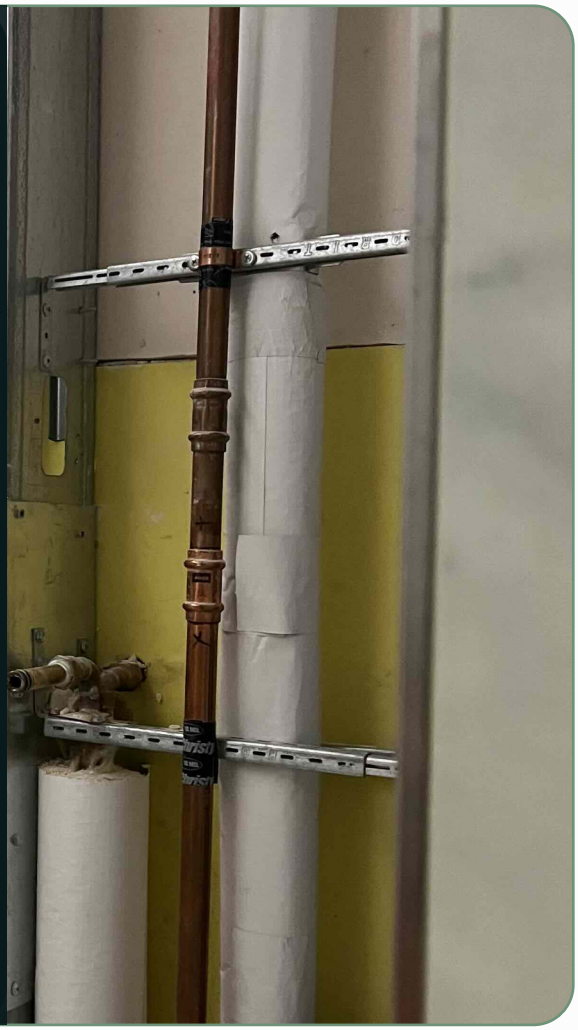
+ PRECISION REPAIR ABOVE A CRITICAL OPERATING AREA

A HIDDEN LEAK.
TSA DIRECTLY BELOW.
ONE ACCOUNTABLE TEAM.



A persistent leak beneath Delta lounge showers required more than another service visit. ASI connected investigation, controlled demolition and specialist repair inside a restricted airport environment.

TRACE
CONCEALED FAILURE

CONTROL
NIGHTTIME ACCESS

REPAIR
TESTED PIPING

OVERVIEW

CHALLENGE

Several firms had been unable to locate the leak. The showers were out of service, with water reaching the TSA area below. Concealed piping, limited access and noise restrictions made every intervention consequential.

ASI APPROACH

ASI coordinated diagnostic specialists and field crews, sequenced controlled openings, protected retained finishes, and aligned access with airport requirements. Findings drove targeted supply and vent repairs, followed by testing.

RESULTS

- Concealed leak paths investigated and repaired.
- Cold-water and vent piping tested after repair.
- One team connected access, demolition and plumbing.

DELTA AIR LINES | LOS ANGELES INTERNATIONAL

The value was control of a difficult problem in a sensitive operating environment. ASI combined construction access, specialist diagnosis and accountable field coordination to move from an unresolved leak to a tested repair.

PROJECT INFO

CLIENT
Delta Air Lines

LOCATION
Los Angeles, California

ENVIRONMENT
Airport lounge above TSA

CONSTRAINT
Restricted nighttime access

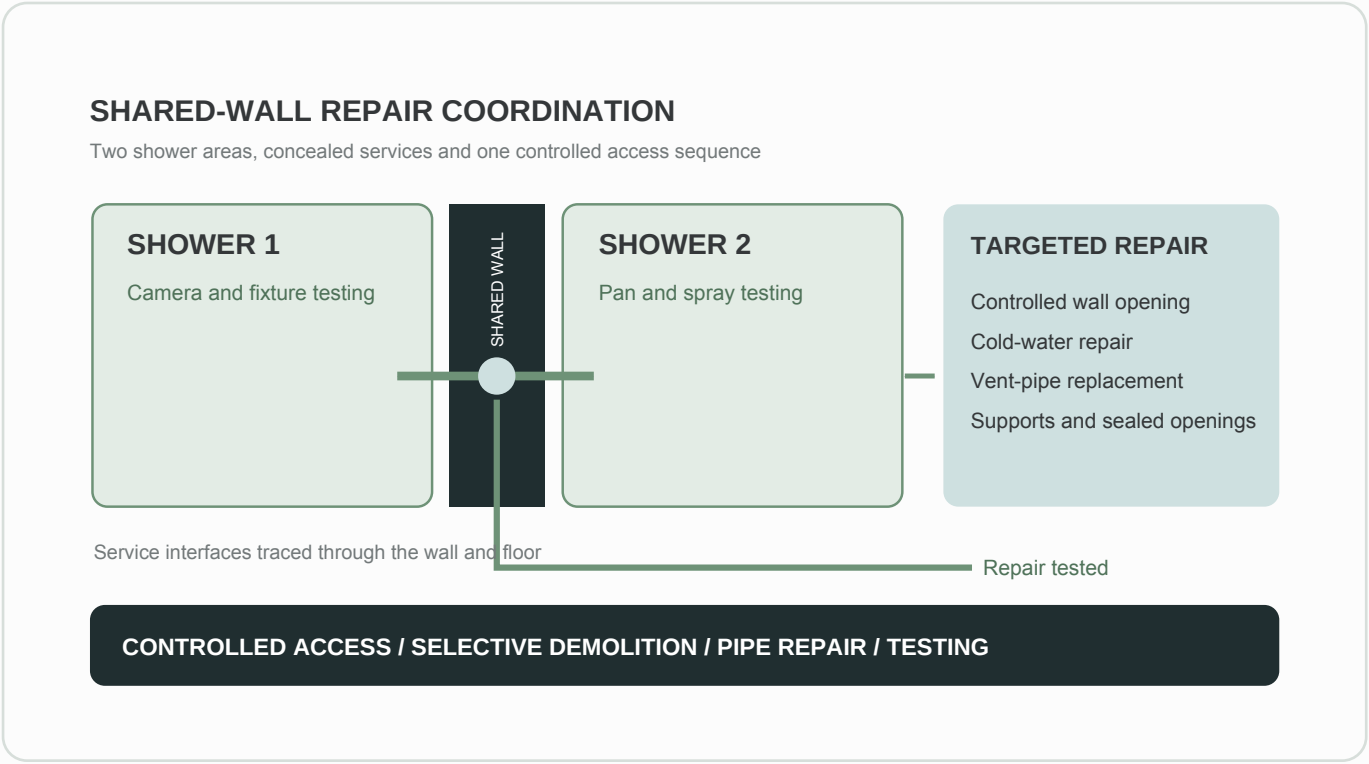
DELIVERY
Investigation, demo, repair

STATUS
Leak repair completed

+ THE REPAIR INTERFACES

THE WATER PATH WAS HIDDEN.
THE REPAIR HAD TO BE COORDINATED.

The shared wall connected shower fixtures, concealed supply piping and vent risers passing through the floor. ASI organized access and trade sequencing around those interfaces.



PLUMBING COORDINATION | SHARED-WALL REPAIR

RESTRICTED
AIRPORT ACCESS

SELECTIVE
CONSTRUCTION OPENINGS

TESTED
PLUMBING REPAIR

CONDITIONS DICTATED THE NEXT STEP

When non-invasive testing could not resolve the concealed path, controlled openings gave the specialists the access required.

THE AIRPORT DICTATED THE WINDOW

Nighttime access, escorts, noise control and protection had to align before demolition and repair could move forward.

+ THE ASI DELIVERY MODEL

FIND THE CAUSE. CONTROL THE ACCESS.
CONNECT EVERY STEP OF THE REPAIR.

ASI managed the dependencies around the specialist plumbing work: where crews could enter, what could be opened, what needed protection and how each finding changed the next intervention.

TRACE

INVESTIGATED THE CONCEALED PATHS

Camera inspections and repeated fixture, drain and pan tests narrowed the problem inside the shared wall and floor penetrations.

ACCESS

ALIGNED CREWS WITH AIRPORT REQUIREMENTS

ASI coordinated site contacts, escorts, protection and restricted work windows. Noise-sensitive demolition was moved to nighttime.

OPEN

CREATED CONTROLLED REPAIR ACCESS

Selective removal of tile and backing opened the required wall area, connecting the investigation to physical access for the repair.

REPAIR

COORDINATED SPECIALIST PIPE REPLACEMENT

The team replaced the leaking cold-water section and affected cast-iron vent piping, with supports and sealed floor penetrations.

TEST

VERIFIED THE REPAIRED PIPEWORK

The plumber tested the new piping and recorded no leaks at that time. ASI documented the repair and coordinated the next scope.

PROJECT INFO

CLIENT
Delta Air Lines

LOCATION
LAX, Los Angeles

SETTING
Airport lounge showers

ACCESS
Nighttime work windows

CORE SCOPE
Diagnosis, demo and repair

DELIVERY
ASI-led trade coordination

STATUS
REPAIR COMPLETE

ONE TEAM CONTROLLED EVERY DEPENDENCY

Planning, security coordination, protected demolition, specialist plumbing and testing operated as one connected field plan. The work advanced through findings, not assumptions.

INVESTIGATE	COORDINATE	PROTECT	OPEN	REPAIR	TEST

THE CHALLENGE WAS THE ENTIRE REPAIR PROCESS, NOT JUST THE FAILED FITTING.

+ THE OUTCOME

THE LEAK WAS LOCATED.
THE REPAIR WAS TESTED.

ASI brought structure to a persistent problem, connecting targeted investigation and construction access with the specialist repair. The completed scope was the leak investigation, selective demolition and plumbing repair.

LOCATED

CONCEALED CONDITIONS

Successive inspections connected the observed water paths to accessible repair locations.

REPAIRED

SUPPLY AND VENT PIPING

Affected pipework was replaced and floor penetrations were resealed.

TESTED

REPAIR VERIFICATION

New piping was tested with no leaks observed at that time.

WHAT THE PROJECT DELIVERED

A DIFFICULT PROBLEM RESOLVED

A leak that had resisted prior investigations moved through targeted access to an executed repair.

CONTROLLED CONSTRUCTION ACCESS

Demolition and protection were coordinated around the retained lounge and airport requirements.

CONNECTED SPECIALIST DELIVERY

ASI linked the client, site team and plumbing specialists through one coordinated sequence.

VERIFIED REPAIR PERFORMANCE

The replacement pipework was tested, with no leaks observed at the time of testing.

ONE ACCOUNTABLE PARTNER.
FROM INVESTIGATION THROUGH TESTED REPAIR.

DELIVERY RESULT

For facilities managers, ASI connects investigation, controlled construction access and specialist trades to resolve difficult site conditions through one accountable partner.

FACING A COMPLEX REPAIR IN AN ACTIVE SITE?

ASICOINC.COM | INFO@ASICOINC.COM

+ FIELD EXECUTION

CONTROLLED OPENINGS. REAL FIELD WORK.

THE HIDDEN CONDITIONS MADE VISIBLE.

Protected wall openings exposed the concealed services. Specialist removal and replacement addressed the damaged piping, with testing and sealed penetrations completing the repair sequence.



PROTECTED WALL OPENING

Retained finishes protected as access was created.



CONCEALED PIPE REPLACEMENT

Targeted removal inside the opened wall.



CONTROLLED INVESTIGATION



REPAIRED VENT AND PENETRATIONS