

# Phase 1 EAST END CONSTRUCTION

## Schedule III

**January 2015 – March 2015**

10R TORA/TODA shortened to allow daytime work beyond 10R departure end.

10R LDA/ASDA: 6,435'

10R TORA/TODA: 5,735'

28L LDA: 6,611'

28L ASDA/TORA/TODA: 6,611'

# Phase 1, Schedule III

**January 2015 – March 2015**

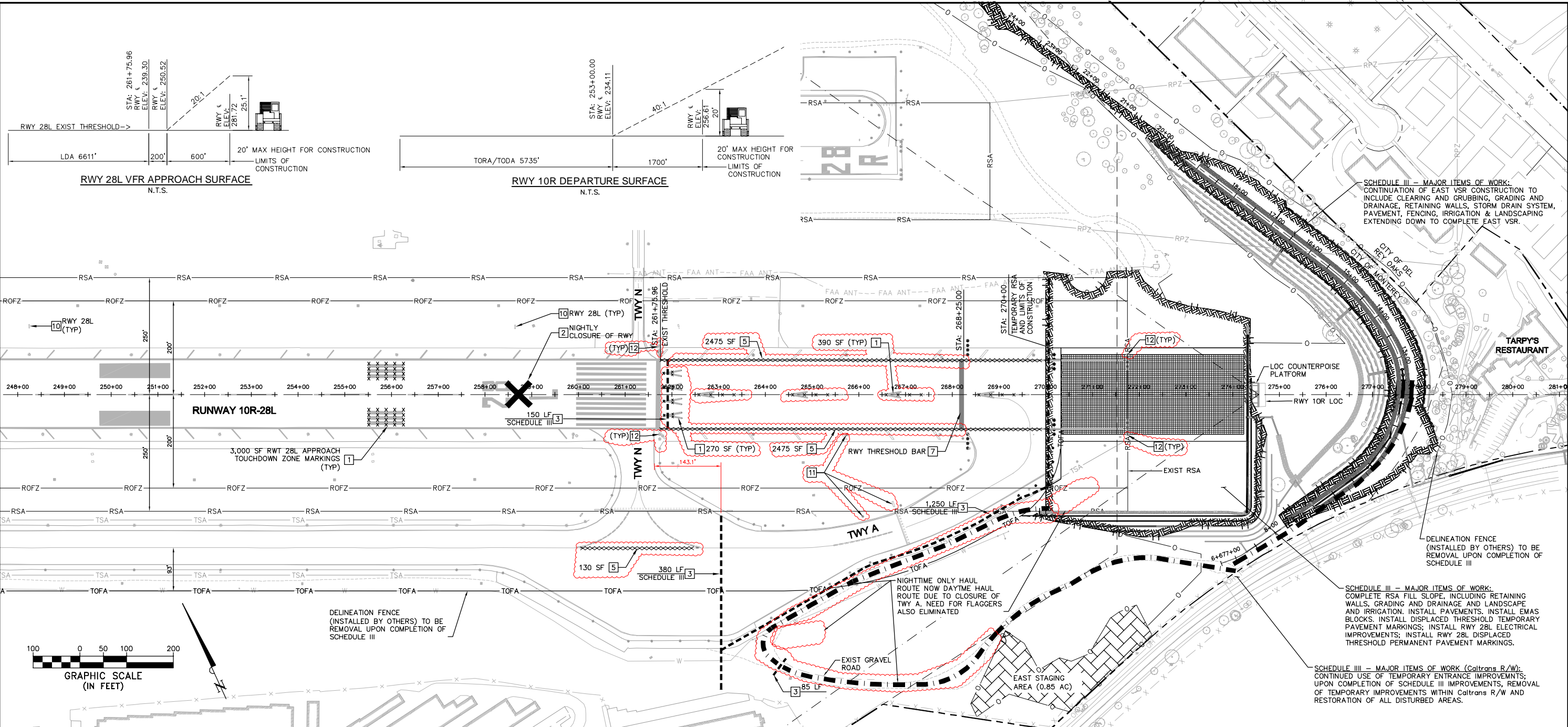
Nighttime runway closures (11:30 PM – 5:30 AM)

10R ILS Approach (GS & LOC) out of service

Anticipated date of new procedures publication:  
4/30/15

NO.	DATE	REVISION	BY	APPD.

NO.	DATE	REVISION	BY	APPD.



### GENERAL NOTES

- THE EXACT LOCATION AND LIMITS OF THE TYPE 1 LOW PROFILE BARRICADES AS SHOWN ON THIS SHEET MAY BE MODIFIED IN THE FIELD BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- RUNWAY 10R-28L AND ALL OTHER NON-MOVEMENT AND MOVEMENT AREAS WITHIN THE AOA WHICH ARE NOT DESIGNATED TO BE CLOSED TO AIRCRAFT TRAFFIC, SHALL REMAIN OPEN TO AIRCRAFT OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL INSTALL RUNWAY AND TAXIWAY PAVEMENT MARKINGS IN COMPLIANCE WITH ADVISORY CIRCULARS 150/5370-2F AND 150/5340-1K PRIOR TO OPENING RUNWAY 10R-28L TO AIRCRAFT LANDING AND TAKE-OFF OPERATIONS. AS A MINIMUM FOR SAFE RUNWAY OPERATIONS MARKINGS SHALL INCLUDE: RUNWAY DESIGNATION; DISPLACED THRESHOLD BAR AND ARROWHEADS; RUNWAY CENTERLINE; RUNWAY EDGE MARKINGS; DEMARCATION BAR AND ARROWHEADS (IN VFR CONDITION); RUNWAY AIMING POINTS; RUNWAY TOUCHDOWN MARKINGS; AND ALL TAXIWAY LEAD-IN LINES.
- DECLARED DISTANCES FOR RUNWAY 10R LENGTHS DURING CONSTRUCTION ARE AS FOLLOWS:

	ASDA	TORA	TODA
6,435 FT	6,433 FT	5,735 FT	5,735 FT
- DECLARED DISTANCES FOR RUNWAY 28L LENGTHS DURING CONSTRUCTION ARE AS FOLLOWS:

	ASDA	TORA	TODA
6,611 FT	6,611 FT	6,611 FT	6,611 FT
- ALL STATION AND OFFSETS ARE TAKEN FROM RUNWAY 10R-28L CENTERLINE.

### PHASING CONSTRUCTION/DEMOLITION NOTES:

- ITEMS TO BE TEMPORARILY INSTALLED, AND MARKINGS TO BE OBLITERATED.
- OBLITERATE EXISTING PAVEMENT MARKINGS
  - LIGHTED "X" RUNWAY CLOSURE SIGNAL  
SEE DETAIL 2 ON SHEET CPD-0.2
  - TYPE 1 LOW PROFILE BARRICADE (LENGTH PER PLAN)  
SEE DETAIL 1 ON SHEET CPD-0.2
  - TEMPORARY PAVEMENT MARKING (P-620)
  - BLACK OUT EXISTING PAVEMENT MARKINGS
  - FLAGGER CONTROLLED CROSSING
  - PAVEMENT MARKING TAPE  
(PAVEMENT MARKING AS NOTED)
  - COVER EXISTING RDR SIGNS
  - COVER OR DE-ENERGIZE EXISTING RUNWAY EDGE LIGHTS, RUNWAY END LIGHTS, TAXIWAY EDGE LIGHTS, AND DIRECTIONAL SIGNS
  - EXISTING THRESHOLD LIGHTS TO BE REMOVED AND SALVAGED, EXISTING RUNWAY END LIGHTS TO BE RELOCATED TO THRESHOLD LOCATION ON EXISTING CANS, RUNWAY END LIGHTS LENSES TO BE RECONFIGURED FROM RED/RED TO RED (WEST)/GREEN (EAST) BY MPAD PERSONNEL. CONTRACTOR TO COORDINATE WITH MPAD PRIOR TO START OF WORK DURING SCHEDULE III PRE-PHASE CONSTRUCTION MEETING

### CONTRACTOR RESTRICTIONS AND LIMITATIONS

- ALL WORK NECESSARY FOR CHANGING RUNWAY 28L TO A VFR RUNWAY INCLUDING: TEMPORARY PAVEMENT MARKINGS FOR THE DEMARCATION BAR AND ARROWS AND THE MODIFIED TAXIWAY LEAD-IN LINE AND TAXIWAY EDGE MARKINGS; THE BLACK OUT OF EXISTING RUNWAY EDGE STRIPS; THE OBLITERATION OF EXISTING RUNWAY DISPLACED THRESHOLD ARROW AND TAIL MARKINGS AND THE TAXIWAY CENTERLINE AND EDGE MARKINGS; AND THE ENERGIZING OF THE TEMPORARY RELOCATED DISPLACED THRESHOLD LIGHTS AND TEMPORARY REIL'S SHALL BE COMPLETED DURING ONE (1) NIGHT-TIME CLOSURE OF RUNWAY 10R-28L.
- INSTALLATION AND SUBSEQUENT REMOVAL OF PAVEMENT MARKING TAPE FOR RNAV FLIGHT CHECK SHALL BE COMPLETED IN ONE NIGHT-TIME CLOSURE OF RUNWAY 10R-28L.
- CONSTRUCTION EQUIPMENT, PERSONNEL, AND MATERIAL CANNOT PENETRATE THE RWY 28L APPROACH SURFACE WHEN RUNWAY IS OPERATIONAL.
- CONSTRUCTION EQUIPMENT, PERSONNEL, AND MATERIAL CANNOT PENETRATE THE RWY 10R DEPARTURE SURFACE WHEN RUNWAY IS OPERATIONAL.
- MINIMUM WINGTIP CLEARANCE FOR TDG 3 OF 34-FT MUST BE MAINTAINED WHEN RUNWAY IS OPERATIONAL.
- CONSTRUCTION EQUIPMENT, PERSONNEL, AND MATERIAL CANNOT PENETRATE THE TAXIWAY 'A' OFA WHEN TAXIWAY IS OPERATIONAL.
- WHEN RUNWAY 10R-28L IS CLOSED, CITY OF MONTEREY NOISE RESTRICTIONS APPLY.
- GRADING WITHIN RSA MUST BE IN COMPLIANCE WITH FAA ADVISORY CIRCULAR 150/5370-2 (LATEST EDITION) TO PERMIT DAYTIME USE OF RUNWAY.
- DURING EMAS INSTALLATION, INDIVIDUAL ROWS OF BLOCKS MUST BE COMPLETED AT THE END OF EACH WORK SHIFT. PARTIALLY COMPLETED ROWS WILL NOT BE ALLOWED.
- UPON COMPLETION OF THE EMAS BLOCKS, THE INSTALLATION OF THE PAVEMENT MARKINGS FOR THE RUNWAY 28L DISPLACED THRESHOLD FINAL CONFIGURATION SHALL BE COMPLETED DURING ONE (1) NIGHT-TIME CLOSURE OF RUNWAY 10R-28L. MINIMUM PAVEMENT MARKINGS SHALL INCLUDE: RUNWAY DESIGNATION; THRESHOLD BAR AND ARROWHEADS; DISPLACED THRESHOLD ARROWHEAD AND MARKINGS; RUNWAY CENTERLINE; AND THE OBLITERATION OF ALL TEMPORARY PAVEMENT MARKINGS. ALL MARKINGS TO COMPLETE THE RUNWAY PAVEMENT MARKING SHALL BE CARRIED OUT DURING SUBSEQUENT RUNWAY NIGHTLY-CLOSURES.

### MAJOR WORK ITEMS FOR THIS SCHEDULE

- AIRFIELD IMPROVEMENTS:**
- TEMPORARY PAVEMENT MARKINGS FOR ALIGNED TAXIWAY PROCEEDING RUNWAY 28L VFR APPROACH INCLUDING TAXIWAY CENTERLINE AND EDGE MARKINGS, RUNWAY DEMARCATION BAR AND ARROWS; BLACK OUT OF EXISTING RUNWAY EDGE STRIPS; OBLITERATION OF EXISTING RUNWAY DISPLACED THRESHOLD MARKING ARROW AND TAIL; DE-ENERGIZING THE RUNWAY LIGHTS AND SIGNS FOR THE ALIGNED TAXIWAY; COVER RWY 28L DEPARTURE RDR'S; INSTALLATION OF PAVEMENT MARKING TAPE FOR RNAV FLIGHT CHECK, AND REMOVAL OF THE MARKING TAPE UPON COMPLETION OF THE FLIGHT CHECK.
  - RUNWAY 28L APPROACH RSA FILL SLOPE COMPLETION; EXISTING PAVEMENT REMOVAL; FINAL GRADING AND DRAINAGE; RUNWAY MILL AND FILL; EMAS ANCHOR BEAM INSTALLATION; EMAS BED PAVEMENT INSTALLATION; EMAS BLOCKS INSTALLATION; INSTALLATION OF THE RUNWAY END LIGHTS AND APPURTENANCES; RECONFIGURING TAXIWAY 'A' EDGE LIGHTS
  - INSTALLATION AND SUBSEQUENT REMOVAL OF PAVEMENT MARKING TAPE FOR RNAV FLIGHT CHECK.
  - REMOVAL OF ALL TEMPORARY MARKINGS; INSTALLATION OF TEMPORARY PAVEMENT MARKINGS IN THE FINAL RUNWAY CONFIGURATION; ENERGIZING OF FINAL RUNWAY AND TAXIWAY AIRFIELD LIGHTS.
  - COORDINATION ON THE INSTALLATION OF NEW PAPI AND REIL'S FOR RUNWAY 28L APPROACH AND THE FAA FLIGHT CHECK (INSTALLATION OF PAPI'S AND REIL'S ARE NOT PART OF THIS CONTRACT).
  - WHERE MARKINGS ARE LOCATED ON NEW PAVEMENT THE FINAL PAVEMENT MARKING APPLICATION SHALL BE INSTALLED AFTER THE PAVEMENT CURE PERIOD OF 30 DAYS HAS ELAPSED.
  - EXISTING RUNWAY EDGE LIGHTS TO BE TEMPORARILY RECONFIGURED FROM WHITE/WHITE TO AMBER (WEST)/WHITE (EAST) BY MPAD PERSONNEL. SEE RE-ISSUED SHEET E-1.3 FOR DETAILS.

**SCHEDULE III - MAJOR ITEMS OF WORK:**  
CONTINUATION OF EAST VSR CONSTRUCTION TO INCLUDE CLEARING AND GRUBBING, GRADING AND DRAINAGE, RETAINING WALLS, STORM DRAIN SYSTEM, PAVEMENT, FENCING, IRRIGATION & LANDSCAPING EXTENDING DOWN TO COMPLETE EAST VSR.

**SCHEDULE III - MAJOR ITEMS OF WORK:**  
COMPLETE RSA FILL SLOPE, INCLUDING RETAINING WALLS, GRADING AND DRAINAGE AND LANDSCAPE AND IRRIGATION; INSTALL PAVEMENTS; INSTALL EMAS BLOCKS; INSTALL DISPLACED THRESHOLD TEMPORARY PAVEMENT MARKINGS; INSTALL RWY 28L ELECTRICAL IMPROVEMENTS; INSTALL RWY 28L DISPLACED THRESHOLD PERMANENT PAVEMENT MARKINGS.


**SCHEDULE III - MAJOR ITEMS OF WORK (Caltrans R/W):**  
CONTINUED USE OF TEMPORARY ENTRANCE IMPROVEMENTS; UPON COMPLETION OF SCHEDULE III IMPROVEMENTS, REMOVAL OF TEMPORARY IMPROVEMENTS WITHIN Caltrans R/W AND RESTORATION OF ALL DISTURBED AREAS.



**MONTEREY PENINSULA AIRPORT DISTRICT  
RUNWAY 10R-28L  
SAFETY AREA IMPROVEMENTS  
AIP NO.: 3-06-0159-58**

**CONSTRUCTION PHASING PLAN  
PHASE 1  
SCHEDULE III**

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