

Environmental and Social Screening Report

September: 2020

Project ID: P154990

CONSTRUCTION OF MISSING LINKS STORM WATER DRAINAGE
OF ZONE-2 IN SRINAGAR CITY- JAMMU & KASHMIR

Jhelum Tawi Flood Recovery- World Bank Supported Project

Prepared by: PIU (JK ERA) Govt. of Jammu and Kashmir for World Bank

EXECUTIVE SUMMARY

Catastrophic deluge of September 2014 shows negative impact on socio-economic aspects of the State and massive infrastructure damages in which capital city Srinagar was most affected and a trail of siltation in most of the water bodies as environmental degradation which is always synonymous with major floods. In connection to catastrophic flood, a mission of the World Bank visited the State during February 1-6, 2015 on request of Government of India to review and assess the damages in order to produce a rapid multi-sectoral assessment report of the damages and needs. The RDNA estimates the total damages and loss caused by floods at about INR 211,975 million (US\$ 3,550.45), most of it to housing, livelihoods, and roads and bridges, which combined represented more than 70% of the damages in terms of value.

Under the component 3, one of the sub-projects identified is "Construction of Storm Water Drainage in areas lacking drainage network in Zone 2 areas in Srinagar City". These areas frequently get affected with incessant rains/ precipitation which results into inundation and submergence. 6 areas namely Palpora, Shaheen Colony, Ganai Mohala, Gojwara, Noorbagh, Aali Masjid identified in Zone 2 on right bank of river Jhelum which lacks drainage system and are proposed to be included under component 3. The project objective is to connect uncovers area as missing links to a suitable point of the existing pipe drain/ CC drain leading to respective dewatering pumping stations of the areas on project components.

Sub-projects under "Jhelum and Tawi Flood Recovery Project" commonly known as JTFRP have a prior requirement of screening which is based on three categories; viz., nature of the project, size of the project and location of the project that is sensitive area criteria. The objective of Environment and social screening is to identify the potentially significant environmental/ social issues of the sub-project at an early stage for detailed Environmental and Social impacts.

The proposed subproject has a total length of 20.00 kms of SWD drainage network and the total area covered by the missing links is 97.16 hectares. The drainage pipes to be laid in center alignment of the existing main road, link roads and lanes and enough RoW are available to accommodate the SWD pipes. The "Construction of Missing Links Storm Water Drainage Scheme of Zone 2 in Srinagar City" also include construction of 2 Intermediate Pumping Stations (IPS) one at Sempora and another at Palpora for which 2100.00 m² of land required. The land as per revenue record attached is open/vacant & Govt. land. The proposed sites for construction of two Intermediate pumping stations (IPS) is free from any encroachment. There is no construction over it and as such there is no relocation/dislocation of structures or other assets.

The screening study reveals that there are no significant social impacts of the proposed sub-project as the land required for construction of intermediate pumping stations (IPS) at Sempora and Palpora is government land and laying of pipe is proposed to be done in the middle of the existing road.

1. Introduction

1.1 Project Background

In September 2014, Jammu & Kashmir experienced torrential monsoon rains in the region causing major flooding and landslides. The continuous spell of rains from September 2-6, 2014, caused Jhelum and Chenab Rivers as well as many other streams/tributaries to flow above the danger mark. The Jhelum River also breached its banks flooding many low-lying areas in Kashmir, including the capital. In many districts, the rainfall exceeded the normal by over 600%. The Indian Meteorological Department (IMD) records precipitation above 244.4 mm as extremely heavy rainfall, and J&K received 558mm of rain in the June- September period, as against the normal 477.4 mm. For example, the district of Qazigund recorded over 550 mm of rainfall in 6 days as against a historic normal of 6.2 mm over the same period.

Due to the unprecedented heavy rainfall the catchment areas particularly the low lying areas were flooded for more than two weeks. Some areas in urban Srinagar stayed flooded for 28 days. Water levels were as high as 27 feet in many parts of Srinagar. The areas from the main tributaries of river Jhelum vis-à-vis Brengi nallah, Vishav nallah, Lider nallah and Sandran nallah started overflowing due to the heavy rainfall causing water levels in Jhelum river to rise.

Based on the Rapid Damage Needs Assessment (RDNA) results, restoration works underway, and discussions with the GoJ&K, the project will focus on restoring critical infrastructure using international best practice on resilient infrastructure. Given the state's vulnerability to both floods and earthquakes, the infrastructure will be designed with upgraded resilient features, and will include contingency planning for future disaster events. Therefore, the project aims at both restoring essential services disrupted by the floods and improving the design standard and practices in the state to increase resilience.

1.2 Project Development Objective

The Project Development Objective (PDO) is to support the recovery and increase disaster resilience in targeted areas of the State, and increase the capacity of the State entities to respond promptly and effectively to an eligible crisis or emergency.

The project is comprised of the following seven components:

1. Reconstruction and strengthening of critical infrastructure
2. Reconstruction of roads and bridges
- 3. Restoration of urban flood management infrastructure**
4. Strengthening and restoration of livelihoods
5. Strengthening disaster risk management capacity
6. Contingent Emergency Response
7. Implementation Support

1.3 Subproject Background

The objective of this component "Restoration of urban flood management infrastructure" of the Jhelum and Tawi Flood Recovery Project is to strengthen and reinforce existing weak and vulnerable flood control infrastructure. Investments will primarily include rehabilitation/renovation of storm

water pumping stations in Srinagar city, and replacement of the power equipment, switch/ panel boards at elevated places, and related investments for improvement and increased resilience.

Under component 03, one of the subproject identified is the “Construction of Missing Links Storm Water Drainage Scheme of Zone 2 in Srinagar”. The subproject area is located on the right bank side of the River Jhelum in Srinagar city.

These areas lack important drainage system resulting into frequent waterlogging/ submergence of areas.

1.4 Sub-project Description

The Srinagar city lies 34° 0' - 34° 14' N (Latitude) and 74° 43' - 74° 52' E (Longitude) with an altitude of 1585 m (5200 ft) above mean sea level (msl). The city has a unique physiographic setup with steep hills in the East and North East, low lying paddy fields falling in the flood plain of Jhelum in the South and West, the Karewas of Budgam in the extreme South and towards the North we encounter the uplands with moderate slopes. The famous Dal Lake is situated in the heart of the city. The city of Srinagar experiences a temperate type of climate. The city receives most of the precipitation in winter season in the form of snow and rain with an annual average rainfall of >710mm.

The proposed subproject “Construction of Missing Links Storm Water Drainage Scheme” is located in Zone 2 of Srinagar City” at Sempora near Athwajan and at Palpora. The area lacks important drainage system resulting into frequent waterlogging/ submergence of these areas. Snapshots taken during the E&SSR preparation are provided as Appendix-2 & 3.

1.5 Scope of work

Based on the requirement, it is found that there are areas/lanes where there is non-availability of drainage facility, therefore such areas are proposed to be provided as missing links for storm water drains that shall be connected to nearby existing drainage systems. The proposed Zone 2 storm water drainage networks (Missing Links) are located on right bank side of River Jhelum in Srinagar.

Fig-2: Index Map of the Proposed Storm Water Drainage Scheme (Missing Links) of Shaheen Colony in Zone 2

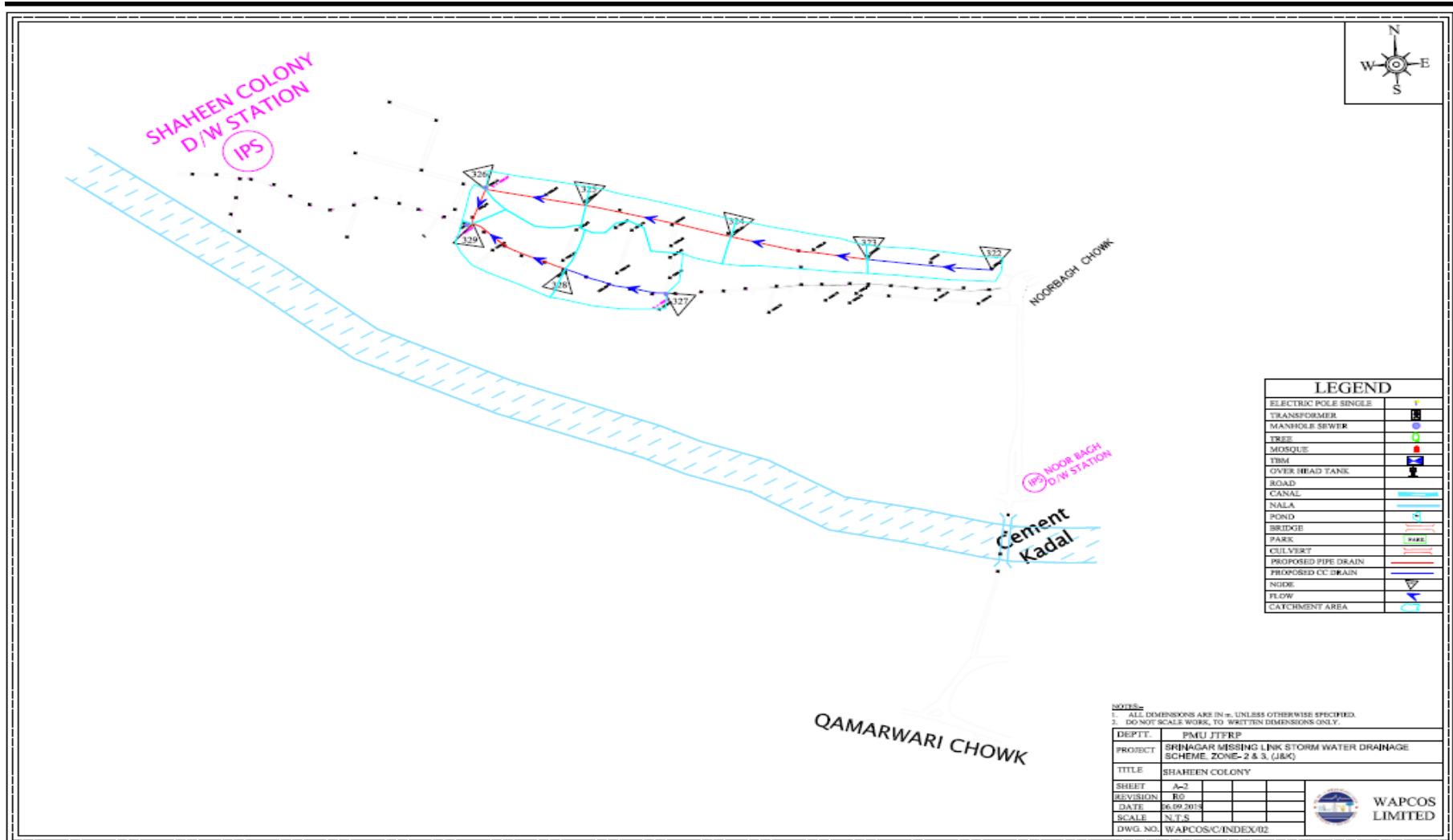


Fig 3: Index map of Storm Water Drainage (Missing Links) Noorbagh in Zone 2.

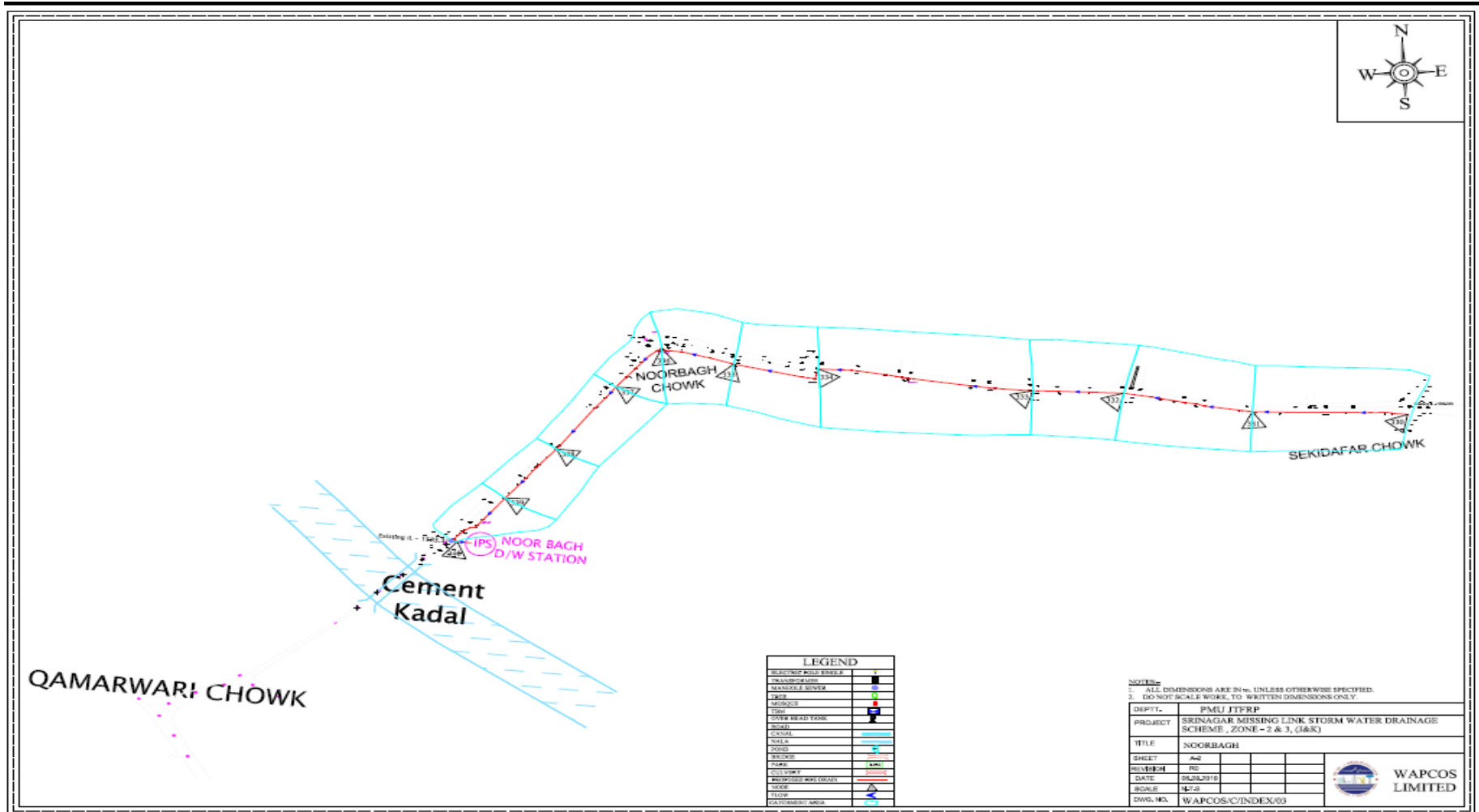


Fig 4: Index map Storm Water Drainage Aali Masjid areas in Zone 2.

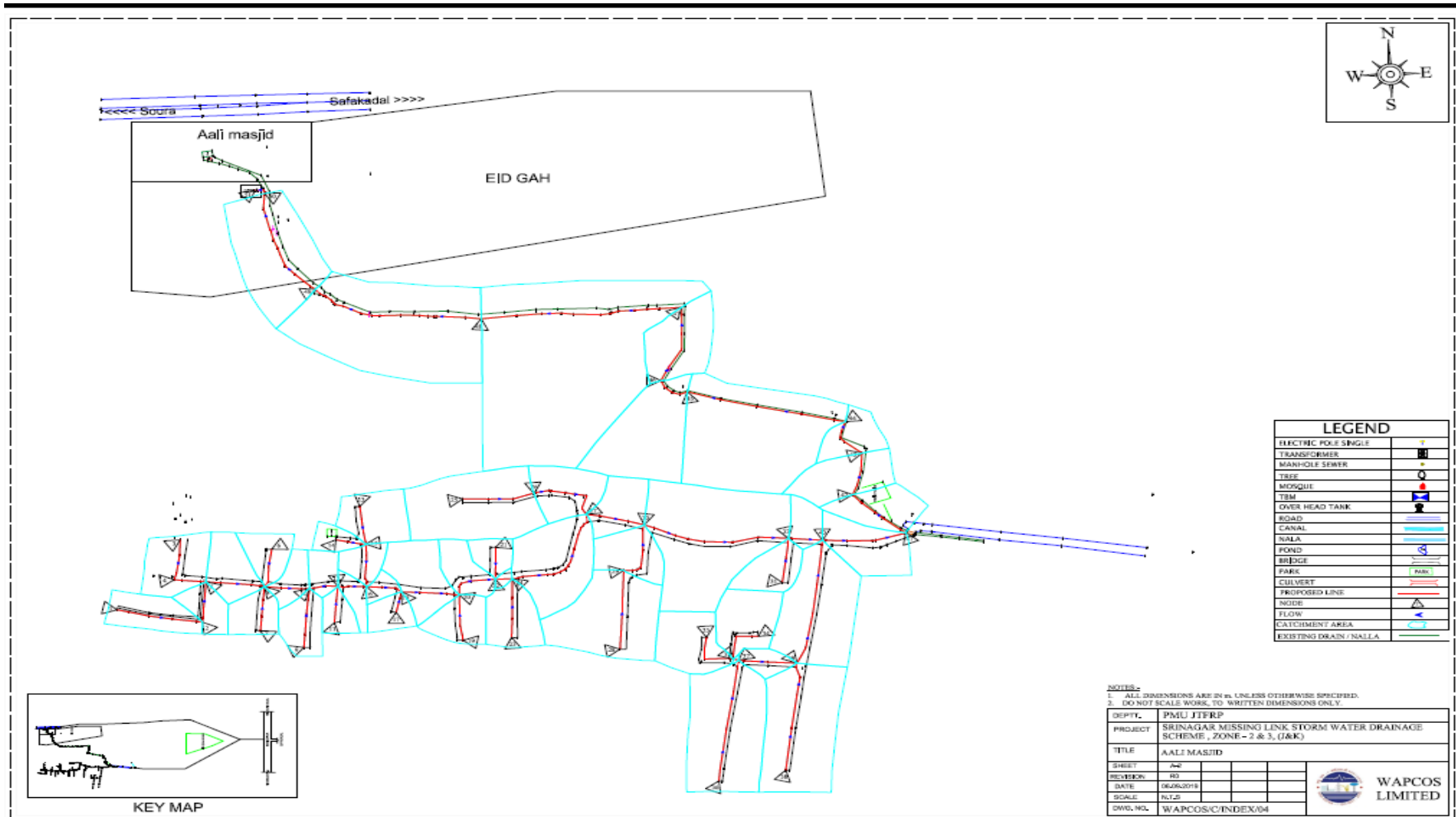


Fig 5: Index Maps of Storm Water Drainage of Gojwara Area in Zone 2

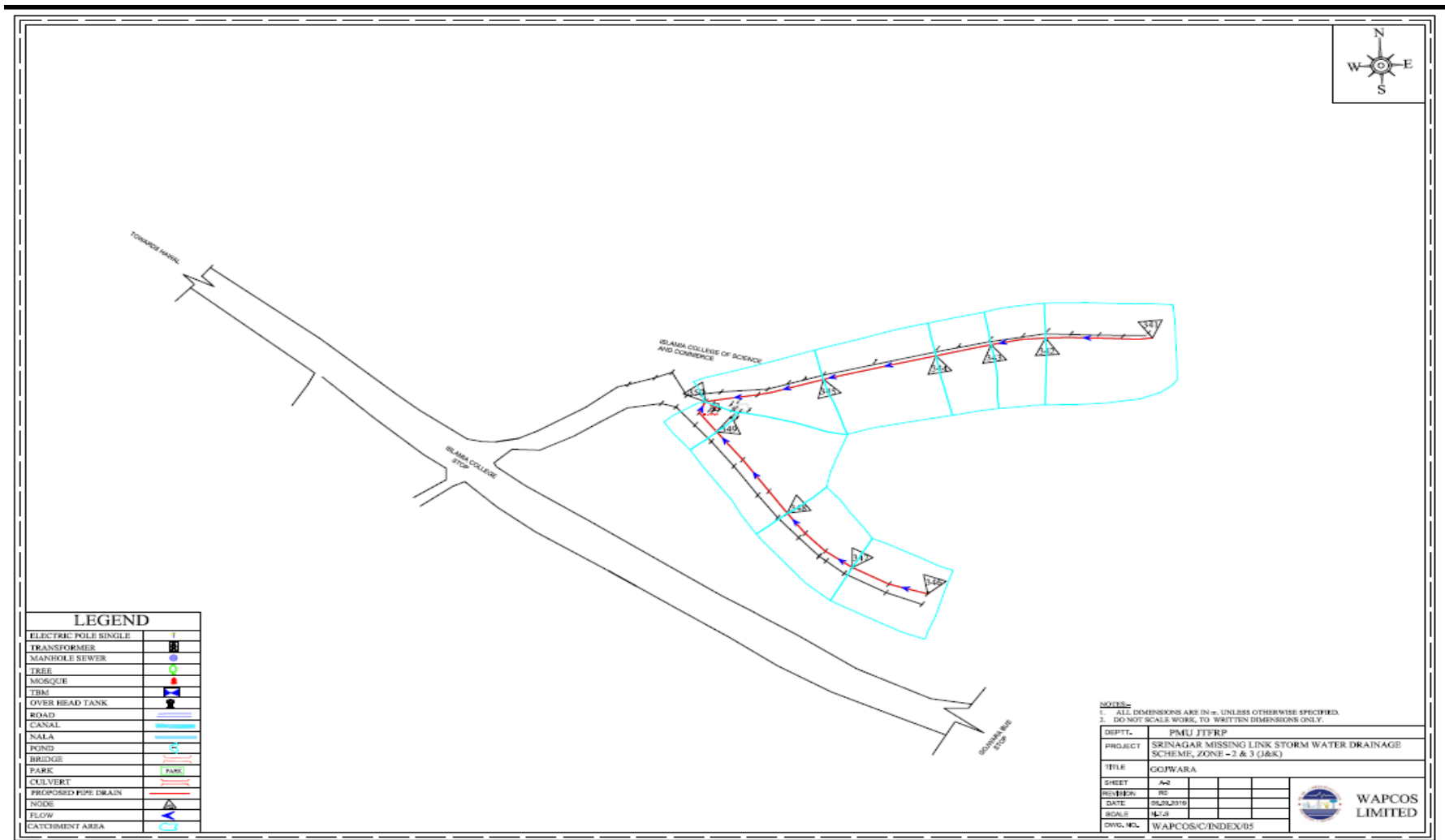
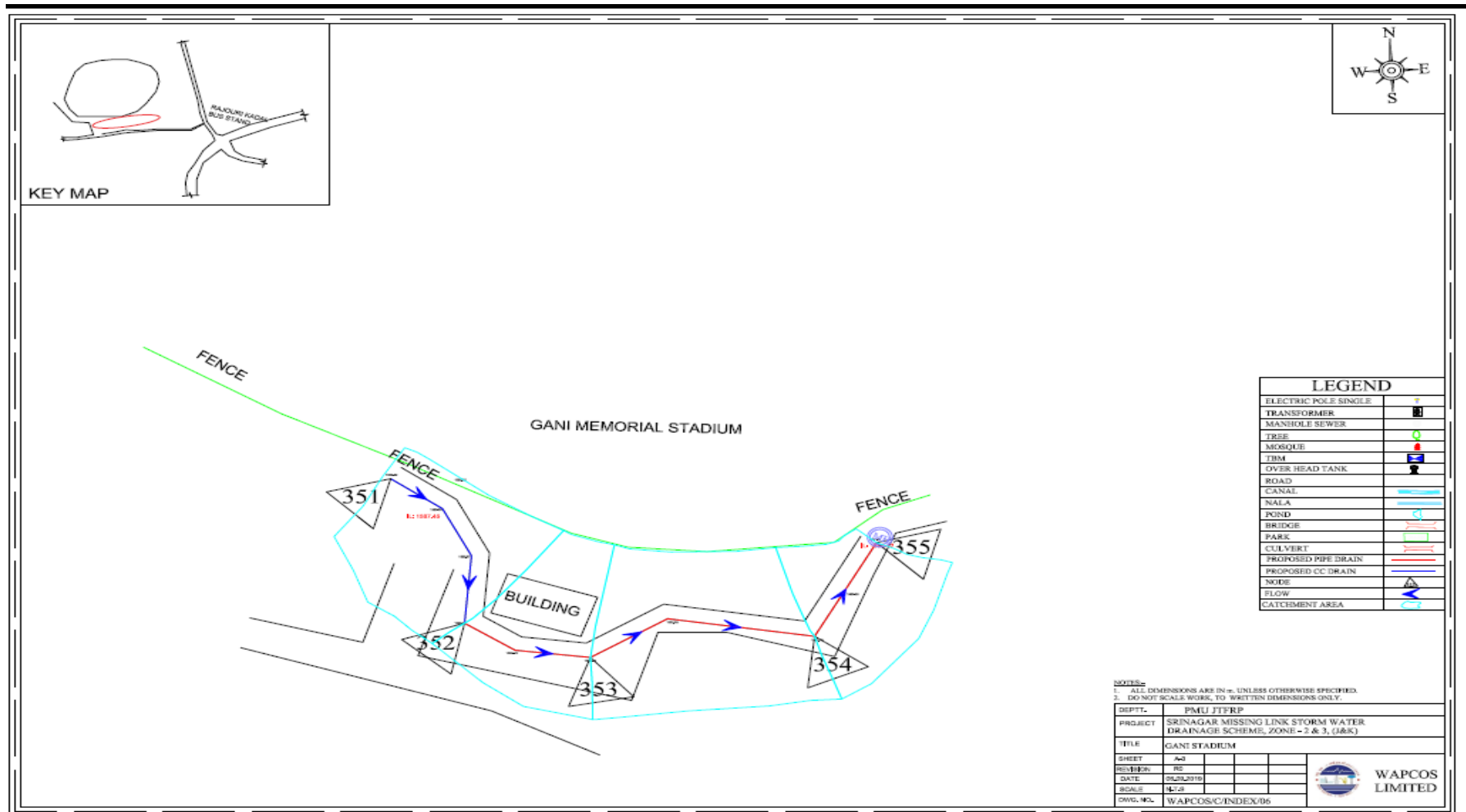


Figure 6: Index Map of Storm Water Drainage (Missing Links) of Ganai Mohalla in Zone 2.



1.6 Objective of the Environmental and Social Screening

Subprojects under “Jhelum and Tawi Flood Recovery Project” commonly known as JTFRP have a prior requirement of environmental and social screening as per World Bank obligation which is based on three categories; viz., nature of the project, size of the project and location of the project that is sensitive area criteria. Based on this assessment, sub-projects with potentially significant environmental/ social issues are identified at an early stage for detailed Environmental/ Social impacts. Environmental and social aspects were evaluated as per ESDS and assessed, based on the level of expected environmental and social impacts.

Based on the present study, the subproject “*Construction of the Storm Water Drainage Scheme (Missing Links) of Zone 2 in Srinagar City*” requires Environmental Assessment study.

1.7 Methodology adopted for the Screening Study

Approach adopted for this screening study is mainly based on the approved Environment and Social Management Framework (ESMF) which is developed by the World Bank for the project Jhelum Tawi Flood Recovery Project (JTFRP) as a guiding principle for the preparation of Environmental and Social reports. The initial stage adopted for the screening, was identification of environmental and social issues as a preliminary stage, the environmental and social issues were identified through filling in an Environmental and Social Data Sheet (ESDS) annexed as *Appendix-I*.

The basic objective of the filling in this data sheet is to collect basic information on environmental and social aspects of the proposed sub-project. Basic information was collected through field visits, examination of primary/ secondary data of the subproject area and through transect walk and public consultation- which involves participatory process as adopted for this screening study of proposed Missing Links Storm Water Drainage scheme of Zone 2 in Srinagar. Further, in accordance to ESMF requirement, environmental and social data pertaining to the proposed sub-project was compiled during the field data collection stage.

2. Environment Impacts

2.1. Environmental Features

Srinagar city is located on a flatter terrain. The drainage system of the city relies on lift system through drainage pumping stations, which lift surface water from wet well and discharge into the adjoining water bodies. Majority of the drains are covered with RCC slabs with manholes provided at suitable intervals to facilitate maintenance of the drainage system. The city has presently about eighty drainage pumping stations. As per surface water drainage master plan, Srinagar city is divided into three drainage zones. The proposed subproject “*Construction of Missing Links Storm Water Drainage Scheme*” comes under Zone-2 drainage scheme in Srinagar.

Srinagar city is conferred upon by nature with so many water bodies including world famous Dal Lake which is situated in the middle of the city. ¹River Jhelum having more than 140 tributaries are associated with River Jhelum flows through the city and dividing it into two parts (left & right bank). The proposed drainage scheme is located on the left bank of River Jhelum.

¹ River Jhelum is having more than 140 major/ minor tributaries and these tributaries play important role in flow regime of the Jhelum system.

3. Social Issues

3.1. Issue of Land Acquisition

The proposed sub-project involves construction of storm water drainage network in missing links of Zone 2 and construction of two Intermediate Dewatering Pumping Stations at Sempora and Palpora. The revenue record revealed that the land identified for the proposed activity is Govt. land and is free from encumbrances. The land identified for IPS at Palpora is under Khasra number 428 and 428/1 and is State land.

Whereas the land identified for Sempora pumping Intermediate pumping station is under Khasra number 341/1780 and 837/1190 and revenue record revealed that the land is government land. There is no encroachment of any kind over the identified land parcels and land at both IPS stations is vacant/open. The laying of drainage pipes will be in the middle of the existing roads. Since the pipeline line is being proposed in the center of the existing roads, the screening exercise envisaged only temporary disruptions to commuters and others.

The construction of two pumping stations involves 2100 m² of land (904 m² at Sempora IPS and 1196 m² at Palpora IPS) which is government land and for mitigating temporary disruptions, if any during execution robust SMP will be implemented. Revenue documents related to the proposed dewatering pumping stations in Urdu and translation in English is provided as Appendix-7, 8, 9 and 10.

Therefore, it can be said that there are no significant social impacts and no further study or detailed/social impact assessment needs to be undertaken.

3.2. Issue of Livelihood

As per the screening study, sub-project do not have any significant social impacts and thus no further detailed study or social impact assessment needs to be undertaken for this sub-project. There is no impact on the livelihood as subproject is mainly located within the residential colonies and the pipes will be laid in the middle of the road. Since the pipeline line is being proposed in the center of the existing roads, the screening exercise envisaged only temporary disruptions to commuters and others.

3.3. Mitigation measures

Though there will not be any temporary or permanent impact on land, structures, CPR, livelihood etc. but to mitigate the potential temporary disruptions etc, the following mitigation measures mentioned in DPR will be followed during construction.

- Works shall not be carried out simultaneously over large areas of the site but shall be sequenced so that all operations likely to cause disruption to public traffic shall be undertaken and completed in discrete area before commencement of operations in other areas.
- The Contractor's Program shall, in so far as it is practicable to do so, take into consideration the commercial interest of individual shopkeepers e.g. operations should not be sequenced so as to disrupt access to individual shops having only one access from the road.

- Excavated material will be dumped on one side of the trench/drain made for lying pipeline so that on the other side commuters can move. Restoration of the excavated portion of the road will be done on same day or within 24 hrs. proper signages like lane close or diversion signs will be displayed.
- Community / local residents will be pre informed before civil work starts on any stretch. The contractor/PIU will ensure to convey proper message to the residents for temporary arrangements to park their vehicles etc during the excavation.

3.4. Public Consultation

Public consultation was conducted in accordance with the World Bank Guidelines and ESMF of JTFRP, which is the pre-requisite for the screening process. The purpose and objective of this consultation is the involvement of residents/ stakeholders and to make them aware about the proposed activity. The decision/proposal of construction of Storm Water Drainage (Missing Links) scheme is essentially required in areas not covered earlier is well considered as people are frequently facing waterlogging issues.

Public consultation was conducted on 8th November 2019 for the areas in proposed scheme (Appendix 6). Community heads of the locality were consulted and also locals were consulted in the residential houses involving both genders for the successful consultation meetings. The local residents of the proposed subproject areas were consulted based on the procedural guidelines of reaching public required for the preliminary baseline characteristics of environmental and social screening. Snapshots captured during the public consultation are provided as Appendix-5 and attendance sheet is also attached as Appendix-6.

3.5. Issues discussed/information shared

- People were briefed about the proposed subproject of Storm Water Drainage scheme (Missing Links) of Zone 2 and the benefits of the subproject.
- Environmental/ social/ health enhancement and about project and its source of assistance, implementation/execution etc.
- Concept of Environment and Social Screening requirements thereof.
- Temporary access disruption during execution stage, if any.
- Protection and conservation aspects of environmental attributes.
- Mechanism and operation of grievance redressal system in case of any public complaints during project execution.

3.6. Outcome and suggestions received from the Public Consultation

The response received from the local residents was very appreciable as the people coordinated with the survey team and in house meeting was arranged in Gulshan Nagar Nowgam. People were informed about the proposed SWD scheme in areas not covered earlier. Purpose of present study "Environmental and Social Screening" was also discussed and following general suggestions were recorded as summarized below;

1. With the augmentation of the proposed storm water drainage in the Zone-2 areas people will have access to better sanitation and living condition. The problem of water logging in these areas will be addressed.
2. Public safety measures should be in place during execution of works.

3. The residents ensured full cooperation and support for the successful execution of the sub-project. They have also ensured to provide the responsible people who will liaison/ coordinate with the implementing agency and the contractor for community related issues.
4. Temporary access routes/ ramps/ bridges may be provided during excavation activity if required.
5. Local residents who are related to the construction industry shall be given preference for the proposed works.
6. The locals were informed about the availability of complaint/suggestion register at site for any complaints & suggestions & were informed that contractor will construct fencing walls etc., in original shape if damaged during excavation.

Appendix-1: Environment and Social Screening Data Sheets

Part A: General Information

1. Name of the sub-project	Construction of Missing Links Storm Water Drainage Scheme of Zone-2 in Srinagar, J&K	
2. Type of proposed activity (tick the applicable option and provide details)		
• Road		-
• Bridge		-
• Fire Station		-
• Hospital/Health Facility		-
• Educational Institute		-
• Building for Livelihoods		-
• Flood Infrastructure Related	<input checked="" type="checkbox"/>	Storm Water Drainage
• Other Public Building		-
• Any Other (Please Specify)		-
3. Location of the proposed sub-project		
• Name of the Region	Kashmir (J&K State)	
• Name of the District	Srinagar	
• Name of the Block	Srinagar	
• Name of the Settlement	Sempora, Palpora, Shaheen Colony, Ganai Mohalla, Noorbagh, Aali Masjid Area, Gojwara etc.	
• Latitude	-	
• Longitude	-	
4a. Proposed Nature of Work (tick the applicable options)		
• Minor Repairs	-	
• Major Repairs/Rehabilitation	-	
• Upgrading/Major Improvement	-	
• Expansion of the facility	-	
• New Construction	<input checked="" type="checkbox"/> Storm Water Drainage	
• Any Other	-	
4b. Size of the sub project (approx. area in sq. mt/hac or length in mtr./km, as relevant)	Total Length of Drainage Network: 20.00 Kms	

5. Land Requirement (in hac./sq.mt.)	
• Total Requirement	2100 m ²
• Private Land	Nil
• Govt. Land	√
• Forest Land	Nil
6. Implementing Agency Details (sub-project level)	
• Name of the Department/ Agency	Jhelum Tawi Flood Recovery Project (PMU)
• Name of the contact person	Gh Jeelani Lone
• Designation	Deputy Project Manager
• Contact Number	+91-9797603309
• E-mail Id	pmukashmir@gmail.com
7. Screening Exercise Details	
• Date on which it was carried out	22/09/2019
• Name of the Person	Akhter R. Bhat
• Contact Number	+91-9419552221; 7006543364
• E-mail Id	akhter_b@hotmail.com ; akhter.bhat3@gmail.com .

Part B (1): Environment Screening

Question	Yes	No	Details
1. Is the sub-project located in whole or part within 1 km of the following environmentally sensitive areas?			
a. Biosphere Reserve		No	-
b. National Park		No	-
c. Wildlife/Bird Sanctuary		No	-
d. Wildlife/Bird Reserve		No	-
e. Important Bird Areas (IBAs)		No	-
f. Habitat of migratory birds (outside protected areas)		No	-
g. Breeding/Foraging/Migratory route of Wild Animals (outside protected areas)		No	-
h. Area with threatened/rare/		No	-

endangered flora (outside protected areas)			
i. Reserved/Protected Forest		No	-
j. Other category of Forest		No	-
k. Wetland		No	
l. Natural Lakes		No	
m. Rivers/Streams	Yes		River Jhelum is within 1km of the proposed site.
n. Swamps/Mudflats		No	-
o. Zoological Park		No	-
p. Botanical Garden		No	
2. Is the sub-project located in whole or part within 500 mts. of any of the following sensitive features?			
a. World Heritage Sites		No	-
b. Archaeological monuments/ sites (under ASI's central/state list)		No	-
c. Historic Places/Monuments/ Buildings/Other Assets (not listed under ASI list but considered locally important or carry a sentimental value)		No	
d. Religious Places (regionally or locally important)		No	
e. Reservoirs/Dams		No	-
f. Canals	Yes		
g. Public Water Supply Areas from Rivers/Surface Water Bodies/ Ground Water Sources		No	-
3. What is the High Flood Level in the sub-project area?			
4. Is any scheduled/protected tree like Chinar, Mulberry or Deodar likely to be affected/ cut due to the project?		No	
5. Is the sub-project located in a landslide/heavy erosion prone area or affected by such a		No	

problem?			
6. Is sub-project located in an area that faces water paucity or water quality issues?		No	

Part B (2): Result/Outcome of Environmental Screening Exercise

1.	Environment Impact Assessment Required	No
2.	Environment Clearance Required	No
3.	Forest land Clearance/Diversion Required	No
4.	Tree Cutting Permission Required	No
5.	ASI (Centre/State) Permission Required	No
6.	Permission from ULB/Local Body/Department Required	Yes
		Permission for Construction of Storm Water Drainage will be required from Srinagar Municipal Corporation (SMC).
7.	Any other clearance/permission required	<p>Yes</p> <p>For construction/ operation of the site and procurement of aggregate material from crusher units/ quarry sites/ borrow areas/ construction vehicles involved following consents/ permission are required;</p> <ul style="list-style-type: none"> ▪ Consent to Establish (CTE) and Consent to Operate (CTO) from SPCB for the crusher units. ▪ Consent to establish/ operate Pumping station / DG Sets from the SPCB. ▪ PUC's and other fitness certificates of equipment's etc. are required on site. ▪ Construction material will be procured only from permitted sites and licensed /authorized quarries/ borrow sites approved by the Geology & Mining Department for which contractor have to produce royalty receipts.

Part C (1): Social Screening

1. Does the sub-project activity require acquisition of land?			
Yes	-	No	√
Give the following details:	Private Land (sq mts/hac.)		-
	Govt. Land (sq mts/hac.)		-
	Forest Land (sq mts/hac.)		-
2. Does the proposed sub-project activity result in demolition/removal of existing structures?			
Yes		No	√
If so, give the following details:			
• Number of public structures/buildings		-	
• Number of common property resources (such as religious/cultural/ drinking water/wells/etc.)		-	
• Number of private structures (located on private or public land)		-	
3. Does the proposed project activity result in loss of crops/trees?			
Yes		No	√
4. Does the proposed Project activity result in loss of direct livelihood/ employment?			
Yes		No	√
5. Does the proposed activity result in loss of community forest/pastures on which nearby residents/local population are dependent?			
Yes		No	√
If yes, give the details of the extent of area to be lost (in acres/hac).		-	
6. Does the proposed Project activity affect scheduled tribe/caste communities?			
Yes		No	√

Part C (2): Result/Outcome of Social Screening Exercise

S. No.	Result/Outcome	Outcome
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1	Answer to all the questions is 'No' and only forest land is being acquired	No SIA/RAP required
2	Answer to any question is 'Yes' and the sub-project does not affect more than 200 people (i.e. either complete or partial loss of assets and/or livelihood)	Abbreviated RAP is not required
3	Answer to any question is 'Yes' and the sub-project affects more than 200 people (i.e. either complete or partial loss of assets and/or livelihood)	SIA/RAP is not required

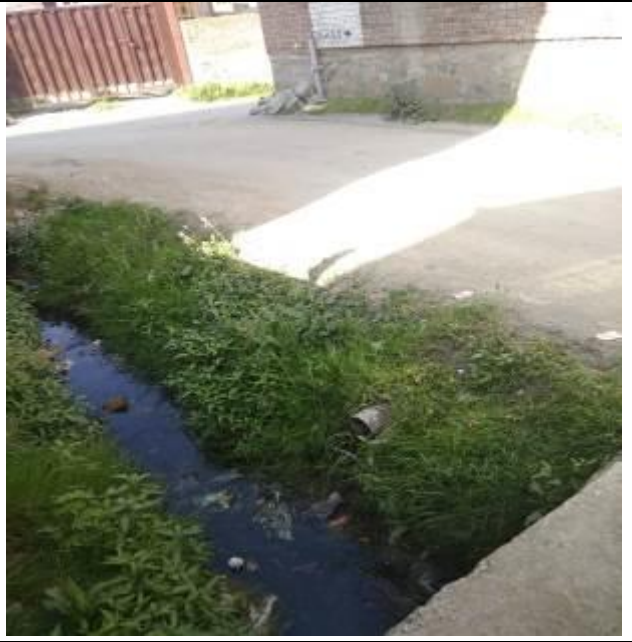
Outcome:

The proposed subproject of Storm Water Drainage of Zone 2 (Missing Links) involves land measuring of 2100 m² for the construction of dewatering pumping stations (DPS) and Govt. land is available for the same and is free from any encumbrance. In the proposed scheme RCC drainage pipes will be laid in the middle of the existing road.

Hence, no further study EIA/SIA is required.

Appendix 2: Site Photographs of Areas of Proposed Scheme





Appendix 3: Site Photographs of Areas of Proposed Scheme





Appendix 4: site photos of Dewatering Pumping stations



Appendix 5: Public Consultation/ Meeting Photographs





Public consultation was conducted in a Palpora Mosque (Hanfiya). Most of the people were assembled there with the close coordination and support from the residents. And above photos of consultation conducted in Palpora-Noorbagh areas etc.

Appendix 6: Attendance sheet

JHELUM TAWI FLOOD RECOVERY PROJECT (JTFRP), JAMMU & KASHMIR

SUB-PROJECT NAME: Missing Links-2 of Storm Water Drainage in Zone 2 of Srinagar City, J&K

LOCATION OF MEETING/ CONSULTATION: Talpore, Noorbagh, Shebeen colony

DATE AND TIME: 2:30 PM

Public Consultation Conducted by: Akhlee K. Mat

S. No	Name	Age/ Sex	Occupation	Address	Signature
1.	Muhammad Ibrak Mir	65/M	Retd. Employee	Talpore, Noorbagh	[Signature]
2.	Bilal AZ Khan	35/M	Shopkeeper	Talpore	[Signature]
3.	Muhammad Mezbun Mir	60/M	Talwar	Talpore	[Signature]
4.	Gh. Hassan Dar	40/M	labour	Talpore	[Signature]
5.	Mohd. Saleem Dar	26/M	Business	Talpore	[Signature]
6.	Gh. Mohd Ganie	70/M	Ret.	Talpore, Noorbagh	[Signature]
7.	Gh. nazi Mir	70/M	Ret.	Talpore	[Signature]
8.	Ab AZIZ Mir	70/M	Ret. Employee	Talpore	[Signature]
9.	Ab Atad Dar	70/M	Business	Noorbagh	[Signature]
10.	Bilal At. mir	35/M	employ	Shebeen Colony	[Signature]
11.	M. Yaseen Bhal	48/M	Business	Shebeen colony	[Signature]
12.	M. Rafiq Nataro	30/M	Business	Shebeen Colony	[Signature]
13.	M. Lateef Dar	42/M	Business	Talpore	[Signature]
14.	M. ASIF Ganie	30/M	Employ	Talpore	[Signature]
15.	M. Ashraf Wani	40/M	labour	Talpore	[Signature]
16.	Ajaz Sh. Mir	32/M	labour	Talpore	[Signature]

closed for consultation
[Signature]

JHELUM TAWI FLOOD RECOVERY PROJECT (JTFRP), JAMMU & KASHMIR

SUB-PROJECT NAME: Missing Links-2 of Storm Water Drainage in Zone 2 of Srinagar City, J&K

LOCATION OF MEETING/ CONSULTATION: *Palpora - Noorbagh, Shabher Colony, Adli Masjid*

DATE AND TIME: *8/1/19 4:00 pm* Public Consultation Conducted by:

S. No	Name	Age/ Sex	Occupation	Address	Signature
1.	<i>Dilawar Ah. Lone</i>	<i>32/M</i>	<i>shopkeeper</i>	<i>palpora</i>	<i>[Signature]</i>
2.	<i>Riyaz Ah. Mala</i>	<i>39/M</i>	<i>Business</i>	<i>palpora</i>	<i>[Signature]</i>
3.	<i>Mehdijuldin Dar</i>	<i>32/M</i>	<i>Business</i>	<i>palpora,</i>	<i>[Signature]</i>
4.	<i>M. Akbar Dar</i>	<i>65/M</i>	<i>Labour</i>	<i>palpora,</i>	<i>[Signature]</i>
5.	<i>M. Yousuf Wagay</i>	<i>40/M</i>	<i>Labour</i>	<i>Noorbagh</i>	<i>[Signature]</i>
6.	<i>Farooq Ah. Gani</i>	<i>34/M</i>	<i>Labour</i>	<i>Noorbagh.</i>	<i>[Signature]</i>
7.	<i>Fayaz Ah. Rather</i>	<i>48/M</i>	<i>Labour</i>	<i>Shabher Colony</i>	<i>[Signature]</i>
8.	<i>Ajiz Ah. Dar</i>	<i>37/M</i>	<i>Labour</i>	<i>Shabher Colony,</i>	<i>[Signature]</i>
9.	<i>M. Shahid Dar</i>	<i>40/M</i>	<i>Business</i>	<i>palpora,</i>	<i>[Signature]</i>
10.	<i>Adil Ah. Gani</i>	<i>22/M</i>	<i>Student</i>	<i>palpora</i>	<i>[Signature]</i>
11.	<i>Enk. Mohiudin Gani</i>	<i>75/M</i>		<i>palpora,</i>	<i>[Signature]</i>
12.	<i>Bashid Ah. Mir</i>	<i>42/M</i>	<i>Business</i>	<i>palpora</i>	<i>[Signature]</i>
13.	<i>Sameer Ah. Bhat</i>	<i>22/M</i>	<i>Student</i>	<i>palpora</i>	<i>[Signature]</i>
14.	<i>Mahmud Yalw</i>	<i>38/M</i>	<i>Artist</i>	<i>palpora</i>	<i>[Signature]</i>
15.	<i>M. Shafi Lone</i>	<i>55/M</i>	<i>Business</i>	<i>palpora</i>	<i>[Signature]</i>
16.	<i>Ab. Rahman Mir</i>	<i>53/M</i>	<i>Govt employe</i>	<i>palpora,</i>	<i>[Signature]</i>

Place of Handing PC - Handing package

Consent form used gen

JHELUM TAWI FLOOD RECOVERY PROJECT (JTFRP)

LIST OF THE PARTICIPANTS IN PUBLIC CONSULTATION WITH SIGNATURES

Name of the Sub-project: Missing Links (2) - SWD - Zone 11 to 111
 Location of the Meeting/ Consultation: Barbora / Kelpot Srinagar
 Date: 8/11/19 Time: 9:15 Consultation Conducted By: Amin Raza

S.No	Name of the Participant	Address	Age/Se x	Occupation	Signatures
1	M. Afzal Mir	Barbora	40/M	Teacher	
2	Muhammad	Barbora	20/M	Student	
3	Jameer Ah. Lone	Barbora	26/M	Labour	
4	Fazil Fayaz	Barbora	17/M	Student	
5	Muhsabeen Khatun	Barbora	25/M	Student	
6	Adil Ah. Khan	Barbora	20/M	Student	
7	Ah. Mohd.	Barbora	38/M	Labour	
8	Latif Ah. Mir	Barbora	45/M	Labour	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Used for the
 Government

Appendix 7: Revenue Documents (in Urdu) of IPS Palpora

انتخاب خسرہ گردا بی موضع لکھنؤ

تخصیص ۱۹۸۲

ضلع لکھنؤ

رقبہ	رقبہ	رقبہ	رقبہ		نام مالک مع حوالہ	نام کاشتکار مع حوالہ	رقبہ	رقبہ
			کھجور	کھجور				
۲۳۸	۱	۲۳۸	۱	۱	صمدیوں درخان پور پور	صمدیوں درخان پور پور	۱	۱
			۶	۶	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۶	۶
			۷	۷	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۷	۷
			۱۶	۱۶	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۱۶	۱۶
			۱۸	۱۸	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۱۸	۱۸
۲۳۸	۱	۲۳۸	۲	۲	صمدیوں درخان پور پور	صمدیوں درخان پور پور	۲	۲
			۱۲	۱۲	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۱۲	۱۲
			۱	۱	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۱	۱
			۸	۸	عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور	۸	۸
					عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور		
					عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور		
					عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور		
					عبدالرحمن درخان پور پور	عبدالرحمن درخان پور پور		

تعمیر و مرمت کے لیے (ERA) کے تحت ۱۹۸۲ء میں

۱۹۸۲ء

۱۹۸۲ء

۱۹۸۲ء

(Deccan pump station) ...
 (Pump shed) ... (32 x 40) ...
 ...
 ...
 ...

14/10
 PATWAR
 Tehsil L
 ...

Appendix 8: Land Records (in English) of IPS Palpora

Translated Copy of Revenue Extract of land Required for the Dewatering Station of Proposed SWD Scheme , missing link 2 in District Srinagar

Extract of Khasra Girdawari (Harvest Inspection Register) for the Village:
Palpora/Goripora , Tehsil: Eidgah District: Srinagar

1 Survey No.	2 Name of the Owner	3 Name of the tenant	4 Area		5 Type of Land	6 Rabi (Spring Harvest)			7 Remarks
			Kanal	Marla		Type	Mutation	Cultivation & Tax/ Levies	
428	State Land	Makbuza Milikan	0	10 06	(Soom Maidani)		-	-	
			8	6	(Baldzar) (Kool)				
			1	16					
428/1	State Land	Makbuza Milikan	2	13	2 K 7M		-	-	
			1	13	(Numbal)				
			0	07	5K 14 M (
			3	08	Banjari Qadeem)				

Note: Detailed report on extract of Jamabandi (Record of rights/ land dues) as per above statement.

[Signature]
21/7/20

Girdawari
JL BPA, Srinagar

Appendix 9: Revenue Documents (in Urdu) of IPS Sempora

حکومت ہندوستان کی سرکاری سرگرمیاں
فرد اشکاب مناجحیت

بابت موضع سرگرمیاں
قصر یا نئی چاند سرگرمیاں

بابت موضع		قصر یا نئی چاند سرگرمیاں				
1	2	3	4	5	6	7
رقبہ	تعمیرات	نام مالک معاہدات	نام اشکار معاہدات	ملائے ہوئے	دیہات	رقبہ
32	1150	سکر مار منگور	اتحاد عام منگور	7000	X	
52	1150	سکر مار منگور	مقبوضہ سکر مار منگور مقبوضہ سکر مار منگور سکر مار	7000	X X X	

کلی مندرجہ شدہ رقبہ 14000 مربع فوٹ (3200 مربع میٹر) ہے جو حکومت ہندوستان کی ملکیت ہے۔

رابطہ ایف ڈی ایم ڈی کے ساتھ

1950

H. P. PATWARI

Appendix 10: Land Records (in English) of IPS Sempora

Translated Copy of Revenue Extract of land used for the Dewatering Station of Proposed SWD Scheme in Missing Link 2 at Sempora Srinagar

Extract of Khasra Girdawari (Harvest Inspection Register) for the Village: Sempora, Tehsil: Panthachowk, District: Srinagar Kashmir

1 Survey No.	2 Name of the Owner	3 Name of the tenant	4 Area		5 Type of Land	6 Rabi (Spring Harvest)			7 Remarks
			Kanal	Marla		Type	Mutation	Cultivation & Tax/ Levies	
341/1780	State Govt.	Makboza Sarkar	3	13	(Banjar Kadeem)	-	-	-	-
837/1190	State Govt.	Makboza Sarkar	13	10	(Banjar Kadeem)	-	-	-	-
			17	3					

Note: Detailed report on extract of Jamabandi (Record of rights/ land dues) as per above statement.

Note: Above statement issued by the order of Tehsildar Dated: 27/10/2019

*Translated by
JGC BKA
Srinagar*