

**OFFICE OF CHIEF ADMINISTRATIVE OFFICER/ PTS  
STATE ENTRY ROAD, IRCA BUILDING  
NEW DELHI-110055**

No: CAO/ PTS/ 148/ Est./ Super App/ IR/2024

Dated: 21/06/2024

**Principal Chief Commercial Manager (S),  
(All Zonal Railways)**

**Subject: Conducting Survey for Passenger Amenities Works for Super App  
(PAWSP)**

**Reference:** 1. Railway Board letter no: 2023/C&IS/Project/Umbrella 2023-24/8 dated  
06/12/2023.  
2. GM/CEP-3/CRIS letter no: 2021/CRIS/NDLS-ITPI/CEP/Project/GISP/  
143/ PT-1 dated 12/06/2024 (Copy Enclosed).

Vide letter referred (1) above, Railway Board has sanctioned the work "Super App for Indian Railways".

2. Vide letter referred (2) above (copy enclosed), CRIS has developed a survey app for collection of POI (Point of Interest) on station platforms.

3. For conducting survey and collecting POI on priority, initially, it has been planned to collect survey data of 32 stations (Two stations from each zone).

4. In view of above, Zonal Railways are requested to conduct aforesaid survey as per procedure mentioned in CRIS' letter at the earliest and send the data to CRIS on [pawspcris@gmail.com](mailto:pawspcris@gmail.com) under advice to this office.

Encl: As above.



21/06/2024

**(S. Jagannathan)  
Chief Administrative Officer/PTS**

**Copy to:**

1. ED/PM, Railway Board for information please.
2. ED/C&IS, Railway Board for information please.
3. GM/CEP-3/CRIS, for information please.

CAO/PTS  
Northern Railway  
IRCA Building  
New Delhi,

18/6

**SUB: Conducting survey for Passenger amenities works for SuperApp (PAWSP)**

In the above matter it is informed that a meeting was held in Railway Board by MoBD with CRIS for development of a SuperApp which consist of all the passenger facing applications of Indian Railways like: Reservations, Unreserved Ticketing System, NTES and Rail Madad etc.

CRIS has been entrusted to develop a web and mobile application i.e. PAWSP (Passenger amenities works for SuperApp) to facilitate train passengers for search, visualise on a station map and navigate to desired locations on the station Pol (Point of interest) like: Enquiry Office, Entry, Escalator, Exit, Lift, Office, Parcel, Parking, Police Station, Toilets, Refreshments, Chemist shop, Water booth etc. Major functionalities of the system is to allow passengers to see the Pol (points of interest) on a map and to search the best route to any point of interest by highlighting it on the map.

A survey app has been developed for collection of Pol (Point of Interest) on station platforms. Detailed guidelines for using the survey application is attached as Annexure- A. Divisions are required to do survey and collect POI for all the asset categories mentioned in annexure-A. After survey, they shall send the data to CRIS on [pawspcris@gmail.com](mailto:pawspcris@gmail.com) for further development of navigation application.

It is requested to arrange to issue instructions to Railways/Divisions for conducting surveys and collecting POI on priority. Initially, it has been planned to collect survey data for following 32 no stations. As most of the important stations of all Zonal railways are covered under Amrit Station scheme and works are in progress at above stations, hence Amrit Stations have been excluded for the purpose of survey.

Sr No.	Railway	Division	Station Code	Station Name	Category
1	CR	SUR	GR	GULBARGA	NSG3
2	CR	CSTM	PNVL	PANVEL	NSG1
3	ECOR	SBP	JNRD	JUNAGARH ROAD	NSG5
4	ECOR	WAT	SCM	SIMHACHALAM NORTH	NSG4
5	ECR	DNR	DNR	DANAPUR	NSG3
6	ECR	DNR	PNBE	PATNA JN	NSG1
7	ER	HWH	BWN	BARDDHAMAAN	NSG2
8	ER	ASN	DGR	DURGAPUR	NSG3
9	NCR	PRYJ	ALD	ALLAHABAD	NSG2
10	NCR	PRYJ	DER	DADRI	NSG4
11	NER	IZN	GKP	GORAKHPUR	NSG2
Sr No.	Railway	Division	Station	Station Name	Category

19/06  
CMI-E

			<b>Code</b>		
12	NER	BSB	SHG	SHAHGANJ	NSG3
13	NFR	TSK	DBRT	DIBRUGARH TOWN	NSG3
14	NFR	KIR	KIR	KATIHAR	NSG2
15	NR	DLI	ANVT	ANAND VIHAR TERMINAL	NSG2
16	NR	LKO	PBH	PARTAPGARH	NSG3
17	NWR	JU	BGKT	BHAGAT KI KOTHI	NSG3
18	NWR	JP	KSG	KISHANGARH	NSG3
19	SCR	GTL	GTL	GUNTAKAL	NSG3
20	SCR	BZA	COA	KAKINADA PORT	NSG4
21	SECR	BSP	AAL	AMLAI	NSG5
22	SECR	NAG	RTK	RAMTEK	NSG4
23	SER	KGP	BLS	BALASORE	NSG3
24	SER	CKP	BNDM	BONDAMUNDA	NSG5
25	SR	MAS	MAS	CHENNAI CENTRAL	NSG1
26	SR	TPJ	TPJ	TIRUCHCHIRAPPALLI JUNCTION	NSG3
27	SWR	SBC	SBC	BENGALURU	NSG1
28	SWR	SBC	YPR	YESVANTPUR JN.	NSG2
29	WCR	BPL	BINA	BINA MALKHERI JUNCTION	NSG3
30	WCR	BPL	HBJ	HABIBGANJ	NSG2
31	WR	ADI	BHRJ	BECHRAJI	NSG4
32	WR	BCT	BL	VALSAD	NSG3

Later on, the work of data collections will be given to divisions in phases, covering all divisions within the next 2-3 months period. In addition to detailed guidelines, VCs will also be conducted by CRIS with divisions explaining the procedure of data collection. Videos will also be distributed detailing the procedure of data collection, by CRIS.

DA: Annexure "A"

**MANOJ** Digitally signed  
by MANOJ  
GUPTA  
**GUPTA** Date: 2024.06.12  
17:38:06 +05'30'

**Manoj Gupta**  
**GM/CEP-3/CRIS**

Copy :

- 1) PED/PM/Railway Board: For kind information please
- 2) MD/CRIS: For kind information please.
- 3) Dir/Infra/CRIS: For kind information please.

**Passenger Amenities Application (PAWSP)**

1. **Scope Of Work:** The work consists of **Design, Development and Installation of Mobile and Web Application "Passenger Amenities work for SupperApp (PAWSP)"** to facilitate train passengers to search, visualise on a station map and navigate to desired locations on the station as given from the Point of interest with successful integration with CRIS SuperApp application.


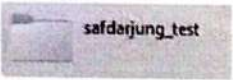

Major functionalities of the system is to allow passengers to see and search the Pol (points of interest) on a station map and to search the best route to any point of interest by highlighting it on the map by entering from and to location.

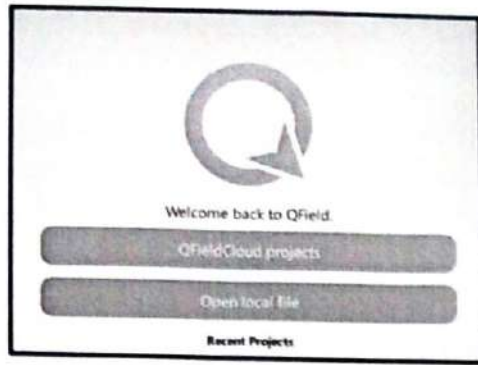
2. **Point of Interest Type:** Points of interest which need to be surveyed on the stations are given below.


1. ATM/Bank
2. Book Shop
3. Chemist Shop
4. Cloak Room
5. Current Reservations
6. Coach Indication Boards
7. Electrical asset
8. Enquiry Office
9. Entry
10. Escalator
11. Exit
12. Lift
13. Metro/ Local Train
14. Office
15. Parcel
16. Parking
17. Police Station
18. Post Office
19. Refreshments
20. Reservation Office
21. Retiring Room
22. RPF
23. GRP
24. Sitting
25. Souvenir Shop
26. Stairs
27. Station Master/ office
28. STD PCO Booth
29. Subway
30. Taxi Booth
31. Temple
32. Ticket Counter
33. Toilet
34. Tourist Bureau

35. Train Information Board
36. Waiting Room
37. Water Booth
38. Wheelchair
39. Medical room
40. Ramp
41. Stall
42. Other
43. Lavotries
44. Urinal
45. TVM
46. Water tap for disabled
47. Toilet for disabled
48. End Pathway/Trolley pathway
49. Help Booth
50. Stretcher
51. Executive Lounge
52. VIP room
53. Waiting Hall
54. MFC
55. Budget hotels
56. Battery Operated Car
57. Parking for Disabled

3. Process for using and configuring the survey app to capture the point of interest on stations.

1. Open play store and search Qfield application  and download the application on your android mobile. (Note: This application is only for android mobile).
2. Connect your mobile with the desktop system with USB cable and set it for transfer files/data. Open your mobile internal storage on desktop and copy the folder  in the internal storage. which will be provided to users for the station which needs to be surveyed.
3. Open the Qfield application on your mobile.
4. Click on the Open local file  tab.



5. Click on the plus tab  given in the right down corner.




6. Click on the Import projects from folder **Import project from folder** from the Qfield app.



7. Select the folder  safdarjung\_test which the user will receive through division and click on the  to allow the Qfield application to access files from the folder for setting the station survey database on the Qfield application.

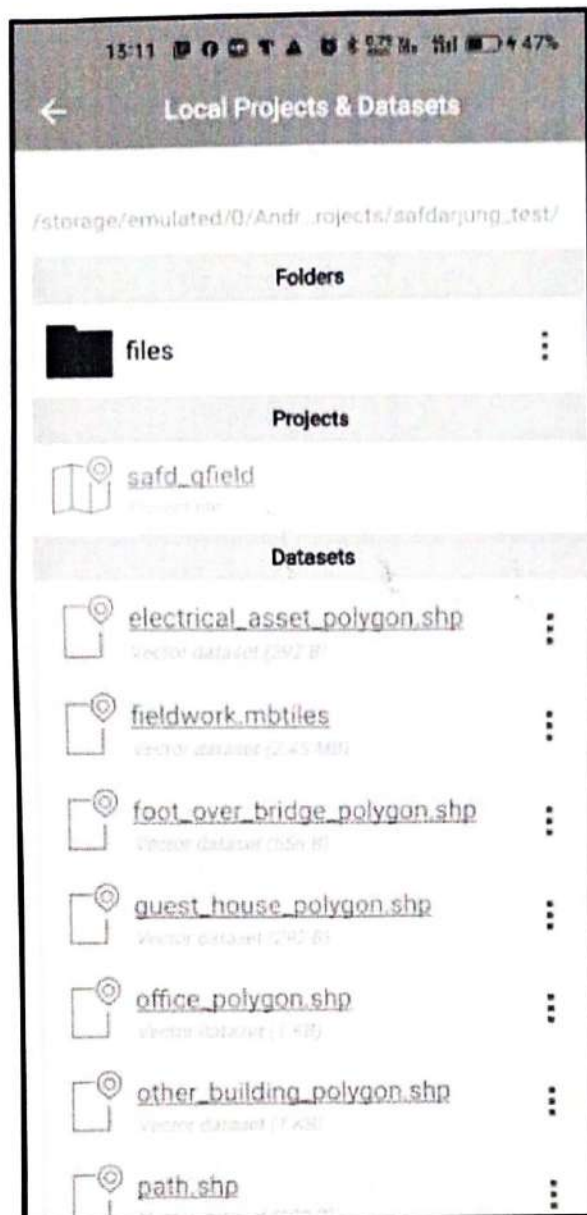


Projects

8. Click on the  safd\_qfield Projects.



safd\_qfield name from

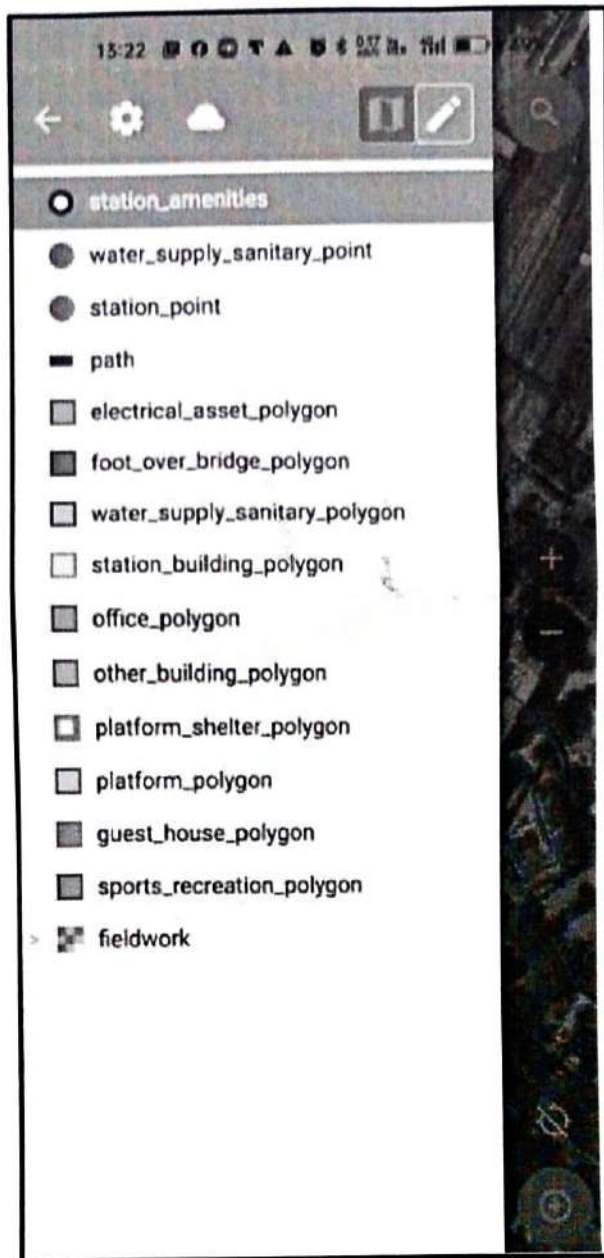





9. Station Layout with Platforms and other layers data data will open on the mobile app.




10. Click on the  this icon for showing the layers list. Click on the station amenities layer and select the Editing feature . Now click on the arrow for return on the map.





11. First reference your location on the station by clicking on this icon . it will locate your GPS position on the station and capture any POI (Point of

interest ) on the station by setting this  plus sign on the platform. Click

on the Plus sign  to Add features on station amenities layers. A form will popup on the screen. And fill the form

- User will select the Amenity category,
- User will enter the Amenity Name
- User will select the floor
- User will select the Island platform no. from the dropdown menu

- User will select the End platform no from the dropdown menu.
- User will click the image.
- User will click on the update on the date icon.

After that user will click on the right  icon to save the data on the folder or  icon to delete the feature.

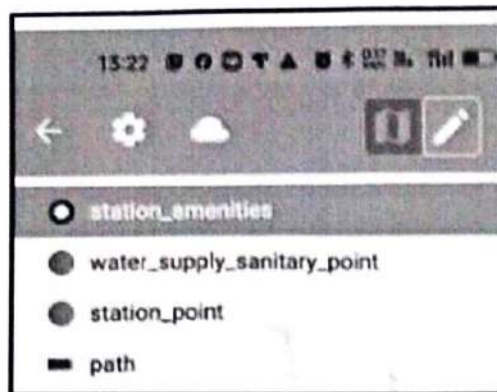





12. Click on the Path layer  path from the layer list and set it for editing




. Now click on the arrow to return on the map.

Note: Path layer Line feature is for creating a walkway for develop the path on the station platform and outside like station premises inner road connected to the main road.



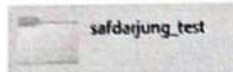
13. Set the plus icon  for creating line feature and then click on the  icon to create node then adjust the  icon again to create a line on the platform and other routes which used to walk on the station platform like Fob, inner station premises, road from entry and exit etc.



A line will be visible in red colour, then click on the  icon for saving the path layer data. A form will be open to enter the value for the line data. Then save the data.



14. After surveying the data of the station, the user will connect the mobile to desktop system with the help of USB cable. Copy the folder



into the desktop system and send it to [pawspcris@gmail.com](mailto:pawspcris@gmail.com).