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Following supplement is issued for information, guidance and necessary action.

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AIRPORTS AUTHORITY OF INDIA

[VALIDITY: FM 09 FEB 2026, 1800 UTC TO 31 JULY 2027, 0130 UTC]

CLOSURE OF RWY 09/27
FOR STRENGTHENING OF RUNWAY AND
OTHER AIRSIDE DEVELOPMENT WORKS
LAL BAHADUR SHASTRI AIRPORT
VARANASI (VEBN)

I. INTRODUCTION

The purpose of this AIP Supplement is to inform the internal and external stakeholders (Airlines, ANSP, regulator etc.) likely to use the information pertaining to the time limited closure of Runway 09/27 due to above Airside Development works / Resurfacing works at Lal Bahadur Shastri International Airport, Varanasi. The essential features of these works are:

I. Civil Works

- a) Resurfacing of existing Runway, shoulder & Turn Pad for Code E Aircraft.
- b) Strengthening of basic strip along existing runway of width as per DCGA CAR provisions using GSB and earth over it along with provision of strengthened basic strip over extended portion of runway.
- c) Extension of existing runway by 1704 m x 45m with flexible pavement, with provision of shoulders of width 7.5m on both sides.

- d) Construction of 4075 m x 23m wide Code E Parallel Taxi Track with 7.5 m wide shoulder with fillets.
- e) Construction of Apron (approx. 425m x 145.6 m) for Code C aircraft and Apron (approx. 581.1m x 146m) for Code E aircraft.
- f) Construction of 05 nos. 23 m wide Code E Link Taxi Track with 7.5 m wide shoulder with fillets.
- g) Construction of 02 nos. 23 m wide Code E Rapid Exit Taxiway with 7.5 m wide shoulder with fillets.
- h) Construction of Isolation Bay for Code E Aircraft with 23m wide link Taxiway having 7.5 m wide shoulders and adequate fillets.
- i) Provision of RESA on extended end of Runway measuring 240m x 90 m, beyond 60m x 60m over run/blast pad after Runway Threshold.
- j) Provision of Runway Turn pad.
- k) Development of Runway strip with suitable grading.
- l) Provision of drainage system.
- m) Provision of Box culvert over drain/nallah, if required.
- n) Provision of standard markings and mandatory instruction signage to be provided as per DGCA CAR.
- o) Provision of vehicular lane and GSE area.
- p) Construction of perimeter road.

II. Electrical Works

- a) Provision of CI/MS transformer housing boxes to accommodate runway equipment.
- b) Provision of GI pipes in hard surface by SAW cutting; DWC/ HDPE pipes on Ground/ Surface/HDD along with taking GPS based coordinates on complete length of main runway including both approaches, cable route etc. by using total station for installation of complete CAT-III lighting system etc.
- c) Provision of facilities for installation of requisite lights for the entire portion of the new Apron and the existing Apron.
- d) Provision of temporary lights on Housing box during resurfacing of runway/turn pad and taxiways wherever required.

- 1.2. Runway 09/27 will not be available for landing and take-off from 09 February 2026 to 28 March 2026 on Mondays to Sundays between 1800 UTC to 0200 UTC (next day). From 29 March 2026 up to 31 October 2026 on Mondays to Sundays between 1600 UTC to 0100 UTC (next day) Runway 09/27 will not be available for landing and take-off.
- 1.3. Aeronautical Ground Lights of runway and taxiways will be provided on daily basis, temporarily, during hours of operation as detailed in Annexure-I
- 1.4. Extension of work activity beyond the dates mentioned above, if required, shall be promulgated vide a separate NOTAM.
- Note: It is advised to check for latest NOTAMs promulgated related to availability/non-availability of aerodrome facility at LBSI Airport. Due to dynamic work activity schedule dates published vide this AIP Supplement may vary, which shall be promulgated for information of all concerned, as and when required.*
- 1.5. Changes to the existing procedures and extension of any operational procedure, revised taxi routing etc. other than mentioned in this AIP Supplement will be notified through NOTAMs.
- 1.6. ***Runway 09-27 shall not be available for emergency landings and diversions during the closure. Airlines are advised to plan their flight accordingly.***

Zone wise details (map of zones attached)

i. Zone – 0 Details and schedule of works outside Basic Strip:

Construction of Demarcated Portion of Aprons for Code C and Code E type of aircrafts, Demarcated portion of Parallel Taxi Track, Isolation Bay, Demarcated portion of Link Taxi Track at beginning of Runway 27 with 7.5 m wide shoulder with fillets, 1 no RET and Box culverts on LTTs and RETs (**Zone marked in Green**).

ii. Zone – 1A Details and schedule of works inside Basic Strip:

Construction of Demarcated Portion of 3 nos. Link Taxi Track and Demarcated Portion of 1 no. of Rapid Exit Taxiway with 7.5 m wide shoulder with fillets and Box culverts for drainage purpose (**Zone marked in Blue**).

iii. Zone – 1B Details and schedule of works outside Basic Strip:

Construction of Demarcated portion of Aprons for Code E, Demarcated portion of Parallel Taxi Track, Demarcated portion of 3 nos. Link Taxi Track and 1 no.

of Rapid Exit Taxiway with 7.5 m wide shoulder with fillets and Box culverts for drainage purpose (**Zone marked in Purple**).

iv. Zone – 2 Details and schedule of works:

Major strengthening works on existing RWY 09/27, Hardening of Basic Strip, resurfacing of existing link taxi tracks (A, B and C), Construction of Demarcated Portion of taxi-track leading to isolation bay, box culvert for Isolation Bay and affected aeronautical ground lights. (**Zone marked in Brown**).

v. Zone – 3 Details and schedule of works:

Construction of Parallel Taxi Track (PTT) after demolition of existing Delta taxi track and part of Existing Apron and link taxi to existing Isolation bay (**Zone marked in Red**).

vi. Zone – 4 Details and schedule of works:

Extension of runway by 300 m x 45m with flexible pavement after demolition of existing blast pad at 09 end and trans-installation of Localizer (**Zone marked in Aqua**).

- The work area and deployed machinery will be marked and lighted as per DGCA CAR Section 4 Series B Part 1. The work area shall be marked and lighted by placing barricades/ markers/ obstruction lights to delineate work areas from other operational areas for easy identification by airside users and pilots.
- The illumination of the work area during the night shall be done by deploying portable lights which shall be facing downwards to avoid glare to the flight crew.

**DETAILS AND SCHEDULE OF WORKS OUTSIDE BASIC STRIP EXCEPT
SCOPE OF WORK COVERED UNDER ZONE 1B, ZONE 3**

1. This zone shall include the work which has to be done outside the basic strip (140 m away from Runway Centre Line on both sides) except scope of work covered under Zone 1B and Zone 3. Refer Map of Zone 0 appended on next page.
2. The scope of work planned under this zone is “**Construction of Demarcated Portion of Aprons for Code C and Code E, Demarcated portion of Parallel Taxi Track, Isolation Bay, Demarcated portion of Link Taxi Track at beginning of Runway 27 with 7.5 m wide shoulder with fillets, 1 no RET and Box culverts on LTTs and RETs (Zone marked in Green)**”.
3. **Runway 09/27 will be available for operations during the work to be executed under this zone.**
4. Mobile Traffic/ Construction Equipment of up to height of 5 mtrs. shall only be allowed in work area.
5. Work under this zone will be carried out H24.
6. The works shall be carried, without infringing into Obstacle Free Zone (OFZ) of RWY 09/27. All compliances related ICAO Doc 9137, Airport Service Manual Part-6 - Control of Obstacles, Chapter 3, for dealing with temporary hazards due to construction activity, shall be ensured

**DETAILS AND SCHEDULE OF WORKS INSIDE BASIC STRIP EXCEPT SCOPE
OF WORK COVERED UNDER ZONE 2**

1. This zone includes the work which shall be carried out inside the basic strip except scope of work covered under Zone 2. Refer Map of Zone 1A appended below.
2. The scope of work covered under this zone is **“Construction of Demarcated Portion of 3 nos. Link Taxi Track and Demarcated Portion of 1 no. of Rapid Exit Taxiway with 7.5 m wide shoulder with fillets and Box culverts for drainage purpose (Zone marked in Blue).”**
3. Work planned under this zone will be parallelly executed along with the work under Zone 2 and will be completed before the start of work under Zone 3. Work in Zone 3 will start only after the completion of said work and operational/commissioning of Zone 1A & Zone 1B Areas **(on trial basis)**.
4. Work in this Zone shall be carried out during hours of Aerodrome Closure as mentioned in **para 1.2** of this AIP supplement.

**DETAILS AND SCHEDULE OF WORKS OUTSIDE BASIC STRIP EXCEPT
SCOPE OF WORK COVERED UNDER ZONE 0, ZONE 3 & ZONE 4.**

1. This zone includes the work which will be carried out outside the basic strip except scope of work covered under Zone 0, Zone 3 & Zone 4. Refer Map of Zone 1B appended below.
2. The scope of work covered under this zone is “**Construction of Demarcated portion of Aprons for Code E, Demarcated portion of Parallel Taxi Track, Demarcated portion of 3 nos. Link Taxi Track and 1 no. of Rapid Exit Taxiway with 7.5 m wide shoulder with fillets and Box culverts for drainage purpose (Zone marked in Purple).**”
3. Work under this zone will start with the start of work under Zone 1A & Zone 2 and will be completed before the start of work under Zone 3.
4. Work under this zone will be carried out H24 except for the portion of **Zone-1B** which is on northern side of existing Apron. The work under portion of **Zone-1B** which is on northern side of existing Apron, shall be carried out during hours of Aerodrome Closure as mentioned in **para 1.2** of this AIP supplement.
5. Mobile Traffic/ Construction Equipment of up to height of 5 mtrs. shall only be allowed in work area.

**DETAILS AND SCHEDULE OF WORKS FOR MAJOR REHABILITATION /
RESURFACING WORKS DURING LIMITED TIME CLOSURE OF RWY 09/27**

The major rehabilitation / resurfacing is planned in this zone to address all the stressed / cracked portions of the runway surface and portions of associated TWYs of RWY 09/27 by using conventional method of 'Hot Mix Overlaying' which shall include overlaying it with bituminous materials in Three layers. The work includes **“Major strengthening works on existing RWY 09/27, Hardening of Basic Strip, resurfacing of existing link taxi tracks (A, B and C), Construction of Demarcated Portion of taxi-track leading to isolation bay, box culvert for Isolation Bay and affected aeronautical ground lights (Zone marked in Brown).”**

1. Refer Map of Zone 2 appended below.
2. Work in this Zone shall be carried out during hours of Aerodrome Closure as mentioned in **para 1.2** of this AIP supplement.
3. All the kerf/core cutting work will be executed and the same shall be filled up during resurfacing work.
4. All Electrical work will be executed along with Civil work at Runway site.
5. Aeronautical ground lights for RWY 09/27 will be removed and will be reinstalled before commencement of aircraft operation each day. Details of the non-availability of aeronautical ground lights, Consequent reduction in facilities are mentioned in Annexure-I.
6. RWY Slope and temporary ramp provided between the new and the old runway surface and between Runway and Taxiway shall be compliant to DGCA CAR, Section 4, Series-B, Part-1 with respect to transverse and longitudinal slopes.
7. All the requirements laid down in DGCA CAR, Section 4, Series-B, Part-1 with respect to basic strip shall be complied with.
8. Post Completion of Resurfacing, PCR of Runway will be notified through AIP.
9. ***The Resurfacing of Runway 09/27 will be carried out from Threshold RWY27 to Threshold RWY09 only during this phase. The Resurfacing of remaining 232 meters of Runway length will be completed during merger of existing Runway with extended portion of Runway.***

**DETAILS AND SCHEDULE OF WORKS OUTSIDE BASIC STRIP EXCEPT SCOPE
OF WORK COVERED UNDER ZONE 0, ZONE 1B & ZONE 4.**

1. This zone includes the work which shall be carried done outside the basic strip (140 m away from runway central line on both sides) except scope of work covered under Zone 0, Zone 1B & Zone 4. Refer Map of Zone 3 appended on next page.
2. The scope of work planned covered under this zone is for **“Construction of Parallel Taxi Track (PTT) after demolition of existing Delta taxi track and part of Existing Apron and link taxi to existing Isolation Bay (Zone marked in Red).”**
3. Work in Zone 3 will start only after the completion of work in Zone 0, Zone 1A, Zone 1B & Zone 2 Areas and operationalization of Zone 1A, Zone 1B (**on trial basis**).
4. Existing Isolation Bay shall not be available, alternatively the newly constructed isolation bay in Zone 0 will be used on trial basis (information promulgation through NOTAM).
5. Work under this zone will be carried out H24.
6. Due to non-availability of Taxiway A and B, Runway Occupancy time will increase significantly thereby reducing the Hourly Runway Handling Capacity for Runway 27.
7. Changes to the existing pushback procedures, revised taxi routing etc. will be notified through NOTAMs.

DETAILS AND SCHEDULE OF WORKS FOR EXTENSION OF RUNWAY BY 300 M X 45 M WITH FLEXIBLE PAVEMENT INSIDE OPERATIONAL AREA

1. This zone includes the work which shall be carried outside the basic strip except scope of work covered under Zone 0, Zone 1B & Zone 3. Refer Map of Zone 4 appended below.
2. The scope of work covered under this zone is **“Extension of runway by 300 m x 45m with flexible pavement after demolition of existing blast pad at 09 end and trans-installation of Localizer (Zone marked in Aqua).**
3. Work under this zone shall start tentatively from 01 Oct 2026.
4. Work in this Zone shall be carried out during hours of Aerodrome Closure as mentioned in **para 1.2** of this AIP supplement.

**DETAILS OF AFFECTED AERONAUTICAL GROUND LIGHTS DUE TO
RESURFACING WORKS ON RWY09/27**

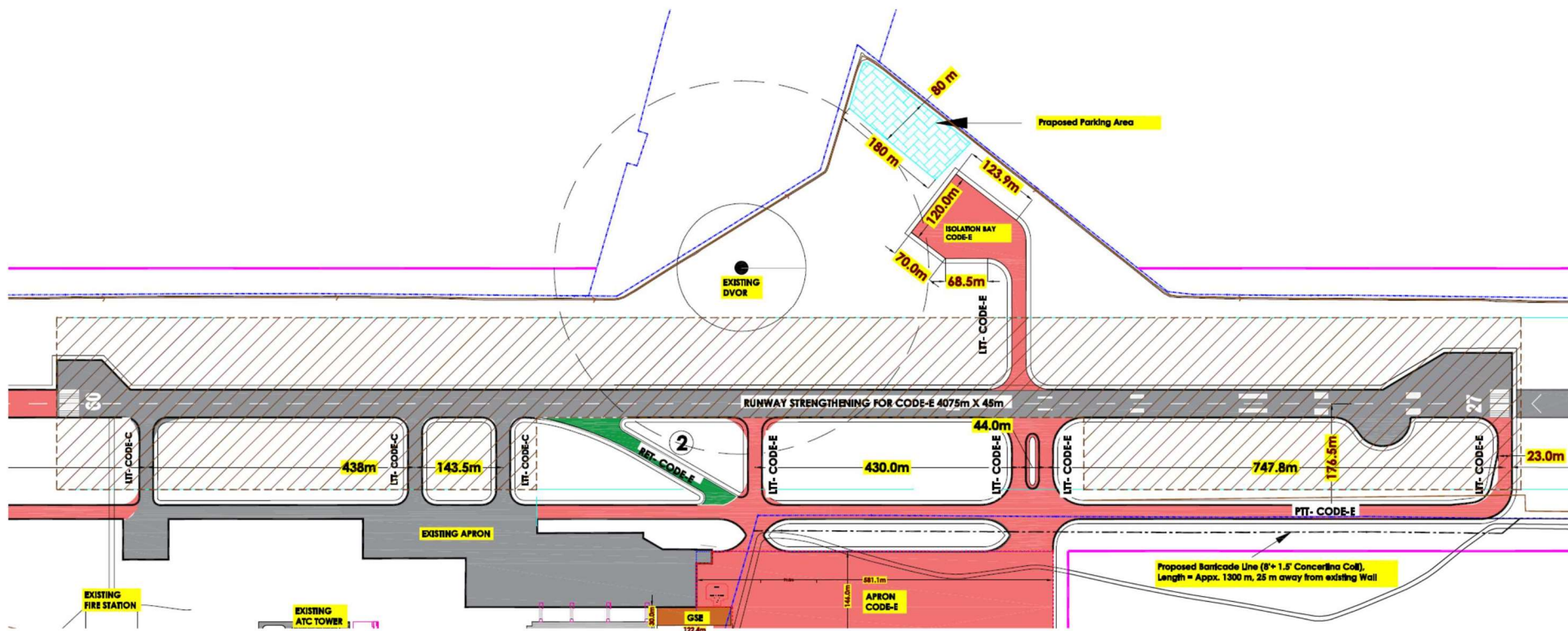
1. **RWY EDGE LIGHTS:** During Resurfacing Runway Edge light will be removed, collar will be fixed on CI box during resurfacing work and Runway Edge light shall be reinstalled; however, during the works on the junction of TWYs connected with RWY 09/27 and the turnpad, sometimes inset RWY edge lights may not be available which may affect the implementation of LVP.
2. **For Runway Threshold and End Light:** Unidirectional elevated type Threshold and End Light will be installed temporarily.

Caution: Pilots are advised to exercise caution while landing and taking off on Runway 09/27.

Annexure-II

PRECAUTIONS AND RESTRICTIONS

1. During the construction periods, pilots are advised to exercise caution and ensure heightened attention when taxiing near the work areas. Work areas will be marked and demarcated from operational areas by placing water filled yellow/red barricades and red flags as necessary.
2. Presence of construction equipment up to 5 meters height are deployed after ensuring the distance for C/L to object for Code C, as per DGCA CAR Section 4, Series B, Part-1.
3. Movements of construction equipment and vehicles near work sites adjacent to active taxiways and in the vicinity of the work areas are controlled by safety steward stationed on site.
4. 'Follow Me' service shall be provided when using the newly constructed link taxi track and apron on trial basis.
5. RESA for Runway 27 may not be available as per DGCA CAR requirement for limited duration. NOTAM will be published for the same.



ZONE LEGEND

