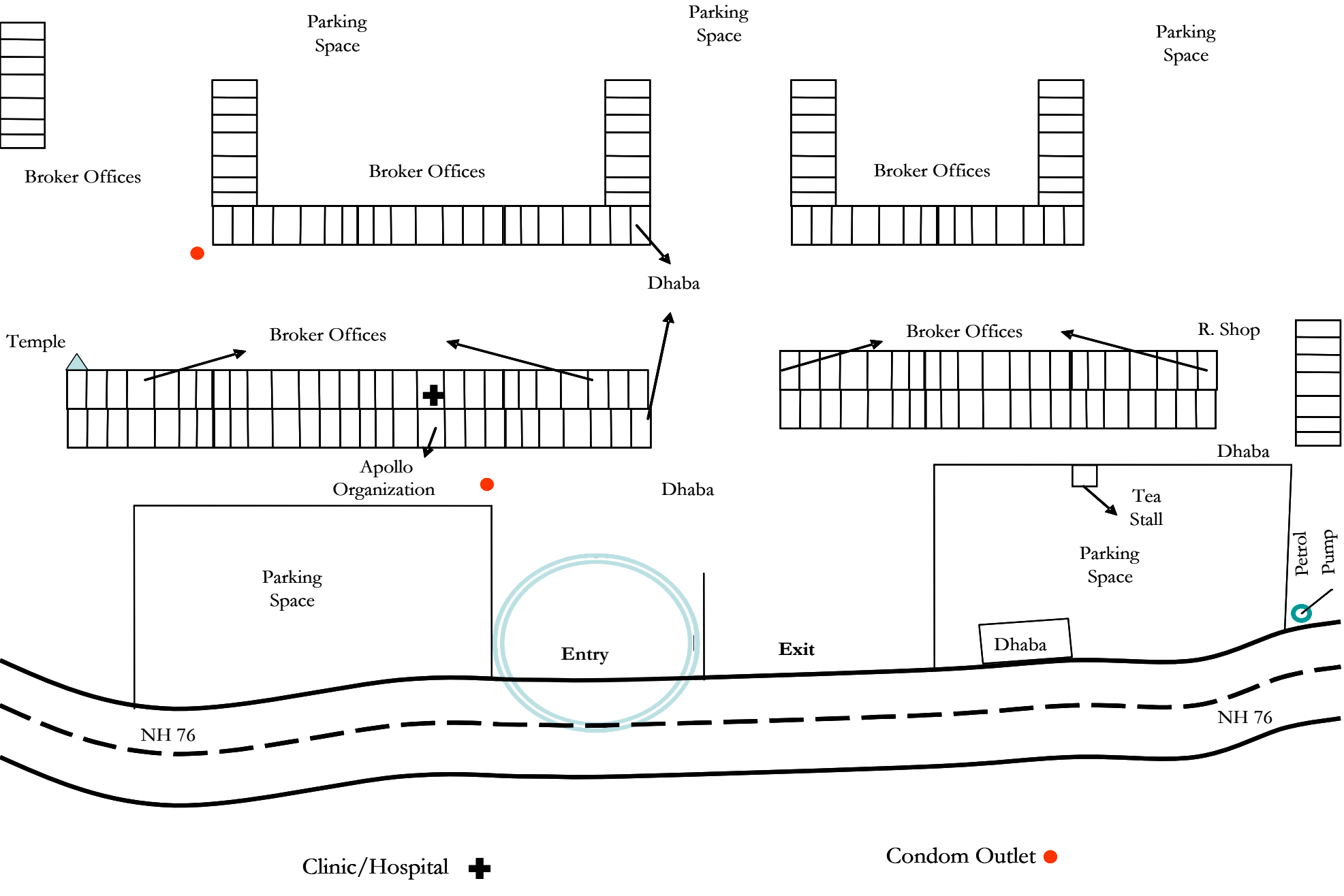
Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Yes
Aware of FSW hubs (As reported by truckers)	In/around TSL- None Enroute – 73%
% of truckers who had sexual intercourse in last 3 months	94.5%
Type of partners you have had sex in last three months	Commercial – 29% Non-Commercial – 96%
Usage of Condom while having sex in last three months	Always- 6% Sometimes- 62% Never- 33%
Participation in trucker welfare activities	36% NGO Programmes 35% Film Shows 18% Distribution of condoms

Unique Trucks per Month	3,656
Unique Truckers per month	8,555
Unique Long Distance Trucks per Month	3,260
Unique Long Distance Truckers per Month	7,628

Snapshot of Union present in the TSL

- ❖ **Truck Operators Union** is functional in Shahpura Union TSL. This association was incepted in 1980.
- ❖ Mr Arjun Lal Chowdhary, President of the union was contacted.
- ❖ Union looks after the welfare of truck Owners and truck drivers. It also assists truck owners in dealing with different department of government
- ❖ The union haven't organized any truck welfare activities in past. However, they feel it is important to educate the truck drivers on HIV/AIDS issues
- ❖ According to the President, Truckers' in general face problems like police haraasment at RTO, Transport owners not giving money to drivers on time.
- ❖ They are willing to participate in any of the trucker welfare programmes organized by government.

Pratap Transport Nagar Udaipur



Trans-shipment Location Profile	
Name of TSL : City	Transport Nagar, Pratap Nagar, Udaipur
Nearest NH	NH 8
Approximate no. of Brokers	150
Peak Months	October, November
Association Present	Yes
Most frequented Route	Maharashtra – Rajasthan
% of drivers/cleaners staying for more than a day in this TSL	25%
Availability of health facility in/around TSL	Yes (Private Allopathic clinic, NGO)

Mantab of trucks per day	542
Trucks per month	16,250
Proportion of Long Distance Trucks	57.5%
LDT per month	9,344

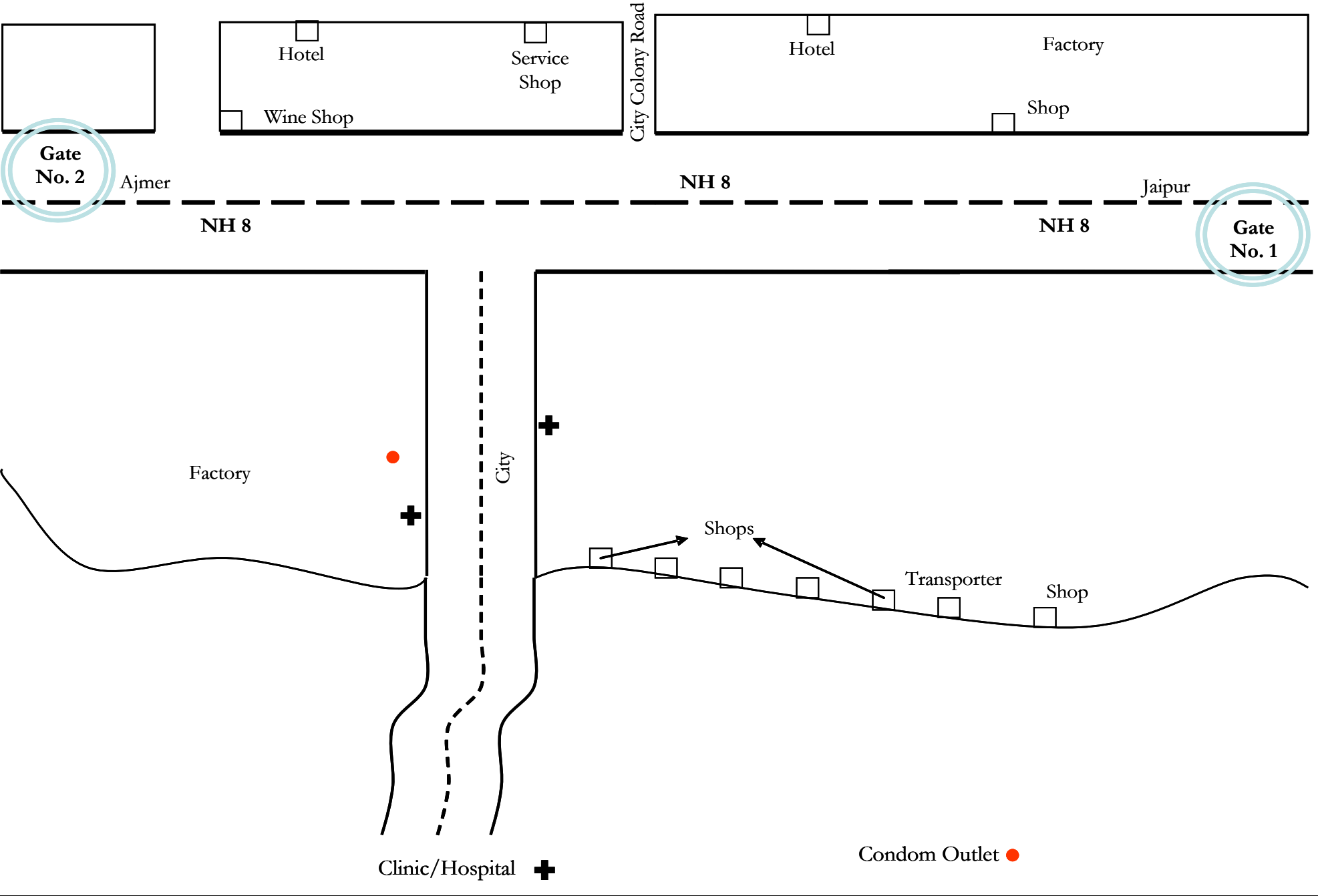
Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Available
Aware of FSW hubs (As reported by truckers)	In/around TSL- None Enroute – 94.5%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial – 30% Non-Commercial – 96%
Usage of Condom while having sex in last three months	Always- 2% Sometimes- 39% Never- 59%
Participation in trucker welfare activities	46% Trucker Utsav 46% Health Check up camps 46% Distribution of condoms

Unique Trucks per Month	2,277
Unique Truckers per month	5,328
Unique Long Distance Trucks per Month	1,594
Unique Long Distance Truckers per Month	3,730

Snapshot of Association present in the TSL

- ❖ **Astitva Association** is functional in Pratap Nagar, Udaipur TSL. This association was incepted in 2005.
- ❖ Mr Anjum Sayyad, Director of the NGO was contacted.
- ❖ They have organized trucker welfare activities for truck drivers and have organized AIDS awareness and prevention campaign, condom promotion, STI Identification and Management, Community mobilization, mega events.
- ❖ The association feels that most of the drivers/cleaners suffer from HIV/AIDS. Hence condom should be used for every sexual activity.
- ❖ The NGO plans to treat STI Patients, and start community based organization
- ❖ They are willing to participate in any of the trucker welfare programmes organized by government.

Kishangarh Transport Area Ajmer



Trans-shipment Location Profile	
Name of TSL : City	Kishangarh, Ajmer
Nearest NH	NH 8
Approximate no. of Brokers	158
Peak Months	March, April
Association Present	Yes
Most frequented Route	Rajasthan - Delhi
% of drivers/cleaners staying for more than a day in this TSL	57%
Availiability of health facility in/around TSL	Yes

Mantab of trucks per day	964
Trucks per month	28,910
Proportion of Long Distance Trucks	51.7%
LDT per month	14,946

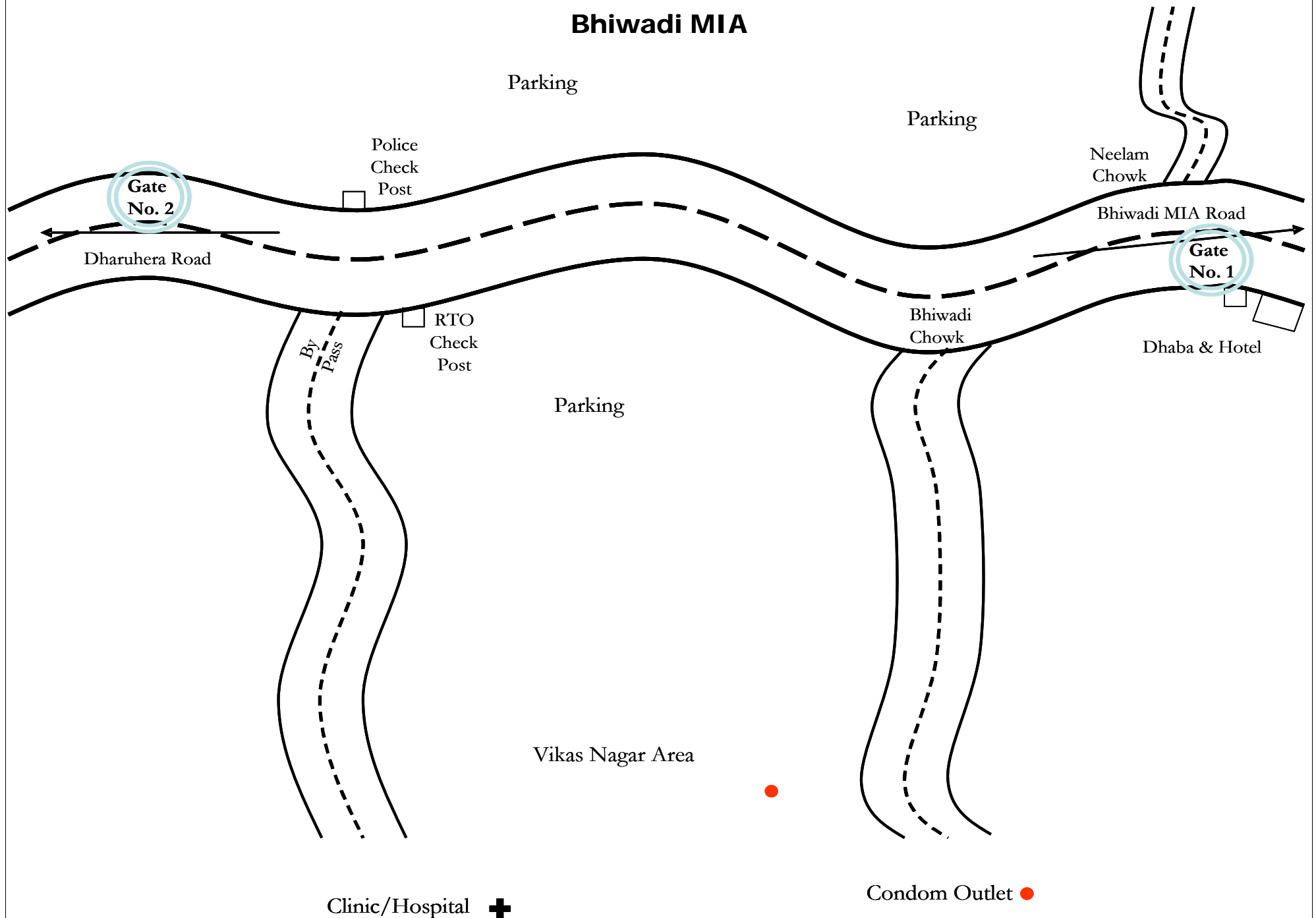
Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Yes
Aware of FSW hubs (As reported by truckers)	In/around TSL- 80% Enroute – 27%
% of truckers who had sexual intercourse in last 3 months	72%
Type of partners you have had sex in last three months	Commercial – 87.5% Non-Commercial – 12.5%
Usage of Condom while having sex in last three months	Always- 13% Sometimes- 30% Never- 58%
Participation in trucker welfare activities	78% Trucker Utsav 76% Group Discussion 65% Film Shows

Unique Trucks per Month	9,821
Unique Truckers per month	22,981
Unique Long Distance Trucks per Month	7,627
Unique Long Distance Truckers per Month	17,847

Snapshot of Association present in the TSL

- ❖ **Kishangarh Transport Association** (Madanganj-Kishangarh) is functional in Kishangarh TSL. This associaton was incepted in 1999.
- ❖ Suraj Kumar Badjatya, President of the association was contacted.
- ❖ They have organized trucker welfare activities for truck drivers and have organized AIDS awareness and prevention campaign, usage condoms, eye check up camps, trucker Utsav, counseling in regards to health related issues etc.
- ❖ The association feels that most of the drivers/cleaners are illiterates, hence there is a need to make them aware on issues like HIV/AIDS etc as they have incomplete knowledge about he same.
- ❖ According to the President some of the problems faced by truckers are lack of infrastructure facilities like bathing, shortage of urinals, lack of parking space etc
- ❖ They are not willing to participate in any of the trucker welfare programmes organized by government.

Bhiwadi MIA



Trans-shipment Location Profile	
Name of TSL : City	Alawar Bhiwari MIA Industrial Area
Nearest NH	NH 8
Approximate no. of Brokers	55
Peak Months	April, May
Association/Unions Present	No
Most frequented Route	Rajasthan- Delhi
% of drivers/cleaners staying for more than a day in this TSL	22.5%
Availabilty of health facility in/around TSL	No

Mantab of trucks per day	671
Trucks per month	20,120
Proportion of Long Distance Trucks	71.5%
LDT per month	14,386

Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Yes
Aware of FSW hubs (As reported by truckers)	In/around TSL- None Enroute – 65%
% of truckers who had sexual intercourse in last 3 months	85%
Type of partners you have had sex in last three months	Commercial – 19% Non-Commercial – 98%
Usage of Condom while having sex in last three months	Always- 38% Sometimes- 49% Never- 13%
Participation in trucker welfare activities	47% Street Plays 31% Distribution of Condoms 18% Trucker Utsav

Unique Trucks per Month	4329
Unique Truckers per month	10,130
Unique Long Distance Trucks per Month	3596
Unique Long Distance Truckers per Month	8,415

Kota Truck Union

Parking Space

Parking Space1

Parking Space

Parking Space

Exit
Point

Repairing Shop

Tea
Shop

Water
Point

Dhaba

Bathroom

Truck Union
Office

Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Kota Truck Union
Nearest NH	NH 76
Approximate no. of Brokers	268
Peak Months	October, November
Association/Unions Present	No
Most frequented Route	Rajasthan-Punjab
% of drivers/cleaners staying for more than a day in this TSL	15%
Availability of health facility in/around TSL	No

Unique Trucks per Month	1,776
Unique Truckers per month	4,156
Unique Long Distance Trucks per Month	742
Unique Long Distance Truckers per Month	1,736

Trucker Behaviour	
Condom availability within/near the TSL (Through Observation)	Not Availabel
Aware of FSW hubs (As reported by truckers)	In/around TSL- 8% Enroute – 40%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial – 25.8% Non-Commercial – 74.2%
Usage of Condom while having sex in last three months	Always- 9% Sometimes- 28% Never- 64%
Participation in trucker welfare activities	36% Trucker Utsav 36% Distribution of condoms 24% Health Camps

Mantab of trucks per day	451
Trucks per month	13,520
Proportion of Long Distance Trucks	31%
LDT per month	4,191

Snapshot of Association present in the TSL

- ❖ **Public Carrier Truck Association** is functional in Kota TSL. This association was incepted in 1998.
- ❖ Lokendra Singh Rajawat, Chief Secretary of the association was contacted.
- ❖ They have organized social events like AIDS Control camp, free condoms distribution and free eye check up camps.
- ❖ The association feels that because of non availability of clinic truck drivers don't get to know about the disease at the right time.
- ❖ They are willing to participate in any of the trucker welfare programmes organized by government

Rajasthan TSLs at Glance.....

- In 24 hours time frame, an estimated 1760 trucks enter Jaipur Transport Nagar. This implies that there are around 52,810 entries of trucks at this TSL per month. This is by far the busiest TSLs in terms of traffic out of all the mapped sites in Rajasthan.
- Jaipur VKIA (Vishwakarma Industrial Area) also attracts around estimated 23,500 total trucks and 6,533 total unique trucks in a month.
- Jaipur Transport Nagar and Jaipur VKIA Transport Nagar, combined together can serve as a strategic intervention point in Rajasthan.
- Shahpura, Jaipur, Kishangarh and Udaipur lie on NH 8 which is the Delhi Mumbai Highway in the Golden Quadrilateral.
- Interestingly, 80% of the truckers interviewed were aware of the FSW hubs in/around the Kishangarh TSL. Whereas the awareness in Jodhpur and Bikaner is estimated to be around 65% each.
- Rajasthan is strategically located where it handles most of the traffic on the North-West corridor which is the busiest of all the corridors.
- An overwhelming majority of the truckers (96%) interviewed in Rajasthan TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In Rajasthan 28% of the truckers in Rajasthan felt that they were at risk of getting HIV.

STATE 22: TAMIL NADU



Topography

Tamil Nadu, lies on the eastern coast of the southern Indian Peninsula bordered by Puducherry (Pondicherry), Kerala, Karnataka and Andhra Pradesh. It is bound by the Eastern Ghats in the north, the Nilgiri, the Anamalai Hills, and Palakkad on the west, Bay of Bengal in the east, Gulf of Mannar, Palk Strait in the south east and Indian Ocean in the south. It is the fifth largest contributor to India's GDP and the most urbanised state in India.

Economy

It is the fifth largest contributor to India's GDP and the most urbanised state in India. The state has the highest number (10.56%) of business enterprises in India, compared to the population share of about 6%. It is one of the foremost states in the country in terms of overall development. It is home to many natural resources, rare flora and fauna etc.

TSL Mapping Exercise

In Tamil Nadu two sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Tamil Nadu and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Coimbatore**

Coimbatore is one of the major industrial cities in Tamil Nadu and is called the Manchester of Southern India. The city has six major arterial roads and three National Highways. NH-47 (Kanyakumari–Salem), NH-67 (Mysore–Nagappattinam) and NH-209 (Bangalore–Dindigul). An estimated 1927 trucks enter in Coimbatore Devnashi Road (Cochin road) Ukk adam.

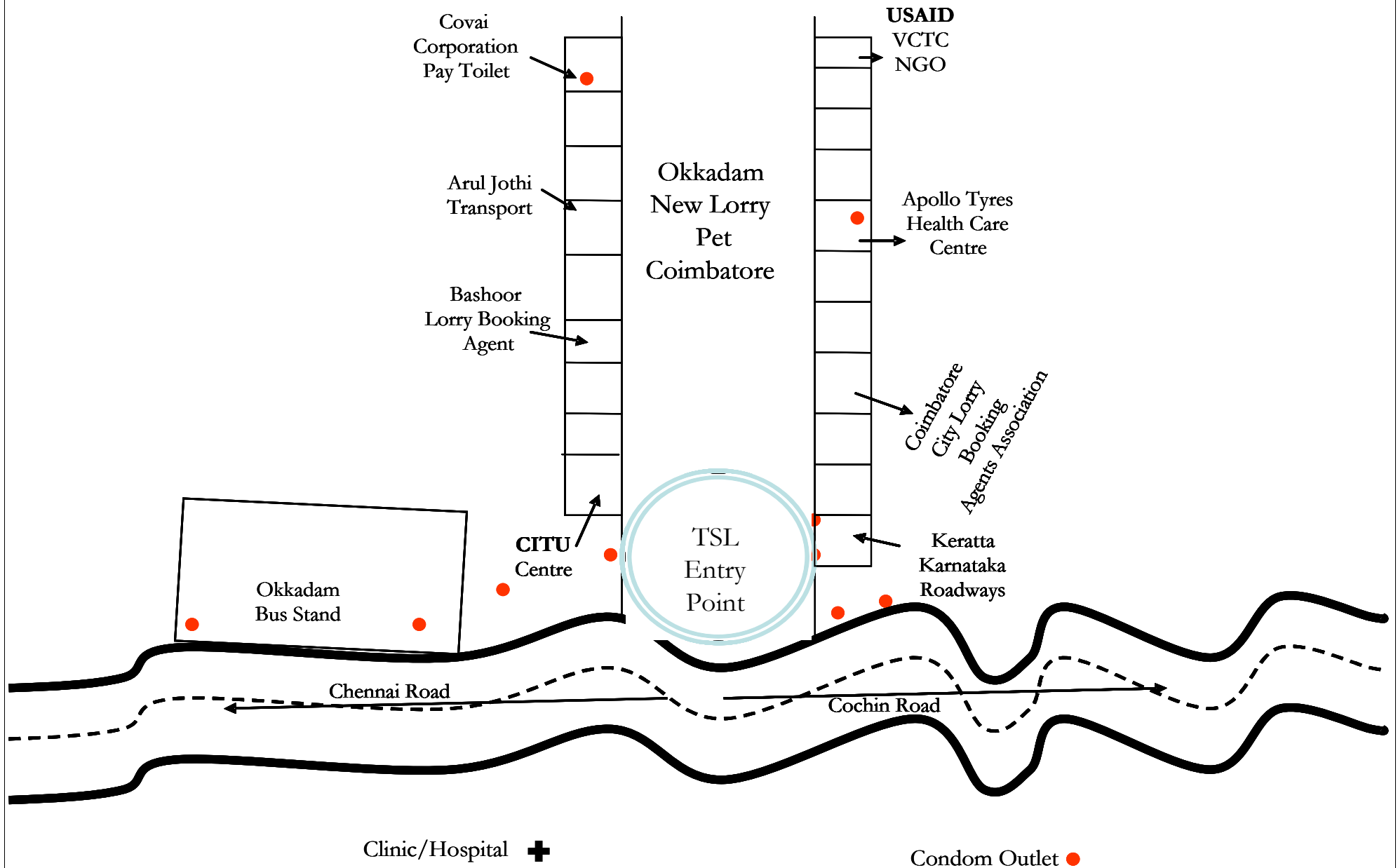
- **Salem (Shevapet Lorry Stand)**

Salem is known as the Mango city in Tamilnadu, India. It also has a steel plant run by the SAIL and the brand Salem Stainless Steel is very widely known. Salem is one of the largest producers of traditional silver anklets, which is popular among women of India. NH-07 passes through Salem. An estimated 2082 trucks enter in Salem (Shevapet Lorry Stand).

Snapshot of Tamil Nadu TSLs

Name of the TSL	Unique	Unique	Unique	Unique
	Trucks	Tuckers	Long Distance Trucks	Long Distance Truckers
Salem (Shevapet Lorry Stand)	2082	5746	958	2645
Coimbtore Devnashi Road (Cochin Road) Ukkadam	1927	5357	666	1850

Coimbatore



Trans-shipment Location Profile	
Name of TSL : City	Coimbtore Devnashi Road (Cochin Road) Ukkadam
Nearest NH	047
Approximate no. of Brokers	28
Peak Month	January, March & October
Association or NGO Present	Yes
Most frequented Route	Tamilnadu - Kerela
% of drivers/cleaners staying for more than a day in this TSL	48%
Availability of Health Facility in/around TSL	Yes (NGOs)

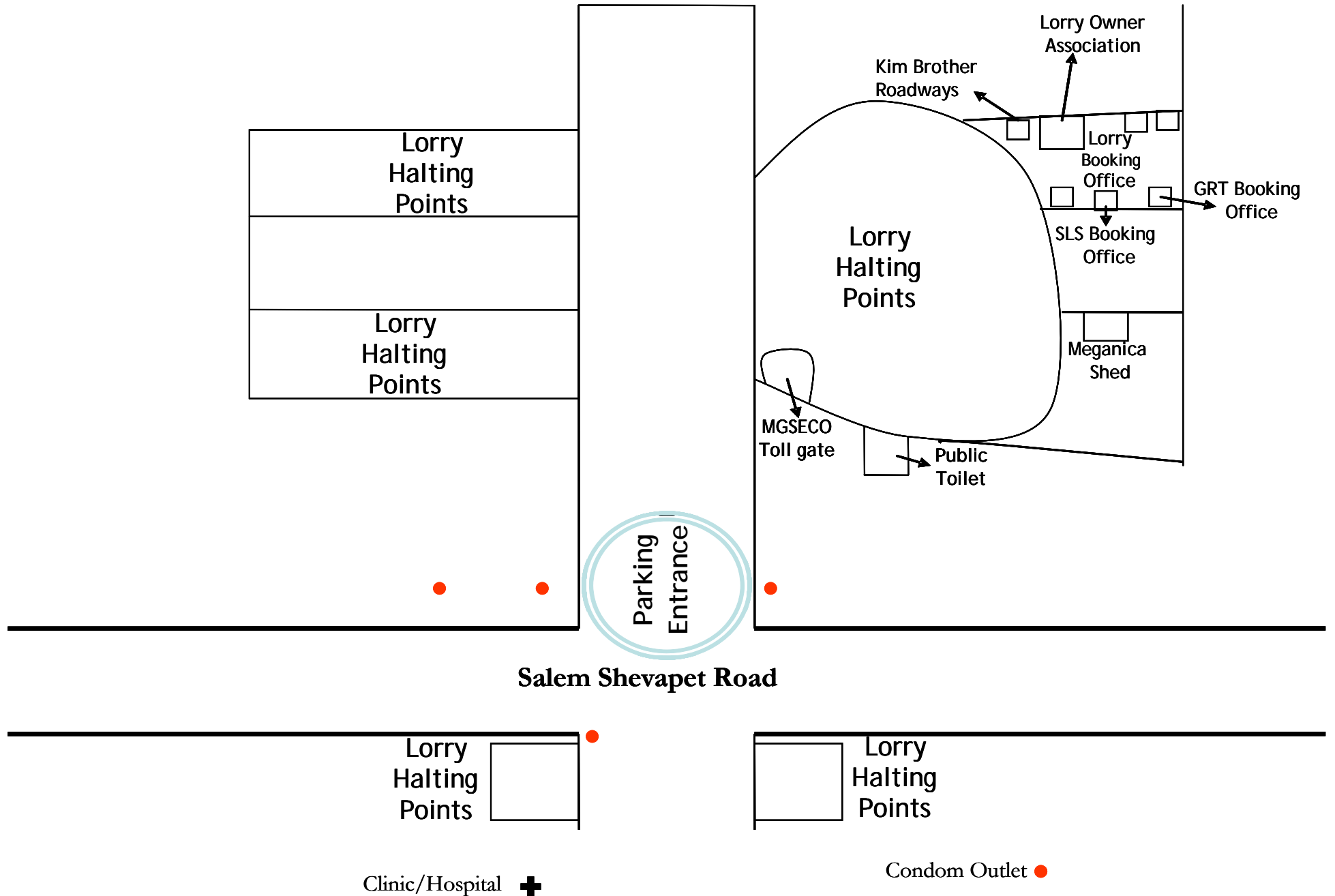
Mantab of trucks per day	257
Trucks per months	7710
Truck:Trucker	2.8
LDT per month (63.5%)	1812

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 68% Enroute - 88%
% of truckers who had sexual intercourse in last 3 months	98%
Type of partners you have had sex in last three months	Commercial- 65% Non-commercial -96%
Usage of Condom while having sex in last three months	Always- 16% Sometimes- 49% Never- 35%
Participation in trucker welfare activities	23% Health Camps 39% Counseling Services regarding Health Services 29% Group Discussion

Unique Trucks per Month	1927
Unique Truckers per month	5357
Unique Long Distance Trucks per Month	666
Unique Long Distance Truckers per Month	1850

Snapshot of Association / NGO present in the TSL
<ul style="list-style-type: none"> ❖ Victoria Educational Social Welfare Trust is functional in Coimbatore. This Trust was incepted in 1994. ❖ Mr Prabhu Dass, Director of the Trust was contacted. ❖ This association works for Truckers. They conduct awareness programmes on HIV/AIDS and provide treatment for sexual transmitted infections peoples. They also conduct street plays, exhibitions and video shows. ❖ According to the Secretary, "<i>There is a need to spread awareness amongst the truck drivers about HIV/AIDS.</i>" ❖ The truck drivers are having highway police problem, RTO check post and road side robbers. ❖ Future plan includes conduct awareness programmes for the truck drivers on HIV/AIDS, testing of STI and HIV. Also [plan to create self help groups.

Salem (Shevapet Lorry Stand)



Trans-shipment Location Profile	
Name of TSL : City	Salem (Shevapet Lorry Stand)
Nearest NH	007
Approximate no. of Brokers	235
Peak Month	February, October & November
Association or Unions Present	No
Most frequented Route	Within Tamilnadu
% of drivers/cleaners staying for more than a day in this TSL	28.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	342
Trucks per months	10260
Truck:Trucker	2.8
LDT per month (63.5%)	2462

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 40% Enroute - 98%
% of truckers who had sexual intercourse in last 3 months	96%
Type of partners you have had sex in last three months	Commercial - 58.3% Non-Commercial - 97.9%
Usage of Condom while having sex in last three months	Always- 13% Sometimes- 56% Never- 31%
Participation in trucker welfare activities	32% Health Camps 47% Counseling Services regarding Health Services 41% Street Plays

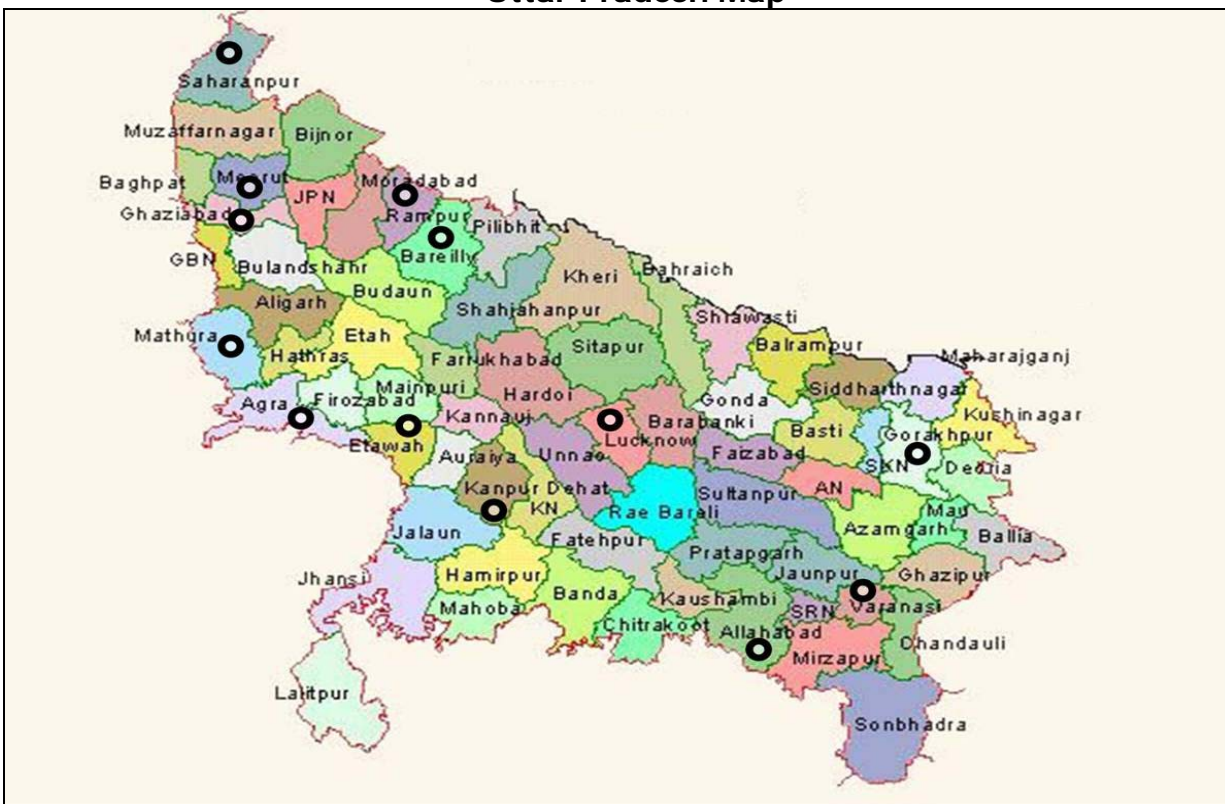
Unique Trucks per Month	2082
Unique Truckers per month	5746
Unique Long Distance Trucks per Month	958
Unique Long Distance Truckers per Month	2645

Tamil Nadu TSLs at a glance ...

- Two TSLs have been selected from the state of Tamil Nadu. Salem (Shevapet Lorry Stand) lie on NH-7 also touches NH-47.
- An estimated 10260 trucks enter in Salem (Shevapet Lorry Stand) TSL per month.
- It has been observed that an estimated 63.5% long distance trucks enter in both the TSLs of Tamil Nadu i.e. Salem (Shevapet Lorry Stand) and Coimbtore Devnashi Road (Cochin Road) Ukkadam every month.
- Only Coimbtore Devnashi Road (Cochin Road) Ukkadam has the availability of condoms within/near TSL and at the same time 35% has never used condoms.
- Coimbtore Devnashi Road (Cochin Road) Ukkadam also shown the presence of union who conduct awareness programmes on HIV/AIDS and provide treatment for sexual transmitted infections peoples. They also conduct street plays, exhibitions and video shows
- All the truckers (100%) interviewed in Tamilnadu TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 7% of the truckers felt that they were at risk of getting infected with HIV.

STATE 23: UTTAR PRADESH

Uttar Pradesh Map



Topography

Uttar Pradesh is the fifth largest state of India. Divided into 70 districts, it has Lucknow as its capital. Uttar Pradesh is bounded by Nepal on the North, Himachal Pradesh on the northwest, Madhya Pradesh on the south, Haryana on the west, Rajasthan on the southwest, and Bihar on the east.

Economy

Wheat, rice, sugar cane, apples, mango, pulses, oil seeds and potatoes are the main crops of Uttar Pradesh. The service sector comprises of travel and tourism, hotel industry, real estate, insurance and financial consultancies. The state attracts a large number of tourists. The famous Taj Mahal of Agra is also located in this state.

TSL Mapping Exercise

Fifteen centres were shortlisted for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Uttar Pradesh and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Agra Transport Nagar**

Agra is a city on the banks of the Yamuna River in the northern state of Uttar Pradesh, India. The economy of Agra district is based on agriculture, small scale industries and other small trades. However it remains a major tourist destination as it has many places of religions and historical value. NH 2 and NH 11 passes through Agra city.

- **Bareilly Transport Nagar**

Bareilly is a metro city in Bareilly district in the northern Indian state of Uttar Pradesh. It is a center for the manufacture of furniture and for trade in cotton, grain, and sugar. Geographically it forms the outer gateway to enter Uttarakhand State and is equidistant from New Delhi and Lucknow. Bareilly is also a production center for cane (Bans) furniture. NH 24 and NH 87 passes through Bareilly city.

- **Takiya Transport Etawah**

Etawah district is a district in the southwestern portion of Uttar Pradesh state of India. Etawah town is the district headquarters. The district exports a number of substances like fish, oil-seeds, jaggery, ghee, different food-grains, and handloom cloth. It also exports ayurvedic medicines to the districts nearby. NH 2 passes through the city.

- **Allahabad**

It stands at the confluence of the Ganga and Yamuna rivers. Allahabad stands at a strategic point geographically. There are a number of small and large-scale industries in Allahabad district that play a vital role in the economy of the district. To name a few popular industries of the district are Triveni Sheet Glass Ltd Naini, ITI Naini, Raymond Synthetics Karchana, Hindustan Cable Ltd Naini, IFFCO Phulpur, and GEEP Industries. NH2 and NH27 passes through the city.

- **Ghaziabad– Uttar Pradesh**

Ghaziabad can be reached by air, road and rail. By road, Ghaziabad is well-connected on all sides to Delhi, NOIDA, Hapur, Modinagar, Meerut, Saharanpur, Haridwar, etc. A large number of people commute to Delhi, Noida, Greater Noida and Gurgaon everyday for work. Ghaziabad is commonly known as the industrial hub of Uttar Pradesh. NH 24 passes through the Ghaziabad. However NH2 is also very near and accessible.

- **Mathura**

Mathura is located approximately 50 km North of Agra, and 150 km south of Delhi. It is the administrative centre of Mathura District of Uttar Pradesh. The study was conducted at Mathura refinery. NH 2 passes through Mathura.

- **Kanpur**

Kanpur is one of the most populous cities in the north India and the most populous within the state of Uttar Pradesh. Kanpur is located on the banks of the river Ganga and is an important industrial centre.

- **Varanasi Chandasi – Padoo**

Varanasi is well connected by air, rail and buses with all the main Indian cities. Its distance from Delhi is 776 km. Varanasi is famous for its hand-woven silk saris and shawls, which have a huge international market. NH 2 and NH 56 passes through the Varanasi.

- **Meerut**

Meerut is a city and a municipal corporation in Meerut district in the Indian state of Uttar Pradesh. It is located 72 km (44 miles) north-east of New Delhi. Meerut also has one of the major army garrisons/cantonments in this part of the country. Meerut possesses a distinctly agrarian economy coupled with a few industries. NH 58 passes through the city.

- **Moradabad**

Moradabad district is one of the districts of Uttar Pradesh state of India, and Moradabad town is the district headquarters. Moradabad is situated at a distance of 167 km (104 miles) from the national capital, New Delhi, at the bank of River Ram Ganga (a tributary to the great Ganges). It has close to four million citizens of various ethnicities and religions. Though an important agrarian market, Moradabad is famous worldwide for brass works and glassware. An important landmark of Moradabad is Jama Masjid.

- **Gorakhpur**

Gorakhpur is a city in the eastern part of the state of Uttar Pradesh in India, near the border with Nepal. Like most of the other Indian districts, Gorakhpur also stresses on agriculture. The crops that are grown are rabi, kharif and jayad. NH 29 and NH 28 pass through Gorakhpur.

- **Jhansi**

Jhansi is a city of Uttar Pradesh state of northern India. Jhansi is a major road and rail junction. The North-South Corridor connecting Kashmir to Kanyakumari passes through Jhansi. The East-West corridor also goes through this city, so there has been a sudden rush to infrastructure and real estate development in the city. NH-25 passes through Jhansi TSL and an estimated 5,898 trucks enter in its TSL.

- **Lucknow**

The city is in the forefront of industry with its emerging biotechnology and information technology parks. Besides numerous small and medium-scale industries and plantations, the exquisite Chikan embroidery and kite industries of Lucknow are renowned worldwide. From Hazratganj intersection in Lucknow city four Indian National Highways originate, viz, NH-24 to Delhi, NH-25 to Raksa, Jhansi (M.P. Border), NH-56 to Varanasi and NH-28 to Mokama (Bihar)

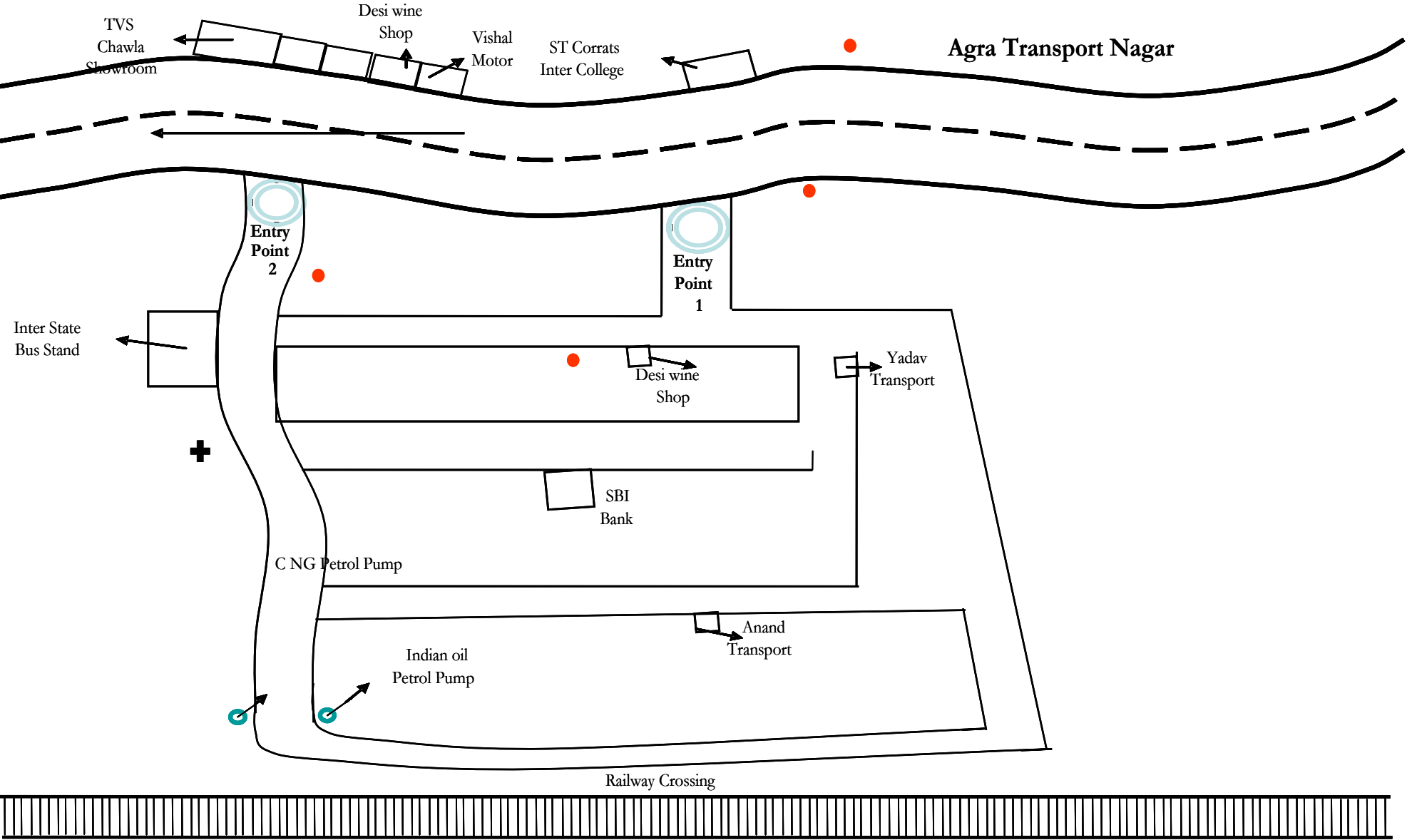
- **Saharanpur**

Saharanpur is a city and a Municipal Corporation in the state of Uttar Pradesh in northern India. Saharanpur is now one of the most flourishing cities of Uttar Pradesh. Saharanpur is internationally famous for its wood carving work cottage industry. It is a thriving market of local agricultural produce, including basmati rice and mangoes. A variety of agro-based industrial enterprises - such as textile, sugar, paper and cigarette factories - are located in it. The city is located on the National Highway NH-73.

Snapshot of Uttar Pradesh TSLs

Name of the TSL	Unique Trucks	Unique Truckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Gorakhpur Transport Nagar	20400	56100	14700	40425
Kanpur Transport Nagar	18500	47175	17200	43860
Meerut Transport Nagar	16700	45758	10900	29866
Varanasi Chandasi (Coal depot)	14500	42775	6572	19387
Moradabad Transport Nagar	12600	36792	9452	27600
Varanasi Padao	15500	33635	6482	14067
Allahabad (Khanpur)	11100	31968	10900	31392
Agra Transport Nagar	10700	22684	9213	19532
Lucknow Transport Nagar	8273	19194	7823	18149
Sharanpur Transport Nagar	6429	18387	3446	9856
Jhansi (Kanpur Road)	5898	17517	2837	8425
Gaziabad Transport Nagar (Gyani Border)	4857	14620	2693	8106
Mathura Near refinery	5688	14561	4183	10707
Etawah	1143	3074	903	2430
Baralliey Transport Nagar	885	2382	599	1610

Agra Transport Nagar



Clinic/Hospital +

Condom Outlet ●

Trans-shipment Location Profile	
Name of TSL : City	Agra Transport Nagar
Nearest NH	002
Approximate no. of Brokers	37
Peak Month	October & November
Association or Unions Present	Yes
Most Frequented Route	Uttar Pradesh - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	31%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	1,109
Trucks per months	33,270
Truck:Trucker Ratio	2.1
LDT per month (61.5%)	20,461

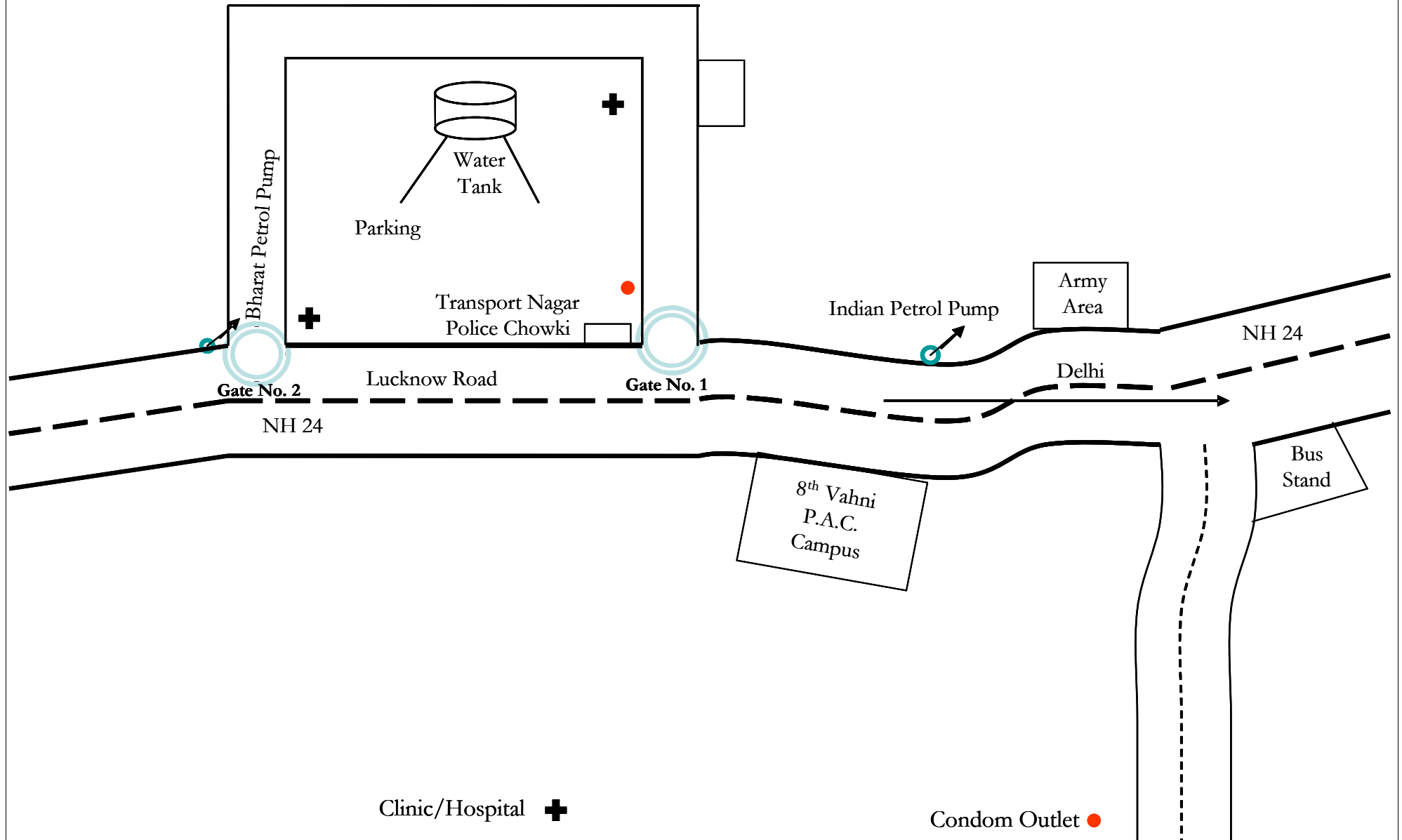
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 40% Enroute - 100%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 47.7% Non-Commercial - 95.5%
Usage of Condom while having sex in last three months	Always- 9% Sometimes- 50% Never- 41%
Participation in trucker welfare activities	20% Health Camps 32% Trucker Utsav 32% Street Plays

Unique Trucks per Month	10,700
Unique Truckers per month	22,684
Unique Long Distance Trucks per Month	9,213
Unique Long Distance Truckers per Month	19,532

Snapshot of Association present in the TSL

- ❖ **Agra Public Carrier Association** is functional in Agra Transport Nagar. This association was incepted in 1973.
- ❖ Mr Virendra Singh Gupta, President of the association was contacted.
- ❖ This association works for trucker operators and transport agencies. They have also worked towards organizing AIDS camp, traffic camps and eye camps for the drivers.
- ❖ According to the President, "*most of the drivers are illiterate and it is necessary to tell the drivers about HIV/AIDS.*"
- ❖ Truckers often don't get immediate help and even police misbehaves with them. No one address their problems.
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Barailley Transport Nagar



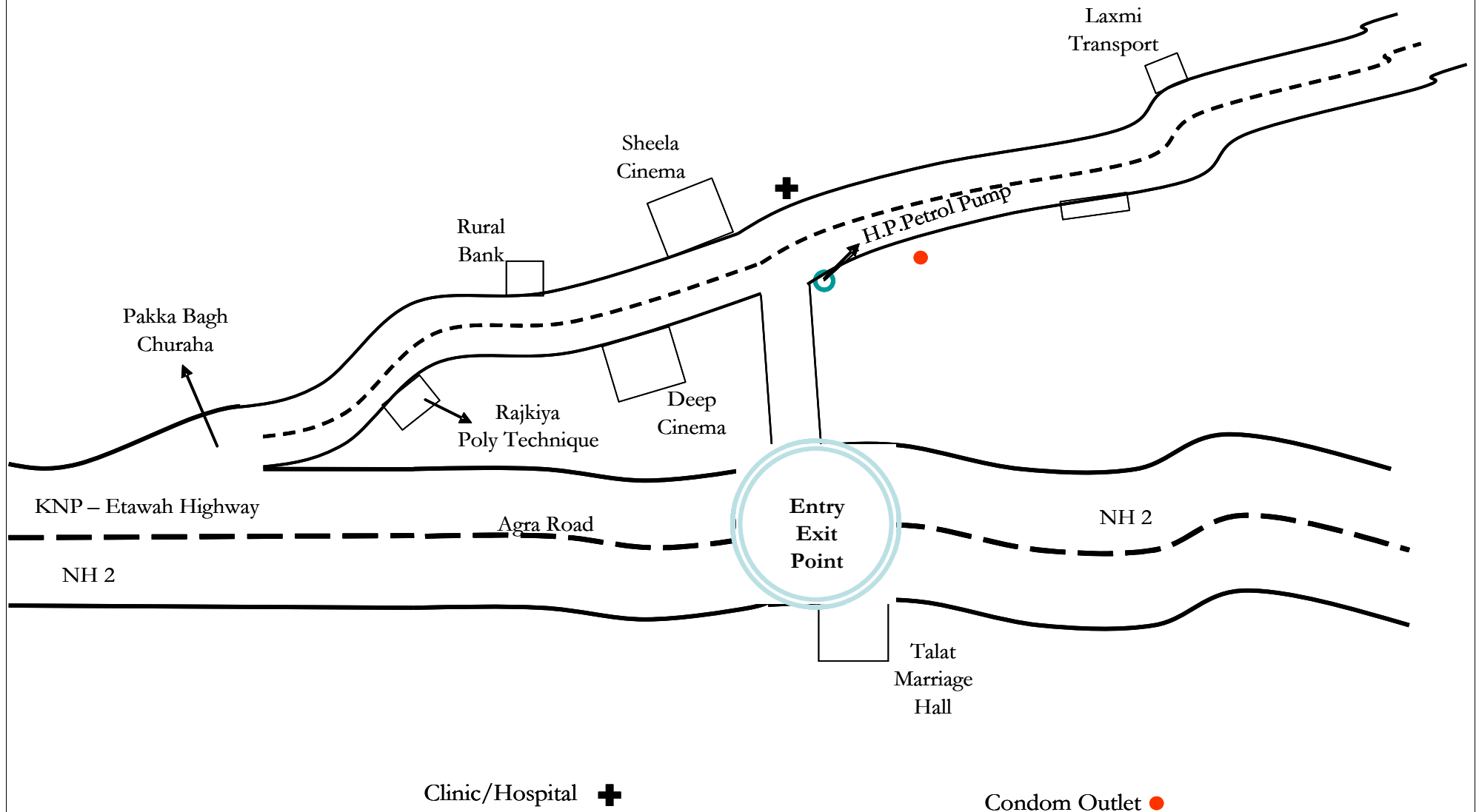
Trans-shipment Location Profile	
Name of TSL : City	Baralliey Transport Nagar
Nearest NH	024
Approximate no. of Brokers	9
Peak Month	January, February & March
Association or Unions Present	Yes
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	4.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	162
Trucks per months	4,850
Truck:Trucker	2.7
LDT per month (43%)	2,086

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 22% Enroute - 14%
% of truckers who had sexual intercourse in last 3 months	86%
Type of partners you have had sex in last three months	Commercial - 14.0% Non-Commercial - 90.7%
Usage of Condom while having sex in last three months	Always- 7% Sometimes- 72% Never- 21%
Participation in trucker welfare activities	13% Trucker Utsav 22% Street Plays

Unique Trucks per Month	885
Unique Truckers per month	2,382
Unique Long Distance Trucks per Month	599
Unique Long Distance Truckers per Month	1,610

Takia Transport Etawah



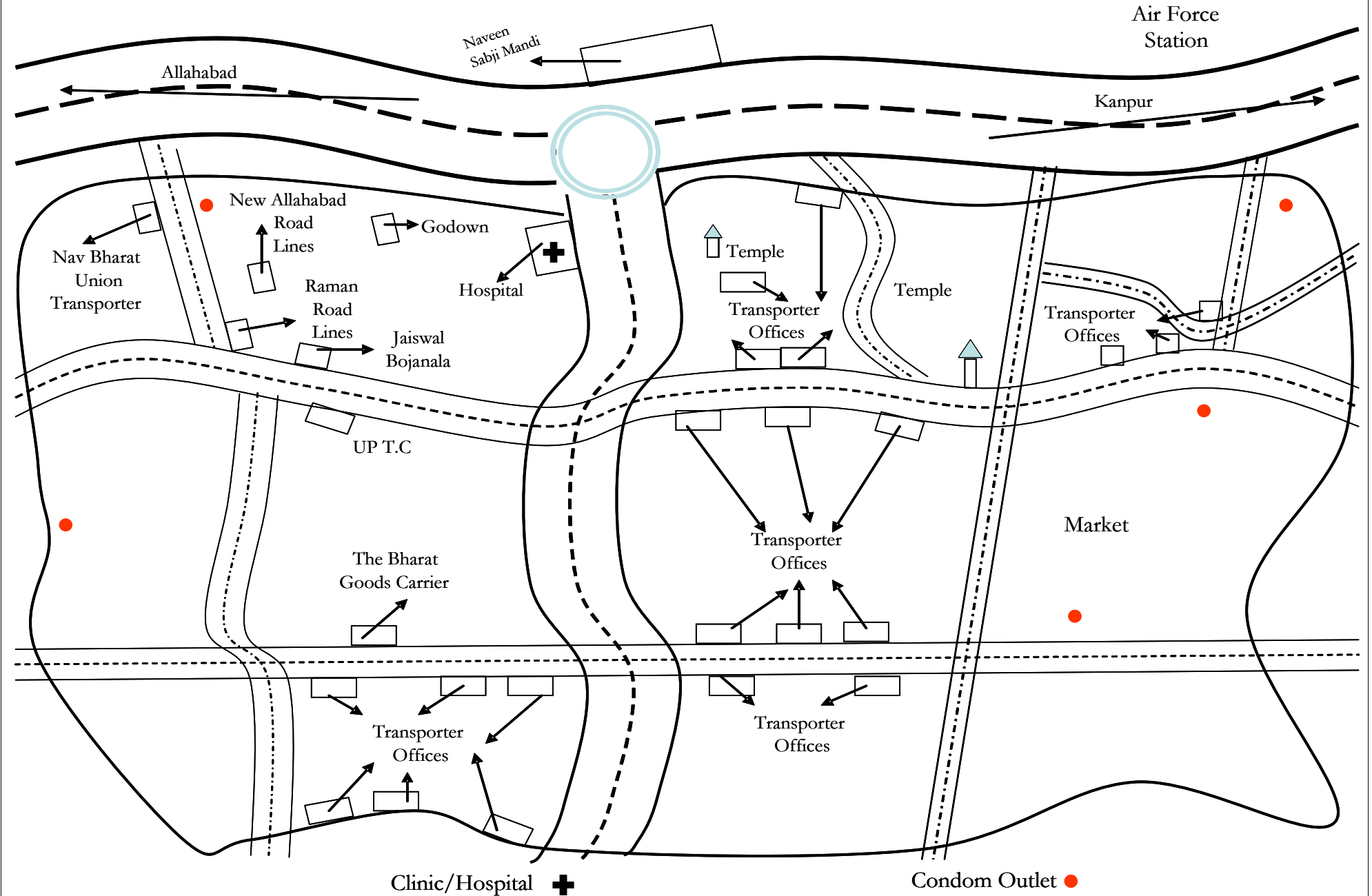
Trans-shipment Location Profile	
Name of TSL : City	Takiya Transport Etawah
Nearest NH	002
Approximate no. of Brokers	40
Peak Month	January & February
Association or Unions Present	No
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	31.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	121
Trucks per months	3630
Truck:Trucker	2.7
LDT per month (57.5%)	2087

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 88%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 18.2% Non-Commercial - 86.4%
Usage of Condom while having sex in last three months	Always- 18% Sometimes- 18% Never- 64%
Participation in trucker welfare activities	24% Health Camps 25% Trucker Utsav 27% Street Plays

Unique Trucks per Month	1143
Unique Truckers per month	3074
Unique Long Distance Trucks per Month	903
Unique Long Distance Truckers per Month	2430

Allahabad Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Allahabad (Khanpur)
Nearest NH	002
Approximate no. of Brokers	107
Peak Month	November, October & December
Association or Unions Present	Yes
Most Frequented Route	Madhya Pradesh – Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	6.3%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	950
Trucks per months	28500
Truck:Trucker	2.9
LDT per month (97.6%)	27816

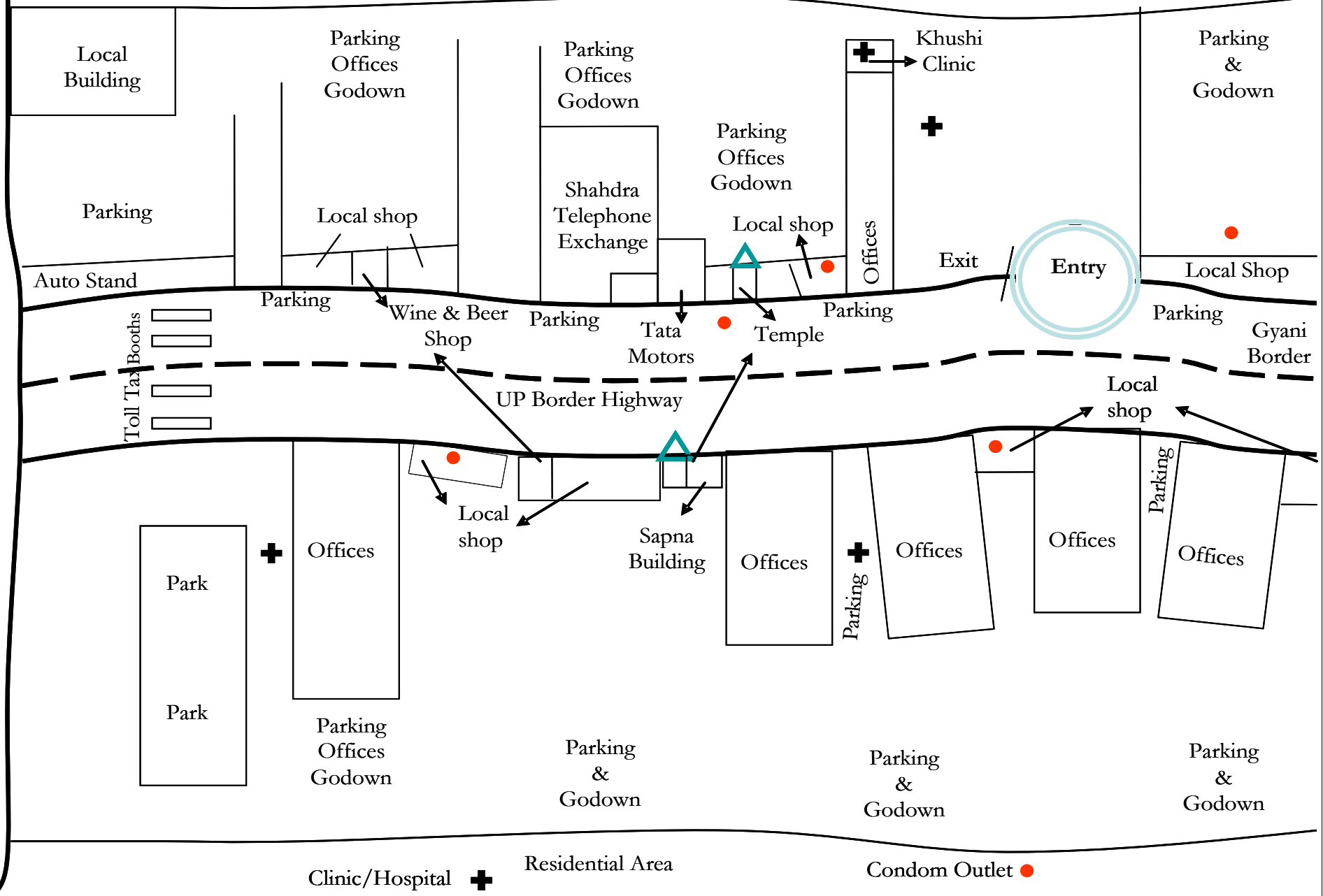
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 56% Enroute - 74%
% of truckers who had sexual intercourse in last 3 months	88%
Type of partners you have had sex in last three months	Commercial - 38.6% Non-Commercial - 81.8%
Usage of Condom while having sex in last three months	Always- 27% Sometimes- 39% Never- 34%
Participation in trucker welfare activities	7% Health Camps 16% Counseling Services regarding Health Services

Unique Trucks per Month	11100
Unique Truckers per month	31968
Unique Long Distance Trucks per Month	10900
Unique Long Distance Truckers per Month	31392

Ghaziabad Transport Nagar

Residential Area

Outer Ring Road



Trans-shipment Location Profile	
Name of TSL : City	Ghaziabad Transport Nagar (Gyani Border)
Nearest NH	24, Near to NH 2 & NH 58
Approximate no. of Brokers	350
Peak Month	February, March & August
Association Present	Yes
Most Frequented Route	Haryana – Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	42%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic, NGOs)
Mantab of trucks per day	836
Trucks per months	25,080
Truck Trucker Ratio	3.0
LDT per month (26.5%)	6,646

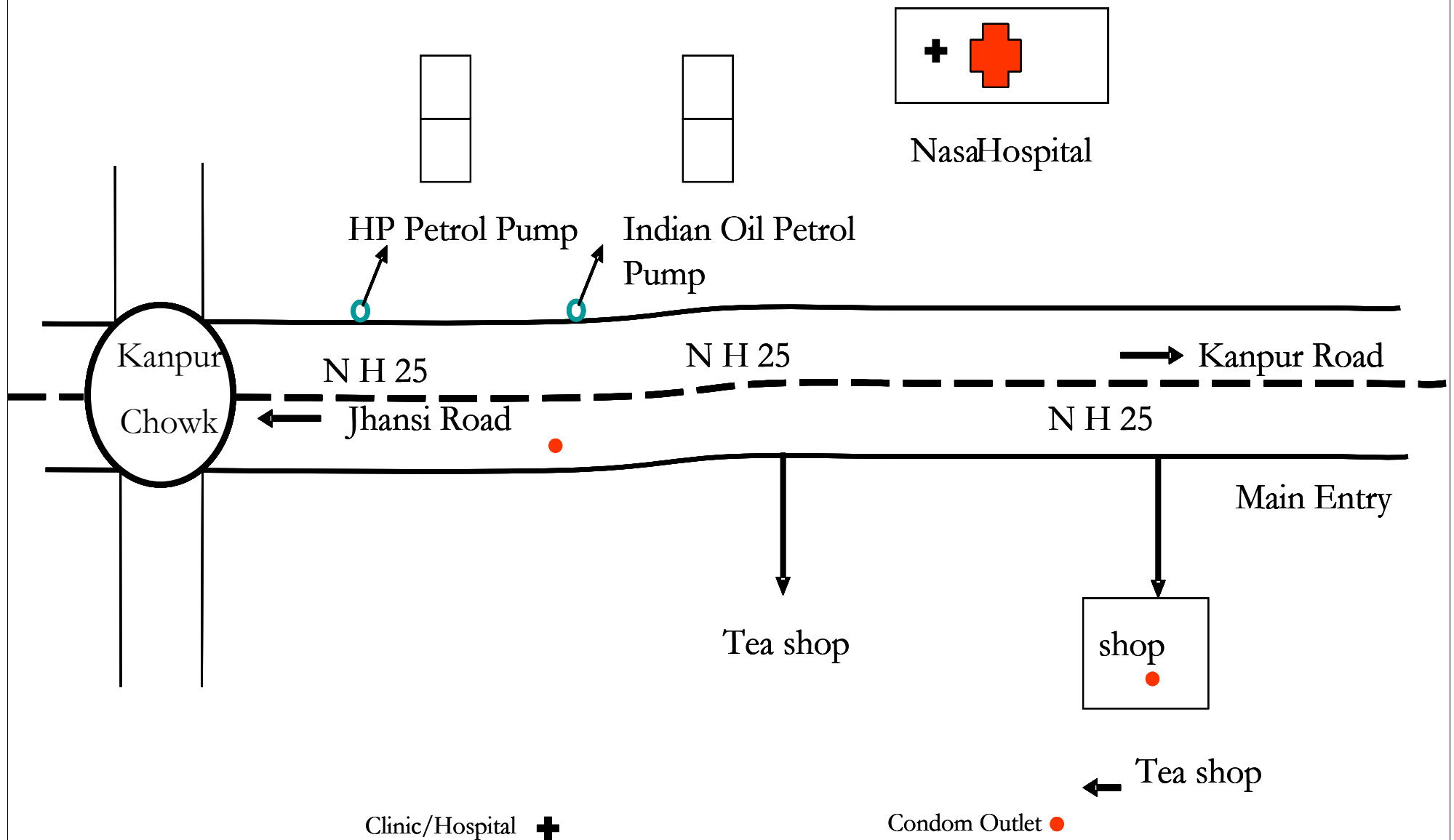
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 14% Enroute - 71%
% of truckers who had sexual intercourse in last 3 months	61%
Type of partners you have had sex in last three months	Commercial - 96.8% Non-Commercial - 48.4%
Usage of Condom while having sex in last three months	Always- 19% Sometimes- 74% Never- 6%
Participation in trucker welfare activities	36% NGOs Providing Medical Services 34% Health Camps 29% Trucker Utsav

Unique Trucks per Month	4,857
Unique Truckers per month	14,620
Unique Long Distance Trucks per Month	2,693
Unique Long Distance Truckers per Month	8,106

Snapshot of Association present in the TSL

- ❖ **Cyriac Elias Voluntary Organization (CEVA)** is functional in Ghaziabad Transport Nagar. This association was incepted in 2004.
- ❖ Mr Prashant, owner of the association was contacted.
- ❖ This association works for trucker welfare activities like educating people on HIV/AIDS issues and regular health check ups. They have also worked towards organizing AIDS camp, traffic camps and eye camps for the drivers.
- ❖ According to the owner, "it is very important to spread awareness among truck drivers and helpers about HIV/AIDS because most of them are illiterate and are not aware about AIDS and its harmful effects. So it is very important to spread awareness about AIDS among them."
- ❖ Truckers often face parking problems, bumpy roads, improper drinking water facilities, police harassment etc.
- ❖ The association is wants to spread more awareness about HIV/AIDS. They also wish that this awareness should reach out to common people as well
- ❖ Also the association is willing to participate in the trucker welfare programmes, if any, organized by the government.

Kanpur Road Jhansi



Trans-shipment Location Profile	
Name of TSL : City	Jhansi
Nearest NH	025
Approximate no. of Brokers	19
Peak Month	January & February
Unions Present	Yes
Most frequented Route	Uttar Pradesh – Madhya Pradesh
% of drivers/cleaners staying for more than a day in this TSL	25.8%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	975
Trucks per months	29,240
Truck to Trucker Ratio	3.0
LDT per month (30.8%)	9,006

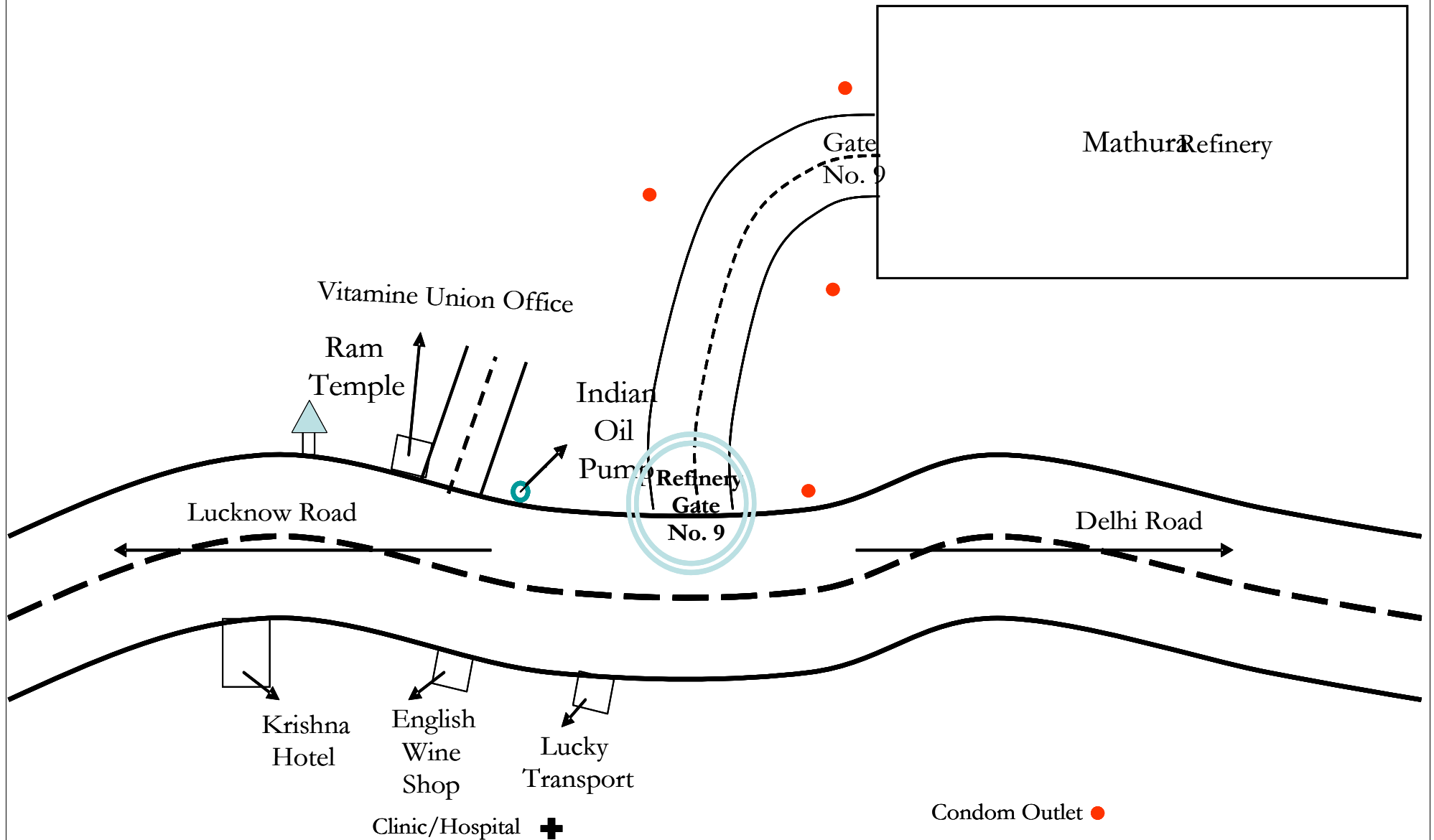
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 4% Enroute - 36%
% of truckers who had sexual intercourse in last 3 months	98%
Type of partners you have had sex in last three months	Commercial - 53.1% Non-Commercial - 95.9%
Usage of Condom while having sex in last three months	Always- 16% Sometimes- 53% Never- 31%
Participation in trucker welfare activities	2% NGOs Providing Medical Services 2% Trucker Utsav

Unique Trucks per Month	5,898
Unique Truckers per month	17,517
Unique Long Distance Trucks per Month	2,837
Unique Long Distance Truckers per Month	8,425

Snapshot of Union present in the TSL

- ❖ **Jhansi Transport Union** is functional in Union. This association was inceptioned in 1988.
- ❖ Mr Jagmohan Sharma, President of the union was contacted.
- ❖ This association works for transporters only.
- ❖ The association has not done any work for trucker community
- ❖ According to the President, "*spreading awareness on HIV/AIDS is NOT essential as people themselves keep all sorts of information/knowledge.*"
- ❖ In general truckers face problems like police harassment, RTO etc.

Mathura Refinery



Trans-shipment Location Profile	
Name of TSL : City	Mathura, Near refinery
Nearest NH	002
Approximate no. of Brokers	80
Peak Month	March, April & December
Union Present	Yes
Most frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	33.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

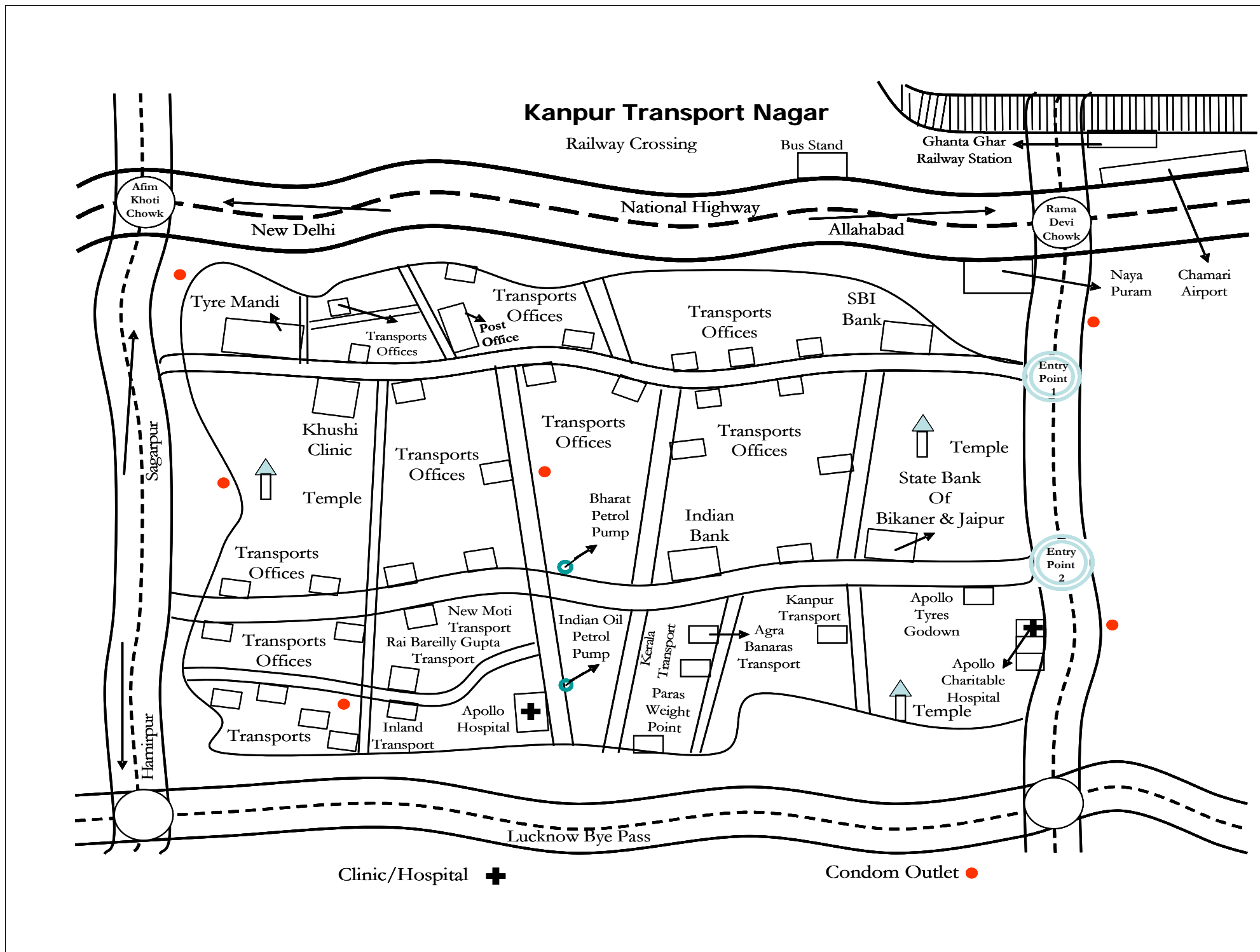
Mantab of trucks per day	804
Trucks per months	24,120
Truck Trucker Ratio	2.6
LDT per month (43.5%)	10,492

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 10% Enroute - 90%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial - 36.6% Non-Commercial - 92.7%
Usage of Condom while having sex in last three months	Always- 12% Sometimes- 37% Never- 51%
Participation in trucker welfare activities	14% Trucker Utsav 14% Street Plays

Unique Trucks per Month	5,688
Unique Truckers per month	14,561
Unique Long Distance Trucks per Month	4,183
Unique Long Distance Truckers per Month	10,707

Snapshot of Union present in the TSL

- ❖ **Vituan Transport Union** is functional in Mathura Refinery. This association was incepted in 2008.
- ❖ Mr Chaudhury Sita Ram, President of the union was contacted.
- ❖ This association works for trucker operators and transport agencies. They have also worked towards helping the truck operators in loading and unloading activities and provide them assistance if any problem occurs. The association, with the help of other transporters, bears the expenses in case of accident of a truck driver.
- ❖ According to the President, "most of the drivers are out of their houses for long and it is necessary to inform the drivers about HIV/AIDS."
- ❖ The union plans to construct a hospital which is accessible to truckers, transporters and general public as well.
- ❖ The union is willing to participate in trucker welfare programmes, if any, organized by the government.



Trans-shipment Location Profile	
Name of TSL : City	Kanpur Transport Nagar
Nearest NH	024
Approximate no. of Brokers	100
Peak Month	March, April & October
Association or Unions Present	Yes
Most frequented Route	Madhya Pradesh – Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	9.9%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, NGOs, Khushi clinic)

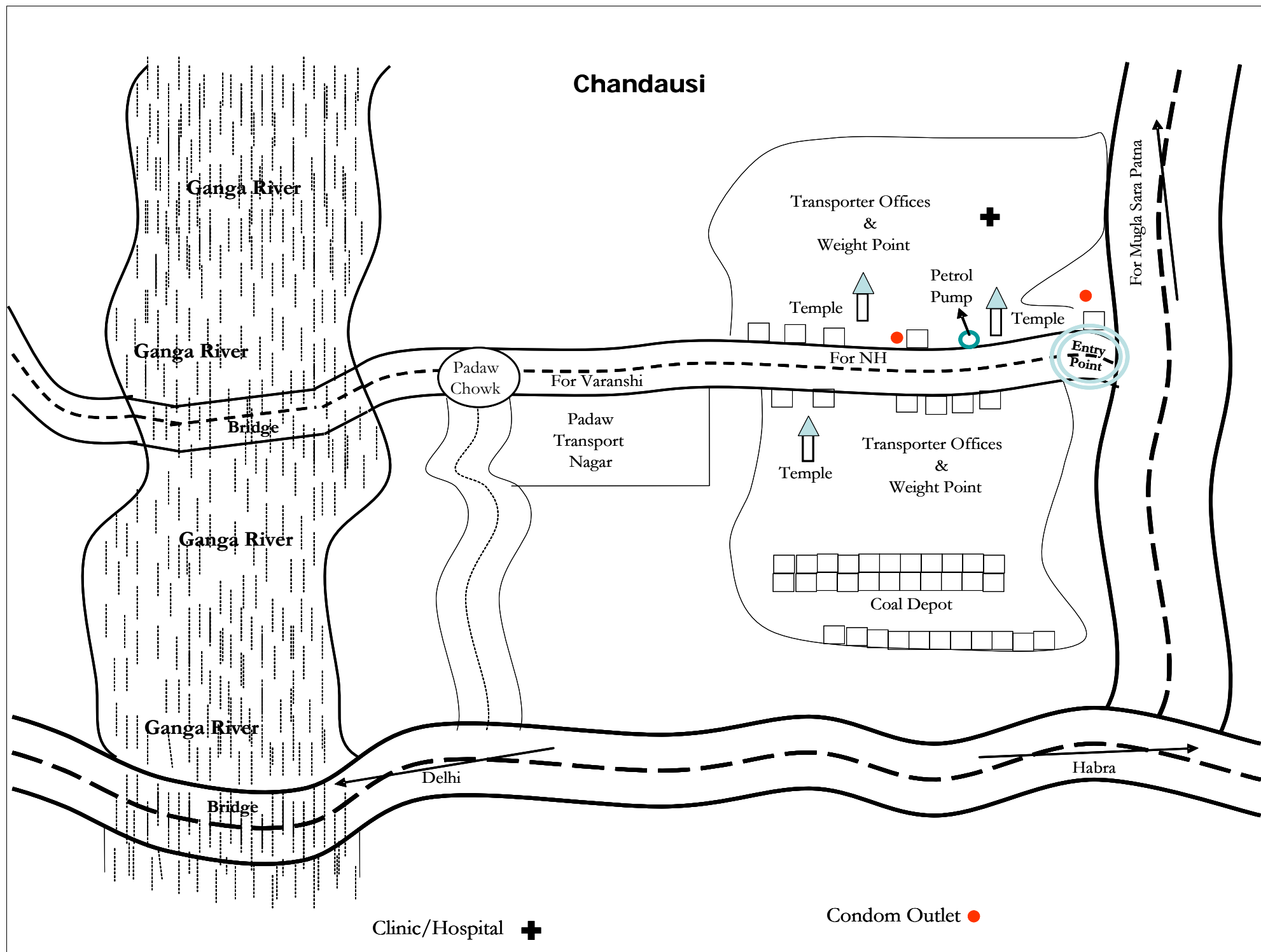
Mantab of trucks per day	1,498
Trucks per months	44,930
Truck:Trucker	2.6
LDT per month (92%)	41,336

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 60% Enroute - 96%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 59.6% Non-Commercial - 93.6%
Usage of Condom while having sex in last three months	Always- 17% Sometimes- 72% Never- 11%
Participation in trucker welfare activities	8% Health Camps 9% Counseling Services regarding Health Services

Unique Trucks per Month	18,500
Unique Truckers per month	47,175
Unique Long Distance Trucks per Month	17,200
Unique Long Distance Truckers per Month	43,860

Snapshot of Association present in the TSL

- ❖ **UP Motor Transport Association** is functional in Kanpur Transport Nagar. This association was incepted in 1962.
- ❖ Shri Shyam Kumar Gupta, President of the association was contacted.
- ❖ This association works for truckers. They also organize eye camps and training on traffic rules.
- ❖ According to the President, "they are to be out of home for months and year. So it is important to educate them in this regard."
- ❖ Truckers often stop at highway dhabas which are unhygienic. Often they fall ill after eating food from these spots
- ❖ The association plans to open up a new clinic so that truckers can come and get their ailments cured.
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.



Trans-shipment Location Profile	
Name of TSL : City	Varanasi Chandasi (Coal depot)
Nearest NH	002
Approximate no. of Brokers	483
Peak Month	February, March & April
Association & NGO Present	Yes
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	1.5%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	2,633
Trucks per months	78,990
Truck to Trucker Ratio	3.0
LDT per month (33%)	26,067

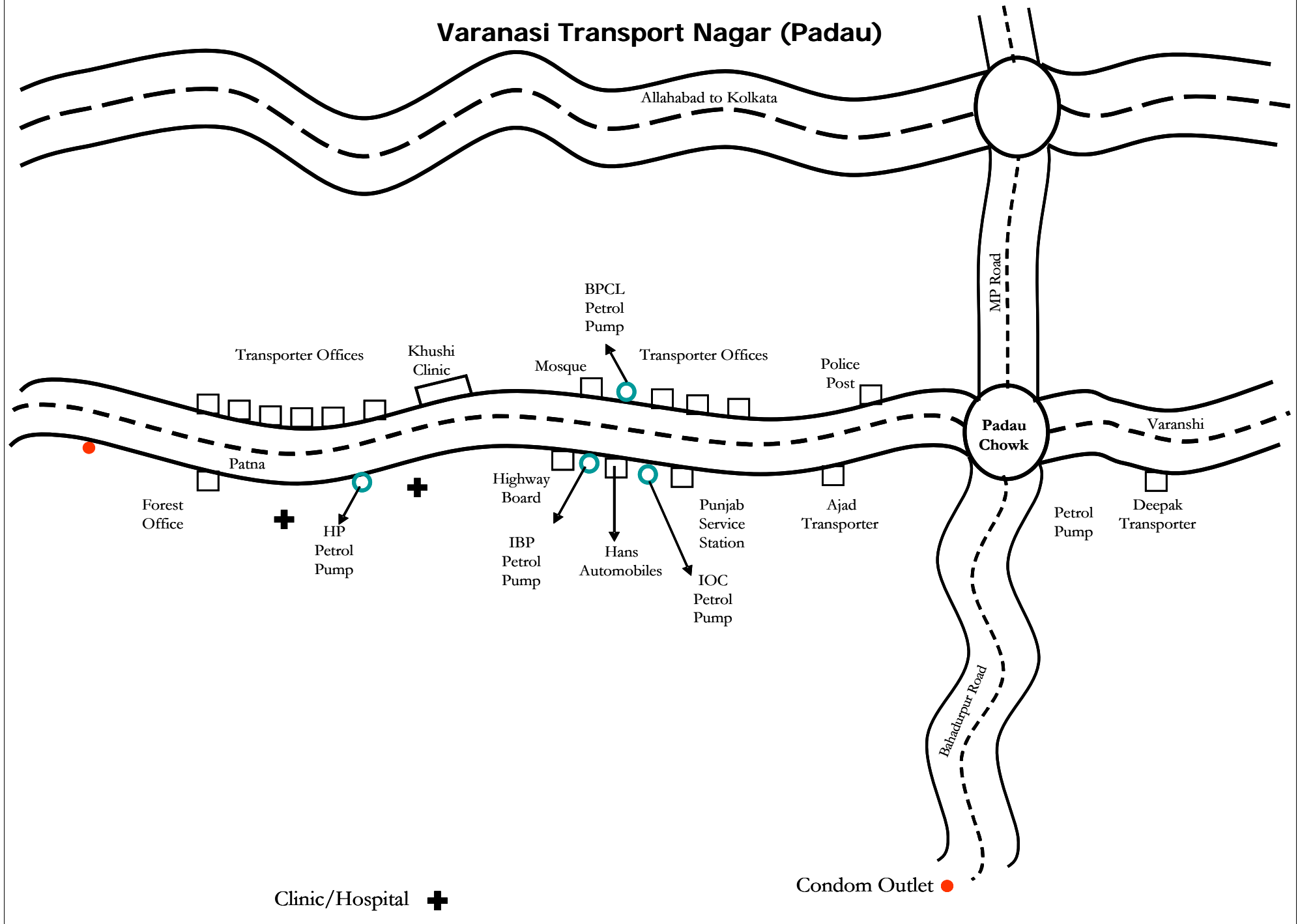
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 84% Enroute - 98%
% of truckers who had sexual intercourse in last 3 months	98%
Type of partners you have had sex in last three months	Commercial - 73.5% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 69% Sometimes- 20% Never- 10%
Participation in trucker welfare activities	45% Health Camps 49% Trucker Utsav 33% Counseling Services

Unique Trucks per Month	14,500
Unique Truckers per month	42,775
Unique Long Distance Trucks per Month	6,572
Unique Long Distance Truckers per Month	19,387

Snapshot of Association / NGO present in the TSL

- ❖ **Pragatisheel Coal Trader Welfare Association & Janklayan Mahasamiti Kavach Project (Khushi Clinic)** is functional in Varanasi (Chandasi). The NGO was incepted on 1st march 2005.
- ❖ Mr Dharma Roy Yadav, President of the association and Mr Sameer Kumar Bera, Project Coordinator Khushi Clinic, was contacted.
- ❖ This association works for trucker operators and transport agencies. Khushi Clinic works in the direction of creating awareness generation among truckers, cleaners and transporters. Khushi Clinic has organized several activities like street plays, health games, and exhibition, treatment and counseling services free of cost.
- ❖ Sameer said (Khushi Clinic, "Drivers are mostly out of their houses who covers long distances. Due to this they go to prostitutes for quenching their biological needs. Therefore, it is important to educate them on HIV/AIDS Issues". Khushi clinic plans to keep condom in every truck and also support any government initiative
- ❖ Truckers often don't get immediate help and even get harassed by R.T.O police. Lack of proper infrastructure adds to their problems.
- ❖ The association is also willing to participate in trucker welfare programmes, if any, organized by the government.

Varanasi Transport Nagar (Padau)



Trans-shipment Location Profile	
Name of TSL : City	Varanasi Padau
Nearest NH	008
Approximate no. of Brokers	125
Peak Month	January, February & March
Association or Unions Present	Yes
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	12.5%
Availability of Health Facility in/around TSL	Yes (NGOs)

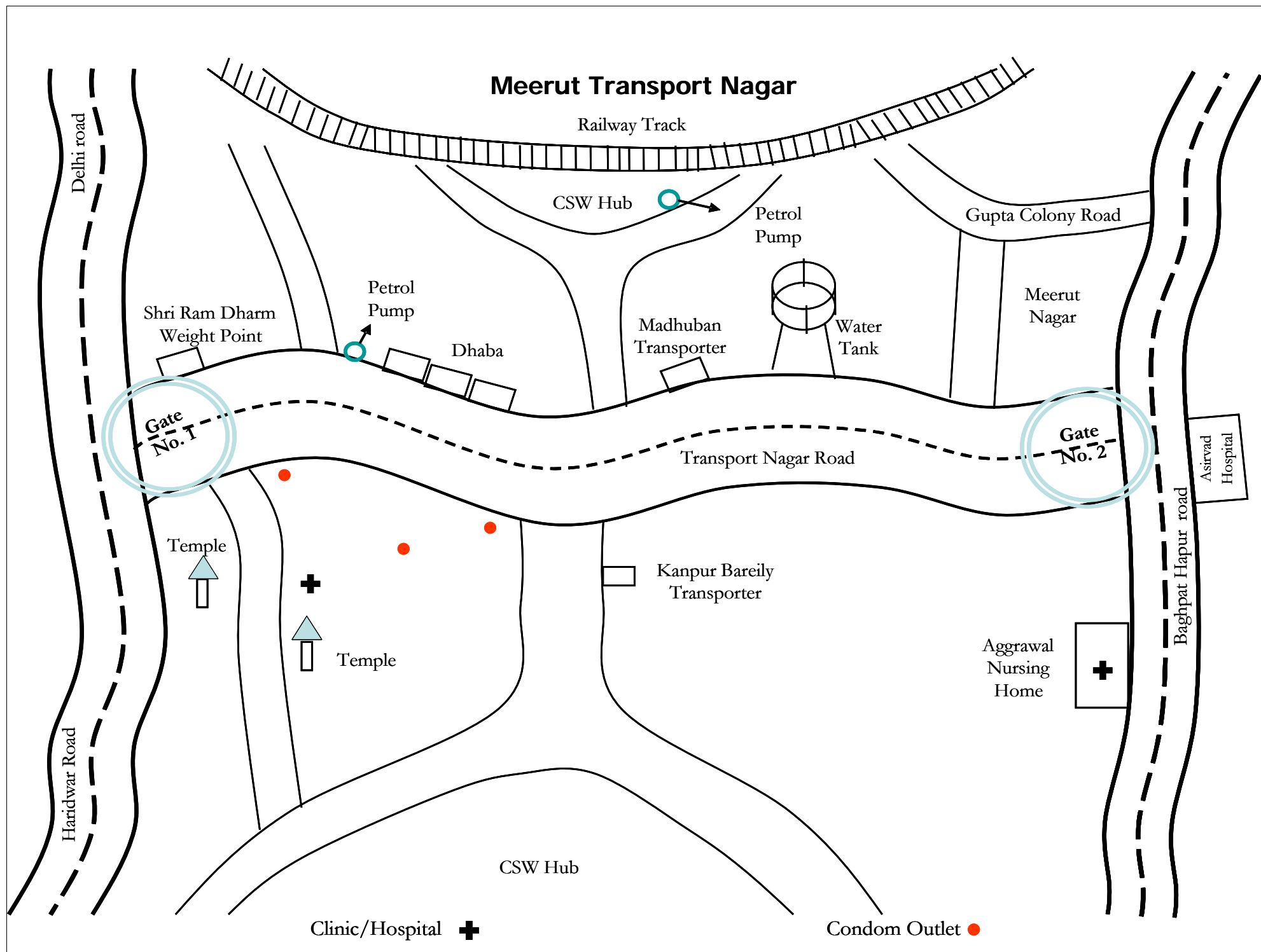
Mantab of trucks per day	3,086
Trucks per months	92,590
Truck:Trucker	2.2
LDT per month (30%)	27,777

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 54% Enroute - 90%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 36.2% Non-Commercial - 97.9%
Usage of Condom while having sex in last three months	Always- 53% Sometimes- 32% Never- 15%
Participation in trucker welfare activities	40% Health Camps 41% Trucker Utsav 30% Street Plays

Unique Trucks per Month	15,500
Unique Truckers per month	33,635
Unique Long Distance Trucks per Month	6,482
Unique Long Distance Truckers per Month	14,067

Snapshot of Association present in the TSL

- ❖ **Truck and Transport Association** is functional in Varanasi Padao. This association was incepted in 1980.
- ❖ Mr Harish Mishra, President of the association was contacted.
- ❖ This association is instrumental in arranging seminars and organizing festivals like Holi Milan, Durga Puja et
- ❖ Truckers often face problems at RTO, Toll tax, police and check post
- ❖ The association is NOT willing to participate in trucker welfare programmes, if any, organized by the government.



Trans-shipment Location Profile	
Name of TSL : City	Meerut Transport Nagar
Nearest NH	007
Approximate no. of Brokers	133
Peak Month	January, October & November
Association or Unions Present	Yes
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	31%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	2,346
Trucks per months	70,390
Truck:Trucker	2.7
LDT per month (51.5%)	36,251

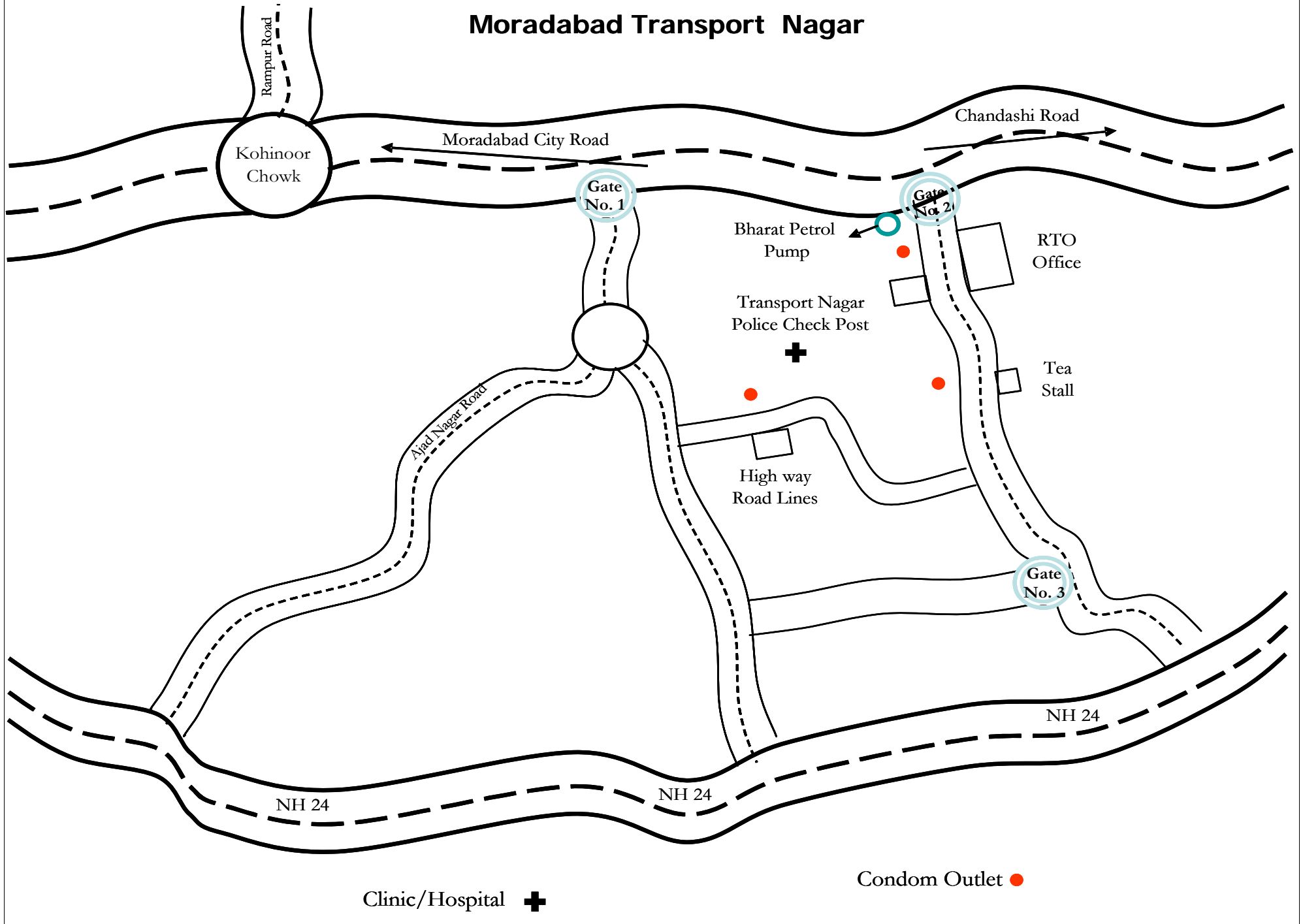
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 69% Enroute - 63%
% of truckers who had sexual intercourse in last 3 months	86%
Type of partners you have had sex in last three months	Commercial - 43.2% Non-Commercial - 81.8%
Usage of Condom while having sex in last three months	Always- 27% Sometimes- 45% Never- 27%
Participation in trucker welfare activities	7% Trucker Utsav 6% Street Plays

Unique Trucks per Month	16,700
Unique Truckers per month	45,758
Unique Long Distance Trucks per Month	10,900
Unique Long Distance Truckers per Month	29,866

Snapshot of Association present in the TSL

- ❖ **Meerut Trucker Operator Association** is functional in Meerut Transport Nagar. This association was incepted in 1984.
- ❖ Sri Pinky Chinauti, President of the association was contacted.
- ❖ This association works for truckers educating them about traffic problems and knowledge on HIV/AIDS. They also organize health check up camps for trucker community at an interval of 6 months.
- ❖ According to the President, "very important to educate them as they are mostly illiterate. Lack of knowledge leads to bigger mistakes."
- ❖ The association plans to organize AIDS rally on 31st December.
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Moradabad Transport Nagar



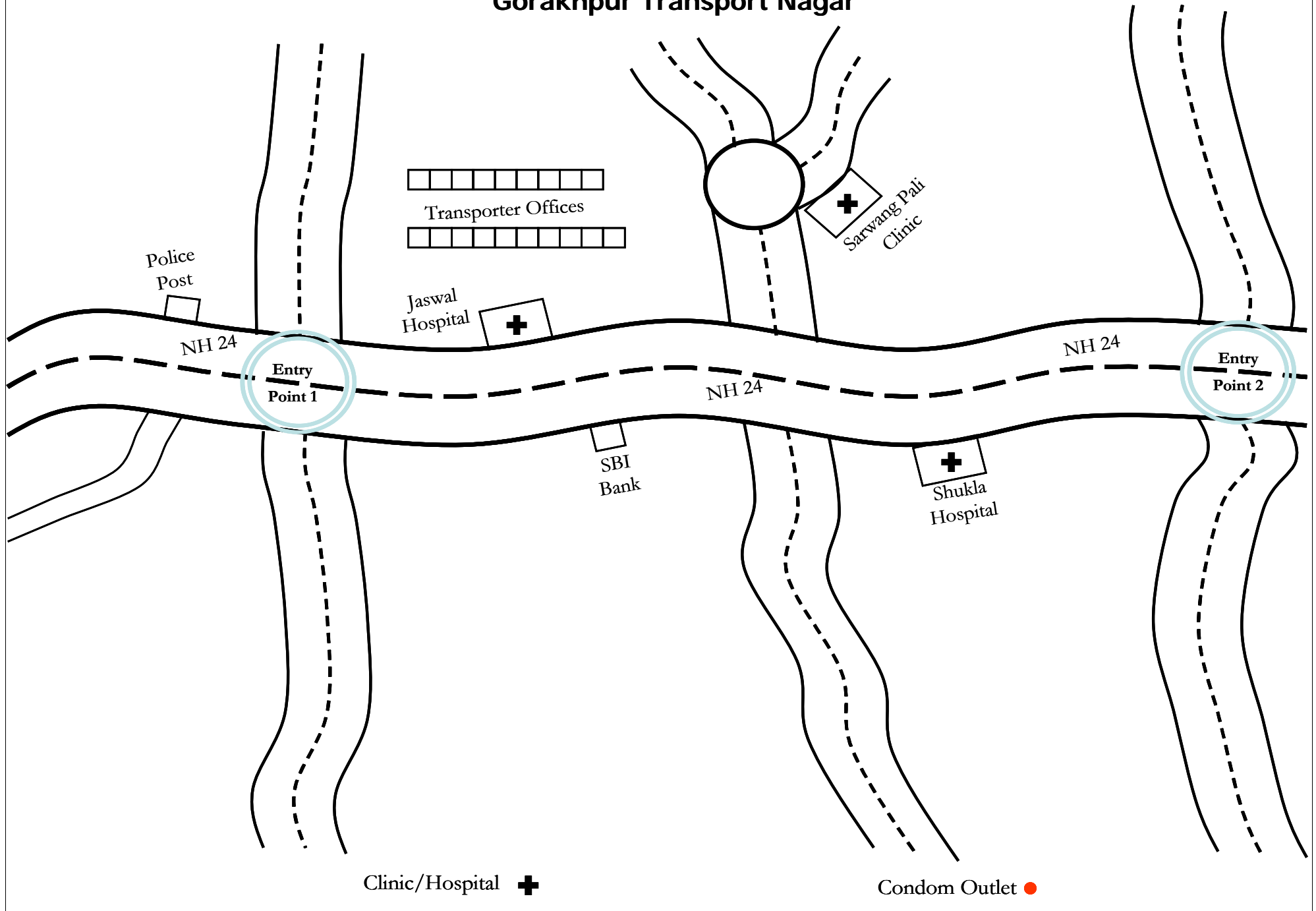
Trans-shipment Location Profile	
Name of TSL : City	Moradabad Transport Nagar
Nearest NH	024
Approximate no. of Brokers	53
Peak Month	June, November & December
Association or Unions Present	Yes
Most Frequented Route	Uttar Pradesh - Maharastra
% of drivers/cleaners staying for more than a day in this TSL	18.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	1794
Trucks per months	53830
Truck:Trucker	2.9
LDT per month (52%)	27992

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 10% Enroute - 16%
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 4.8% Non-Commercial - 95.2%
Usage of Condom while having sex in last three months	Always- 10% Sometimes- 57% Never- 33%
Participation in trucker welfare activities	9% Health Camps 17% Street Plays

Unique Trucks per Month	12600
Unique Truckers per month	36792
Unique Long Distance Trucks per Month	9452
Unique Long Distance Truckers per Month	27600

Gorakhpur Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Gorakhpur Transport Nagar
Nearest NH	029
Approximate no. of Brokers	233
Peak Month	February, March & April
Association Present	Yes
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	5.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic)

Mantab of trucks per day	2965
Trucks per months	88950
Truck:Trucker	2.8
LDT per month (58%)	51591

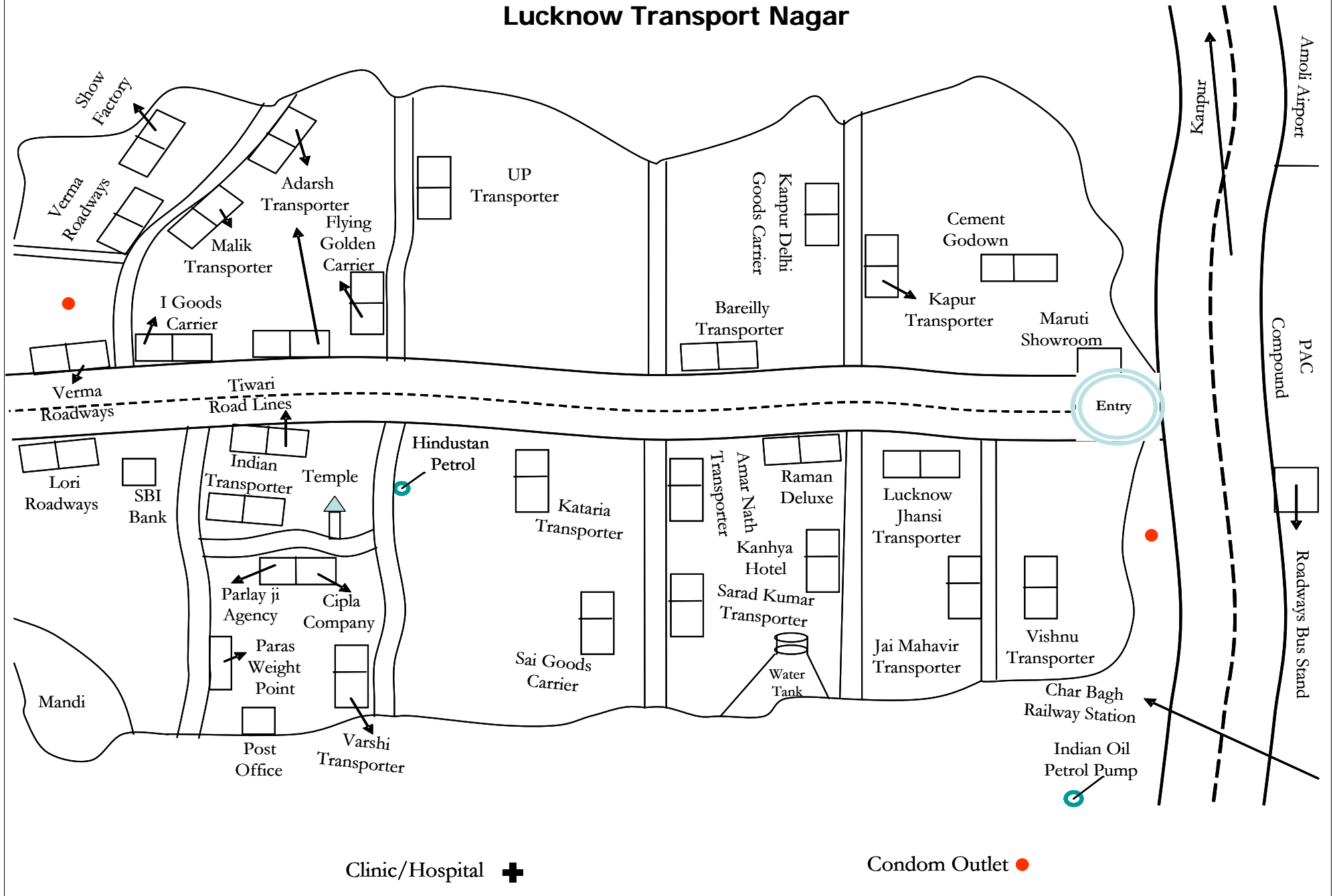
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 88% Enroute - 100%
% of truckers who had sexual intercourse in last 3 months	100%
Type of partners you have had sex in last three months	Commercial - 58.0% Non-Commercial - 98.0%
Usage of Condom while having sex in last three months	Always- 74% Sometimes- 16% Never- 10%
Participation in trucker welfare activities	40% Health Camps 49% Trucker Utsav 40% Distribution of Condoms

Unique Trucks per Month	20400
Unique Truckers per month	56100
Unique Long Distance Trucks per Month	14700
Unique Long Distance Truckers per Month	40425

Snapshot of Association present in the TSL

- ❖ **Gorakhpur Goods Transport Association** is functional in Gorakhpur Transport Nagar. This association was incepted in 1998.
- ❖ Mr Abdul Rasheed, General Secretary of the association was contacted.
- ❖ This association works for trucker operators, transport agencies & drivers. At times we also advice the truck drivers on dealing of goods
- ❖ Mr Rasheed says, "*Truck drivers remain on roads for long. Hence they go for prostitution. Therefore they must be given proper awareness.*"
- ❖ As per the secretary, truckers face general problems like police problem, sales tax problem and even upon minor accidents everybody breaks into feuds creating danger for truck drivers.
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Lucknow Transport Nagar



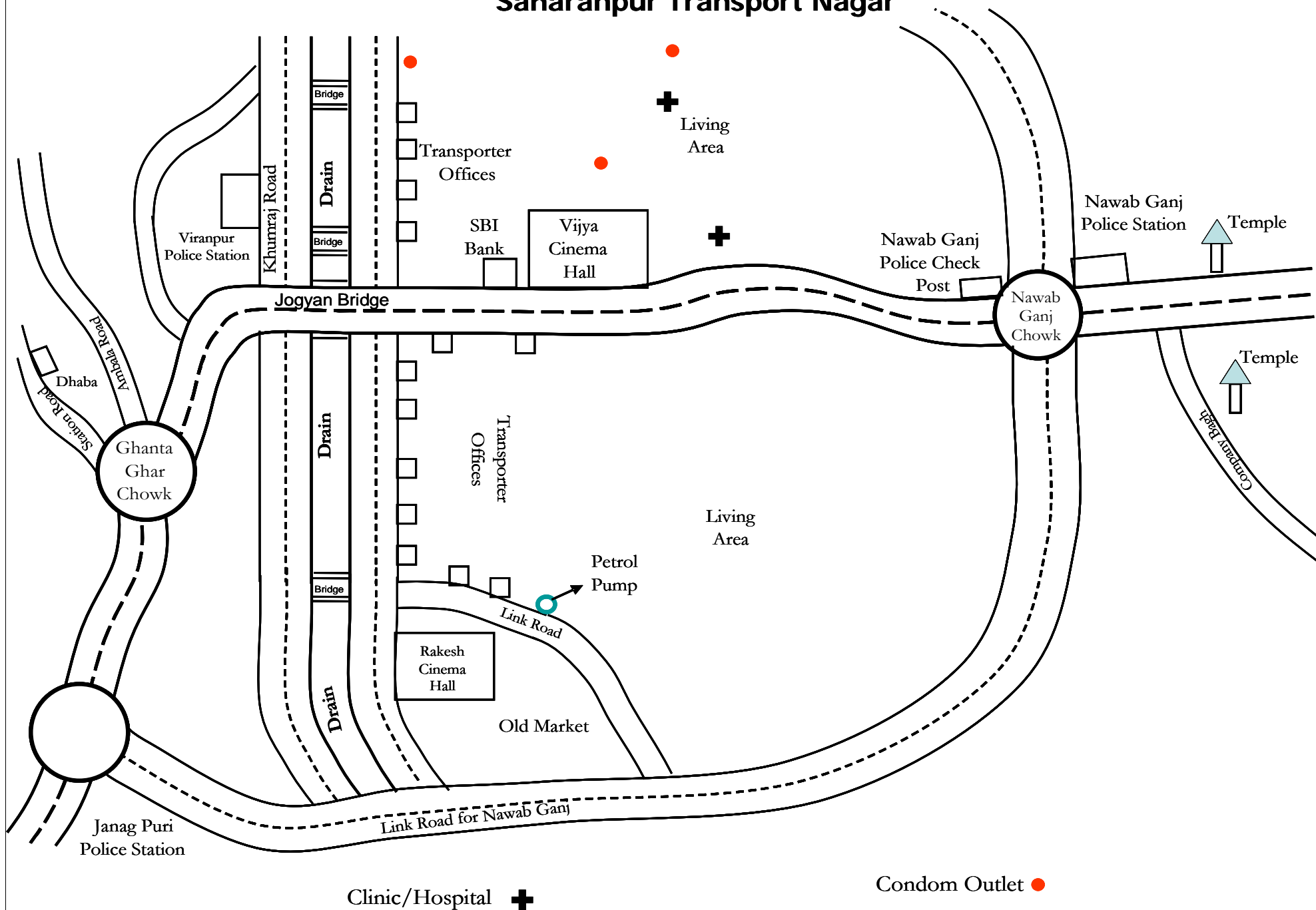
Trans-shipment Location Profile	
Name of TSL : City	Lucknow Transport Nagar
Nearest NH	024
Approximate no. of Brokers	453
Peak Month	January, May & February
Association or Unions Present	Yes
Most Frequented Route	Madhya Pradesh – Uttarm Pradesh
% of drivers/cleaners staying for more than a day in this TSL	19.4%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	663
Trucks per months	19880
Truck:Trucker	2.3
LDT per month (94.7%)	18826

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 2% Enroute - 52%
% of truckers who had sexual intercourse in last 3 months	82%
Type of partners you have had sex in last three months	Commercial – 0% Non-Commercial - 100.0%
Usage of Condom while having sex in last three months	Always- 20% Sometimes- 39% Never- 41%
Participation in trucker welfare activities	3% Health Camps 3% Trucker Utsav

Unique Trucks per Month	8273
Unique Truckers per month	19194
Unique Long Distance Trucks per Month	7823
Unique Long Distance Truckers per Month	18149

Saharanpur Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Sharanpur Transport Nagar
Nearest NH	058
Approximate no. of Brokers	32
Peak Month	September, October & November
Association or Unions Present	No
Most Frequented Route	Within Uttar Pradesh
% of drivers/cleaners staying for more than a day in this TSL	26%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	973
Trucks per months	29,190
Truck:Trucker	2.9
LDT per month (46%)	13,427

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 20% Enroute - 56%
% of truckers who had sexual intercourse in last 3 months	80%
Type of partners you have had sex in last three months	Commercial - 32.5% Non-Commercial - 85.0%
Usage of Condom while having sex in last three months	Always- 23% Sometimes- 55% Never- 23%
Participation in trucker welfare activities	12% Health Camps 8% Street Plays

Unique Trucks per Month	6,429
Unique Truckers per month	18,387
Unique Long Distance Trucks per Month	3,446
Unique Long Distance Truckers per Month	9,856

Uttar Pradesh TSLs at a glance ...

- Fourteen TSLs have been selected in the state of Uttar Pradesh out of those 5 TSLs lie on NH-24 i.e. Lucknow Transport Nagar, Moradabad Transport Nagar, Kanpur Transport Nagar, Ghaziabad Transport Nagar (Gyani Border) and Baralliey Transport Nagar.
- Ghaziabad Transport Nagar (Gyani Border) (NH-24) which is also near to NH 2 (Delhi-Kolkatta Highway – North-East route category and lie on the Golden Quadrilateral) & NH 58.
- Five TSLs namely Varanasi Chandasi (Coal depot), Mathura, Near refinery Allahabad (Khanpur), Takiya Transport Etawah and Agra Transport Nagar lie on NH-2 (Delhi-Amritsar Highway – North-North route category). This implies that the above mentioned TSLs lie on the Golden Quadrilateral. Agra TSL touches NH-11 and NH-3 as well.
- NH-2 which sets up from Delhi ends up in Kolkatta and touches the states like Haryana, Uttar Pradesh, Jharkhand, Bihar and West Bengal and covers the distance of 1490 km in between.
- In the time frame of 24 hours, an estimated 3,086 trucks enter in Varanasi Padao TSL. This implies that an estimated 92,590 trucks enter in Varanasi Padao TSL per month. The TSLs can be observed the busiest in terms of traffic out of all the mapped sites in Uttar Pradesh.
- An estimated 97.6% long distance trucks enter in the TSL of Allahabad (Khanpur) every month.
- It has been observed that seven TSLs out of fourteen have been categorized high priority TSL centers i.e., Gorakhpur Transport Nagar (56100), Kanpur Transport Nagar (47175), Meerut Transport Nagar (45758), Varanasi Chandasi (Coal depot) (42775), Moradabad Transport Nagar (36792), Varanasi Padao (33635) and Allahabad (Khanpur) (31968).

- Five TSLs have been categorized medium priority TSL centers i.e. Agra Transport Nagar (22684), Lucknow Transport Nagar (19194), Sharanpur Transport Nagar (18387), Gaziabad Transport Nagar (Gyani Border) (14620) and Mathura Near refinery (14561).
- The availability of condoms has been reported in all of the TSLs during the survey. Though its usage is still not proving the importance of its existence within/near TSLs.
- In nine of the TSL the presence of union has been reported but not all are working on health issues except Meerut Transport Nagar works for truckers, educating them about traffic problems and knowledge on HIV/AIDS. Khushi Clinic works in Varanasi Chandasi (Coal depot) TSL in creating awareness generation among truckers, cleaners and transporters and organized several activities like street plays, health games, and exhibition, treatment and counseling services free of cost. The union in Ghaziabad Transport Nagar (Gyani Border) works for trucker welfare activities like educating people on HIV/AIDS issues and regular health check ups. They have also worked towards organizing AIDS camp, traffic camps and eye camps for the drivers. The union in Agra Transport Nagar worked towards organizing AIDS camp, traffic camps and eye camps for the drivers.
- An overwhelming majority of the truckers (99%) interviewed in Uttar Pradesh TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In TSLs of Uttar Pradesh, 73% of the truckers felt that they were at risk of getting infected with HIV.

STATE 24: UTTRANCHAL



Topography

Uttarakhand is a state located in the northern part of India. Uttarakhand borders Tibet to the north, Nepal to the east, and the states of Himachal Pradesh and Uttar Pradesh (of which it formed a part before 2000) in the west and south respectively.

Economy

Uttarakhand's gross state domestic product for 2004 is estimated at \$6 billion in current prices. SIDCUL, the State Industrial Development Corporation of Uttarakhand (sic) has established seven industrial estates in the southern periphery of the state, while dozens of hydroelectric dams are being built in the upper reaches. However, hill development remains an uphill challenge as out migration of local peoples continues from the highland hinterlands.

TSL Mapping Exercise

In Uttarakhand two sites were selected for the mapping exercise. These centres were selected in conformity with the selection process followed during the shortlisting stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in Uttarakhand and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Haldwani/Kathgodam Transport Nagar**

Haldwani is one of the most populous towns in Uttarakhand, and is known as the "Gateway of Kumaon". Well connected with the Indo-Gangetic plain by road (to New Delhi, Dehradun and Lucknow), Haldwani is an important commercial hub. It is home to one of the largest vegetable, fruit and foodgrain markets in Northern India. It has Asia's 3 largest mandi. NH-87 passes through Haldwani Transport Nagar. An estimated 3607 trucks enters in Dehradun Transport Nagar TSLs in a month.

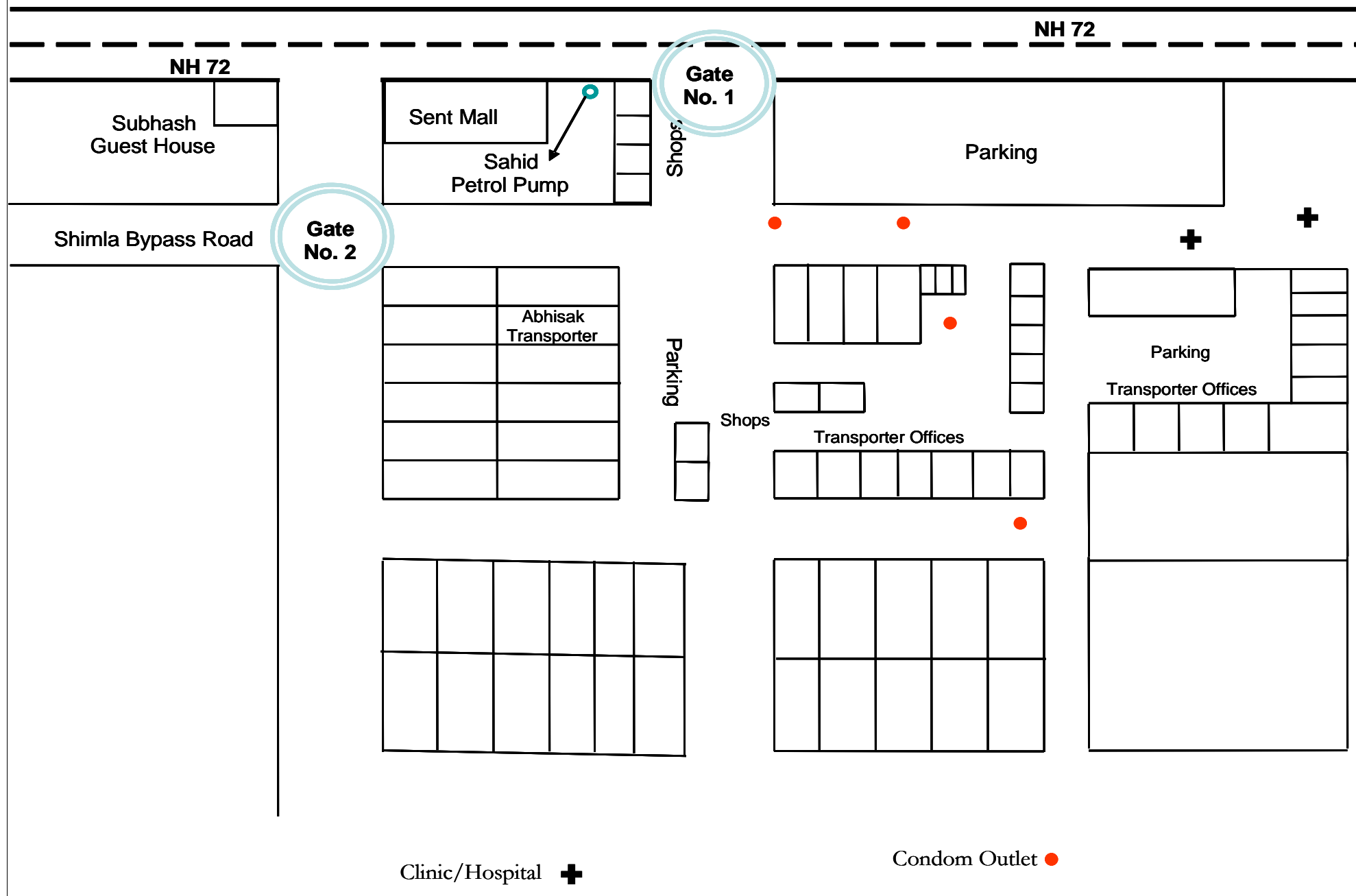
- **Dehradun Transport nagar**

Dehradun is the capital city of the state of Uttarakhand. Because of its educational background and high international remittances, Dehradun enjoys a high per capita income, which in dollar terms hovers close to \$1800 (national average \$800). NH-72 passes through Dehradun Transport Nagar. An estimated 3624 trucks enters in Dehradun Transport Nagar TSLs in a month.

Snapshot of Uttranchal TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Dehradun Transport Nagar	3624	9677	2438	6509
Haldwani/Kathgodam Transport Nagar	3607	9449	2644	6927

Dehradun Transport Nagar



Trans-shipment Location Profile	
Name of TSL : City	Dehradun Transport Nagar
Nearest NH	072
Approximate no. of Brokers	30
Peak Month	October, November & September
Association or Unions Present	No
Most frequented Route	Haryana – Uttaranchal
% of drivers/cleaners staying for more than a day in this TSL	21.5%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	513
Trucks per months	15380
Truck:Trucker	2.7
LDT per month (44%)	7536

Trucker Behaviour	
Condom availability within/near the TSL	No
% of truckers aware of FSW hubs	In/around TSL - None Enroute - 38%
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial - 23.8% Non-Commercial - 85.7%
Usage of Condom while having sex in last three months	Always- 24% Sometimes- 38% Never- 38%
Participation in trucker welfare activities	8% Health Camps 9% Trucker Utsav

Unique Trucks per Month	3624
Unique Truckers per month	9677
Unique Long Distance Trucks per Month	2438
Unique Long Distance Truckers per Month	6509

Haldwani Transport Nagar

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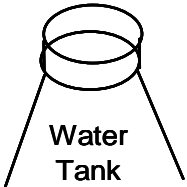


Casco Office

Gate
No. 3



Water
Tank



Weighting
Point



Gate
No. 2

Gate
No. 1

Traffic Police
Check Post

Petrol
Pump



Clinic/Hospital



Condom Outlet



Trans-shipment Location Profile	
Name of TSL : City	Haldwani/ Kathgodam Transport Nagar
Nearest NH	087
Approximate no. of Brokers	130
Peak Month	March, November & December
Association or Unions Present	Yes
Most frequented Route	Within Uttranchal
% of drivers/cleaners staying for more than a day in this TSL	0.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic, Ayurvedic Clinic)

Mantab of trucks per day	557
Trucks per months	16,700
Truck:Trucker	2.6
LDT per month (37%)	6,179

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 4% Enroute - 14%
% of truckers who had sexual intercourse in last 3 months	90%
Type of partners you have had sex in last three months	Commercial - 4.3% Non-Commercial - 97.8%
Usage of Condom while having sex in last three months	Always- 2% Sometimes- 83% Never- 15%
Participation in trucker welfare activities	5% Trucker Utsav 8% Street Plays

Unique Trucks per Month	3,607
Unique Truckers per month	9,449
Unique Long Distance Trucks per Month	2,644
Unique Long Distance Truckers per Month	6,927

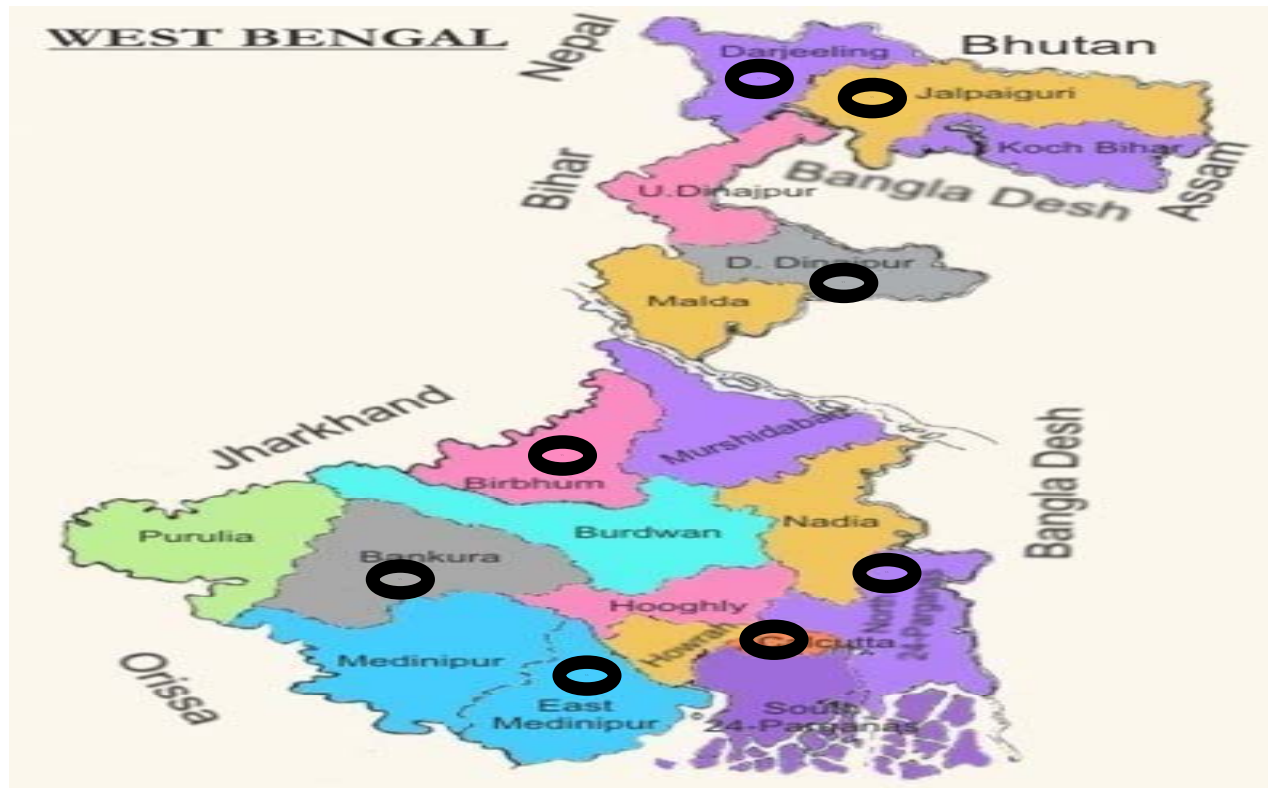
Snapshot of Association present in the TSL

- ❖ Yatayat Nagar Pariyojana Transport Nagar, Haldwani is functional in Transport Nagar, Haldwani.
- ❖ Mr. Shankar Kumar President of the association was interviewed.
- ❖ This association works for welfare and social security issues of truck drivers.
- ❖ The association conducts awareness programmes and also distributes condoms among truck drivers.
- ❖ According to Mr. Shankar Kumar, "we need to provide information on HIV/AIDS to the truck drivers because its an incurable disease".
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government

Uttanchal TSLs at a glance...

- Two TSLs has been selected in Uttanchal. Haldwani/ Kathgodam Transport Nagar lie on NH-87 and Dehradun Transport Nagar lie on NH-72.
- An estimated 16,700 trucks enter in Haldwani/ Kathgodam Transport Nagar TSL per month.
- An estimated 44% long distance trucks enter in the TSL of Dehradun Transport Nagar every month.
- Haldwani/Kathgodam Transport Nagar shows the availability of condoms and the low percentage of non users (15%) of condoms reinforces its significance in that particular TSL.
- Haldwani/ Kathgodam Transport Nagar have the existence of an association which conducts awareness programmes and also distributes condoms among truck drivers.
- An overhelmig majority of the truckers (98%) interviewed in aforementioned 2 TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. In 2 TSLs of Uttanchal, 95% of the truckers felt that they were at risk of getting HIV.

STATE 25: WEST BENGAL



Topography

West Bengal is a state in eastern India, with Bangladesh adjoining most of its eastern border: the state forms the ethno-linguistic region of Bengal. To its northeast lie the states of Assam and Sikkim and the country Bhutan, and to its southwest, the state of Orissa. To the west it borders the state of Jharkhand and Bihar, and to the northwest, Nepal.

Economy

Agriculture is the chief occupation of the people of West Bengal. Majority of the population are farmers and agricultural laborers. Rice is the principal food crop of West Bengal. Other food crops include maize, pulses, oil seeds, wheat, barley, potatoes, and vegetables. West Bengal supplies about 66% of the jute requirements of the country and is also a primary exporter of jute. Tea is a vital cash crop grown in the hills of Darjeeling and widely exported. Tobacco and sugarcane are also grown in the state.

TSL Mapping Exercise

In West Bengal nine sites were selected for the mapping exercise. These centers were selected in conformity with the selection process followed during the shortlist stage. The procedure for the same has been explained in details in previous section 5. The aforementioned sites were selected as these are major cities in West Bengal and handle relatively greater proportion of truck traffic. The ensuing pages explain each of the TSLs briefly and give critical indicators for each one of them in an encapsulated format.

- **Kolkatta Transport Nagar (Dankuni NH-2) Dubey Parking Dankuni**

Dankuni is a industrial township near Kolkata. It is well-reachable by road. NH-2 passes through Dankuni. The place is linked by Delhi Road, Mumbai Road, Benaras Road and Durgapur Expressway. Estimated 753 trucks enter Kolkatta Transport Nagar TSL in a month.

- **Silliguri Transport Nagar**

Siliguri is described as the gateway to the North East of India. NH-31 passes through Siliguri. 2071 trucks enter Siliguri Transport Nagra in a month.

- **Durgapur**

Durgapur is an industrial metropolis in the state of West Bengal. It is home to the largest industrial unit in the state, Durgapur Steel Plant, one of the integrated steel plants of Steel Authority of India Limited. NH-3 passes through Durgapur. An estimated 742 trucks enter in Durgapur TSL every month.

- **Ranichak Haldia Dock Complex**

The transportation system of Haldia is extremely well developed. Haldia is being developed as a major trade port for Calcutta, intended mainly for bulk cargoes. The industrial city has several factories, including South Asian Petrochemicals Limited, Indian Oil Corporation Limited (IOCL), Tata Chemicals, Petrochemical complex (Haldia Petrochemical) and Hindustan Lever, in addition to various light industries. NH-41 passes through Halida. An estimated 988 trucks enter in Halida TSL in a month.

- **Phulbari Truck Terminal Siliguri**

NH-21 passes through Phulbari Truck Terminal Siliguri. An estimated 1198 trucks enter in its TSL in a month.

- **Central Warehousing Corporation Petropole Bangaon**

NH-34 goes through the Bongaon Subdivision. "Chakdah Road" is the connector/Bypass between NH-34 and NH-35. An estimated 4286 trucks passes Central Warehousing Corporation Petropole Bangaon TSL every month.

- **Chengrabandha - Jalpaiguri**

Jalpaiguri is the largest district of North Bengal. By road it is well connected with rest of the country. 2524 trucks enter Chengrabandha - Jalpaiguri TSL in a month.

- **Balupara Truck Terminus Hilli Border – West Dinajpur**

Dinajpur is well connected with the rest of the state through National Highways, State Highways and Railways. NH-31 and NH-34 pass through the heart of the district. An estimated 1347 trucks enter in Balupara Truck Terminus Hilli Border, West Dinajpur TSL every month.

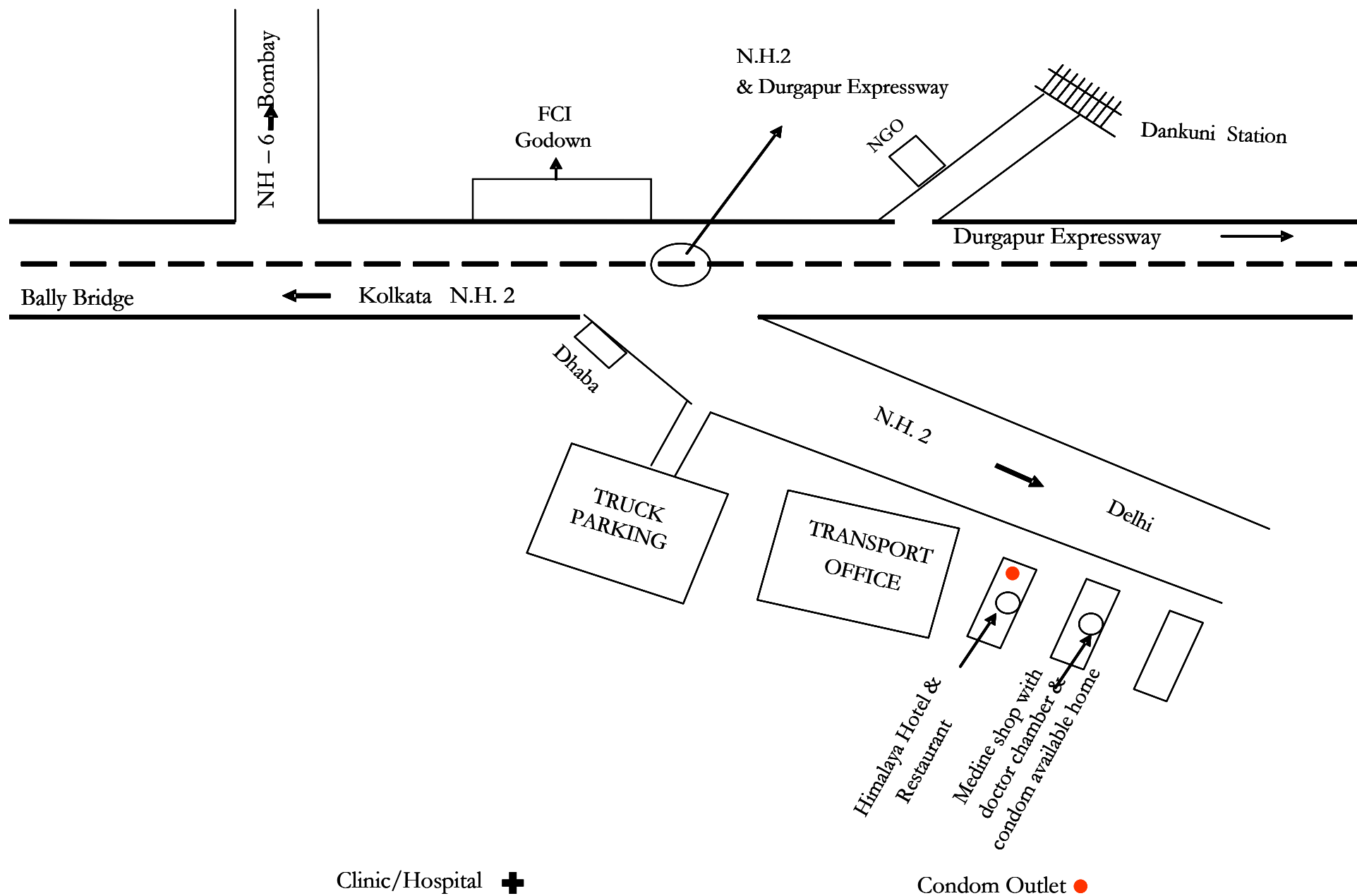
- **Jalgoan Excise Check Post**

An estimated 1369 trucks enter in Jalgoan Excise Check Post every month.

Snapshot of West Bengal TSLs

Name of the TSL	Unique Trucks	Unique Tuckers	Unique Long Distance Trucks	Unique Long Distance Truckers
Siliguri Transport Nagar	2071	4991	1498	3610
Phulbari Truck Terminal Siliguri	1198	3343	704	1965
Haldia	988	2934	14	41
Chengrabandha – Jalpaiguri	1185	2524	172	366
Kolkata Transport Nagar (Dankuni NH-2)	753	1859	664	1640
Durgapur	742	1855	704	1760
Central Warehousing Corporation Petropole Bengaon	4286	12429	2774	8045
Balupara Truck Terminus Hilli Border – West Dinajpur	1347	3098	885	2035
Jalgoan Excise Check Post	1369	3971	960	2784

Kolkata T.P. Nagar (Dankuni NH 2)



Trans-shipment Location Profile	
Name of TSL : City	Kolkata Transport Nagar (Dankuni NH-2)
Nearest NH	002
Approximate no. of Brokers	93
Peak Month	February, March & December
Association & Union Present	Yes
Most frequented Route	Haryana – West Bengal
% of drivers/cleaners staying for more than a day in this TSL	6.9%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	42
Trucks per months	1250
Truck:Trucker	2.5
LDT per month (87.6%)	1095

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 14% Enroute - 58%
% of truckers who had sexual intercourse in last 3 months	78%
Type of partners you have had sex in last three months	Commercial - 43.6% Non-Commercial - 79.5%
Usage of Condom while having sex in last three months	Always- 3% Sometimes- 18% Never- 79%
Participation in trucker welfare activities	14% Health Camps 12% Distribution of Condoms

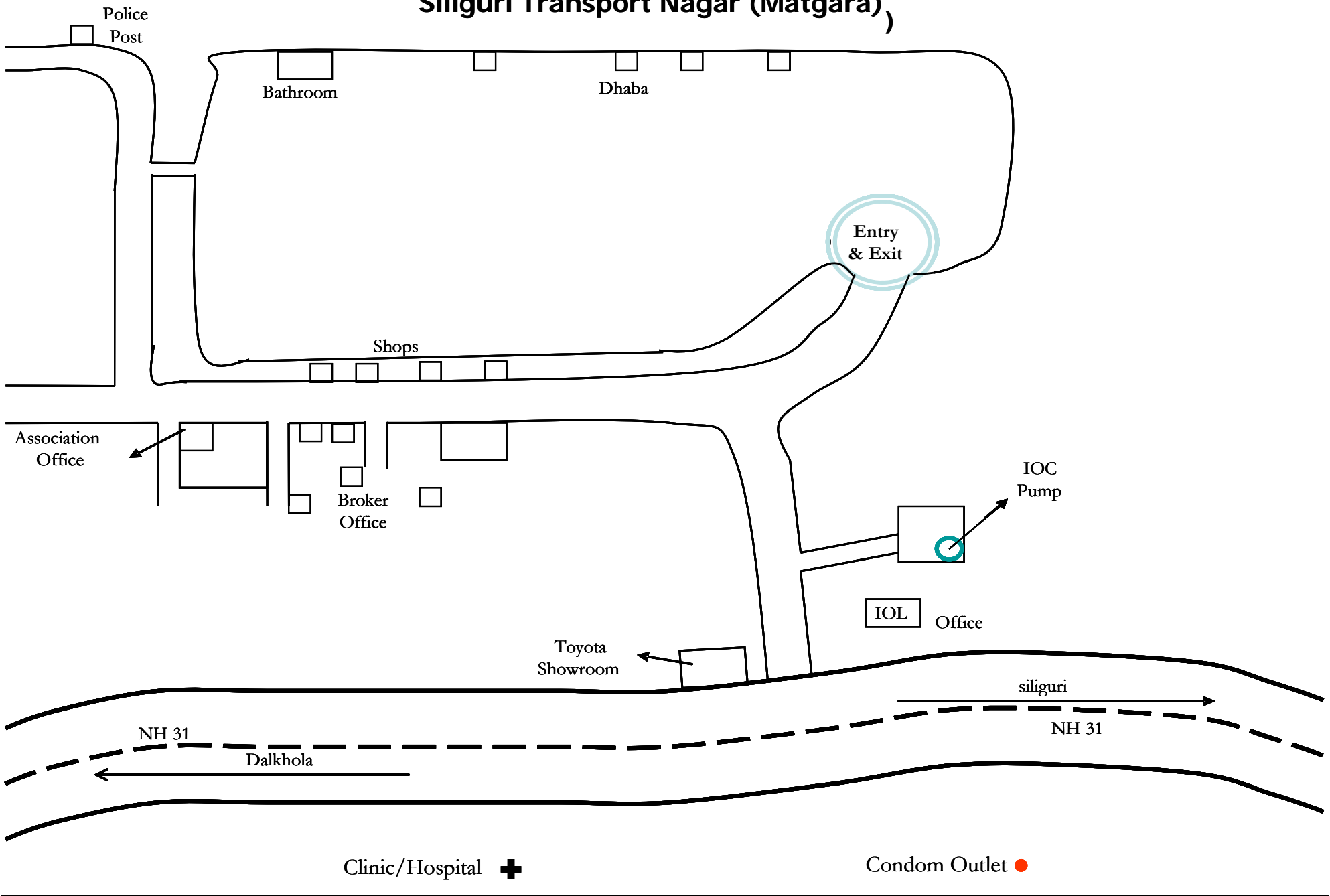
Unique Trucks per Month	753
Unique Truckers per month	1859
Unique Long Distance Trucks per Month	664
Unique Long Distance Truckers per Month	1640

Snapshot of Association present in the TSL

- ❖ **All Dankuni Transporters Association** is functional in Hoogly Transport Nagar. This association was incepted in 2005.
- ❖ Mr Subhash Chandra Sharma, Secretary of the association was contacted.
- ❖ This association works for trucker operators and transport agencies. In case of any problem among transporters and brokers regarding hiring charges, the association tries to solve the problem. In case of an accident of the drivers, the association helps in the treatment and solving the legal issues.
- ❖ According to the Secretary, *"it is necessary to spread awareness amongst the truck drivers about HIV/AIDS to save their family as well as for the society. It will also help in the use of condoms while having sex with the Commercial Sex Workers."*
- ❖ The truck drivers are also suffering from AIDS and other sexually transmitted diseases
- ❖ The association will plan for blood donation camps and willing to participate in trucker welfare programmes, if any, organized by the government.

- **Sristy for Human Society** is an NGO functional in Hoogly Transport Nagar. It was incepted in 1997 and it was operational in Dankuni in 2006.
- Mr Siddhartha Ghosh, Accountant and Mr. Amiya Das, Out Reach Worker of the NGO were contacted.
- This association works for trucker operators as well as for Commercial sex Workers by organizing various programmes like demonstration and social marketing on condoms, video shows, counseling programmes. They also organize free health check up and counseling on STD and HIV prevention.
- According to them, "it is necessary to spread awareness amongst the truck drivers about HIV/AIDS because truck drivers are involved in unprotected sex with commercial sex workers in different places. It will help in the control of the spread of HIV/AIDS in the society"
- The truck drivers are suffering from different type of sexually transmitted infections and there is a possibility of having HIV/AIDS among them.
- The association is willing to conduct more awareness programmes on HIV/AIDS and willing to participate in trucker welfare programmes, if any, organized by the government.

Siliguri Transport Nagar (Matgara),



Trans-shipment Location Profile	
Name of TSL : City	Siliguri Transport Nagar
Nearest NH	031
Approximate no. of Brokers	17
Peak Month	January, February & March
Association or Unions Present	Yes
Most frequented Route	Uttar Pradesh – West Bengal
% of drivers/cleaners staying for more than a day in this TSL	38.6%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	204
Trucks per months	6130
Truck:Trucker	2.4
LDT per month (59.5%)	3647

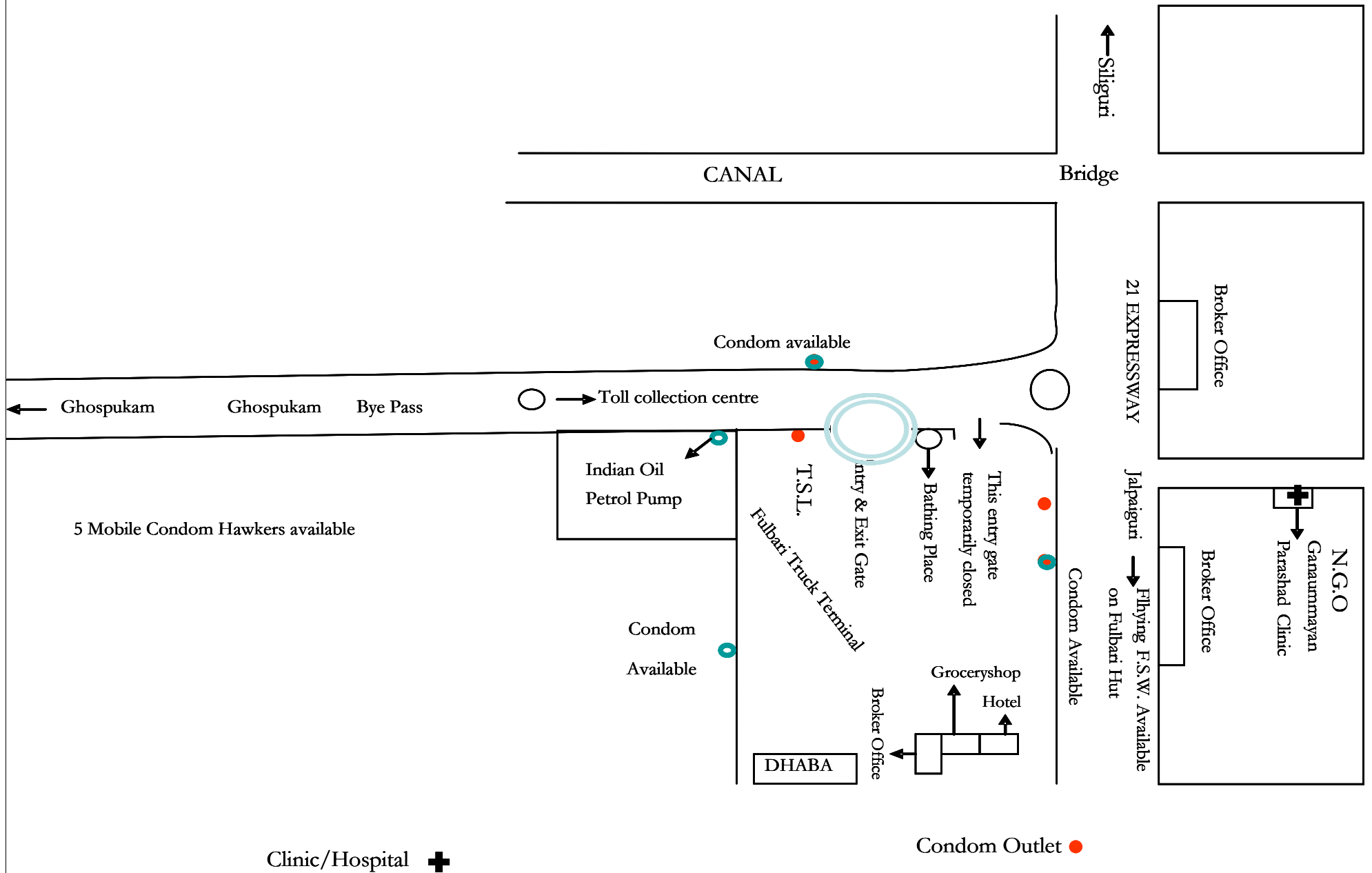
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 56% Enroute - 30%
% of truckers who had sexual intercourse in last 3 months	74%
Type of partners you have had sex in last three months	Commercial - 21.6% Non-Commercial - 97.3%
Usage of Condom while having sex in last three months	Always- 3% Sometimes- 41% Never- 57%
Participation in trucker welfare activities	5% Distribution of Condoms 9% Street Plays

Unique Trucks per Month	2071
Unique Truckers per month	4991
Unique Long Distance Trucks per Month	1498
Unique Long Distance Truckers per Month	3610

Snapshot of Association present in the TSL

- ❖ **Siliguri Transport Brokers Association** is functional in Siliguri Transport Nagar. This association was incepted in 1999.
- ❖ Mr Babulal Sharma, President of the association was contacted.
- ❖ This association works for trucker operators and transport agencies. In case of any problem, the association proved legal helps to the members of the association. The association organizes welfare activities for the truck drivers, and also provide economic support in social events like marriage.
- ❖ According to the President, "Truck drivers are less educated, there is a demand for sex among them due their distance from their families for a long time and indulge in sexual intercourse with commercial sex workers without condom So there is a possibility of having HIV/AIDS among them."
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government

Phulbari Truck Terminal



Trans-shipment Location Profile	
Name of TSL : City	Siliguri (Fulbari)
Nearest NH	021
Approximate no. of Brokers	25
Peak Month	January, February & March
NGO Present	Yes
Most frequent route	Within West Bengal
% of drivers/cleaners staying for more than a day in this TSL	55.8%
Availability of Health Facility in/around TSL	Yes (NGOs)

Mantab of trucks per day	62
Trucks per months	1860
Truck:Trucker	2.8
LDT per month (51.9%)	965

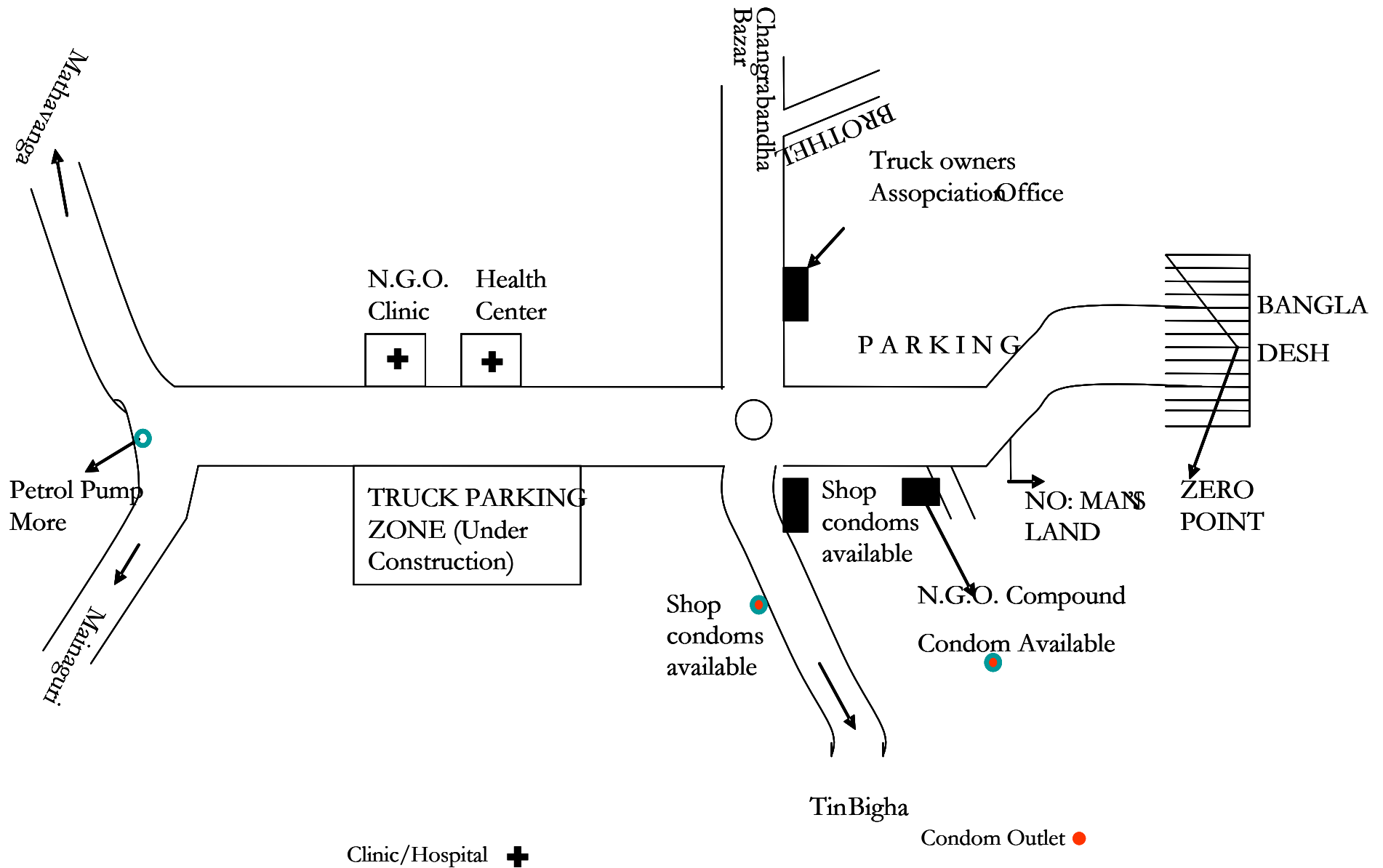
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 86% Enroute - 60%
% of truckers who had sexual intercourse in last 3 months	94%
Type of partners you have had sex in last three months	Commercial - 57.4% Non-Commercial - 74.5%
Usage of Condom while having sex in last three months	Always- 11% Sometimes- 19% Never- 70%
Participation in trucker welfare activities	15% Health Camps 44% Distribution of Condoms 19% Street Plays

Unique Trucks per Month	1198
Unique Truckers per month	3343
Unique Long Distance Trucks per Month	704
Unique Long Distance Truckers per Month	1965

Snapshot of NGO present in the TSL

- ❖ **Gana Unnayan Parishadis** an NGO functional in Phulbari. This NGO was incepted in 2004.
- ❖ Mr Apurba Kumar Saha Outreach worker of the NGO were contacted.
- ❖ This NGO works for trucker operators. The NGO organizes various programmes on pulse polio immunization, street children education and nutrition, reproductive health and STD, HIV/AIDS intervention programmes among truck drivers. They also organized free health check up, condom demonstration and distribution and video shows.
- ❖ According to the Project Coordinator, " *There is a need to spread awareness of HIV/AIDS amongst truck drivers because truck drivers stay away from their homes for along time. To fulfill their physical demand they indulge in sex with unknown sexual partners without any protection.*"
- ❖ The truck drivers who are suffering from different type of sexually transmitted diseases
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government

Changrabandha – Jalpaiguri – Zero Point



Trans-shipment Location Profile	
Name of TSL : City	Chengrabandha Zero Point– Jalpaiguri
Nearest NH	31
Approximate no. of Brokers	4
Peak Month	February and March
Association or Unions Present	Yes
Most frequented Route	Within West Bengal
% of drivers/cleaners staying for more than a day in this TSL	99.5%
Availability of Health Facility in/around TSL	NGOs

Mantab of trucks per day	66
Trucks per months	1980
Truck:Trucker	2.2
LDT per month (%)	4.4

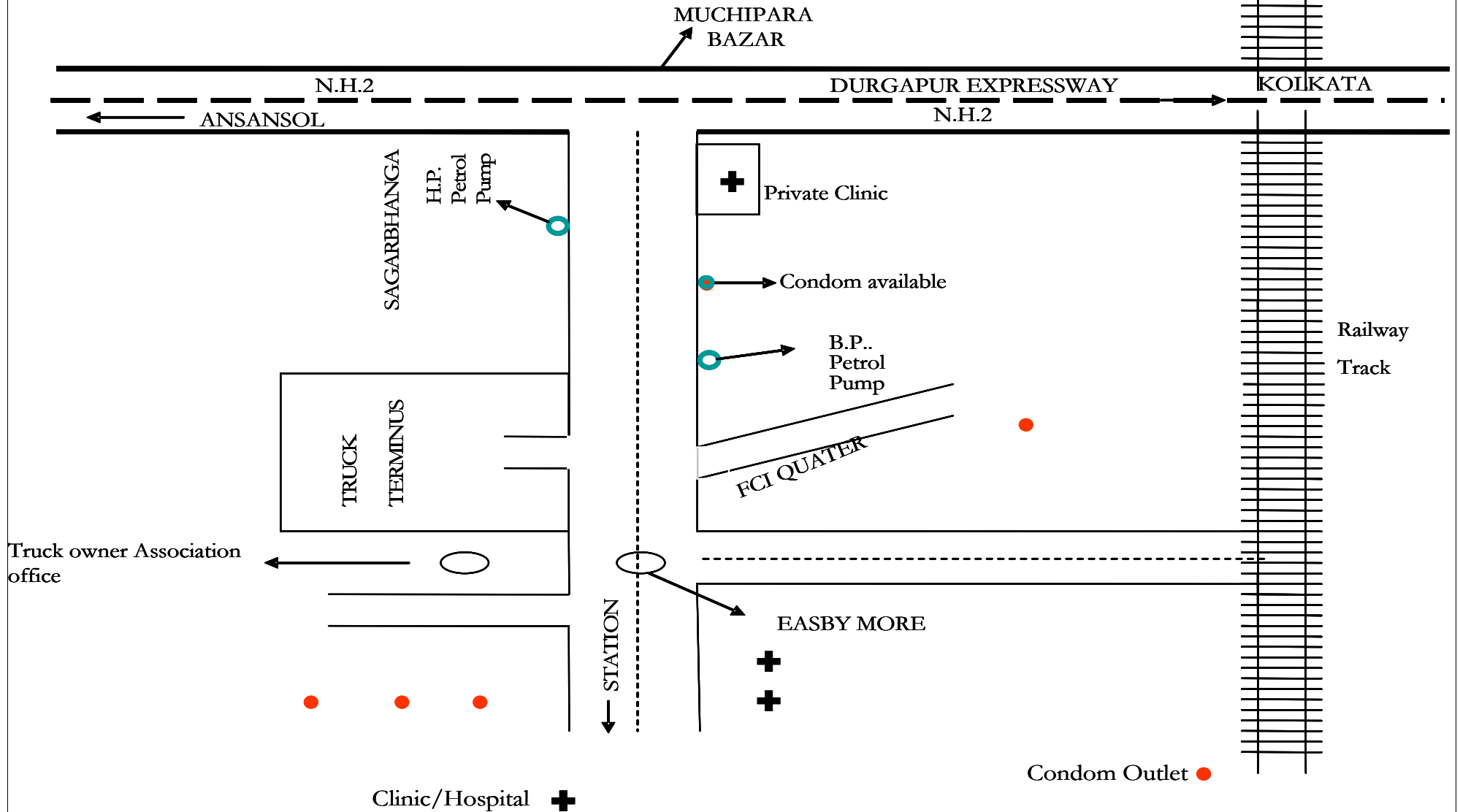
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – 11.25% Enroute – 90%
% of truckers who had sexual intercourse in last 3 months	65%
Type of partners you have had sex in last three months	Commercial – 38% Non-commercial – 92%
Usage of Condom while having sex in last three months	Always – 0% Sometimes – 15% Never – 85%
Participation in trucker welfare activities	Counseling Services -65% Trucker utsav/melas – 30% Group Discussions on health issues -15% Free health Check ups – 10%

Unique Trucks per Month	1185
Unique Truckers per month	2524
Unique Long Distance Trucks per Month	172
Unique Long Distance Truckers per Month	366

Snapshot of Association present in the TSL

- ❖ **Changrabandha Truck Owners Association** is functional in Changrabandha. This association was incepted in 1986.
- ❖ Mr Tapan Kumar Dam, Secretary of the association was contacted.
- ❖ This association works for trucker operators and transport agencies. In case of an accident of the drivers and helpers, the association helps in providing ambulance services.
- ❖ According to the Secretary, "it is necessary to spread awareness amongst the truck drivers about HIV/AIDS because they are having sex in different odd places. And they are suffering from AIDS."
- ❖ The truck drivers are also suffering from sexually transmitted diseases
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government.

Sagarbhangha Truck Terminus



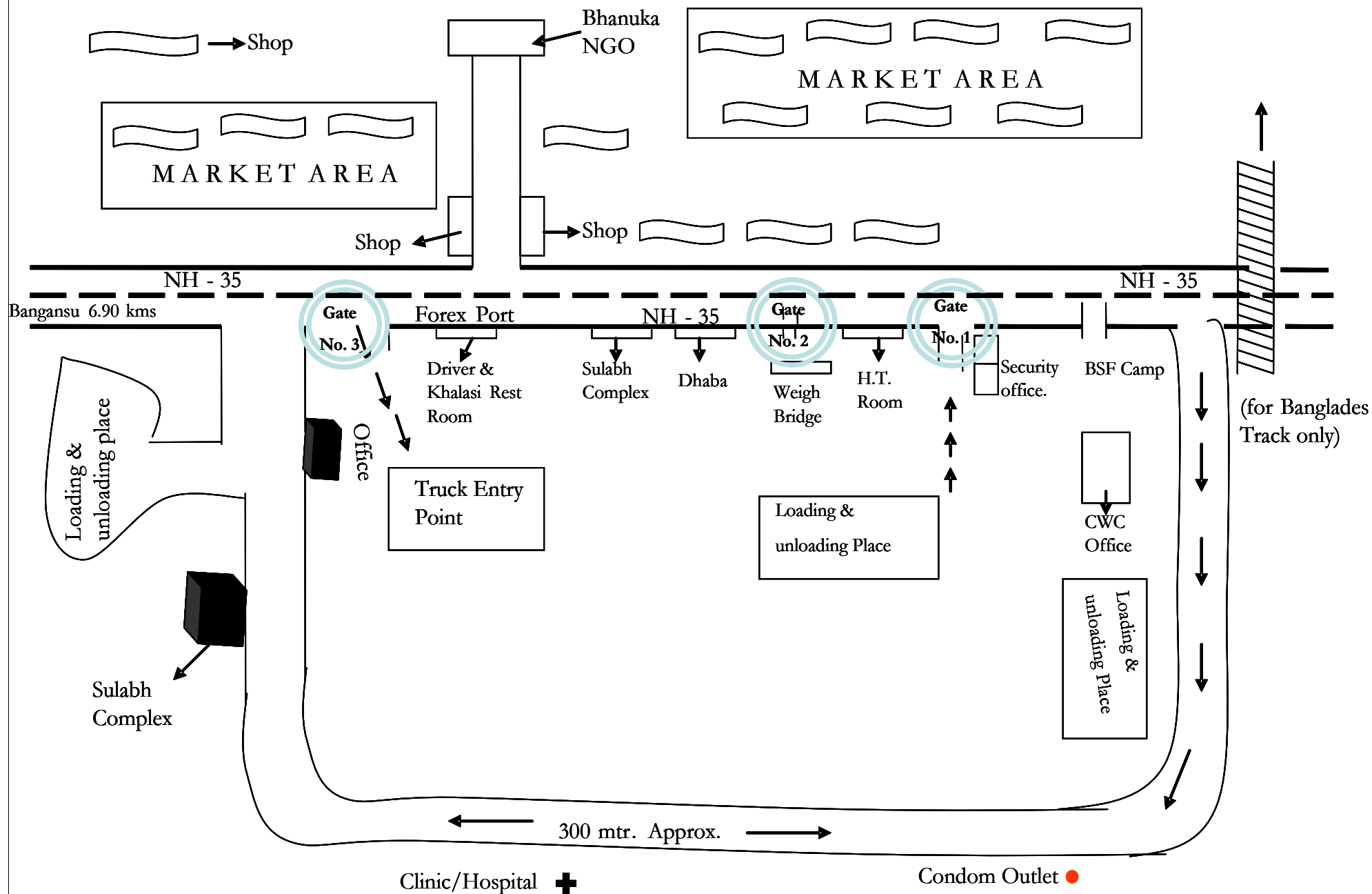
Trans-shipment Location Profile	
Name of TSL : City	Sagarbanga Truck Terminus, Durgapur
Nearest NH	002
Approximate no. of Brokers	5
Peak Month	January, February & December
Association or Unions Present	No
Most frequented Route	Andhra Pradesh – West Bengal
% of drivers/cleaners staying for more than a day in this TSL	94%
Availability of Health Facility in/around TSL	Yes (Private Allopathic Clinic)

Mantab of trucks per day	65
Trucks per months	1940
Truck:Trucker	2.5
LDT per month (%)	84.5

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL -1% Enroute – 96%
% of truckers who had sexual intercourse in last 3 months	84%
Type of partners you have had sex in last three months	Commercial – 93% Non-commercial – 2%
Usage of Condom while having sex in last three months	Always – 19% Someimes –23% Never -58%
Participation in trucker welfare activities	69% - Free health check up camps 37% Distribution of condoms 18% NGOs providing Medical Services

Unique Trucks per Month	742
Unique Truckers per month	1855
Unique Long Distance Trucks per Month	704
Unique Long Distance Truckers per Month	1760

Central Petropole– Bargaon Warehousing Corporation



Trans-shipment Location Profile	
Name of TSL : City	Central Warehousing Corporation Petropole Bengaon
Nearest NH	035
Approximate no. of Brokers	42
Peak Month	January, February & November
NGOs, Association or Unions Present	Yes
Most frequented Route	Within West Bengal
% of drivers/cleaners staying for more than a day in this TSL	66%
Availability of Health Facility in/around TSL	No

Mantab of trucks per day	327
Trucks per months	9800
Truck: Trucker	2.9
LDT per month (%)	31.7

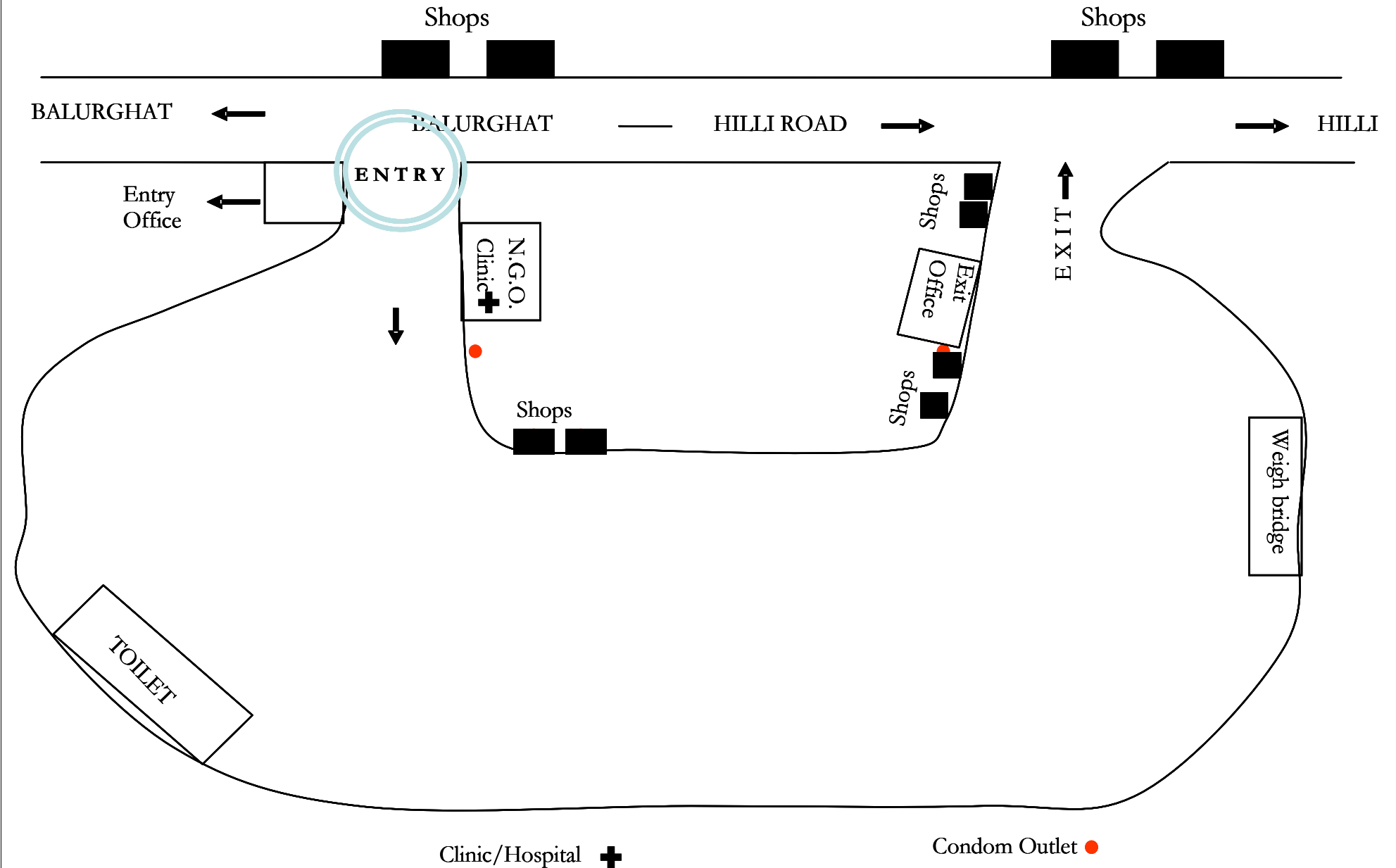
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – None Enroute – 56%
% of truckers who had sexual intercourse in last 3 months	76%
Type of partners you have had sex in last three months	Commercial – 92% Non-commercial – 8%
Usage of Condom while having sex in last three months	Always – 8% Sometimes – 3% Never – 89%
Participation in trucker welfare activities	Distribution of Condoms – 26% Street plays -14%

Unique Trucks per Month	4286
Unique Truckers per month	12429
Unique Long Distance Trucks per Month	2774
Unique Long Distance Truckers per Month	8045

Snapshot of NGO present in the TSL

- ❖ **Bharuka Public Welfare Trust is an NGO functional in Bangaon.** This NGO was incepted in 1995.
- ❖ Mr Sandip Karmakar and Mr Mintu Ranjan Sikdar Outreach workers of the NGO were contacted.
- ❖ This NGO works for trucker operators. The NGO organizes health programmes on RCH, HIV/AIDS and TB. They organized awareness programmes on HIV/AIDS among truck drivers very frequently. Community mobilization and VCCTC awareness camp are also organized.
- ❖ According to the Project Coordinator, "There is a need to spread awareness of HIV/AIDS amongst truck drivers because truck drivers stay away from their wives. To fulfill their physical demand they indulge in sex with outside girls without any precaution."
- ❖ The truck drivers who are suffering from different type of sexually transmitted diseases due to their sexual intercourse with female sex partners.
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government

Ballupara Truck Terminus



Trans-shipment Location Profile	
Name of TSL : City	Balupara Truck Terminus Hilli Border – West Dinajpur
Nearest NH	31
Approximate no. of Brokers	11
Peak Month	January, November & December
Association or Unions Present	Yes
Most frequented Route	Within West Bengal & Andhra Pradesh – West Bengal
% of drivers/cleaners staying for more than a day in this TSL	77%
Availability of Health Facility in/around TSL	Yes (NGO, RMP)

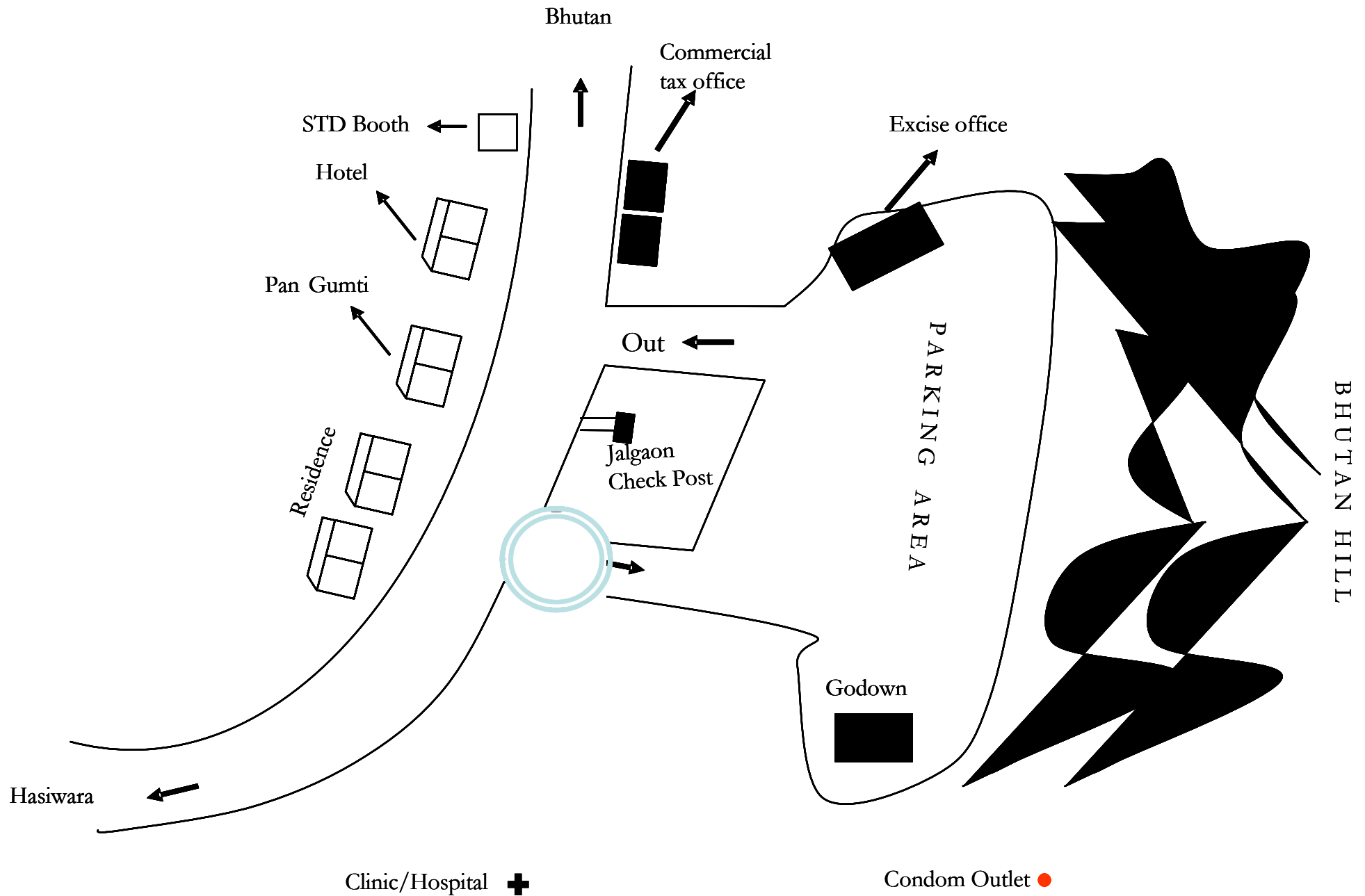
Mantab of trucks per day	175
Trucks per months	5250
Truck:Trucker	2.3
LDT per month (%)	36.3

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – 9.5% Enroute – 60%
% of truckers who had sexual intercourse in last 3 months	72%
Type of partners you have had sex in last three months	Commercial – 0% Non-commercial – 100%
Usage of Condom while having sex in last three months	Always – 0% Sometimes – 28% Never – 72%
Participation in trucker welfare activities	Free Health check up – 4% Distribution of Condoms - 4%

Unique Trucks per Month	1347
Unique Truckers per month	3098
Unique Long Distance Trucks per Month	885
Unique Long Distance Truckers per Month	2035

Snapshot of NGO present in the TSL
<ul style="list-style-type: none"> ❖ Bharuka Public Welfare Trust is an NGO functional in Bangaon. This NGO was incepted in 1995. ❖ Mr Sandip Karmakar and Mr Mintu Ranjan Sikdar Outreach workers of the NGO were contacted. ❖ This NGO works for trucker operators. The NGO organizes health programmes on RCH, HIV/AIDS and TB. They organized awareness programmes on HIV/AIDS among truck drivers very frequently. Community mobilization and VCCTC awareness camp are also organized. ❖ According to the Project Coordinator, "There is a need to spread awareness of HIV/AIDS amongst truck drivers because truck drivers stay away from their wives. To fulfill their physical demand they indulge in sex with outside girls without any precaution." ❖ The truck drivers who are suffering from different type of sexually transmitted diseases due to their sexual intercourse with female sex partners. ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government

Jalgaon Excise Check Post



Trans-shipment Location Profile	
Name of TSL : City	Jalgaon Excise Check Post
Nearest NH	-
Approximate no. of Brokers	24
Peak Month	January, November, December
Association or Unions Present	Yes
Most frequented Route	Within West Bengal
% of drivers/cleaners staying for more than a day in this TSL	99.5%
Availability of Health Facility in/around TSL	Yes (Private Allopathic clinic)

Mantab of trucks per day	141
Trucks per months	4230
Truck:Trucker	2.9
LDT per month (%)	32.9%

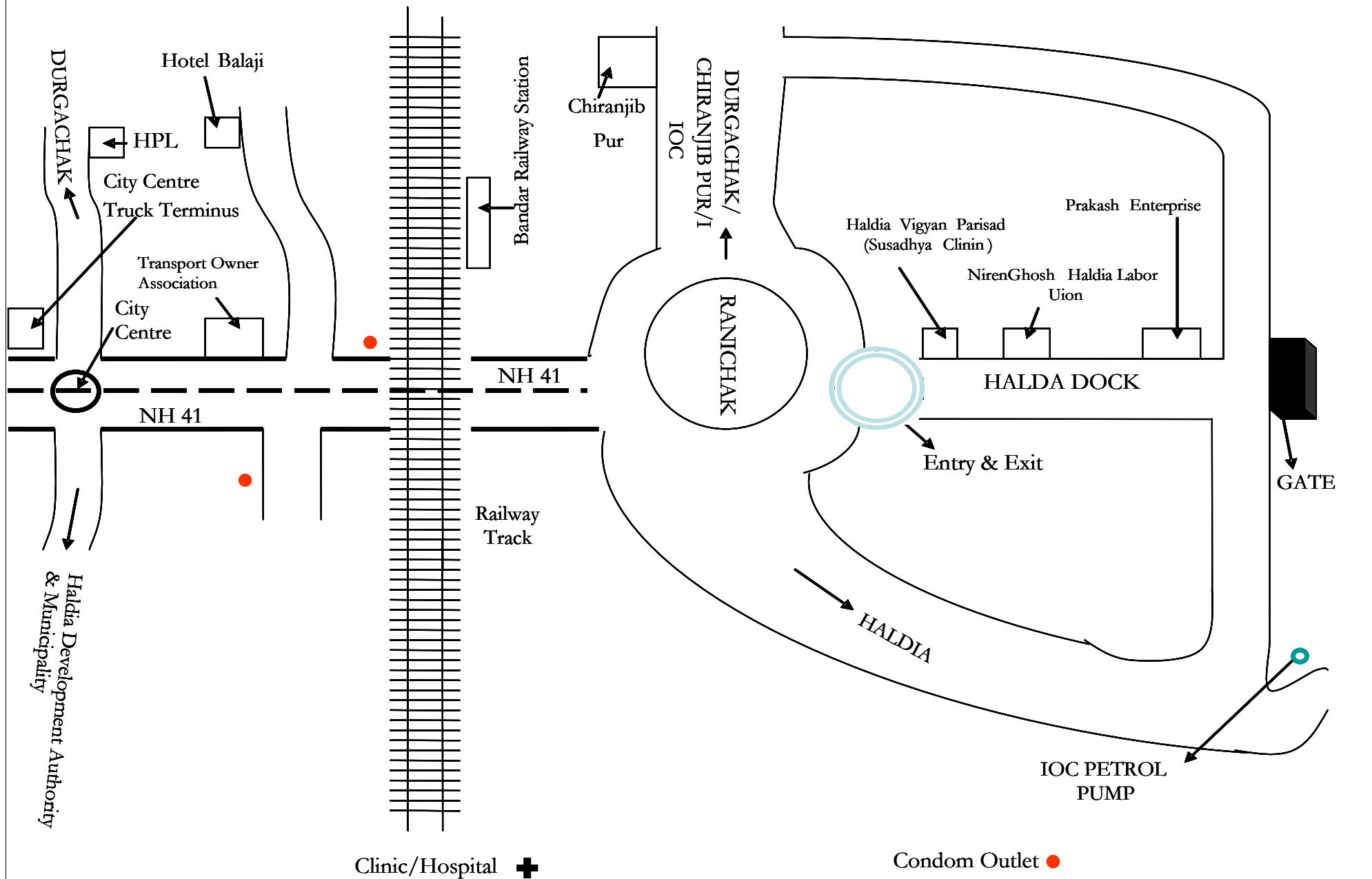
Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL – 95% Enroute – 28%
% of truckers who had sexual intercourse in last 3 months	91%
Type of partners you have had sex in last three months	Commercial-92% Non-commercial-0%
Usage of Condom while having sex in last three months	Always-6% Sometimes- 13% Never- 81%
Participation in trucker welfare activities	Distribution of condoms- 26%

Unique Trucks per Month	1369
Unique Truckers per month	3971
Unique Long Distance Trucks per Month	960
Unique Long Distance Truckers per Month	2784

Snapshot of Association present in the TSL

- ❖ **Transport Association** of Jaigaon is functional in Jaigaon. This association was incepted in 1991.
- ❖ Mr Ashok Kumar Parikh, Secretary of the association was contacted.
- ❖ This association works for trucker operators and transport agencies. They provide legal advice to the truck owners and to drivers. The association also provide economic help for social events for the truck drivers family.
- ❖ According to the Secretary, "it is necessary to spread awareness amongst the truck drivers about HIV/AIDS to save their family as well as for the society. It will also help in the use of condoms while having sex with the Commercial Sex Workers."
- ❖ The truck drivers are also suffering from AIDS and other sexually transmitted diseases
- ❖ The association will plan for blood donation camps and willing to participate in trucker welfare programmes, if any, organized by the government.

Raichawk Haldia Dock Complex



Trans-shipment Location Profile	
Name of TSL : City	Haldia
Nearest NH	NH-41
Approximate no. of Brokers	Less than 10
Peak Month	January, February & March
NGOs, Association or Unions Present	Yes
Most frequented Route	Within West Bengal
% of drivers/cleaners staying for more than a day in this TSL	96.8%
Availability of Health Facility in/around TSL	Yes (NGO,s)

Mantab of trucks per day	171
Trucks per months	5140
Truck:Trucker	3.0
LDT per month (0.9%)	46

Trucker Behaviour	
Condom availability within/near the TSL	Yes
% of truckers aware of FSW hubs	In/around TSL - 50% Enroute - 50%
% of truckers who had sexual intercourse in last 3 months	58%
Type of partners you have had sex in last three months	Commercial - 100% Non-Commercial - 100%
Usage of Condom while having sex in last three months	Always- 0% Sometimes- 14% Never- 86%
Participation in trucker welfare activities	33% Free Health Check up Camps 25% Distribution of Condoms 25% counseling services regarding health issues

Unique Trucks per Month	988
Unique Truckers per month	2934
Unique Long Distance Trucks per Month	14
Unique Long Distance Truckers per Month	41

Snapshot of Association present in the TSL

- ❖ **Haldia Local Truck Owner's Association** is functional in Haldia. This association was incepted in 1986.
- ❖ Mr Atul Paul, Secretary of the association was contacted.
- ❖ This association works for transport owners.
- ❖ According to the President, "Truck drivers are ignorant about HIV/AIDS and they involved in so many illegal sexual activities, so awareness regarding HIV/AIDS should be done among them."
- ❖ The association is willing to participate in trucker welfare programmes, if any, organized by the government

West Bengal TSLs at a glance...

- Nine TSL have been selected from West Bengal out of those three TSL i.e. Balupara Truck Terminus Hilli Border – West Dinajpur , Chengrabandha Zero Point– Jalpaiguri and Siliguri Transport Nagar lie on NH-31.
- Kolkata Transport Nagar (Dankuni) and Sagarbhangha Truck Terminus, Durgapur TSL lie on NH-2. (Delhi-Kolkatta Highway – North-East route category and lie on the Golden Quadrilateral) Kolkata Transport Nagar (Dankuni) furthermore touches NH-6 and NH-35.
- An estimated 9800 trucks enter in Central Warehousing Corporation Petropole Bengaon TSL per month.
- An estimated 87.6% long distance trucks enter in the TSL of Kolkata Transport Nagar every month.
- All of the TSLs shows the availability of condoms within/near TSLs at the same time the non-usage percentage has also been reported very high in all of the TSLs Haldia (86%), Jalgoan Excise Check Post (81%), Balupara Truck Terminus Hilli Border – West Dinajpur (72%), Central Warehousing Corporation Petropole Bengaon (89%), Sagarbhangha Truck Terminus, Durgapur(58%), Chengrabandha Zero Point– Jalpaiguri (85%), Siliguri (Phulbari) (70%), Siliguri Transport Nagar (57%), Kolkata Transport Nagar (Dankuni NH-2) (79%).
- Eight TSL out of nine have the existance of Union/NGO but not all work on health issues except,
 - ❖ Kolkata Transport Nagar, the association works for trucker operators as well as for Commercial sex Workers by organizing various programmes like demonstration and social marketing on condoms, video shows, counseling programmes. They also organize free health check up and counseling on STD and HIV prevention.

- ❖ Siliguri (Phulbari) this NGO works for trucker operators. The NGO organizes various programmes on pulse polio immunization, street children education and nutrition, reproductive health and STD, HIV/AIDS intervention programmes among truck drivers. They also organized free health check up, condom demonstration and distribution and video shows.

- ❖ Central Warehousing Corporation Petropole Bengaon This NGO works for trucker operators. The NGO organizes health programmes on RCH, HIV/AIDS and TB. They organized awareness programmes on HIV/AIDS among truck drivers very frequently. Community mobilization and VCCTC awareness camp are also organized.

- ❖ Balupara Truck Terminus Hilli Border – West Dinajpur This NGO works for trucker operators. The NGO organizes health programmes on RCH, HIV/AIDS and TB. They organized awareness programmes on HIV/AIDS among truck drivers very frequently. Community mobilization and VCCTC awareness camp are also organized.

- It is noteworthy to observe that inspite of several intervention activities by the Union/NGOs in the above mentioned TSLs on HIV/AIDS the percentage of non-users of condom is relatively very high.
- An overwhelming majority of the truckers (97%) interviewed in aforementioned 9 TSLs had knowledge of HIV/AIDS.
- Self risk perception about contracting HIV could influence the high risk behaviour. A very small proportion of the truckers (5%) felt that they were at risk of getting HIV.

S

PORTS

CHAPTER 8

TRUCKING OPERATIONS PORTS

Mumbai, Jawaharlal Nehru at Nhava Sheva, Kandla, Mormugao, New Mangalore and Cochin are the major ports on West Coast and Kolkata/Haldia, Paradip, Visakhapatnam, Chennai, Ennore and Tuticorin are the major ports on the East Coast.

The capacity of Indian Ports increased from 20 million tonnes (MT) of cargo handling in 1951 to 397.50 MT as on 31 March 2005. At the beginning of the Tenth Plan, the capacity of Major Ports was about 344 MT. This is proposed to be increased to 470 MT by the end of the Tenth Plan. Since 2001-02, the aggregate capacity in the major ports is in excess of the traffic handled. Consequently, capacity is no longer a constraint in major ports. As a result, there has been a substantial improvement in their efficiency as borne out by the reduction in waiting time for the ships.

The number of cargo vessels handled at major ports is about 16,500 per annum. The aggregate cargo handled at major ports during 2005-06 was approximately 382.33 million tonnes. Container traffic handled at ports is fast increasing. About 75 per cent of the cargo handled normally at these ports is for overseas trade, of which around 42 per cent constitute exports.

Trucking industry plays a critical role in transporting goods to the mainland and taking other commodities from the mainland to the ports for export. Trucks in this segment are routed through different sources like - CFS / Warehousing agents and big Shipping agencies.

8.1. Trucking Operations at Ports

The port operation for trucks is a little complex as all trucks involved in this segment do not come up to the port gate. Traffic entering the ports can be primarily classified as containerized and non-containerized. To illuminate more on the container and non container traffic lets us first understand the concept of container and non container traffic.

Containerization is a system of cargo transport using standard ISO containers (known as Shipping Containers or Isotainers) that can be loaded and sealed intact onto container ships, railroad cars, planes, and trucks. The introduction of containers resulted in vast improvements in port handling efficiency, thus lowering costs and helping lower freight charges and, in turn, boosting trade flows. Almost every manufactured product humans consume spends some time in a container. Also, eminent Logistics and supply chain experts around the world believe that containerization has revolutionized cargo shipping.

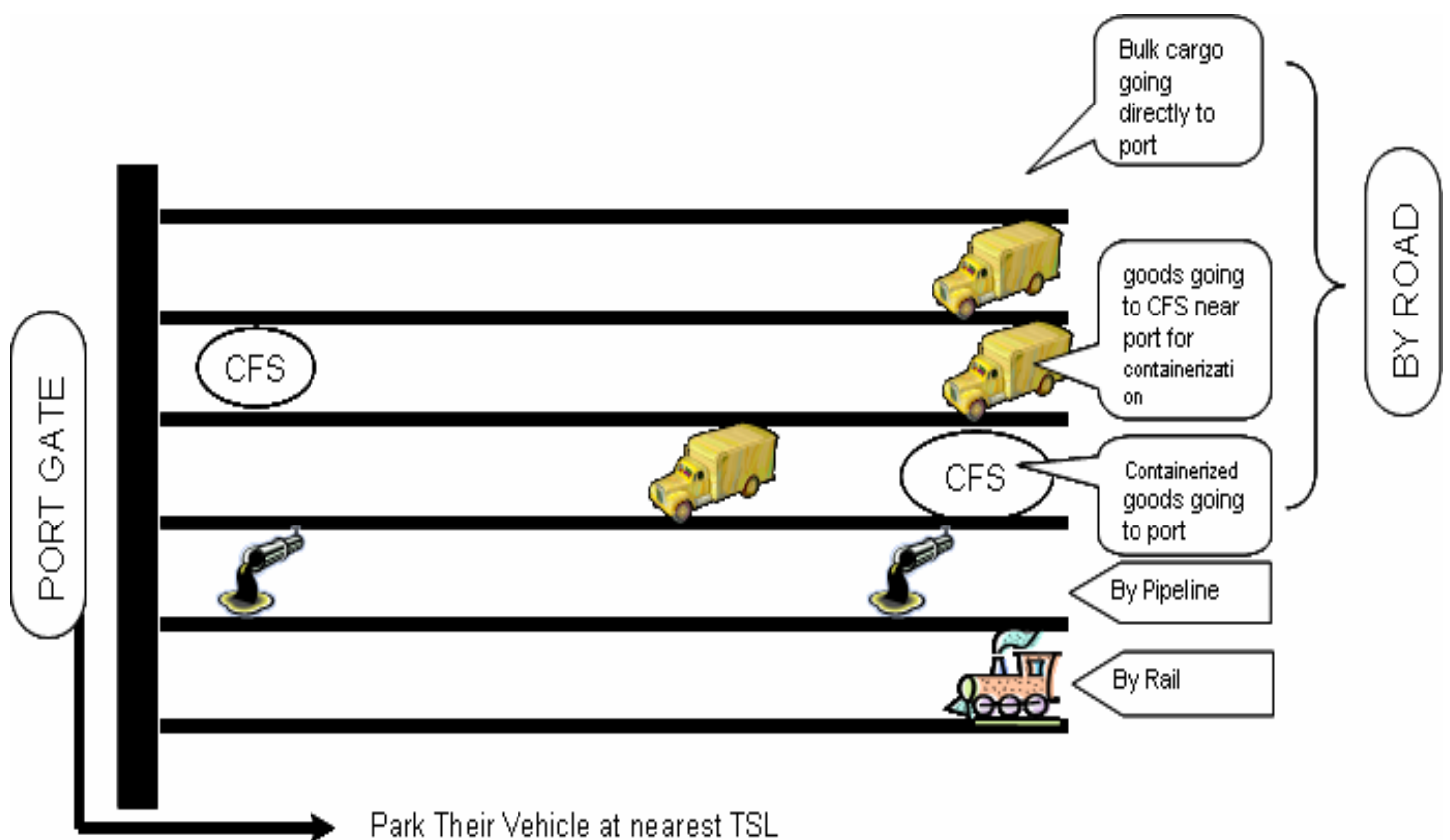
The 20-ft container is the most common container worldwide, but the 40-ft container is increasingly replacing it, particularly because transportation costs tend to vary more per container than per foot or ton. 20-ft, "heavy tested" containers are available for heavy goods (e.g. heavy machinery). These containers allow a maximum weight of 52,910 lb (24,000 kg), an empty weight of 4,850 lb (2,200 kg), and a net load of 48,060 lb (21,800 kg). Whereas, 40-ft containers allow maximum weight of 67,200 lb (30,480 kg), an empty weight of 8,380 lb (2,400 kg), and a net load of 58,820 lb (28,080 kg).

Container capacity is often expressed in twenty-foot equivalent units (TEU, or sometimes TEU). An equivalent unit is a measure of containerized cargo capacity equal to one standard 20 ft (length) × 8 ft (width) container. As this is an approximate measure, the height of the box is not considered, for instance the 9 ft 6 in (2.9 m) High cube and the 4-ft 3-in (1.3 m) half height 20-ft containers are also called one TEU. Similarly, the 45-ft (13.7 m) containers are also commonly designated as two TEU, although they are 45 and not 40 feet long. Two TEU are equivalent to one forty-foot equivalent unit (FEU).

So if we proceed further and assume that a truck in one load, on an average, can carry 15 tonnes of cargo and 26 tonnes of container traffic. Road transport plays a crucial role in transporting goods to ports for export and brings in imports to different parts of the country. Hence goods like electrical appliances, garments etc usually get containerized. Commodities like coal, iron ore and bulk machinery parts are usually not containerized.

Role of Container Forwarding Stations (CFS) is most crucial in this entire process. Majority of goods come to these CFS's, which are usually located near ports, for carting and containerizing goods and subsequently trailers transport the containerized goods till the port gate/Vessel. In some cases, CFS's are located near industrial cities like Ludhiana from where manufactured goods get containerized and then sent to the ports for export. The ensuing section explains the design and methodology adopted for calculating total number of trucks entering ports.

Chart : 1 Modes of Transport of Goods used by Ports



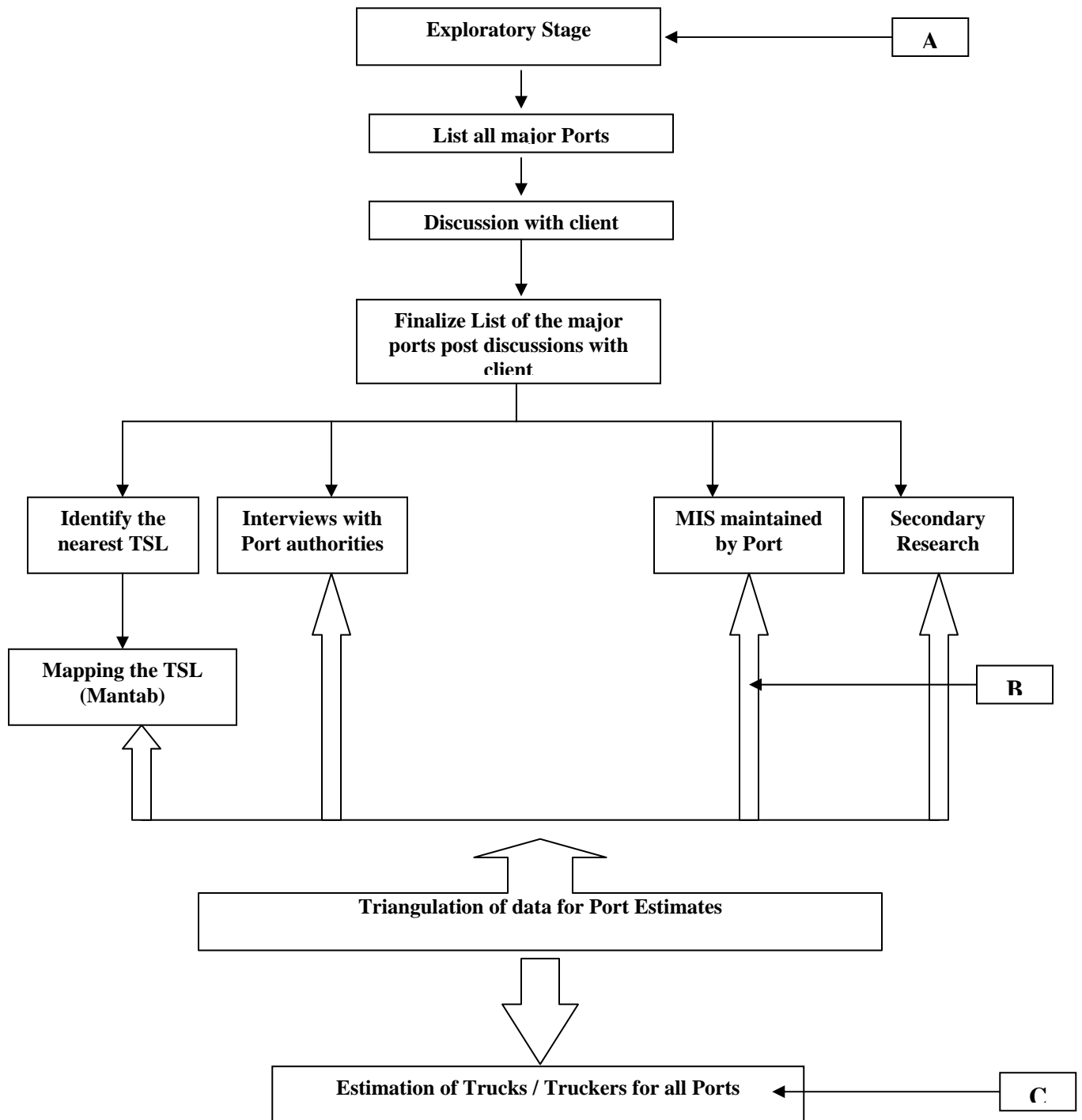
8.2. Design and Methodology

The research design, for ports, was similar to that of Trans-shipment Locations. At the outset, exercise for short-listing major ports was undertaken to ascertain which ports will be selected for purpose of this study. The four ports mapped for the TCIF mapping study were excluded from the scope of mapping for this study.

The first step in exploratory study was search of secondary literature. The secondary data comprised of published documents prepared by authors across the world. Subsequent to secondary search, experience surveys were undertaken where the following mentioned people were interviewed on different aspects such as traffic coming in ports by trucks every month, the concept of TEU's, role of CFS etc.

1. JNPT - Abhilash, Deputy. Manager, CONCOR
2. MPT - K.S. Sunil Kumar, Asst. Manager
3. Kandla - H.C Venkateswara, Traffic Manager
4. Rupabhai Chad, President, Truck owners Association (Kutch District)
5. Haldia - Mr. Ghosh, Traffic Inspector
6. Chennai - Mr. Madhukannan, Traffic Officer (Marketing)
7. Vishakhapatnam – Mr. B Ratnasekhar Rao , Deputy Traffic Manager
8. New Mangalore – Mr. Gopalakrishna, Traffic Manager
9. Paradip – Mr. K.K.Sahu, Deputy Traffic Manager
10. Mr. A.Mahapatra, Public Relation Officer
11. Mormugao – Mr. Freedy Perara, Traffic Manager
12. Tuticorin – Mr. Rajendran, Deputy Traffic Manager
13. Cochin – Mr. G.Aruldoss, Traffic manager

Chart : 2 Operationalising / Implementation Plan



Based on the Amount of the traffic handled by the Ports from the MIS (refer to the table given below) and excluding the four ports already mapped for the TCIF study, the following six ports were shortlisted for the study in consultation with NACO.

1. Vishakhapatnam
2. New Mangalore
3. Paradip
4. Mormugao
5. Tuticorin
6. Cochin

Table : 8a Traffic handled by different ports

PORTS	April to December 2006 (Metric Tonnes)	April to December 2005 (Metric Tonnes)	Included in the study for
Kolkata (Haldia)	39,637	37,808	TCIF
Paradip	27,926	24,437	Included in this study
Vishakhapatnam	40,559	41,041	Included in this study
Ennore	7,547	7,109	Excluded
Chennai	39,728	34,869	TCIF
Tuticorin	13,405	13,050	Included in this study
Cochin	11,395	10,116	Included in this study
New Mangalore	24,036	26,052	Included in this study
Mormugao	23,188	21,043	Included in this study
Mumbai	38,368	33,168	Excluded *
JNPT	32,567	27,969	TCIF
Kandla	38,356	34,101	TCIF
Total	3,36,712	3,10,799	

Note : * Mumbai handles major proportion of POL commodity which is mostly dependent on Inland water transportation and Rail.

Consequent to the exploratory search and discussions with Port Officials, the following assumptions for port transportation were used to estimate the truckers in Port Operations. These

assumptions are based on the report of the committee of secretaries submitted to "The Secretariat for the Committee on Infrastructure, Planning Commission, and GOI".

Table : 8b Proportion of goods taken by different mediums

Cargo Group	Moved by	
Crude Oil	Pipeline 100%	
POL	Railway 25% Road 25% Pipeline 50% (including for costal movement)	
LPG	Railway 50% Road 50%	
LNG	Pipeline 100%	
Thermal Coal	Loading Port Unloading Port	Railway 100% Conveyor 80% Railway 20%
Coking Coal	Railway 100%	
Iron Ore	Mormugao New Mangalore Tamil Nadu Andhra Pradesh Orissa, West Bengal	Inland waterways 80% Railway 20% Pipeline 100% Railway 100% Railway 100% Railway 100%
Food Grains	Railway 70% Road 30%	
Fertilizer Raw Mat	Railway 30% Road 30% IWT 15% Conveyor 15%	
Other Dry Bulk	Railway 30% Road 70%	
Other Liquid Bulk	Pipeline 20% Railway 20% Road 60%	
Containers	Railway 45% Road 55%	
Break Bulk	Railway 20% Road 80%	

Based on the road proportion and the commodity wise break up from Port Authorities, (refer to the table given below) the road tonnage of each Port was estimated.

Table : 8c TRAFFIC IN TERMS OF PRINCIPAL COMMODITIES DURING 2005-2006 AND 2004-2005
Commodity wise traffic breakup

(IN '000 TONNES)											
Port	Period	POL	Iron* ORE	Fertilizer		Coal		Container		Others	Total
				Finished	Raw	Thermal	Coking	Tonnage	TEUs		
Kolkata	05-06	4,934	101	-	-	-	-	3,234	203	2,537	10,806
	04-05	5,534	22	-	-	-	-	2,357	159	2,032	9,945
Haldia	05-06	17,689	7,939	324	508	3,408	5,371	1,911	110	5,187	42,337
	04-05	16,474	5,366	174	345	3,157	5,102	2,029	128	3,615	36,262
Paradip	05-06	910	10,273	-	1,568	12,529	3,758	45	4	4,026	33,109
	04-05	840	9,051	-	2,605	10,942	3,267	31	2	3,368	30,104
Vishakhapatnam	05-06	16,941	16,171	2,995	891	2,740	7,068	630	47	9,065	55,801
	04-05	14,628	16,587	1367	702	2,524	6,517	635	45	7,187	50,147
Ennore	05-06	244	537	-	-	8,387	-	-	-	-	9,168
	04-05	104	520	-	-	8,856	-	-	-	-	9,480
Chennai	05-06	13,113	9,527	701	371	1,914	1,183	11,757	735	8,682	47,248
	04-05	11,699	9,598	572	339	1,976	1,304	9,864	617	8,714	43,806
Tuticorin	05-06	774	-	484	958	6,146	-	3,428	321	5,349	17,139
	04-05	743	42	297	664	5,374	-	3,205	307	5,486	15,811
Cochin	05-06	9,641	-	81	598	199	-	2,488	203	880	13,887
	04-05	10,277	-	71	475	210	-	2,315	185	747	14,095
New	05-06	22,392	9,307	662	-	-	513	149	10	1,428	34,451
Mangalore	04-05	21,434	10,275	354	4	-	315	136	9	1,373	33,891
Mormugao	05-06	833	25,314	228	-	378	2,895	105	9	1,935	31,688
	04-05	1,010	24,717	172	-	283	2,732	117	10	1,628	30,659
Mumbai	05-06	27,781	-	171	424	-	-	2,145	156	11,825	44,190
	04-05	19,396	-	161	413	-	-	2,571	219	12,647	35,187
J.N.P.T.	05-06	2,545	-	-	-	-	-	33,777	2,667	1,514	37,836
	04-05	2,460	-	-	6	-	-	28,747	2,371	1,595	32,808
Kandla	05-06	24,290	2	1,678	252	113	313	2,311	148	16,948	45,907
	04-05	22,120	-	678	278	-	229	2,754	181	15,721	41,551
All Ports	2005-06	142,087	79,171	6,624	5,570	37,658	21,101	61,980	4,613	69,376	383,625
	2004-05	126,442	76,195	3,846	5,831	33,322	19,237	54,761	4,233	64,112	383,746
Container at JNPT - Tonnage: JNPCT - 13909, NSICT - 14838; TEUs: JNPCT - 1139, NSICT - 1232.											
(*) INCLUDES PELLETS ALSO											

8.3. Findings – Ports

8.3.1 Traffic Handled At Major Ports

The table given below provides details of the total tonnage (by commodity) and also an estimation of road tonnage handled by each port. While the first row refers to figures of total tonnage handled for each of the commodities, the row below gives the estimated figures of road tonnage.

Table : 9a Traffic Handled At Major Ports (During April To March 2006)

Proportion by Road		25%	0%	30%		0%		55%	70%	80%	
Port		POL	Iron* ORE	Fertilizer		Coal		Container		Others	Total
				Finished	Raw	Thermal	Coking	Tonnage	TEUs		
Paradip	Total	910	10,273	-	1,568	12,529	3,758	45	4	4,026	33,109
	By Road	228	-	-	470	-	-	25	3	3221	3,946
Vishakhapatnam	Total	16,941	16,171	2,995	891	2,740	7,068	630	47	9,065	56,501
	By Road	4235	-	899	267	-	-	347	33	7252	13,032
Tuticorin	Total	774	-	484	958	6,146	-	3,428	321	5,349	17,139
	By Road	194	-	145	287	-	-	1885	225	4279	7,015
Cochin	Total	9,641	-	81	598	199	-	2,488	203	880	13,887
	By Road	2410	-	24	179	-	-	1368	142	704	4,828
New Mangalore	Total	22,392	9,307	662	-	-	513	149	10	1,428	34,451
	By Road	5598	-	199	-	-	-	82	7	1142	7,028
Mormugao	Total	833	25,314	228	-	378	2,895	105	9	1,935	31,688
	By Road	208.25	-	68.4	-	-	-	57.75	6.3	1,548	1,889

Source: INDIAN PORTS ASSOCIATION

Let us consider Paradip Port for instance. The total Petroleum traffic handled by Paradip Port Trust is around 910,000 tonnes. Given that 25% of this traffic is moved by road (refer to table 8 b), hence of this 910,000 tonnes of Petroleum, 228,000 constitutes road traffic i.e. 25% of 910,000 tonnes. The total Iron ore traffic handled by Paradip is around 10,273,000 tonnes. But

none of this traffic is moved by road. Likewise, the table gives us figures of various principal commodities handled by Paradip and also the estimates of the percentage/figures of these commodities that are moved by road. Adding the total tonnage of each of the principal commodities gives us the total tonnage handled by this port. And, when we add up the total tonnage of each of these commodities that is moved by road, then we get the total road traffic handled at Paradip. Calculations in this manner reveal that a total of 33,109,000 tonnes traffic is handled at Paradip. Of this, an estimated 3,946,000 tonnes reaches the point by road. In a similar way, the total tonnage and the total road traffic for each of the other port points has been estimated.

8.4. Port Estimation

The table given below provides information on the estimated number of unique trucks and truckers used for commodities moved by road at each of the major ports.

Table : 9b Port Estimation

Port	Total traffic by road	Tonnage per annum		Tonnage per month		Trucks used per month		Total Trucks used per month	Unique Trucks per month	Unique truckers per month
		Cargo	Container	Cargo	Container	Cargo	Container			
Paradip	3,946,250	3,918,700	27,550	326,558	2,296	21,771	88	21,859	5,465	14,481
Vishakhapatnam	13,032,450	12,653,050	379,400	1,054,421	31,617	70,295	1,216	71,511	17,878	47,376
Tuticorin	7,015,400	4,905,300	2,110,100	408,775	175,842	27,252	6,763	34,015	8,504	22,535
Cochin	4,828,450	3,317,950	1,510,500	276,496	125,875	18,433	4,841	23,274	5,819	15,419
New Mangalore	7,027,950	6,939,000	88,950	578,250	7,413	38,550	285	38,835	9,709	25,728
Mormugao	1,888,700	1,824,650	64,050	152,054	5,338	10,137	205	10,342	2,586	6,852
Total				2,796,554	348,379	186,437	13,399	199,836	49,959	132,391

The road traffic for each port handled thus computed was again redistributed as Cargo and container traffic (figures received from Port Authorities). To explain this table, the first column gives us figures of the total road traffic handled by the ports (deduced from the preceding table). Column 3 gives us figures of the container road traffic handled by each of the ports. Deducting column 3 figures from column 1 figures gives us an estimated cargo road traffic handled at each port. This differentiation was critical because as per the port officials, an average truck load for cargo and container traffic was 15 tonnes and 26 tonnes per truck / trailer respectively.

To explain the table further, let us consider the scenario at Vishakhapatnam. The total road traffic that is handled at this port in a year is around 1,302,450 tonnes. Of this the container traffic per annum is around 379,400 tonnes. Now when we deduct the latter from the former estimates, we get the total cargo traffic by road at this port in a year, which is around 12,653,050 tonnes. Given that the container traffic per year is around 379,400 tonnes, this implies that the container traffic that is handled at this port per month is around 31,617 tonnes ($379,400/12$). Assuming that an average truck load for container is around 26 tonnes, the number of trucks used for container tonnage per month are around 1,216 ($31,617/26$). Similarly, the cargo traffic at this port per month is around 1,054,421 tonnes. Assuming that an average truck load for cargo is around 15 tonnes, the numbers of trucks used for cargo tonnage per month are around 70,295 (i.e. $1,054,421/15$). Thus the total number of trucks arriving at this port in a month is at an estimated 71,511 (i.e. $1,216 + 70,295$). Now assuming that each truck makes around 4 trips in a month, the unique trucks arriving at this port is around 17,878. An average trucker to truck ratio (2.65) factor coming from the TSL analysis was factored into this so as to arrive at Trucker estimates for Ports. Thus, in total, there are around 47,376 truckers at this port in a given month.

As in the case of the above, the unique trucks and truckers at other major ports such as Paradip, Tuticorin, Cochin, New Mangalore and Mormugao were also calculated.

INDUSTRIES

CHAPTER 9

AN OVERVIEW OF INDUSTRY SEGMENT

- Industry has major share in the GDP of India after service sector. Manufacturing and distribution of finished goods and requirement of raw material makes industries major users of trucks
- To achieve the objectives of the study, the selection of appropriate industries was important. The challenges faced during the selection were:
 - ◆ No variables available for selection in terms of their usage of trucks
 - ◆ Diversity in the industry
 - ◆ Non uniformity in Logistics component

The industry sector in India is greatly diversified and full of organized & unorganized player segments which make it more difficult to classify. Also the logistics component involves many things like procurement of raw material, warehousing of semi-finished and finished products as well as transportation of finished material etc. We have been studying only inbound and outbound logistics of a company. Then the industries were classified into 6 segments which are represented in the following figure.

- In all the short listed industry segments, major players were identified and studied to achieve the objectives of the study. The major players were identified from CMIE data of corporate with annual sales revenues exceeding Rs.500 Crores.

The data collection methods to achieve the objective of the study were as follows:

- **Primary research**
- **Secondary research**
- Seven segments of industries with high truck usage were identified:
 - Automobile
 - Tyre Industry
 - Cement Industry
 - FMCG,
 - Consumer durable were chosen for study
 - Express cargo was also a segment to be studied as these companies mostly operate through road transport.

- Among all the industries, Automobile industries followed by Express Cargo industry emerged as the predominant/heavy users of trucks.
- The entire automobile industry uses an estimated 35,562 unique trucks and 94,239 truckers in a month. Among the various automobile companies, Maruti Udyog emerged as the largest user of unique trucks (4687) and truckers (12,421) in a month. In automobile, as the trucks are specially designed to carry motor vehicles, these trucks ply exclusively for automobile industry. These trucks are associated with a manufacturer.

Table: Truck used by major players

Company	Production	Trucks required (monthly)	Number of Unique trucks	Number of Unique truckers	No. of Trucks associated	Volume Share (sales)
Maruti	674,924	9,374	4,687	12,421	5,000	43
Hyundai	310,786	4,316	2,158	5,719	3,000	20
Passenger Vehicle market			10,865	28,792		100
Hero Honda	3,336,756	5,561	2,781	7,370	2,500	39
Bajaj	2,380,000	3,967	1,983	5,255	2,000	28
TVS	1,500,000	2,500	1,250	3,313	1,200	18
Two wheeler market			7,075	18,749		100
Three wheeler market	547,805	7,608	3,804	10,081		100
LCV market	223,210	3,100	1,550	4,108		100
M&HCV market	294,438	24,537	12,268	32,510		100
Estimated trucks in used in Automobile sector			35,562	94,239		

- *The Express Cargo industry uses an estimated 13,754 trucks. .*

Table: Truck Ownership profile for different companies

Company	Trucks Owned / Associated	Hired	Total	Market Share
GATI	940	2,000	2,940	40%
XPS	1,000	2,000	3,000	13%
Safexpress	1,300	1,700	3,000	12%
TOTAL	3,240	5,700	8,940	65%
Total Exp Cargo	4,985	8,769	13,754	100%

- With an assumption that around 60% of the freight being transported through road ways, a truck on an average can carry 30 tones and a truck makes 6 trips per month, cement industry uses an estimated 32828 unique trucks. Among the various companies ACC uses maximum no of unique trucks (4144). The table below provides an insight into the estimated number of unique trucks and truckers used by the major players in cement industry in a given month.

Table: Trucks used for Transportation

Major Companies	Annual Production*	Monthly Production*	No of trucks per month	Average no. of trips	Unique trucks
ACC	17,902	1,492	24,867	6	4144
UltraTech	13,707	1,142	19,033	6	3172
Ambuja	15,094	1,258	20,967	6	3494
Grasim	14,649	1,221	20,333	6	3389
Century textiles and Industries	6,636	553	9,233	6	1539
Birla Corp.	5,150	429	7,167	6	1194
India Cements	8,434	703	11,700	6	1950
Lafarge	4,573	381	6,367	6	1061
Others	55,660	4,638	77,300	6	12883
Total	141,805	11,817	196,967	6	32828

** figures are in thousands tons*

- Tyre industry uses the lowest number of trucks, hence truckers For Tyre industry, roadways are the preferred option. But the demand is seasonal in nature. In winter, the wear and tear of tyres is less; hence demand is also less during winter compared to summer. That could be a cause for lesser no of trucks being used. Given below is the industry wise break up.

Table: Trucks used for transportation by major players in Tyre Industry (in no)

Companies	Truck & Bus Tyre *	Tractor Tyre *	Passenger Car tyre *	L C V tyre *	Trucks per month*	Average Trips per truck	Unique Trucks
Apollo	297721	22437	245817	106021	4785	5.83	821
Ceat	167347	9737	50057	62611	2103	5.83	361
MRF	223627	25757	320945	100428	4701	5.83	806
J.K Industries	241801	9503	259596	80342	4190	5.83	719
Others	161134	35564	484269	87531	5289	5.83	907
Total	1091630	102998	1360684	436933	21068	5.83	3614

** Figures represent monthly production Source: ATMA*

- FMCG industry uses lowest number of trucks because of their decentralized production and less voluminous product. Moreover consumer durables trucks are not the only option for their transportation; they also use railways and air freight.

Table: Trucks used for transportation

Company	Production capacity (million unit)	Annual no. of trucks	no. of trucks used monthly	unique trucks in a month	No. of plants	Unique Trucks per plant	Actual no. sold	Trucks estimated	Value wise market share
Company	A	B = A / 150	C = B / 12	D = C / 2	E	F = D / E	G	H	I
LG	5	33,333	2,778	1,389	5	278	NA	900-1000	35%
Samsung	4.5	30,000	2,500	1,250	1	1,250	NA	700-800	17%
Whirlpool	2	13,333	1,111	556	3	185	1.5	600+250	13%
TOTAL		76,667	6,389	3,194	9	355	18.5		65%
TOTAL INDUSTRY ESTIMATES			9,829	4,915					100%

It was observed that trucking operation in the above mentioned industries heavily depends upon the Transshipment Location network. The brokers based in the TSLs are key stakeholders in their trucking operations. This is, primarily, because the major players in aforementioned industries do not own trucks and heavily depend upon the third party logistics. However, for specialized industries like Automobiles (where special trucks are used for transporting two wheelers and four wheelers), interventions could be set up in partnership with companies like Maruti Udyog which has several social programmes for truck drivers and then replicate the model with other major players in the automobile industry. Therefore, to optimize the reach of the programme, Transshipment locations could serve as strategic intervention points.

Cycle time Source and Destination (In days)

State	Transport Nagar	Cycle time/turnaround time for trucks between source and destination (In days)
Andhra Pradesh	Hyderabad Autonagar	7.1
Andhra Pradesh	Vijaywada Autonagar	9.6
Andhra Pradesh	Ichchapuram	7.1
Andhra Pradesh	Vishakapatnam Auto nagar	5.8
Assam	Guwhati Beltola truck centre	8.1
Bihar	Purnia Zero Mile Transport Nagar (Gulabbagh)	9.5
Bihar	Patna TP Nagar Bypass	5.1
Bihar	Raxul Bypass Indo Nepal	7.3
Bihar	Baruni (Zero Mile)	4.3
Chandigarh	Chandigarh (Mani Majra) Transport Nagar (Sector 26)	11.0
Chhattisgarh	Bhilai	5.9
Chhattisgarh	Raipur TP Nagar	5.1
Chhattisgarh	Korba TP Nagar	4.6
D & N Haveli	Silvassa/Vapi	3.6
Delhi	Delhi SGTN	5.2
Delhi	Delhi Punjabi Bagh	6.1
Delhi	Delhi Azadpur Mandi Delhi	3.6
Delhi	Delhi ICD Tuglakabad	4.6
Goa	Vasco	4.9
Goa	Ponda	4.2
Goa	Margao	5.1
Gujarat	Surat Transport Nagar	4.7
Gujarat	Gandhidham Transport Nagar	5.7
Gujarat	Vadodra	6.1
Gujarat	Rajkot	4.3
Gujarat	Porbandar	6.4
Gujarat	Jamnagar refinery	6.3
Haryana	Ballabgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT	8.7
Haryana	Panipat Transport Nagar Huda Sec.25	4.5

State	Transport Nagar	Cycle time/turnaround time for trucks between source and destination (In days)
Haryana	Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)	4.3
Jammu & Kashmir	Srinagar Mandi Area	15.0
Jammu & Kashmir	Jammu Transport Nagar (Narwal, Near mandi)	9.0
Jharkhand	G.T.Road Dhanbad (Barwadda)	8.6
Jharkhand	Hazaribagh	9.7
Jharkhand	Guru Dwara Road Bokaro	7.4
Jharkhand	Tata Road Bahragora	7.9
Karnataka	Gulbarga (Mumbai Entrance Chandrakanta)	6.4
Karnataka	Banglore (Attibele)	6.8
Karnataka	Banglore Neelmangla	7.5
Karnataka	Banglore DTTO	7.3
Karnataka	Banglore Meadanayakanahali	6.5
Karnataka	Hubli NH - 4	6.9
Karnataka	Mysore	6.6
Karnataka	Manglore	6.3
Karnataka	Belgaum	6.9
Kerala	Palghat Kanjikodu	1.9
Kerala	Sullan bateri	1.9
Kerala	Ernakulam Kalamassery	2.3
Madhya Pradesh	Gwalior Harishankarpuram	6.6
Madhya Pradesh	Indore Dewasnaka	5.0
Madhya Pradesh	Indore Mechanic Nagar	6.1
Madhya Pradesh	Jabalpur	3.6
Madhya Pradesh	Rewa	3.3
Madhya Pradesh	Bhopal Ashoka Garden	3.4
Maharashtra	Nagpur Pardi Naka (Kalapana)	6.6
Maharashtra	Nagpur Nagpur Wadi	6.4
Maharashtra	Sholapur	2.2
Maharashtra	Kolapur	4.6
Maharashtra	Nasik 8 No. Naka/Nasik Naka	10.2

State	Transport Nagar	Cycle time/turnaround time for trucks between source and destination (In days)
Maharashtra	Ballarpur Paper Industries (Coal Mines)	6.3
Maharashtra	Jalgaon / Malegaon Sagar Transport Nagar	10.3
Maharashtra	Raigarh Nava Sheva J.N.P.T.	6.9
Maharashtra	Raigarh Kalamboli	7.1
Maharashtra	Aurangabad Waluj (Industrial Area)	11.7
Maharashtra	Pune Nigdhi Transport Nagar	9.8
Maharashtra	Pune TELCO	11.9
Mumbai	Mumbai Cotton Green	6.3
Mumbai	Mumbai Wadala Truck Terminus	5.3
Mumbai	Mumbai Bombay Port Trust	4.7
Orissa	Angul NALCO	6.5
Orissa	Raygada	5.5
Orissa	Cuttack Jagatpur Transport Nagar	7.8
Orissa	Rourkela Biramitrapur	8.7
Orissa	Mayurbhanj Jamsola	11.6
Orissa	Bhubhneswar	5.4
Orissa	Paradeep truck parking	6.9
Orissa	Laxmi padia truck parking point - Joda	7.2
Orissa	Kalinga nagar mesco truck parking point	3.9
Pondicherry	Gori Medu (Pattanur)	8.0
Punjab	Amritsar Transport Nagar	12.0
Punjab	Ludhiana Transport Nagar, Semrada Chowk	14.7
Punjab	Pathankot	10.6
Punjab	Jalandhar	10.8
Rajasthan	Jaipur Transport Nagar	4.8
Rajasthan	Jaipur VKIA Road No. 14	5.1
Rajasthan	Bhilwara Chittor Road, Transport Nagar	4.5
Rajasthan	Jodhpur Transport Nagar : Basni	4.9
Rajasthan	Kota Truck Union	3.2
Rajasthan	Kota Bhamashah Mandi	3.6

State	Transport Nagar	Cycle time/turnaround time for trucks between source and destination (In days)
Rajasthan	Bikaner	4.7
Rajasthan	Shahpura Union	5.8
Rajasthan	Pratap Nagar Transport Nagar Udaipur Retistand	3.5
Rajasthan	Ajmer (Kishan garh)	5.9
Rajasthan	Alwar (Bhiwari) MIA Industrial Area	5.0
Tamil Nadu	Coimbtore Devnashi Road (Cochin Road) Ukkadam	5.7
Tamil Nadu	Salem (Shevapet Lorry Stand)	3.6
Uttar Pradesh	Agra Transport Nagar	4.0
Uttar Pradesh	Baralliey Transport Nagar	2.7
Uttar Pradesh	Etawah	5.6
Uttar Pradesh	Allahabad (Khanpur)	11.1
Uttar Pradesh	Gaziabad Transport Nagar (Gyani Border)	3.7
Uttar Pradesh	Mathura Near refinery	3.6
Uttar Pradesh	Kanpur Transport Nagar	11.9
Uttar Pradesh	Varanasi Chandasi (Coal depot)	4.7
Uttar Pradesh	Varanasi Padao	4.2
Uttar Pradesh	Meerut Transport Nagar	4.7
Uttar Pradesh	Moradabad Transport Nagar	3.8
Uttar Pradesh	Gorakhpur Transport Nagar	5.5
Uttar Pradesh	Lucknow Transport Nagar	11.5
Uttar Pradesh	Sharanpur Transport Nagar	4.7
Uttar Pradesh	Jhansi	4.5
Uttranchal	Dehradun Transport Nagar	5.4
Uttranchal	Haldwani/Kathgodam Transport Nagar	3.1
West Bengal	Kolkata Transport Nagar (Dankuni NH-2)	12.9
West Bengal	Siliguri Transport Nagar	7.8
West Bengal	Durgapur	6.5
West Bengal	Haldia	5.2
West Bengal	Siliguri	15.6
West Bengal	Petropole	7.5

State	Transport Nagar	Cycle time/turnaround time for trucks between source and destination (In days)
West Bengal	Chengrabandha - Jalpaiguri	3.9
West Bengal	Hilli Border - West Dinajpur	5.2
West Bengal	Jalgaon	4.5

Physical Mantab Output (Peak and Non Peak Hours)

State	Name of the TSL	% distribution of traffic across different timeslots					
		07.00 – 11.00	11.00 – 15.00	15.00 – 19.00	19.00 – 23.00	23.00 – 03.00	03.00 – 07.00
Andhra Pradesh	Hyderabad Autonagar	18.0	22.2	16.3	17.2	11.6	14.7
Andhra Pradesh	Ichchapuram AP Border	18.7	19.0	19.2	13.8	12.8	16.6
Andhra Pradesh	Vijaywada Autonagar	19.4	19.7	17.4	15.4	15.1	13.0
Andhra Pradesh	Vishakapatnam Auto nagar	16.7	20.3	23.5	17.1	9.4	13.0
Assam	Guwhati Beltola truck centre	6.2	25.4	21.8	23.8	11.4	11.4
Bihar	Baruni (Zero Mile)	13.8	13.8	19.9	22.1	17.2	13.1
Bihar	Patna TP Nagar Bypass	18.0	25.6	21.0	19.8	7.6	8.0
Bihar	Purnia Zero Mile Transport Nagar (Gulabbagh)	16.5	15.72	18.8	10.0	26.5	12.4
Bihar	Raxul Bypass Indo Nepal	49.7	3.8	17.2	13.4	0.0	15.9
Chandigarh	Chandigarh (Mani Majra) Transport Nagar (Sector 26)	14.3	18.5	25.0	14.3	12.4	15.4
Chhattisgarh	Bhanpura Raipur TP Nagar	17.0	17.2	16.2	16.6	16.2	16.8
Chhattisgarh	Korba TP Nagar	15.7	24.8	16.0	16.0	13.9	13.6
Chhattisgarh	Transport Nagar Bhilai	16.5	19.7	18.0	14.9	15.1	15.9
D & N Haveli	Silvassa/Vapi	20.2	18.5	21.8	17.5	13.2	8.8
Delhi	Delhi Azadpur Mandi Delhi	20.6	17.2	12.2	18.0	15.9	16.1
Delhi	Delhi ICD Tuglakabad	15.0	20.8	9.3	16.6	19.0	19.2
Delhi	Delhi Punjabi Bagh	13.8	13.3	16.7	9.3	24.9	22.1
Delhi	Delhi SGTN	13.0	15.7	21.3	20.0	15.5	14.5
Goa	M.P.T Gate No. 9 Vasco	14.4	17.7	17.2	18.0	18.6	14.2
Goa	Ponda Truck Terminus	15.9	15.6	14.4	20.2	15.3	18.6
Goa	Power House Margao	23.1	21.5	27.1	14.6	8.1	5.7
Gujarat	Gandhidham Transport Nagar	13.1	20.0	17.3	18.9	16.2	14.5
Gujarat	Goldun Chokdi Vadodra	23.3	14.7	17.0	18.4	15.0	11.7
Gujarat	Jamnagar refinery Moti Khavdi	17.3	19.5	17.9	16.6	14.2	14.5
Gujarat	Porbandar Truck Transport Assosation	15.8	16.7	17.3	16.4	16.7	17.1
Gujarat	Rajkot Muncipal Corporation Ratton Transport Nagar	17.3	16.2	17.1	16.7	17.7	15.0

State	Name of the TSL	% distribution of traffic across different timeslots					
		07.00 – 11.00	11.00 – 15.00	15.00 – 19.00	19.00 – 23.00	23.00 – 03.00	03.00 – 07.00
Gujarat	Reliance Parking Surat Transport Nagar	18.4	19.0	19.1	16.2	13.9	13.5
Harayana	Ballabhgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT	12.9	18.2	14.1	14.7	22.5	17.6
Harayana	Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)	19.2	14.6	14.9	24.5	11.7	15.1
Harayana	Panipat Transport Nagar Huda Sec.25	20.4	21.1	15.6	14.3	16.4	12.2
Jammu & Kashmir	Jammu Transport Nagar (Narwal, Near mandi)	22.4	17.4	19.4	17.8	15.0	8.0
Jammu & Kashmir	Prampura Srinagar Mandi Area	12.4	24.8	24.4	16.8	12.6	9.0
Jharkhand	Barhi (Panch Madhav) Hazaribagh	16.9	13.4	18.5	18.0	17.1	16.1
Jharkhand	G.T.Road Dhanbad (Barwadda)	18.5	17.3	19.9	15.6	17.3	11.5
Jharkhand	Guru Dwara Road Bokaro	20.0	20.0	18.2	19.8	11.6	10.4
Jharkhand	Tata Road Bahragora	21.7	17.7	20.1	16.4	14.2	9.9
Karnataka	Gulbarga (Mumbai Entrance Chandrakanta) MGTT	17.5	17.4	16.3	20.4	15.9	12.6
Karnataka	Banglore (Attibele)	19.5	20.6	19.1	15.0	13.9	11.8
Karnataka	Banglore DTTO	15.2	23.3	19.6	18.1	12.2	11.5
Karnataka	Banglore Meadanayakanahali	19.0	18.3	17.4	19.0	9.5	16.9
Karnataka	Banglore Neelmangla	18.7	20.8	15.0	25.1	8.5	11.7
Karnataka	Belgaum	19.1	17.8	22.1	17.6	12.6	10.7
Karnataka	Hubli NH - 4	23.0	18.3	16.0	19.5	10.1	13.1
Karnataka	Manglore	17.6	17.7	18.1	18.4	13.3	14.9
Karnataka	Mysore NH 4	21.9	17.7	21.8	11.8	17.4	9.5
Kerala	Ernakulam Kalamassery	17.2	17.9	14.8	17.2	13.7	19.2
Kerala	Palghat Kanjikodu	15.8	15.6	14.9	19.8	14.7	19.2
Kerala	Sullan bateri	16.4	15.9	15.0	19.0	12.2	21.4
Madhya Pradesh	Damoh Naka Jabalpur	7.0	32.8	17.4	18.5	9.5	14.8
Madhya Pradesh	Indore Dewas Naka	15.7	20.1	17.6	16.8	17.1	12.6
Madhya Pradesh	Prabhat Chowk Subhash Nagar Road Transport Nagar Bhopal Ashoka Garden	17.1	17.4	19.0	14.9	17.1	14.4
Madhya Pradesh	Shankarpur Transport Nagar Gwalior Harishankarpuram	16.5	19.4	18.1	18.6	12.1	15.3
Madhya Pradesh	Transport Nagar Indore Mechanic Nagar	15.6	20.8	22.1	17.3	10.4	13.8

State	Name of the TSL	% distribution of traffic across different timeslots					
		07.00 – 11.00	11.00 – 15.00	15.00 – 19.00	19.00 – 23.00	23.00 – 03.00	03.00 – 07.00
Madhya Pradesh	Transport Nagar Rewa	18.2	15.3	11.2	14.7	14.8	25.9
Maharashtra	Ballarshah Paper Industries (Coal Mines)	23.3	21.1	27.6	11.0	5.0	12.1
Maharashtra	Kamgar chowk MIDC Waluj Aurangabad (Industrial Area)	14.9	17.6	20.0	15.9	19.7	11.9
Maharashtra	Mhadhik Petrol Pump Kolhapur	21.5	17.1	17.9	16.9	14.5	12.1
Maharashtra	Nagpur Pardi Naka (Kalapana)	12.2	16.9	22.3	19.9	14.6	14.1
Maharashtra	Nagpur Wadi Naka	18.3	27.9	27.2	15.9	6.7	4.0
Maharashtra	Pune Nigdhi Transport Nagar	15.4	25.5	27.6	15.6	6.1	9.8
Maharashtra	Pune TELCO Transport Nagar	26.5	25.4	20.8	12.3	7.6	7.4
Maharashtra	Raigarh Kalamboli	17.6	18.4	18.8	15.5	17.0	12.6
Maharashtra	Raigarh Nava Sheva J.N.P.T.	19.1	13.3	16.9	17.3	16.0	17.4
Maharashtra	Sholapur	16.7	24.1	14.5	13.5	18.4	12.8
Maharashtra	Transport Nagar Jalgaon / Malegaon Sagar Transport Nagar	12.1	26.7	25.2	13.6	14.4	7.9
Maharashtra	Transport Nagar/ Nasik 8 No. Naka/Nasik Naka	16.8	24.6	22.4	18.1	8.6	9.5
Mumbai	Mumbai Bombay Port Trust	18.2	19.0	16.8	17.0	15.4	13.6
Mumbai	Mumbai Cotton Green	18.3	14.8	14.6	18.5	19.0	14.9
Mumbai	Mumbai Wadala Truck Terminus	18.5	15.3	16.7	20.5	14.9	14.0
Orissa	Aiginia Potato Godown Bhubhneshwar	16.5	17.3	22.7	20.1	12.3	11.2
Orissa	Angul NALCO Nagar Truck Parking	19.9	17.6	16.2	16.9	13.2	16.2
Orissa	Cuttack Jagatpur Transport Nagar	11.1	27.4	19.8	23.2	7.8	10.7
Orissa	J. K. Paper Mill Truck Parking Point Raygada	22.0	22.4	19.1	11.6	10.7	14.2
Orissa	Kalinga Nagar Mesco Truck Parking Point	16.9	16.4	17.3	15.0	13.8	20.6
Orissa	Laxmi Padia Truck Parking Point - Joda	17.9	21.7	16.3	14.5	10.2	19.4
Orissa	Mayurbhanj Jamsola Truck Parking	20.0	19.9	20.1	13.1	11.8	15.2
Orissa	Paradeep Truck Parking	21.0	24.8	18.0	13.5	11.0	11.7
Orissa	Rourkela Biramitrapur Trucker Point	19.2	18.0	18.2	18.5	13.3	12.8
Pondicherry	Gori Medu (Pattanur)	18.7	13.5	20.0	15.5	17.6	14.8
Punjab	Amritsar Transport Nagar	14.4	16.0	19.7	19.2	17.5	13.1

State	Name of the TSL	% distribution of traffic across different timeslots					
		07.00 – 11.00	11.00 – 15.00	15.00 – 19.00	19.00 – 23.00	23.00 – 03.00	03.00 – 07.00
Punjab	Jalandhar	20.1	18.5	20.4	11.8	18.9	10.3
Punjab	Ludhiana Transport Nagar, Semrada Chowk	13.5	24.0	23.7	20.4	12.0	6.5
Punjab	Pathankot	15.1	21.5	21.5	15.6	16.2	10.0
Rajasthan	Ajmer (Kishan garh)	16.2	16.4	18.1	18.2	15.1	16.1
Rajasthan	Alwar (Bhiwari) MIA Industrial Area	17.1	15.1	18.7	20.3	12.0	16.8
Rajasthan	Bhilwara Chittor Road, Transport Nagar	15.4	19.1	19.7	15.5	19.2	11.1
Rajasthan	Bikaner	15.3	16.9	21.3	18.4	16.3	11.9
Rajasthan	Jaipur Transport Nagar	18.3	14.8	14.6	18.5	19.0	14.9
Rajasthan	Jaipur VKIA Road No. 14	18.0	17.8	20.2	15.2	16.9	11.8
Rajasthan	Jodhpur Transport Nagar : Basni	16.4	24.1	17.3	18.1	15.7	8.3
Rajasthan	Kota Bhamashah Mandi	16.6	18.3	17.9	18.9	17.7	10.6
Rajasthan	Kota Truck Union	18.7	22.6	26.5	15.2	9.8	7.2
Rajasthan	Pratap Nagar Transport Nagar Udaipur Retistand	12.6	14.6	17.0	23.1	13.5	19.3
Rajasthan	Shahpura Union Jaipur	16.9	15.1	16.6	16.7	15.3	19.4
Tamilnadu	Coimbtore Devnashi Road (Cochin Road) Ukkadam	10.9	31.3	14.4	24.5	6.0	13.0
Tamilnadu	Salem (Shevapet Lorry Stand)	16.1	31.5	18.4	21.1	4.6	8.4
Uttar Pradesh	Kanpur Road Jhansi	20.9	12.8	12.4	19.2	12.7	22.0
Uttar Pradesh	Agra Transport Nagar	21.4	20.3	16.2	12.9	13.5	15.7
Uttar Pradesh	Allahabad (Khanpur) TP Nagar	16.7	22.4	14.8	18.1	10.8	17.2
Uttar Pradesh	Baralliey Transport Nagar	25.4	21.4	34.2	6.2	8.5	4.3
Uttar Pradesh	Gaziabad Transport Nagar (Gyani Border)	19.3	11.1	13.5	14.4	21.3	20.4
Uttar Pradesh	Gorakhpur Transport Nagar	14.7	15.5	18.8	17.0	17.9	16.1
Uttar Pradesh	Kanpur Transport Nagar	23.1	21.0	14.3	14.5	9.0	18.1
Uttar Pradesh	Lucknow Transport Nagar	21.1	17.2	19.2	14.0	8.7	19.9
Uttar Pradesh	Mathura Near refinery	33.0	20.1	11.1	10.0	7.7	18.0
Uttar Pradesh	Meerut Transport Nagar	24.2	19.3	23.9	15.5	6.4	10.7
Uttar Pradesh	Moradabad Transport Nagar	14.3	16.3	13.0	20.9	19.7	15.8

State	Name of the TSL	% distribution of traffic across different timeslots					
		07.00 – 11.00	11.00 – 15.00	15.00 – 19.00	19.00 – 23.00	23.00 – 03.00	03.00 – 07.00
Uttar Pradesh	Sharanpur Transport Nagar	9.0	8.5	5.5	16.7	40.8	19.4
Uttar Pradesh	Takiya Transport Etawah	26.2	18.7	20.7	11.6	11.0	11.8
Uttar Pradesh	Varanasi Chandasi (Coal depot)	18.0	15.3	17.6	16.4	17.2	15.6
Uttar Pradesh	Varanasi Padao	17.3	21.5	15.8	15.0	15.9	14.4
Uttanchal	Dehradun Transport Nagar	16.2	23.7	23.7	16.2	7.7	12.5
Uttanchal	Haldwani/Kathgodam Transport Nagar	25.7	25.3	19.3	10.6	11.7	7.4
West Bengal	Balupara Truck Terminus Hilli Border - West Dinajpur	22.5	16.8	26.9	6.3	19.0	8.6
West Bengal	Central Warehousing Corporation Petropole Bongaon	4.2	8.5	7.0	26.6	34.3	19.4
West Bengal	Chengrabandha - Jalpaiguri	64.6	9.6	16.2	6.1	3.5	0.0
West Bengal	Durgapur	9.8	17.5	36.6	31.4	3.1	1.5
West Bengal	Fulbari Truck Terminal Siliguri	24.2	23.1	23.1	9.1	6.5	14.0
West Bengal	Jalgaon Excise Check Post	31.4	13.5	22.2	13.5	14.7	4.7
West Bengal	Kolkata Transport Nagar (Dankuni NH-2)Dubey Parking Dankuni	9.6	16.8	21.6	24	12	16
West Bengal	Ranichak Haldia Dock Complex	21.2	22.0	18.7	18.1	4.9	15.2
West Bengal	Siliguri Transport Nagar	17.1	15.2	17.6	15.8	17.8	16.5

State	Name of the TSL	Average length of stay by maximum truckers
Andhra Pradesh	Hyderabad Autonagar	1-2 Days
Andhra Pradesh	Ichchapuram AP Border	3-5 Days
Andhra Pradesh	Vijaywada Autonagar	1-2 Days
Andhra Pradesh	Vishakapatnam Auto nagar	1-2 Days
Assam	Guwhati Beltola truck centre	1-2 Days
Bihar	Baruni (Zero Mile)	<12 hours
Bihar	Patna TP Nagar Bypass	<12 hours
Bihar	Purnia Zero Mile Transport Nagar (Gulabbagh)	<12 hours
Bihar	Raxul Bypass Indo Nepal	12-24 Hours
Chandigarh	Chandigarh (Mani Majra) Transport Nagar (Sector 26)	<12 Hours
Chhattisgarh	Bhanpura Raipur TP Nagar	12-24 Hours
Chhattisgarh	Korba TP Nagar	12-24 Hours
Chhattisgarh	Transport Nagar Bhilai	12-24 Hours
D & N Haveli	Silvassa/Vapi	<12 Hours
Delhi	Delhi Azadpur Mandi Delhi	<12 Hours
Delhi	Delhi ICD Tuglakabad	<12 Hours
Delhi	Delhi Punjabi Bagh	<12 Hours
Delhi	Delhi SGTN	12-24 Hours
Goa	M.P.T Gate No. 9 Vasco	<12 Hours
Goa	Ponda Truck Terminus	<12 Hours
Goa	Power House Margao	<12 Hours
Gujarat	Gandhidham Transport Nagar	12-24 Hours
Gujarat	Goldun Chokdi Vadodra	<12 Hours
Gujarat	Jamnagar refinery Moti Khavdi	<12 Hours
Gujarat	Porbandar Truck Transport Assosation	12-24 Hours
Gujarat	Rajkot Muncipal Corporation Ratton Transport Nagar	<12 Hours
Gujarat	Reliance Parking Surat Transport Nagar	12-24 Hours
Harayana	Ballabhgarh/Faridabad Transport Nagar Sector 37 Bata Chowk Railway Crossing NIT	1-2 Days
Harayana	Gurgaon/Manesar/Dharuhera/Dundahera (Chetak Logistick LTD.)	3-5 Days
Harayana	Panipat Transport Nagar Huda Sec.25	<12 Hours
Jammu & Kashmir	Jammu Transport Nagar (Narwal, Near mandi)	12-24 Hours
Jammu & Kashmir	Prampura Srinagar Mandi Area	12-24 Hours
Jharkhand	Barhi (Panch Madhav) Hazaribagh	<12 Hours
Jharkhand	G.T.Road Dhanbad (Barwadda)	<12 Hours

State	Name of the TSL	Average length of stay by maximum truckers
Karnataka	Gulbarga (Mumbai Entrance Chandrakanta) MGTT	3-5 Days
Jharkhand	Guru Dwara Road Bokaro	<12 Hours
Jharkhand	Tata Road Bahragora	<12 Hours
Karnataka	Banglore (Attibele)	1-2 Days
Karnataka	Banglore DTTO	<12 Hours
Karnataka	Banglore Meadanayakanahali	3-5 Days
Karnataka	Banglore Neelmangla	12-24 Hours
Karnataka	Belgaum	3-5 Days
Karnataka	Hubli NH - 4	3-5 Days
Karnataka	Manglore	3-5 Days
Karnataka	Mysore NH 4	3-5 Days
Kerala	Ernakulam Kalamassery	<12 Hours
Kerala	Palghat Kanjikodu	<12 Hours
Kerala	Sullan bateri	<12 Hours
Madhya Pradesh	Damoh Naka Jabalpur	<12 Hours
Madhya Pradesh	Indore Dewas Naka	1-2 Days
Madhya Pradesh	Prabhat Chowk Subhash Nagar Road Transport Nagar Bhopal Ashoka Garden	<12 Hours
Madhya Pradesh	Shankarpur Transport Nagar Gwalior Harishankarpuram	<12 Hours
Madhya Pradesh	Transport Nagar Indore Mechanic Nagar	<12 Hours
Madhya Pradesh	Transport Nagar Rewa	12-24 Hours
Maharashtra	Ballarshah Paper Industries (Coal Mines)	<12 Hours
Maharashtra	Kamgar chowk MIDC Waluj Aurangabad (Industrial Area)	1-2 Days
Maharashtra	Mhadhik Petrol Pump Kolhapur	<12 Hours
Maharashtra	Nagpur Pardi Naka (Kalapana)	12-24 Hours
Maharashtra	Nagpur Wadi Naka	12-24 Hours
Maharashtra	Pune Nigdhi Transport Nagar	3-5 Days
Maharashtra	Pune TELCO Transport Nagar	1-2 Days
Maharashtra	Raigarh Kalamboli	<12 Hours
Maharashtra	Raigarh Nava Sheva J.N.P.T.	<12 Hours
Maharashtra	Sholapur	<12 Hours
Maharashtra	Transport Nagar Jalgaon / Malegaon Sagar Transport Nagar	12-24 Hours
Maharashtra	Transport Nagar/ Nasik 8 No. Naka/Nasik Naka	1-2 Days
Mumbai	Mumbai Bombay Port Trust	<12 Hours
Mumbai	Mumbai Cotton Green	<12 Hours

State	Name of the TSL	Average length of stay by maximum truckers
Mumbai	Mumbai Wadala Truck Terminus	<12 Hours
Orissa	Aiginia Potato Godown Bhubhneswar	<12 Hours
Orissa	Angul NALCO Nagar Truck Parking	12-24 Hours
Orissa	Cuttack Jagatpur Transport Nagar	<12 Hours
Orissa	J. K. Paper Mill Truck Parking Point Raygada	<12 Hours
Orissa	Kalinga Nagar Mesco Truck Parking Point	<12 Hours
Orissa	Laxmi Padia Truck Parking Point - Joda	<12 Hours
Orissa	Mayurbhanj Jamsola Truck Parking	<12 Hours
Orissa	Paradeep Truck Parking	<12 Hours
Orissa	Rourkela Biramitrapur Trucker Point	<12 Hours
Pondicherry	Gori Medu (Pattanur)	1-2 Days
Punjab	Amritsar Transport Nagar	12-24 Hours
Punjab	Jalandhar	12-24 Hours
Punjab	Ludhiana Transport Nagar, Semrada Chowk	12-24 Hours
Punjab	Pathankot	12-24 Hours
Rajasthan	Ajmer (Kishan garh)	1-2 Days
Rajasthan	Alwar (Bhiwari) MIA Industrial Area	<12 Hours
Rajasthan	Bhilwara Chittor Road, Transport Nagar	1-2 Days
Rajasthan	Bikaner	<12 Hours
Rajasthan	Jaipur Transport Nagar	1-2 Days
Rajasthan	Jaipur VKIA Road No. 14	12-24 Hours
Rajasthan	Jodhpur Transport Nagar : Basni	1-2 Days
Rajasthan	Kota Bhamashah Mandi	<12 Hours
Rajasthan	Kota Truck Union	<12 Hours
Rajasthan	Pratap Nagar Transport Nagar Udaipur Retistand	<12 Hours
Rajasthan	Shahpura Union Jaipur	<12 Hours
Tamilnadu	Coimbtore Devnashi Road (Cochin Road) Ukkadam	12-24 Hours
Tamilnadu	Salem (Shevapet Lorry Stand)	12-24 Hours
Uttar Pradesh	Agra Transport Nagar	12-24 Hours
Uttar Pradesh	Allahabad (Khanpur) TP Nagar	<12 Hours
Uttar Pradesh	Baralliey Transport Nagar	<12 Hours
Uttar Pradesh	Gaziabad Transport Nagar (Gyani Border)	12-24 Hours
Uttar Pradesh	Gorakhpur Transport Nagar	<12 Hours
Uttar Pradesh	Kanpur Road Jhansi	<12 Hours

State	Name of the TSL	Average length of stay by maximum truckers
Uttar Pradesh	Kanpur Transport Nagar	<12 Hours
Uttar Pradesh	Lucknow Transport Nagar	<12 Hours
Uttar Pradesh	Mathura Near refinery	12-24 Hours
Uttar Pradesh	Meerut Transport Nagar	12-24 Hours
Uttar Pradesh	Moradabad Transport Nagar	12-24 Hours
Uttar Pradesh	Sharanpur Transport Nagar	12-24 Hours
Uttar Pradesh	Takiya Transport Etawah	12-24 Hours
Uttar Pradesh	Varanasi Chandasi (Coal depot)	<12 Hours
Uttar Pradesh	Varanasi Padao	<12 Hours
Uttanchal	Dehradun Transport Nagar	12-24 Hours
Uttanchal	Haldwani/Kathgodam Transport Nagar	<12 Hours
West Bengal	Balupara Truck Terminus Hilli Border - West Dinajpur	<12 Hours
West Bengal	Central Warehousing Corporation Petropole Bangaon	<12 Hours
West Bengal	Chengrabandha - Jalpaiguri	<12 Hours
West Bengal	Durgapur	<12 Hours
West Bengal	Fulbari Truck Terminal Siliguri	12-24 Hours
West Bengal	Jalgaon Excise Check Post	<12 Hours
West Bengal	Kolkata Transport Nagar (Dankuni NH-2)Dubey Parking Dankuni	<12 Hours
West Bengal	Ranichak Haldia Dock Complex	<12 Hours
West Bengal	Siliguri Transport Nagar	12-24 Hours

TSL IDENTIFICATION FORMAT**SECTION A: IDENTIFICATION (TO BE FILLED IN BY SUPERVISOR)** (सुपर वाइजर के द्वारा भरा जाये)

A1.	Supervior Name & Code सुपरवाइजर का नाम एवं कोड				154-155
A2.	Record the Type of TSL टी एस एल का प्रकार OBSERVE & RECORD	Organized संगठित		1	111
		Unorganized असंगठित		2	
A3.	How many broker/Transporter/Transport Owner offices are their in this TSL? इस टी एस एल में कितने दलाल/ट्रान्सपोर्टर/ ट्रान्सपोर्ट ऑफिस है?	Key Informant 1 मुख्य रूप से जानकारी प्रदान करने वाला 1	Key Informant 2 मुख्य रूप से जानकारी प्रदान करने वाला 2	Key Informant 3 मुख्य रूप से जानकारी प्रदान करने वाला 3	
		Here Key Informants would be 'THREE' major Brokers/Transporters/Transport Owners in that area यहाँ पर मुख्य रूप से जानकारी प्रदान करने वाले उस क्षेत्र के 3 बड़े दलाल/ट्रान्सपोर्टर/ट्रान्सपोर्ट मालिक होंगे			
a.	Record the NAME of Broker/transporter/transport owner दलाल/ट्रान्सपोर्टर/ट्रान्सपोर्ट मालिक का नाम लिखें Please attach their business cards for our reference हमारी सुविधा के लिए कृपया उनके बिजनेस कार्ड इसके साथ लगा लें।				
b.	Record the no. of transport / broker offices present within this TSL उस टी एस एल में जितने ट्रान्सपोर्ट/दलालों के ऑफिस हैं उनकी संख्या लिखें	□□□	□□□	□□□	112-120
A4.	Approximately how many trucks can be accommodated in this parking space at a given point of time? इस पार्किंग की जगह पर एक बार में आमतौर पर लगभग कितने ट्रक खड़े हो सकते हैं?	□□□□	□□□□	□□□□	121-132

A5.	Are there any NGO's/ associations/unions present in this TSL ? क्या इस टी एस एल में कोई एन जी ओ/संस्था/ यूनियन है? Multiple Coding Possible Observe and Record and mark in the TSL map. कई कोडिंग संभव देखें और रिकॉर्ड करें और टी एस एल मैप में मार्क करें	NGO's एन जी ओ		01
		Associations संस्था		02
		Unions यूनियन		03
		None of these इनमें से कोई नहीं		99
		Others, specify _____ अन्य कृपया बताएं		
A6.	What are the types of health facilities in this TSL इस टीएसएल में किस प्रकार की स्वास्थ्य सुविधायें मौजूद हैं? Multiple Coding Possible Observe and Record and mark in the TSL map. कई कोडिंग संभव देखें और रिकॉर्ड करें और टी एस एल मैप में मार्क करें	Private Allopathic Clinic प्राइवेट एलोपैथिक क्लीनिक		01
		Ayurvedic Clinic आयुर्वेदिक क्लीनिक		02
		NGO's एन जी ओ		03
		Others Specify _____ अन्य कृपया बताएं		
		No Health Facility कोई स्वास्थ्य सुविधा नहीं		99
A7.	Are you aware of any CSW hubs/areas near to this TSL? क्या आप इस टी एस एल के नजदीक किसी सी एस डब्लू केन्द्र/क्षेत्र के बारे में जानते हैं?	Key informant 1 मुख्य रूप से जानकारी प्रदान करने वाला 1	Key informant 2 मुख्य रूप से जानकारी प्रदान करने वाला 2	Key informant 3 मुख्य रूप से जानकारी प्रदान करने वाला 3
	Record the nearest Landmark/details/name of the area and 'mark in the TSL map'. उस क्षेत्र के नजदीक का <u>लैण्डमार्क/जानकारी/नाम</u> लिखें और उसे टी एस एल मैप में मार्क करें Here Key informants could be Truck drivers, Dhaba Owners or Officlas in NGO/Associations यहाँ पर जानकारी देने वाले मुख्य रूप से ट्रक ड्राइवर, ढाबे वाले या एन जी ओ/संस्थाओं के अधिकारी हो सकते हैं			

133-138

139-144

A8.	<p>Please do physical counting of trucks standing in the TSL at that time</p> <p>उस समय टी एस एल पर जितने ट्रक खड़े हैं उनकी गिनती खुद करें</p> <p>Physically count the trucks standing in this TSL</p> <p>इस टी एस एल में जितने ट्रक खड़े हैं उनकी गिनती करें</p>	<div style="text-align: center;">□□□□□</div>		145-149
A9.	<p>Are there any outlets stocking condoms in/around TSL?</p> <p>क्या इस टी एस एल के आस-पास/के अंदर कोई दुकान है जो कॉन्डोम रखती हैं?</p> <p>Observe and Record</p>	<p>Yes हाँ</p> <p>No नहीं</p>	<p>1</p> <p>2</p>	
A10	<p>Which is the nearest National Highway to this TSL?</p> <p>इस टी एस एल के सबसे नजदीक का राष्ट्रीय राजमार्ग कौन-सा है?</p>	<p>NH □□□</p> <p>राष्ट्रीय राजमार्ग संख्या</p>		151-153
A11	<p>No of Entry and Exit Point</p> <p>अंदर और बाहर जाने के रास्तों की संख्या</p> <p>(Mark in the Map)</p>	<p>Only Entry Point</p> <p>केवल अंदर आने के रास्ते</p> <p style="text-align: right;">□</p>		154
		<p>Only Exit Point</p> <p>केवल बाहर जाने के रास्ते</p> <p style="text-align: right;">□</p>		155
		<p>Entry and Exit Point</p> <p>अंदर और बाहर के रास्ते</p> <p style="text-align: right;">□</p>		156

BROKER/TRANSPORTER OPERATOR QUESTIONNAIRE

<div>Oral Consent</div> <div>Please say to respondent:</div> <div>Namaste. My name is _____. I have come from Social and Rural Research Institute of IMRB International. IMRB is a leading research organization and we conduct a lot of studies on various social issues such as agriculture, education, health, water, sanitation etc. Currently we wrokign for NACO, Ministry of Health and Family Welfare and are carrying out study on truck drivers and helpers. In this regard we wish to talk to you for some time. The survey will take about 20 minutes to complete. Whatever information you provide will be kept strictly confidential and will not be shown to other persons. May I continue?</div> <div>नमस्ते जी! मेरा नाम _____ है। मैं आई एम आर बी की एक विशेषज्ञ शाखा सोशल एण्ड रूरल रिसर्च इन्स्टीट्यूट की ओर से आया हूँ। आई एम आर बी एक अग्रणी मार्केट रिसर्च संस्था हैं और हम विभिन्न सामाजिक मुद्दों जैसे कृषि, शिक्षा, स्वास्थ्य, पानी, स्वच्छता आदि पर सर्वे करते रहते हैं। आजकल हम NACO, स्वास्थ्य एवम परिवार मंत्रालय के लिए ट्रक ड्राइवरों और हेल्पर्स के बीच एक सर्वे कर रहे हैं। इस संबंध में हमे आपसे कुछ मिनट बात करना चाहेंगे। इस सर्वे को पूरा होने में लगभग 20 मिनट का समय लगेगा। आप हमें जो भी जानकारी देंगे उसे पूरी तरह से गुप्त रखा जायेगा और उसे किसी अन्य व्यक्ति को नहीं दिखाया जायेगा। क्या मैं जारी कर सकता हूँ?</div>										
Yes हाँ			1	→ Continue जारी रखें						
No नहीं			2	→ Terminate and End इन्टरव्यू समाप्त करें						
Section A: Identification										
A1.	Name of Respondent रिस्पॉण्डेंट का नाम									
A2.	Profile of the respondent रिस्पॉण्डेंट का काम		Owner मालिक				01			
			Employee कर्मचारी				02			
			Relative of the owner मालिक का रिश्तेदार				03			
			Others, specify _____ अन्य कृपया बताएं							
A3.	Name & code of the Trans-shipment Location (TSL)/Transport Nagar/Loading-Unloading Point ट्रान्स-शिपमेन्ट की जगह(TSL)/ ट्रान्सपोर्ट नगर/लोडिंग-अनलोडिंग प्वाइंट									113-115
A4.	City name शहर का नाम									
A5.	State Name & Code राज्य का नाम और कोड									
A6.	Interviewed by (with code)					Code				116-117
A7.	Supervised by (with code)					Code				118-119
A8.	Date of Interview इन्टरव्यू की तारीख		D D M M Y Y Y Y □□/□□/2008							120-121
A9.	Time of the interview इन्टरव्यू का समय (code starting time and ending time in 24 hours clock format)		Starting time		Ending Time					
			Hours □□	Minutes □□	Hours □□	Minutes □□				

IMRB Supervision :

	Accompanied	Back Checked	Spot Checked	Scrutinized
Supervisor	1	1	1	1
Editor	2	2	2	2
EIC	3	3	3	3
OFE	4	4	4	4
FM	5	5	5	5
	134-136	137-139	140-141	142-143

Section B: About Trans-shipment Locations				
B1.	Is the broker/transport operator/transporter office within / around the premise of Transport Nagar/TSL क्या दलाल/ट्रान्सपोर्ट ऑपरेटर/ट्रान्सपोर्ट ऑफिस ट्रान्सपोर्ट नगर/टी एस एल के प्रॉगण के अंदर/आसपास है?	Yes हाँ	1	144
		No नहीं	2	
B2.	Are there any NGO's located near/within TSLs that you are aware of? क्या आप इस टीएसएल में/आसपास के एनजीओ के बारे में जानते हैं?	Yes हाँ	1	145
		No नहीं	2	
B3.	Please mention how many NGO's those are present near/within the TSL that you are aware of? कृपया बताएं कि इस टी एस एल/आसपास कितने एनजीओ हैं जिनके बारे में आप जानते हैं?	No. of NGO's एन जी ओ की संख्या		146-147
		<div><div></div><div></div></div>		
B4.	Can you tell me the name of NGOs present near/ within this TSL कृपया मुझे उन एन जी ओ के नाम बताएं जो इस टी एस एल के आसपास/ अंदर स्थित है?	1. _____ 2. _____ 3. _____		148-156
B5.	What are the activities conducted by these NGO's? इन एन जी ओ के द्वारा कौन-कौन सी गतिविधियों की जाती है?	For Truckers (a) (157-168) ट्रक वालों के लिए	For General Public (b) (169-180) आम जनता के लिए	
	Providing Medical Services चिकित्सकीय सेवाएं प्रदान करना	01	01	
	Free Health Check up Camps मुफ्त स्वास्थ्य परीक्षण कैम्प	02	02	
	Organize trucker utsav/melas ट्रकर उत्सव/मेला आयोजित करना	03	03	
	Distributes Condoms कॉण्डोम का वितरण	04	04	
	Provide counseling services सलाह देने की सेवाएं	05	05	
	Organize Group Discussions on health issues conducted by other truckers at various halt points रुकने की विभिन्न जगहों पर अन्य ट्रक वालों के द्वारा स्वास्थ्य संबंधी मुद्दों पर सामूहिक परिचर्चा	06	06	
	Oragnize Steet Plays/ Nukkad natak सड़क पर नाटक/नुक्कड़ नाटक आयोजित करना	07	07	
	Oragnize Health Game Kiosk/Health Exhibitions हेल्थ गेम किऑस्क/स्वास्थ्य प्रदर्शनी आयोजित करना	08	08	
	Organize Film Shows फिल्म शो आयोजित करना	09	09	
	Distribute Audio cassettes ऑडियो कैसेटों का वितरण	10	10	
	Don't Know much about it इसके बारे में ज्यादा नहीं जानते हैं	11	11	
	Others, specify _____ अन्य कृपया बताएं			
B6.	Are there any associations/unions present within this TSL? क्या इस टी एस एल के अंदर कोई संस्था/यूनियन है?	Yes	1	181
		No	2	
B7.	Please mention the number of the unions/associations that are present near/within TSLs that you are aware of?	No. of Associations संस्थाओं की संख्या		182-183

		<div>□□</div>			
B8.	Can you tell me the name of unions/ associations present near/ within this TSL कृपया मुझे उन संस्थाओं/यूनियन के नाम बताएं जो इस टी एस एल के आसपास/ अंदर स्थित हैं?	1. _____ 2. _____ 3. _____			211-219
B9.	What are the activities conducted by these associations/unions? इन संस्थाओं/यूनियन के द्वारा कौन-कौन सी गतिविधियाँ की जाती हैं? Multiple responses Possible	For Truckers (a) ट्रक वालों के लिए (220--225)	For Brokers/Transporters (b) दलालों/ट्रान्सपोर्टर्स के लिए (226-231)		
	Help and support in Legal issues सही मुद्दों पर सहायता करना और सहयोग प्रदान करना	01	01		
	Help and Support in dealing with different Ministries and govercerment bodies विभिन्न मंत्रालयों और सरकारी विभागों से संपर्क करने में सहायता करना और सहयोग प्रदान करना	02	02		
	Organizing festivals/melas त्यौहारों/मेला का आयोजन	03	03		
	Organize religious events/jagrans धार्मिक उत्सव/जागरण आदि का आयोजन करना	04	04		
	Others, Specify अन्य कृपया बताएं	_____	_____		
SECTION C: General Information सामान्य जानकारी					
C1.	On an AVERAGE how many trucks do you use in a MONTH? एक महीने में आप औसतन कितने ट्रक इस्तेमाल करते हैं? Probe Extensively	<div>□□□□</div>			232-235
		None एक भी नहीं		9999	
C2.	How many of the trucks which you use are owned by you/your company/your family members OR your relatives? आप जितने ट्रक इस्तेमाल करते हैं उनमें से कितने आपके/आपकी कंपनी के/आपके परिवार के सदस्यों के या आपके रिश्तेदारों के हैं? Here ownership refers to those trucks which are registered in the name of the transport company/family members/relatives	<div>□□□□</div>			236-239
		No Answer		9999	
C3.	How many of the trucks which you use are associated with you/your company? आप जितने ट्रक इस्तेमाल करते हैं उनमें से कितने आपसे/आपकी कंपनी से संबंधित हैं? Here association referes to those trucks which are hired from other brokers/transport owners	<div>□□□□</div>			240-243
		No Answer कोई जवाब नहीं दिया		9999	
C4.	How many Truckers are there on your compnies pay role?	<div>□□</div>			
C5.	Do you have your offices in any other city in India? क्या भारत के किसी और शहर में आपके ऑफिस हैं?	Yes हाँ		1	244
		No नहीं		2	→ C6
C6.	How many offices do you have? आपके कितने ऑफिस हैं?	<div>□□</div>			245-246
C7.	Do you have a warehouse/ godown here? क्या यहाँ पर आपका वेयर हाउस/गोदाम है?	Yes हाँ		1	247
		No नहीं		2	→ C8

C8.	What is the size of the warehouse/Godown? वेयर हाउस/गोदाम का आकार क्या है? <i>(In case of multiple godowns take the size of largest godown)</i> <i>If possible, Observe and Record.</i> <i>Single Coding</i>	Less than 200 Sq ft. 200 स्क्वायर फीट से कम		1	
		200 – 500 Sq ft. 200–500 स्क्वायर फीट		2	
		500-1000 Sq ft. 500–1000 स्क्वायर फीट		3	
		1000 and above 1000 और उससे ज्यादा		4	
C9.	a) Which are the months when you have the maximum business? वो कौन-कौन से महीने हैं जिनमें आपका बिजनेस सबसे ज्यादा रहता है? b) Which are the ones when you have least business वो कौन-कौन से महीने हैं जिनमें आपका बिजनेस सबसे कम रहता है? <i>Multiple Coding possible</i>	Maximum Business सबसे ज्यादा बिजनेस (a) 249-260	Least Business सबसे कम बिजनेस (b) 261-272		
		01	01		
		02	02		
		03	03		
		04	04		
		05	05		
		06	06		
		07	07		
		08	08		
		09	09		
		10	10		
		11	11		
		12	12		
		C10.	On an average for how many hours a trucker halts at this particular TSL? खासतौर पर इस TSL पर ट्रक वालें औसतन कितने घण्टे रुकते हैं? <i>(Record in Hours)</i>		

C11.	In your opinion, TYPICALLY which are the type of goods handled by this TSL? आपकी राय में इस TSL के द्वारा आमतौर पर किस प्रकार की चीजों को ट्रांसपोर्ट किया जाता है?	FMCG एफ एम सी जी	01	
		Sport Goods खेल का सामान	02	
		Garments कपड़े	03	
		Spare Parts स्पेयर पार्ट्स	04	
		Perishable foods ताजा खाद्य सामग्री	05	
		Packaged Foods पैकेट वाली खाद्य सामग्री	06	
		Construction materials निर्माण सामग्री	07	
		Durables/White Goods ड्युरेबल्स	08	
		Industrial Goods/Light & heavy Machinery औद्योगिक सामान / हल्की और भारी मशीने	09	
		Chemicals/ Fertilizers/Minerals केमिकल / फर्टिलाइजर / खनिज	10	
		Automobile ऑटोमोबाइल	11	
		Food grains अनाज	12	
		Coal/gas/Petrol/Oil/Fuels कोयला / गैस / पेट्रोल / तेल / ईंधन	13	
		Others, Specify _____ अन्य कृपया बताएं		
		Others, Specify _____		
Others, Specify _____				

THANK AND TERMINATE

Physical Mantab Sheet										
								Code		
Name & code of the Interviewer इन्टरव्यूवर का नाम और कोड										111-112
Name & code of the supervisor सुपरवाइजर का नाम और कोड										113-114
Name & Code of TSL टी एस एल का नाम और कोड										115-117
Total Entry Points कुल इन्ट्री प्वाइंट										118-119
Entry Point/Gate No. इन्ट्री प्वाइंट/गेट नंबर										120-121
Sheet No. शीट नंबर										122-123
Date <i>In (DD/MM/YY) format</i> तारीख (तारीख/महीना/वर्ष) के रूप में		□□/□□/2008								124-127
		Please record the date in 24 Hour Clock Format कृपया 24 घण्टे वाली घड़ी के समय के फार्मेट से तारीख लिखें								
		From जहाँ से				To जहाँ तक				
		Hours घंटे	Minutes मिनट		Hours घंटे	Minutes मिनट				
Start Time शुरू करने का समय				:						128-135
Break Time अंतराल का समय				:						136-143
End time समाप्त करने का समय				:						144-151
No. of tyres टायरों की संख्या	Tally mark टेलीमार्क								Total कुल	
4										152-154
6										155-157
10										158-160
Above 10 10 से ज्यादा										161-163

PORT OFFICIALS QUESTIONNAIRE

Oral Consent
Please say to respondent:

Namaste. My name is _____. I have come from Social and Rural Research Institute of IMRB International. IMRB is a leading research organization and we conduct a lot of studies on various social issues such as agriculture, education, health, water, sanitation etc. Currently we are carrying out study on truck drivers and helpers. In this regard we wish to talk to you for some time. The survey will take about 20 minutes to complete. Whatever information you provide will be kept strictly confidential and will not be shown to other persons. May I continue?

Yes (continue with interview)1

No (end interview)2

SECTION A: IDENTIFICATION									
A1	Name of Respondent								
A2	Designation of Respondent	Container Officer	1	111					
Instruction: If information is collected from multiple respondents, it could multiple coding here.	Cargo Officer	2							
	Traffic Officer/Traffic Manager	3							
	MIS Managaer	4							
	Others _____	9							
A3	Name of the Port	Vishakapatnam	1	112					
	New Mangalore	2							
	Paradip	3							
	Mormugao	4							
	Tuticorin	5							
	Cochin	6							
A6	Interviewed by (with code)		Code				113-114		
A7	Supervised by (with code)		Code				115-116		
A8	Date of Interview	D D M M Y Y Y Y □□ / □□ / □□□□117-124							
A9	Time of the interview (code starting time and ending time in 24 hours format)	Starting time Ending Time Hours Minutes Hours Minutes □□ □□ □□ □□125-132							

IMRB Supervision :

	Accompanied	Back Checked	Spot Checked	Scrutinized
Supervisor	1	1	1	1
Editor	2	2	2	2
EIC	3	3	3	3
OFE	4	4	4	4
FM	5	5	5	5

133-136

137-140

141-144

145-150

B1	Can you tell me how many port gates are there in this port? Instruction: Here Port gate refers to a gate from where the trucks enter the port to off load. There could be single or multiple port gates in a port.	<div>□□</div>		151-155
B2	Can you tell me on an average how many trucks enter the port gate in a day? ASK and RECORD a) Only code, if coded 01 in B1 OR b) Only code if coded 02 or more in B1	a) Single Gate	<div>□□□□□</div>	156-160
		OR		
		b) Multiple Gates		
		First Gate	<div>□□□□□</div>	
		Second Gate	<div>□□□□□</div>	
		Third Gate	<div>□□□□□</div>	
B3	If possible, validate the above figures with the entry register kept at the gate. In Ports, entry register fortrucks is maintained. Take last days figure, observe and record. OBSERVE and RECORD a) Only code, if coded 01 in B1 OR b) Only code if coded 02 or more in B1	a) Single Gate	<div>□□□□□</div>	161-163
		OR		
		b) Multiple Gates		
		First Gate	<div>□□□□□</div>	
		Second Gate	<div>□□□□□</div>	
		Third Gate	<div>□□□□□</div>	
B4	On an average , for how long the trucks halt in this port? Record in Hours	<div>□□</div> Hours		164-165
B5	What is the proportion of container and cargo proportion entering this port? ASK and RECORD	Cargo	<div>□□%</div>	411-415
		Contanier	<div>□□%</div>	
B6	Validate the above figures from the official records/MIS records. OBSERVE and RECORD Request the Traffic Manager/MIS manager if they can provide you with the cargo Vs. container Data. Else gather the commodity wise data (if possible)	Cargo	<div>□□%</div>	419-436
		Container	<div>□□%</div>	

B7	What are the type of goods which are exported or imported through this port?	Coal/Gas/Petrol/Oil/Fuel	01
		Food grains	02
		Chemicals/Fertilizers/Minerals	03
		Packaged Fodo	04
		Durables/White Goods	05
		Spare Parts	06
		Garment	07
		Indutrial Goods	08
		Others_____	

THANK AND TERMINATE

TRUCKER BEHAVIOUR QUESTIONNAIRE

Oral Consent

Please say to respondent:

Namaste. My name is _____. I have come from Social and Rural Research Institute of IMRB International. IMRB is a leading research organization and we conduct a lot of studies on various social issues such as agriculture, education, health, water, sanitation etc. Currently we wroking for NACO, Ministry of Health and Family Welfare and are carrying out study on truck drivers and helpers. In this regard we wish to talk to you for some time. The survey will take about 20 minutes to complete. Whatever information you provide will be kept strictly confidential and will not be shown to other persons. May I continue?

नमस्ते जी! मेरा नाम _____ है। मैं आई एम आर बी की एक विशेषज्ञ शाखा सोशल एण्ड रुरल रिसर्च इन्स्टीट्यूट की ओर से आया हूँ। आई एम आर बी एक अग्रणी मार्केट रिसर्च संस्था हैं और हम विभिन्न सामाजिक मुद्दों जैसे कृषि, शिक्षा, स्वास्थ्य, पानी, स्वच्छता आदि पर सर्वे करते रहते हैं। आजकल हम NACO, स्वास्थ्य एवम परिवार मंत्रालय के लिए ट्रक ड्राइवरों और हेल्परों के बीच एक सर्वे कर रहे हैं। इस संबंध में मैं आपसे कुछ मिनट बात करना चाहूँगा इस सर्वे को पूरा होने में लगभग 20 मिनट का समय लगेगा। आप हमें जो भी जानकारी देंगे उसे पूरी तरह से गुप्त रखा जायेगा और उसे किसी अन्य व्यक्ति को नहीं दिखाया जायेगा। क्या मैं जारी कर सकता हूँ?

Yesहाँ

1

→ Continue
जारी रखें

No नहीं

2

→ Terminate and End
इन्टरव्यू समाप्त करें

Sectrion A: Identification

A1.

A2.

Profile of the respondent
रिस्पॉण्डेंट का काम

Driver ड्राइवर

1

Helper/Cleaner/Conductor हेल्पर/क्लीनर/कंडक्टर

2

A3.

Name of the Trans-shipment Location (TSL)/Transport Nagar/Loading-Unloading Point
ट्रान्स-शिपमेन्ट की जगह(TSL)/ ट्रान्सपोर्ट नगर/लोडिंग-अनलोडिंग प्वाइंट

A4.

City
शहर

A5.

State
राज्य

A6.

Interviewed by (with code)

Code

A7.

Supervised by (with code)

Code

A8.

Date of Interview
इन्टरव्यू की तारीख

D D M M Y Y Y Y

□□/□□/2008

A9.

Time of the interview
इन्टरव्यू का समय

Starting time

Ending Time

Hours Minutes

Hours Minutes

□□ □□

□□ □□

(code starting time and ending time in 24 hours clock format)

IMRB Supervision :

	Accompanied	Back Checked	Spot Checked	Scrutinized
Supervisor	1	1	1	1
Editor	2	2	2	2
EIC	3	3	3	3
OFE	4	4	4	4
FM	5	5	5	5
	133-135	136-138	139-141	142-144

Section B: Demographic Profile & Work				
Q No प्रश्न संख्या	Questions प्रश्न	Responses जवाब	Codes	Routing/ Instruction
B1.	What is your Age? आपकी उम्र कितनी है? RECORD AGE IN COMPLETED YEARS	Age in completed years आयु पूर्ण वर्षों में <div><div></div><div></div></div>		Terminate if age < 18
B2	Can you read and write? क्या आप पढ़ और लिख सकते हैं? SINGLE CODING ONLY	Can read and write पढ़ और लिख सकते हैं	1	
		Can read only केवल पढ़ सकते हैं	2	
		Cannot read and write पढ़ और लिख नहीं सकते हैं	3	→ B4
B3	What is the highest grade you have completed until now ? कृपया बताएं के आपने अब तक अधिकतम कहाँ तक शिक्षा प्राप्त की है? SINGLE CODING ONLY	Literate but no formal Schooling शिक्षित लेकिन कोई औपचारिक शिक्षा नहीं	1	
		Class I to Class V कक्षा 1 से कक्षा 5 तक	2	
		Class VI to SSC/HSC/SSLC/PUC/Inter/Metric कक्षा 6 से हाई-स्कूल / इण्टरमीडिएट	3	
		Diploma डिप्लोमा	4	
		Graduation/ P.G. / Professional & Above स्नातक / परास्नातक / प्रोफेशनल और उससे ज्यादा	5	
		Don't Know / Can't Say नहीं जानते / कह नहीं सकते	8	
		No answer कोई जवाब नहीं	9	
B4	What is your Marital Status? आपकी वैवाहिक स्थिति क्या है? SINGLE CODING ONLY	Cuurently Married (living with wife) विवाहित है (पत्नि के साथ रहते हैं)	1	
		Never Married अविवाहित	2	
		Divorced/Seperated/Desrted/ Widower तलाकशुदा / अलग रहते है / विधुर	3	
		No Answer कोई जवाब नहीं	9	
Section C: Mobility				
C1	which are the two main cities that you transport goods between? (Only record one route on which the driver usually ply) आप कौन से 2 मुख्य शहरों में सामान को लाते और ले जाते हैं? (केवल एक रूट लिखें जिस पर ड्राइवर अक्सर चलता है) ORIGIN POINT REFERS OF THE CITY WHERE HE MOSTLY STARTS. THEN ASK THE USUAL DESTINATION POINT TWO CITITES MENTIONED SHOULD BE CONSIDERED AS “MAIN ROUTE” FOR LATER QUESTIONS ओरिजिन प्वाइंट से मेरा मतलब है वो जगह जहाँ से वो अधिकतर यात्रा शुरू करते हैं। फिर उसके बाद उस जगह के बारे में पूछें जहाँ पर आमतौर से जाते हैं। बताये गये दोनों शहरों को बाद के प्रश्नों के लिए मेन रूट माने।	Origin (1)	Destination (2)	
		City _____ State _____	City _____ State _____	

145-146

147

148

149

150-159

C2	Record the Route Category on the basis of question 401. प्रश्न 401 के आधार पर रूट कैटेगरी लिखें REFER TO THE MAP GIVEN AND RECORD THE DIRECTION. ORIGIN SHOULD BE TAKEN AS THE STARTING POINT AND DESTINATION THE END POINT WHILE REFEREING TO THE MAP दिये गये नक्शे की सहायता ले और दिशा लिखें। नक्शे की सहायता लेने के दौरान जहाँ यात्रा शुरू की है उस जगह को स्टार्टिंग प्वाइंट माने और जहाँ पर यात्रा खत्म करता है उसे डेस्टीनेशन प्वाइंट माने	South to North दक्षिण से उत्तर	1	160	
		North to West उत्तर से पश्चिम	2		
		West to South पश्चिम से दक्षिण	3		
		West to East पश्चिम से पूरब	4		
		South to East दक्षिण से पूरब	5		
		North to South उत्तर से दक्षिण	6		
C3	On average how many days does it take for you to complete a round trip between these two cities? इन दो शहरों के बीच एक राउण्ड ट्रिप पूरी करने में आपको औसतन कितने दिनों का समय लगता है? Instruction: ROUND TRIP includes not only the time spent on travel between 2 cities but also the waiting time at destination. निर्देश : राण्डड ट्रिप में केवल दोनों शहरों के बीच की यात्रा के समय को ही शामिल न करें बल्कि उस समय को भी शामिल करें जितने समय तक आपको इंतजार करना पड़ा था।	No of Days <div><div></div><div></div></div>			161-162
C4	Can you tell me the distance covered during your last one way trip? कृपया बताएं कि पिछले बार की एक ओर की ट्रिप के दौरान आपने कितनी दूरी तय की थी? Terminate if distance < 800 Kms यदि दूरी 800 किलोमीटर से कम है तो इन्टरव्यू समाप्त कर दें।	<div><div></div><div></div><div></div><div></div></div> Kms			163-166
Section D: Condom Usage & Sexual Behaviour काण्डोम का इस्तेमाल और सेक्स संबंधी व्यवहार					
D1	a) Can you tell me the commercial sex worker hubs that you are aware of within / nearest to this TSL? कृपया मुझे इस ट्रान्स-शिपमेन्ट की जगह(TSL) के अंदर/सबसे नजदीकी व्यावसायिक सेक्स वर्कर्स का केन्द्र बताएं जिसके बारे में आप जानते हैं? SINGLE CODING ONLY केवल एक कोड	Less than 0.5 km 0.5 किलोमीटर से कम	1		167
		0.5 – 1 km 0.5 – 1 किलोमीटर	2		
		1-2 km 1-2 किलोमीटर	3		
		More than 2 kms 2 किलोमीटर से ज्यादा	4		
		Don't Know/Not aware नहीं जानते/मालूम नहीं है	5	→ D2	
		b) Only record if coded 1-4 in D1 (a) Record the Names/Landmark of the places जगहों के नाम/लैण्डमार्क लिखें	1. _____ 2. _____ 3. _____		
D2	a) Are you aware of any commercial sex worker hubs in this route (Refer to Q C1 for Origin to destination & back to Origin) क्या आप इस रूट (ओरिजिन से डेस्टीनेशन और वापस ओरिजन तक के लिए Q C1 की सहायता लें) के किसी व्यावसायिक सेक्स वर्कर्स के केन्द्र के बारे में जानते हैं	Yes हाँ	1		177
		No नहीं	2	→ D3	
	b) Only record if coded 1 in D2 (a) Record the Names/Landmark of the places जगहों के नाम/लैण्डमार्क लिखें	1. _____ 2. _____ 3. _____			178-186

D3	In case you need to procure a condom, from where or from whom will you procure it? किसी केस में यदि आपको कॉण्डोम लेने की जरूरत पड़े तो आप इसे कहाँ से या किससे लेंगे? <i>Multiple coding possible</i>	Medical shops/Chemist मेडिकल शॉप/कैमिस्ट	01	
		General Shops जनरल शॉप	02	
		Grocery Shops किराने की दुकान	03	
		Pan Shops पान की दुकान	05	
		Dhabas ढाबा	06	
		Petrol pumps पेट्रोल पंप	07	
		Vending Machines वेंडिंग मशीन	08	
		NGO present within/near to TSL TSL के अंतर्गत/आस-पास उपस्थित एन जी ओ	09	
		FSW/Madams महिला सेक्स वर्कर/वेश्या	10	
		Government Hospitals सरकारी अस्पताल	11	
		None of these इनमें से कोई नहीं	12	
Others, specify _____ अन्य कृपया बताएं				
D4	Have you had sexual intercourse in last 3 months? क्या पिछले 3 महीनों में आपने संभोग किया है? <i>Single coding</i>	Yes हाँ	1	
		No नहीं	2	→ E1
		No Answer जवाब नहीं दिया	8	→ E1
		Don't Know नहीं	9	→ E1
D5	Think about partners you have had sex in last 3 months पिछले 3 महीनों में आपने जिनसे संभोग/सेक्स किया, उनके बारे में बतायें। <i>Multiple coding</i>	Regular Partner (Wife) नियमित साथी (पत्नि)	1	
		Commercial Partner (Sex in exchange for money) व्यावसायिक पार्टनर (पैसे के बदले में सेक्स)	2	
		Non commercial Partner (Sexual Paertners you are not married to and did not pay, such as fiancée, girlfriends, mistress) ऐसा पार्टनर जो व्यावसायिक नहीं है (ऐसे सेक्स पार्टनर जिनसे आपने विवाह नहीं किया है और ना ही उसके लिए भुगतान करते हैं जैसे मंगेतर, गर्लफ्रेंड, मिस्ट्रेस)	3	
D6	How frequently you used condom when you had sex in last 3 months? पिछले 3 महीनों में आपने जब भी संभोग/सेक्स किया तो कब-कब कॉन्डोम इस्तेमाल किया था?	Always हमेशा	1	
		Sometimes कभी-कभी	2	
		Never कभी नहीं	3	

211-222

223

224-226

227

Section E: Exposure to Intervention					
E1	Have you ever attended or participated in any of these activities? क्या आपने कभी इनमें से किसी गतिविधियों में गये हैं या हिस्सा लिया है? <i>Multiple responses possible</i>	NGOs Providing Medical Services चिकित्सकीय सेवाएं प्रदान करने वाले एन जी ओ	01		
		Free Health Check up Camps मुफ्त स्वास्थ्य परीक्षण कैम्प	02		
		trucker utsav/melas ट्रकर उत्सव/मेला	03		
		Distribution of Condoms कोंडोम का वितरण	04		
		counseling services regarding health issues स्वास्थ्य संबंधी मुद्दों पर सलाह देने की सेवाएं	05		
		Group Discussions on health issues स्वास्थ्य संबंधी मुद्दों पर सामूहिक परिचर्चा	06		
		Steet Plays/ Nukkad natak on health issues स्वास्थ्य संबंधी मुद्दों पर सड़क पर नाटक/नुक्कड़ नाटक	07		
		Health Game Kiosk/Health Exhibitions हेल्थ गेम किऑस्क/स्वास्थ्य प्रदर्शनी	08		
		Film Shows on health issues स्वास्थ्य संबंधी मुद्दों पर फिल्म शो	09		
		None इनमें से कोई नहीं	10		
		Others, specify_____			
अन्य कृपया बताएं					
E2	Have you heard of any NGOs / programmes providing HIV education / prevention services? क्या आपने किसी एन जी ओ/कार्यक्रम के बारे में सुना है जो एच आई वी के बारे में शिक्षा/रोकथाम की सेवाओं के बारे में शिक्षा प्रदान करता है	Yes हाँ	1		
		No नहीं	2	→ End	
		Never Heard of HIV/STI HIV/STI के बारे में कभी नहीं सुना	3	→ End	
		SINGLE CODING ONLY No Answer कोई जवाब नहीं	9	→ End	
E3	(A) Can you name few NGO's / programmes क्या आप कुछ एन जी ओ/कार्यक्रमों के नाम बता सकते हैं? (B) Can you tell which place/city this NGO is in? कृपया बताएं कि ये एन जी ओ किस जगह/शहर में है?	Name (A) नाम	City (B) शहर		
		1.			
		2.			
		3.			
		4.			
		Don't Know / Can't Say नहीं जानते/कह नहीं सकते		98	

228-239

240

241-265

THANKS AND TERMINATE
धन्यवाद दें और इन्टरव्यू समाप्त करें।

SRI-IMRB/Project - Milestone/90406

Trucker Information Sheet

Trucker Information Sheet																						
Name of the Interviewer :													Name & code of TSL :								111-112	
Name of the supervisor :													State Name & Code. :									
Date :													Sheet No. :									
Start Time (24 Hours Format): _____:													End Time (24 Hour Format) : _____:									
S. No	Regn. No	(A) Origin of the last trip (Write the code of the state)		(B) Destination of the last trip (Write the code of the state)		(C) Distance covered during last one-way trip		(E) Stay at this TSL during this visit					(G) Avg No. of trips per month		(H) Average No. of days traveled per round trip		(I) Total days traveled in a month		(J) Are you coming/going to the nearest Port (Only for Port TSLs) Yes = 1 No = 2			
						1. Below 800 Km 2. 800 Km & above	< 12 hrs	12-24 hrs	1-2 days	3-5 days	> 5 days											
						12	1	2	3	4	5							1	2	113-125		
						12	1	2	3	4	5							1	2	126-138		
						12	1	2	3	4	5							1	2	139-151		
						12	1	2	3	4	5							1	2	152-164		
						12	1	2	3	4	5							1	2	165-177		
						12	1	2	3	4	5							1	2	178-190		
						12	1	2	3	4	5							1	2	211-223		
						12	1	2	3	4	5							1	2	224-236		
						12	1	2	3	4	5							1	2	237-249		
						12	1	2	3	4	5							1	2	250-262		
						12	1	2	3	4	5							1	2	263-275		
						12	1	2	3	4	5							1	2	276-288		
						12	1	2	3	4	5							1	2	311-323		
						12	1	2	3	4	5							1	2	324-336		
						12	1	2	3	4	5							1	2	337-349		
						12	1	2	3	4	5							1	2	350-362		
						12	1	2	3	4	5							1	2	363-364		
						12	1	2	3	4	5							1	2	376-388		
						12	1	2	3	4	5							1	2	411-423		