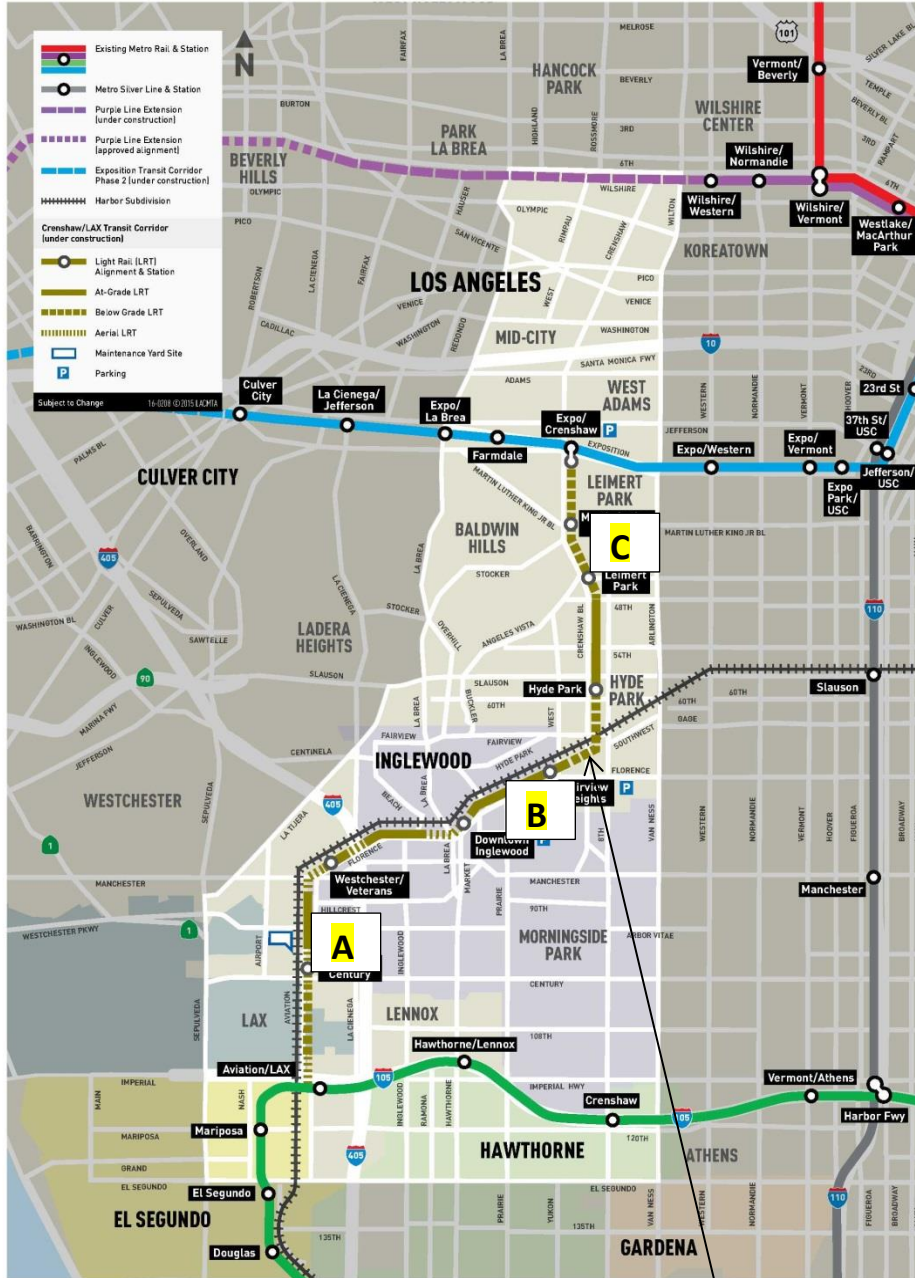


CRENSHAW/LAX PHOTOGRAPHIC UPDATE

October 30, 2020

Crenshaw/LAX Transit Project



- 8.5 miles Light Rail
- 8 Stations
- \$2,058.0 Million (Board approved revised LOP)

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Overview of trackwork progress issues for 10/1 – 10/15
(Please note the attached Trackwork Progress Tracking Report)

Trackwork continues with punchlist and rework activities. Both DF and Ballasted Trackwork that was previously reported as 100% complete may yet require rework. The contractor is in the process of analyzing, planning, and executing the repair and rework required throughout the guideway limits. Remaining incomplete trackwork activities progress will be reported upon the execution of planned rework.

Current Issues:

General Notes:

Repair of plinth gap to invert continues at the Green Line Bridge, Century Bridge, I-405 Bridge, UG3, and UG4 per NCR-A-111;

Jet Grouting of Wall #202 continues.

Replacement of damaged switch points continues throughout Segment B1.

Previous Issues unresolved:

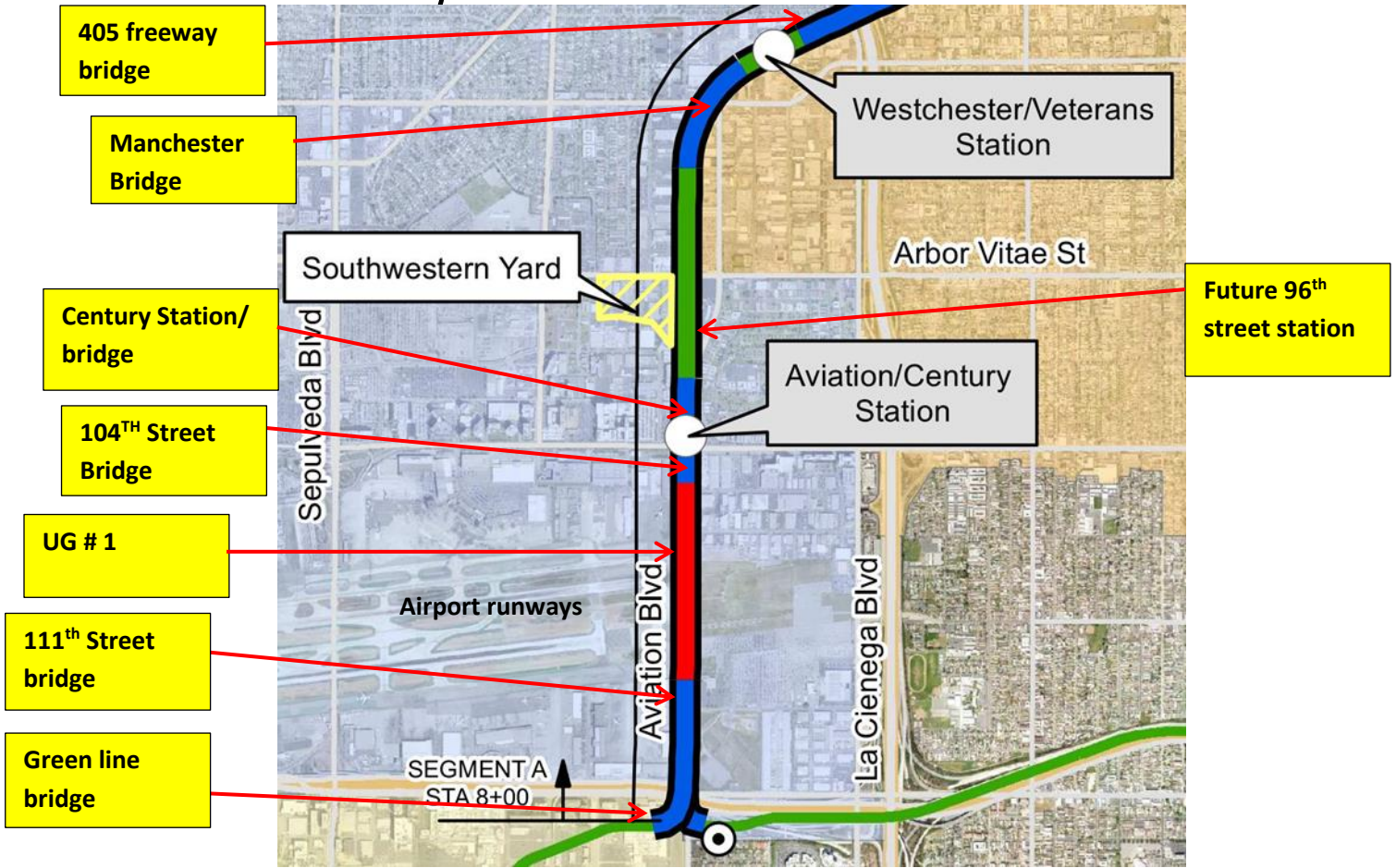
No Unresolved issues as this time.

GREEN LINE TIE-IN:

- Green Line Cutover work is completed at this time. Additional coordination is required.

Segment A

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



SEGMENT A:

- Rework of plinth gap to invert continues throughout the Segment resetting and adjusting fasteners and sealing plinth to invert joints.
- Punchlist walk with WSCC QC Inspector continues to review current completion status.
- Disturbed ballast due to systems electrical conduit relocations continues to be repaired and re-dressed.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Guideway- WSCC/LKC personal at GL Wye for MPF repair work on plinth (looking south)
Rework



Guideway- WSCC using hand grinder to shave down switch machine plinth, to clear point
protector rod at GL Wye Rework

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG1- Emergency walkway crossing foundation showing adequate stirrup & elongated reinforced rebar prior to placing concrete into foundation UG1 NB track STA 56+50 Rework



UG1- WSCC placing concrete for newly re-located Emergency Walkway Crossing foundations UG1 NB track STA 56+50 (looking northeast) Rework

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG1- UG1 NB track STA 56+50 WSCC preparing to bush & butter top of Emergency Walkway Crossing foundations (looking north) Rework.

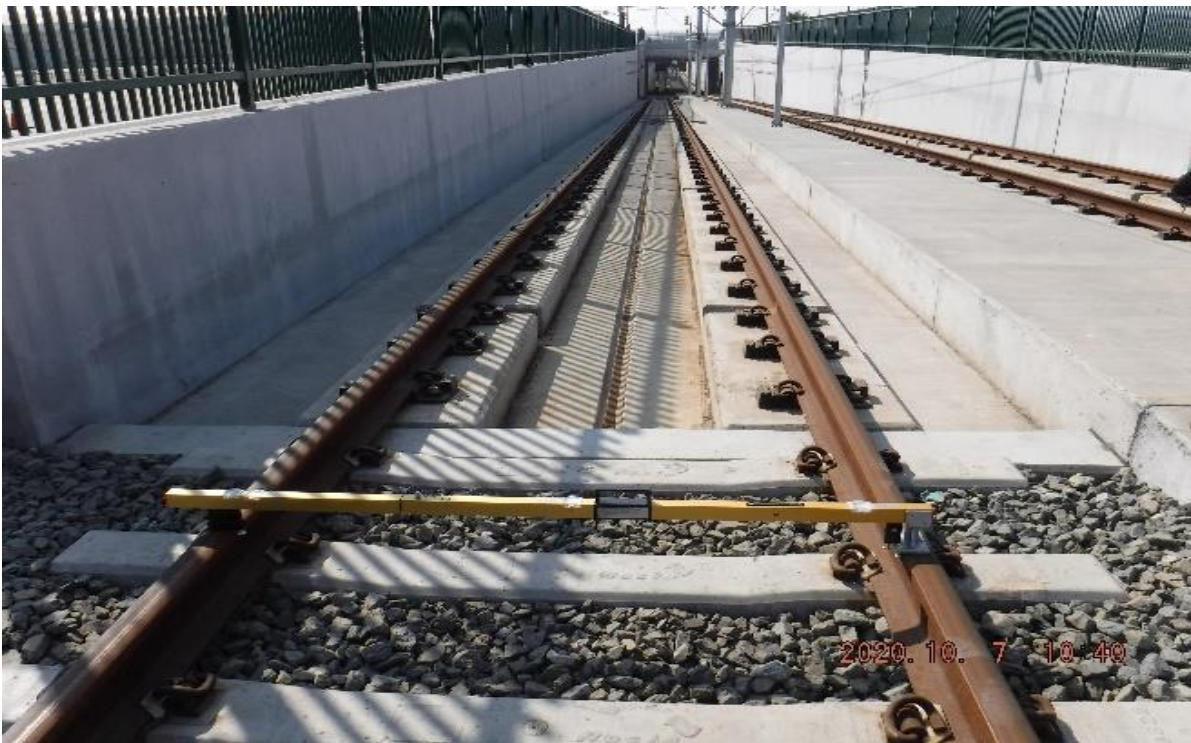


UG1- UG1 NB track STA 56+50 Emergency Walkway Crossing foundation on-going repair work for re-location on crossing (looking east) Rework.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG1- Field walk with Metro CM team at UG1 south portal SB track STA 281+90 to evaluate cut & cover wall (looking north)

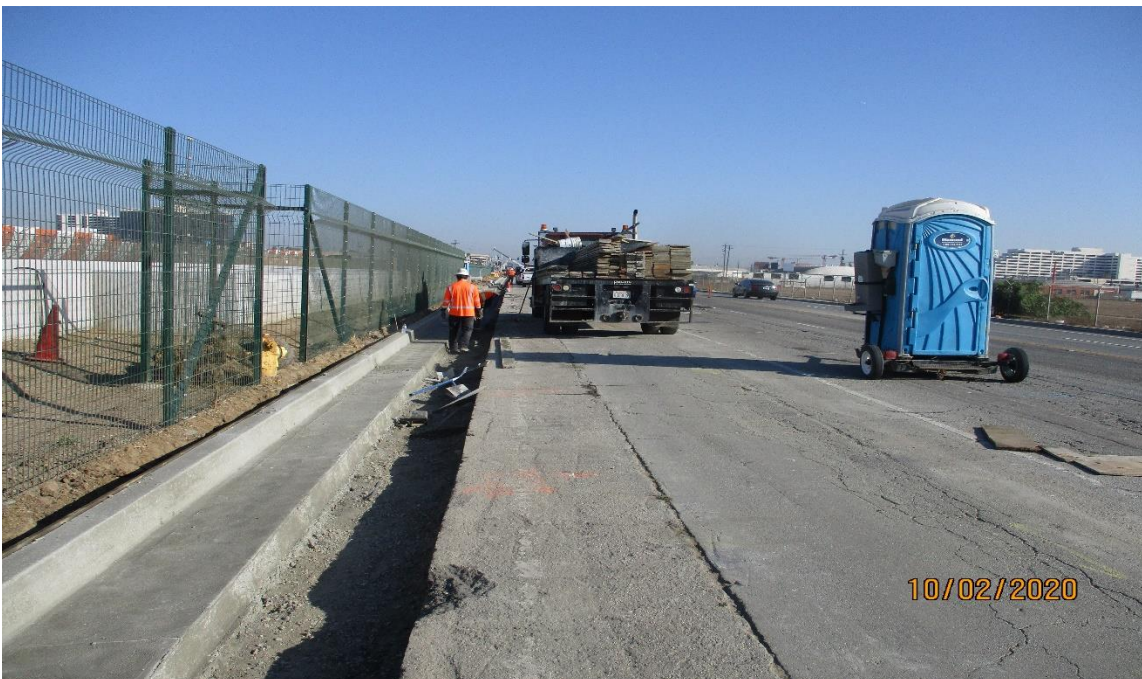


UG1- STA 59+50 TK#4/NB looking south – checking track geometry north end of UG1 (Aviation)

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY - Saw cutting to remove some curb and gutter on Aviation.



AVIATION/CENTURY- Removing forms from yesterday's curb and gutter concrete placement on Aviation.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Curb and gutter removal on Aviation.



AVIATION/CENTURY- WSCC Slot paved along gutter out 104th to S/end of UG-1 on S/B Aviation.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- SCI Removed all stripping on S/B Aviation from 104th to 111th ST.



AVIATION/CENTURY- Daylighting a foundation in conflict with the traffic signal conduit on the NEC of Century and Aviation.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

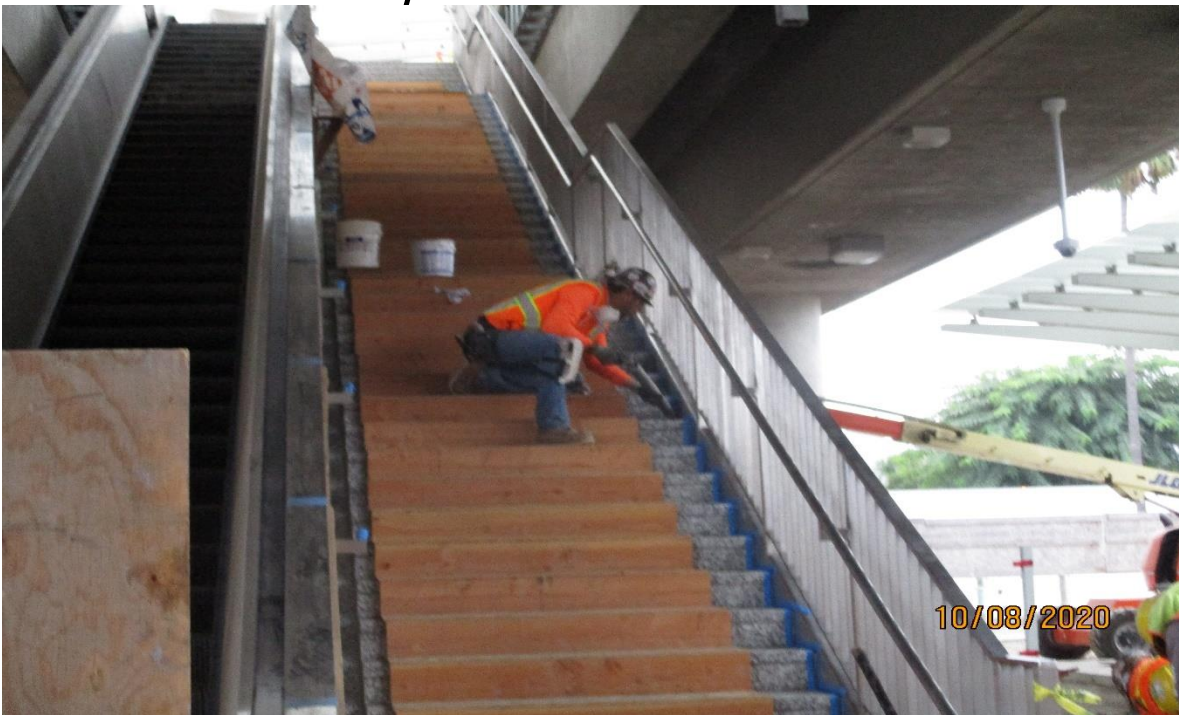


AVIATION/CENTURY- WSCC & Metro CM field walk on Century/Aviation OP NB track at 10K1LHXO.

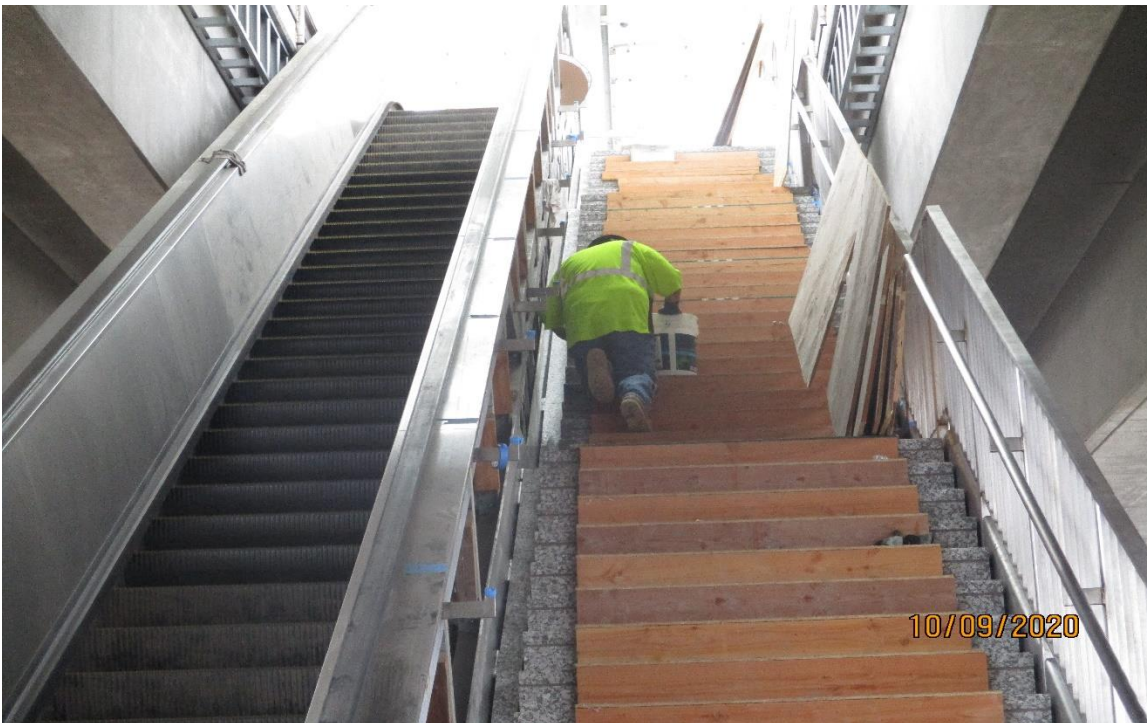


AVIATION/CENTURY- Metro QA track inspector verifying track cross level & gauge on SB track on Century/Aviation OP. Part of field walk (looking northeast)

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Caulking the marble tile pavers at the Aviation Station.



AVIATION/CENTURY- Caulking the marble tile stairs at the Aviation Station.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Concrete construction removal at Aviation and Century.



AVIATION/CENTURY- Trenching for the traffic loop stub out at Aviation and Century.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Drilling holes for the stainless steel cladding that mounts on the Aviation Station platform columns

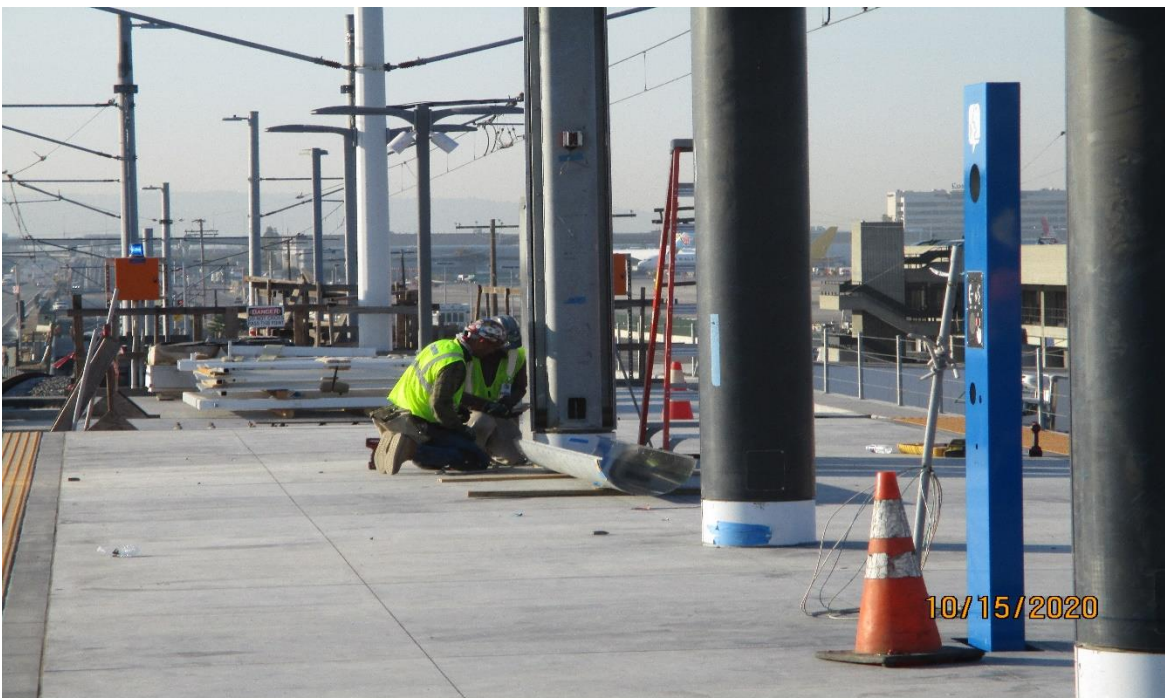


AVIATION/CENTURY- Fire alarm strobe light installation at the Aviation Station ticket kiosk.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Fire alarm strobe light installation at the Aviation Station ticket kiosk.

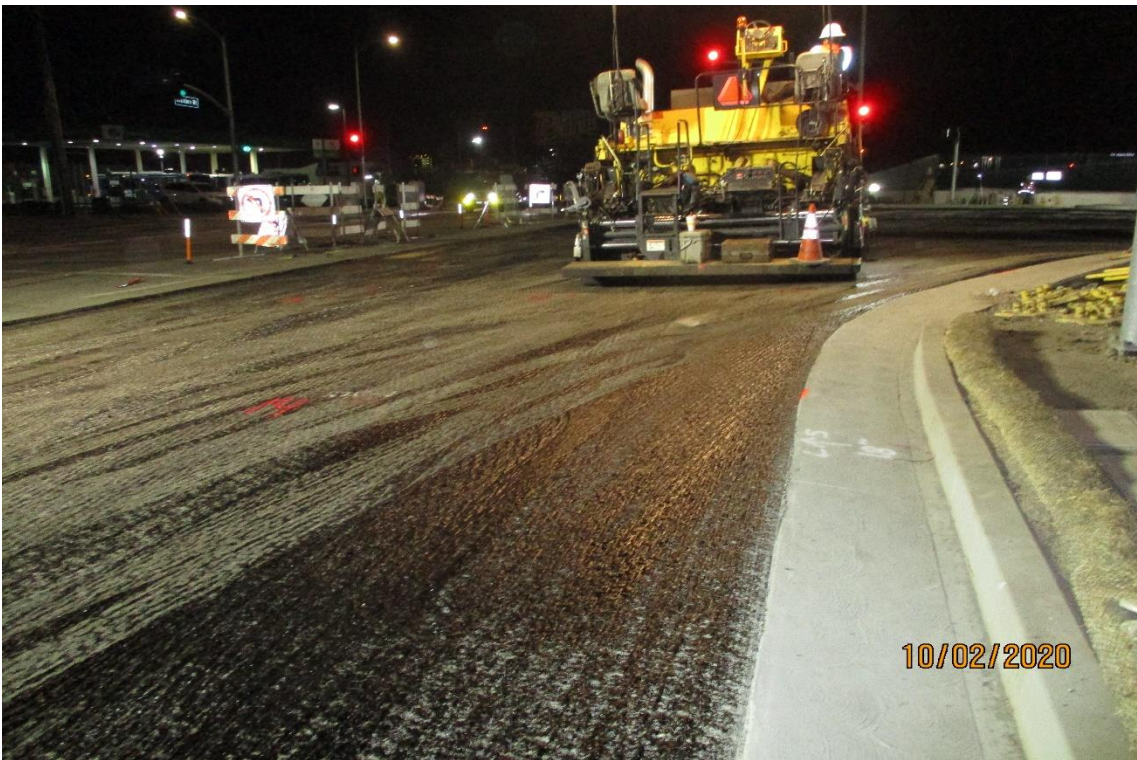


AVIATION/CENTURY- Stainless steel cladding installation at the Aviation Station platform.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



104th street- Wiring the traffic signal lights at 104th street.



104th street- Tack coat placed prior to AC laydown at 104th street.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



104th street- Placing the base course of AC on 104th street.

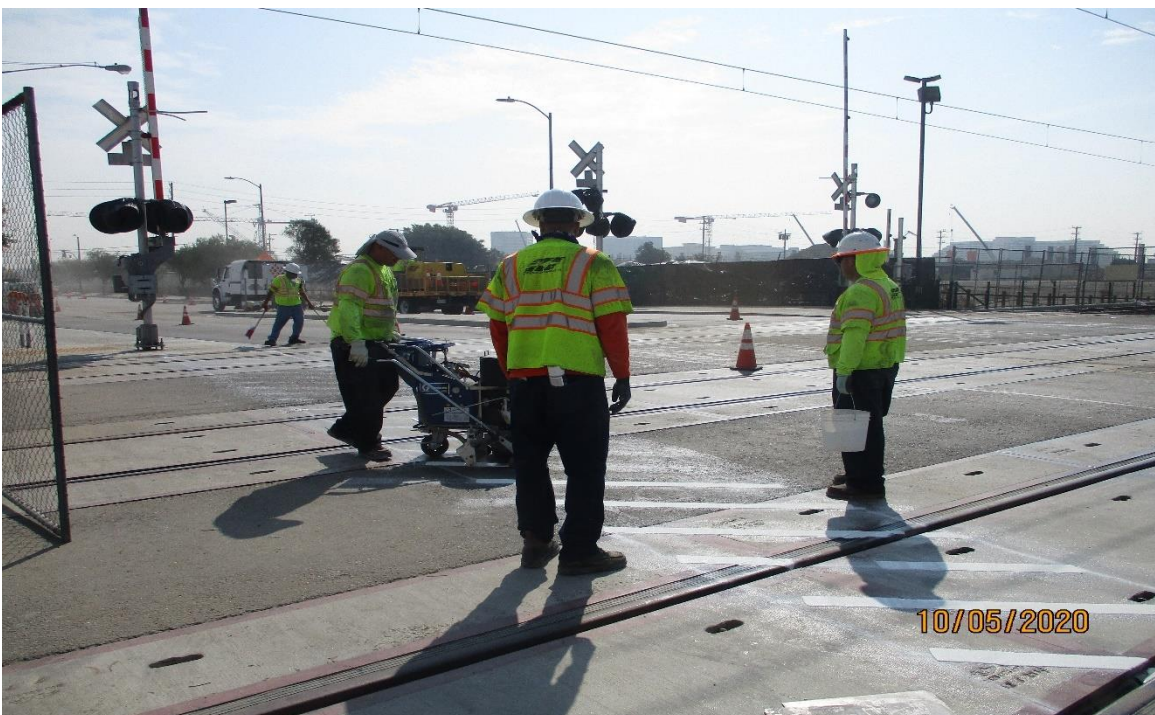


104th street- Cutting vehicle detection loops on Aviation near 104th street.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Arbor Vitae- Grinding off the temporary stripping on Arbor Vitae.

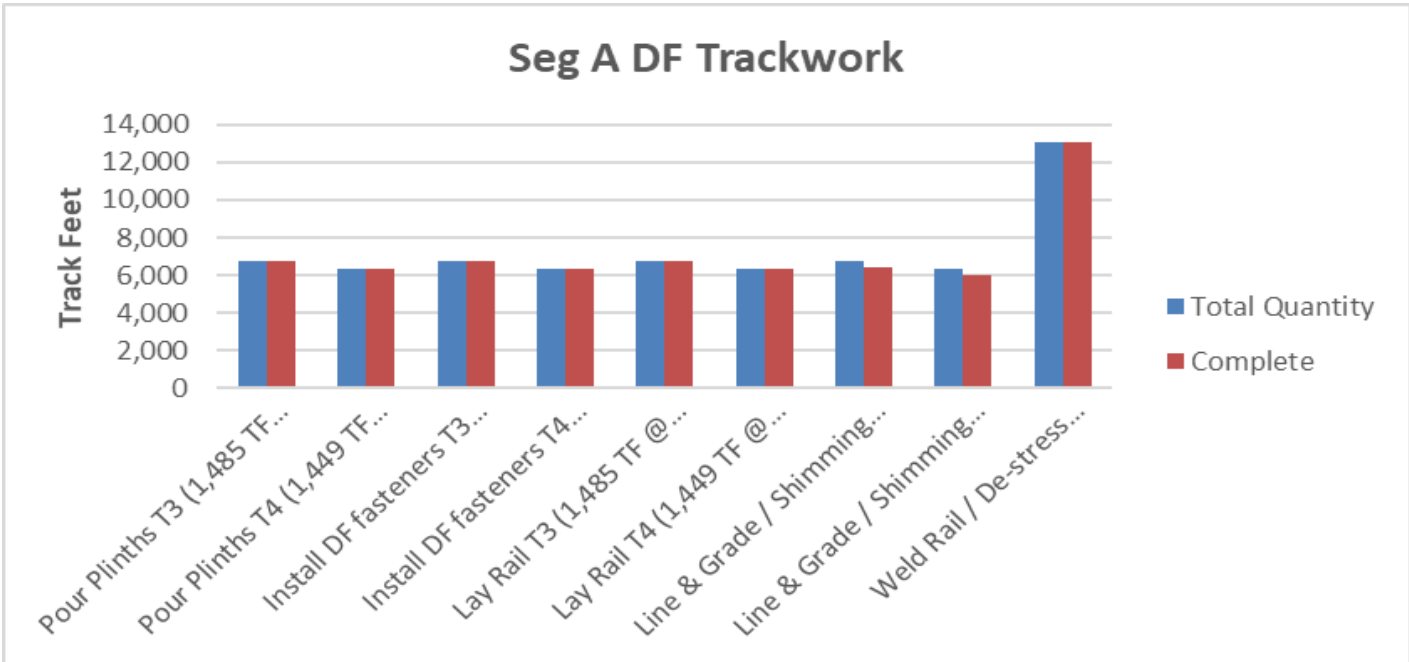
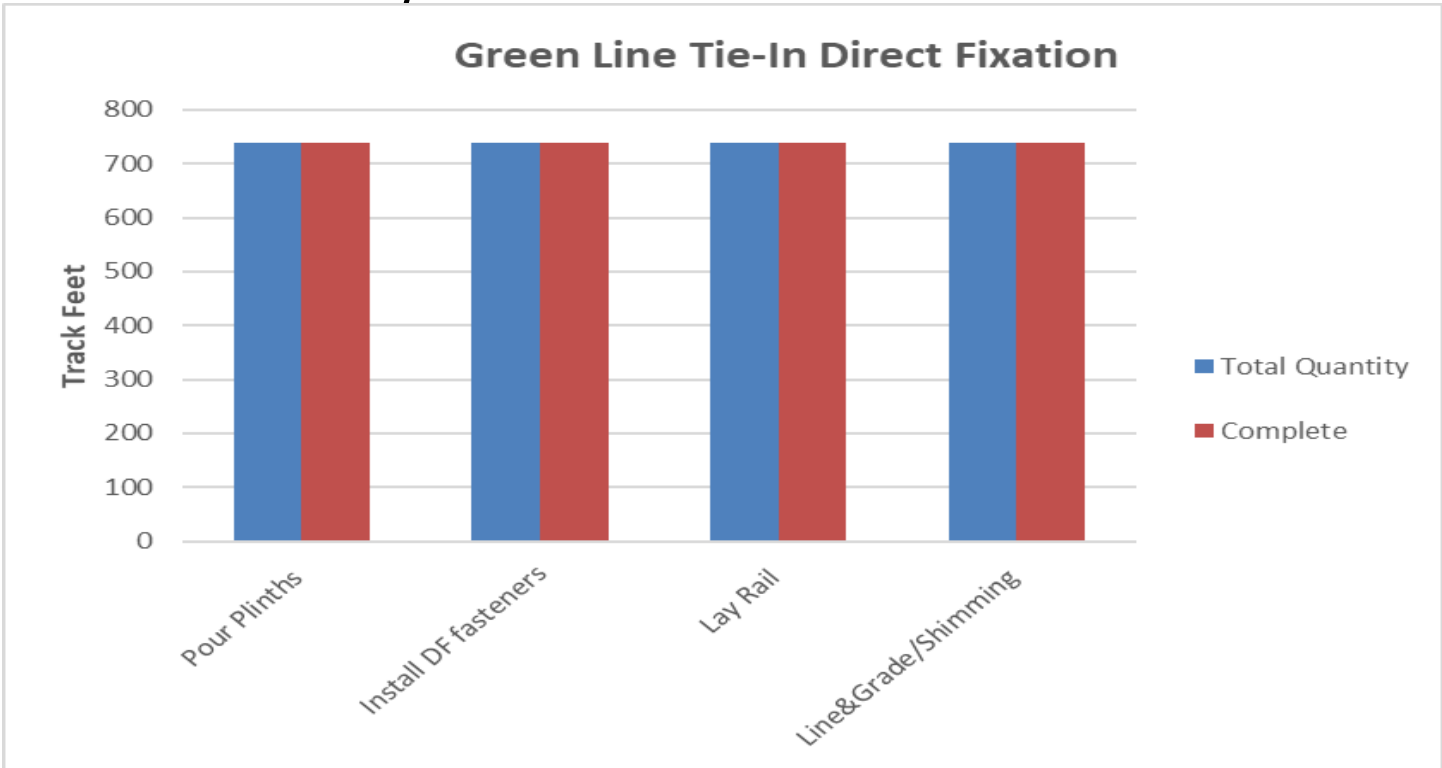


Arbor Vitae- Permanent striping at the Arbor Vitae crossing.

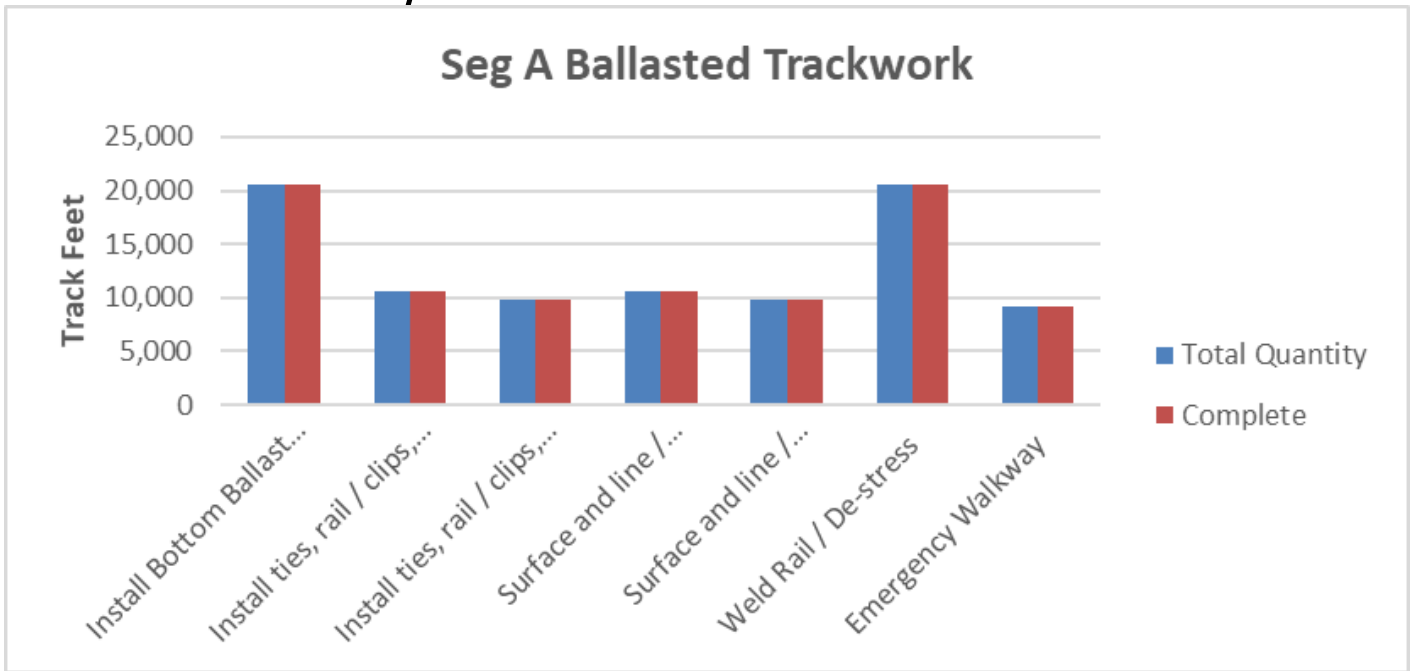
CRENSHAW/LAX PHOTOGRAPHIC UPDATE

PROJECT WIDE TRACKWORK PROGRESS									
	TRACK TYPE	ACTIVITY	TRACK FEET/QUANTITY	INSTALLED TO DATE	REMAINING	ACTIVITY % PROGRESS	Potential Rework *	Punchlist ** (Complete/Incomplete)	
GREENLINE TIE-IN	DIRECT FIXATION	Pour Plinths	738	738	0	100.00%			
		Install DF fasteners	738	738	0	100.00%			
		Lay Rail	738	738	0	100.00%			
		Line&Grade/Shimming	738	738	0	100.00%			
		Weld Rail/ Destress							
		Emergency Walkway	4	4	0	100.00%		INC	
	SPECIAL TRACKWORK	Acceptance for turnover to subcontractors	yes/no	yes					
		DF Double Crossovers (Diamond XING 1 & 2)	2	2	0	100.00%			
		Line & Grade / Shimming	2	2	0	100.00%			
		DF Single Crossovers (A/F, B/E, C/F, D/E)	4	4	0	100.00%			
		Line & Grade / Shimming	4	4	0	100.00%			
		Thermite Welds	40	40	0	100.00%			
		Insulated Joints (IJ's)	28	28	0	100.00%	*		
		Acceptance for turnover to subcontractors	yes/no	yes					
SEGMENT A	DF (13,089 TF include 395 TF of K1/K2 XO)	Pour Plinths T3 (1,485 TF @ wye + 4,884 TF + 395 TF K1/K2 XO) <i>(Insert rework continues)</i>	6,763	6,763	0	100.00%	*		
		Pour Plinths T4 (1,449 TF @ wye + 4,877 TF) <i>(Insert rework continues)</i>	6,326	6,326	0	100.00%	*		
		Install DF fasteners T3 (1,485 TF @ wye + 4,884 TF + 395 TF K1/K2 XO)	6,763	6,763	0	100.00%	*		
		Install DF fasteners T4 (1,449 TF @ wye + 4,877 TF)	6,326	6,326	0	100.00%	*		
		Lay Rail T3 (1,485 TF @ wye + 4,884 TF + 395 TF K1/K2 XO)	6,763	6,763	0	100.00%			
		Lay Rail T4 (1,449 TF @ wye + 4,877 TF)	6,326	6,326	0	100.00%			
		Line & Grade / Shimming T3 (1,485 TF @ wye + 4,884 TF + 395 TF K1/K2 XO)	6,763	6,425	338	95.00%			
		Line & Grade / Shimming T4 (1,449 TF @ wye + 4,877 TF)	6,326	6,010	316	95.00%			
		Weld Rail / De-stress (Rework complete)	13,089	13089	0	100.00%	*		
		Emergency Walkway							
	Acceptance for turnover to subcontractors	yes/no	no						
	BALLASTED TRACKWORK (20,551 TF including grade crossing, Yard Leads & Tail Track)	Install Bottom Ballast (T3+T4, and include SYL, NYL & Tail Track)	20,551	20,551	0	100.00%	*		
		Install ties, rail / clips, top ballast T3 (9,480 TF) + SYL (244 TF) + NYL (937 TF)	10,661	10,661	0	100.00%	*		
		Install ties, rail / clips, top ballast T4 (9,475 TF) + Tail Track (415 TF)	9,890	9,890	0	100.00%	*		
		Surface and line / Regulate T3 + SYL + NYL	10,661	10,661	0	100.00%	*	INC	
		Surface and line / Regulate T4 + Tail Track	9,890	9,890	0	100.00%	*	INC	
		Weld Rail / De-stress	20,550	20,550	0	100.00%	*	INC	
		Emergency Walkway	9,176	9,176	0	100.00%	*	INC	
		Acceptance for turnover to subcontractors	yes/no	no					
	SPECIAL TRACKWORK	Ballasted Double Crossover (G1/G2, H1/H2)	2	2	0	100.00%			
		DF Single Crossover (K1/K2)	2	2	0	100.00%		*	
		Line & Grade / Shimming	2	0	2				
		Ballasted Single Crossover (I1/IEQ, I2/IEQ, M1/M2, N1/N2)	4	4	0	100.00%			
		Install switches (A,B,C,D,E,F,G1,G2,H1,H2,I1,I2,IEQ,S,N1,N2,M1,M2 = 18)	18	18	0	100.00%			
		Thermite Welds	130	130	0	100.00%			
		Insulated Joints (IJ's)	74	74	0	100.00%		*	
	Acceptance for turnover to subcontractors	yes/no	no						
GRADE X-ING	Construct Crossing (Arbor Vitae, Hindry)	2	2		100.00%				
DF =	Direct Fixation								
T3 =	Track 3								
T4 =	Track 4								
TF =	Track Feet								
*	Potential for rework based on recent guideway survey. Total impact of rework is unknown at this time.								
**	Punchlist Complete/Incomplete: Indicates the completion (COMP) or Incompletion (INC) of identified punchlist items								

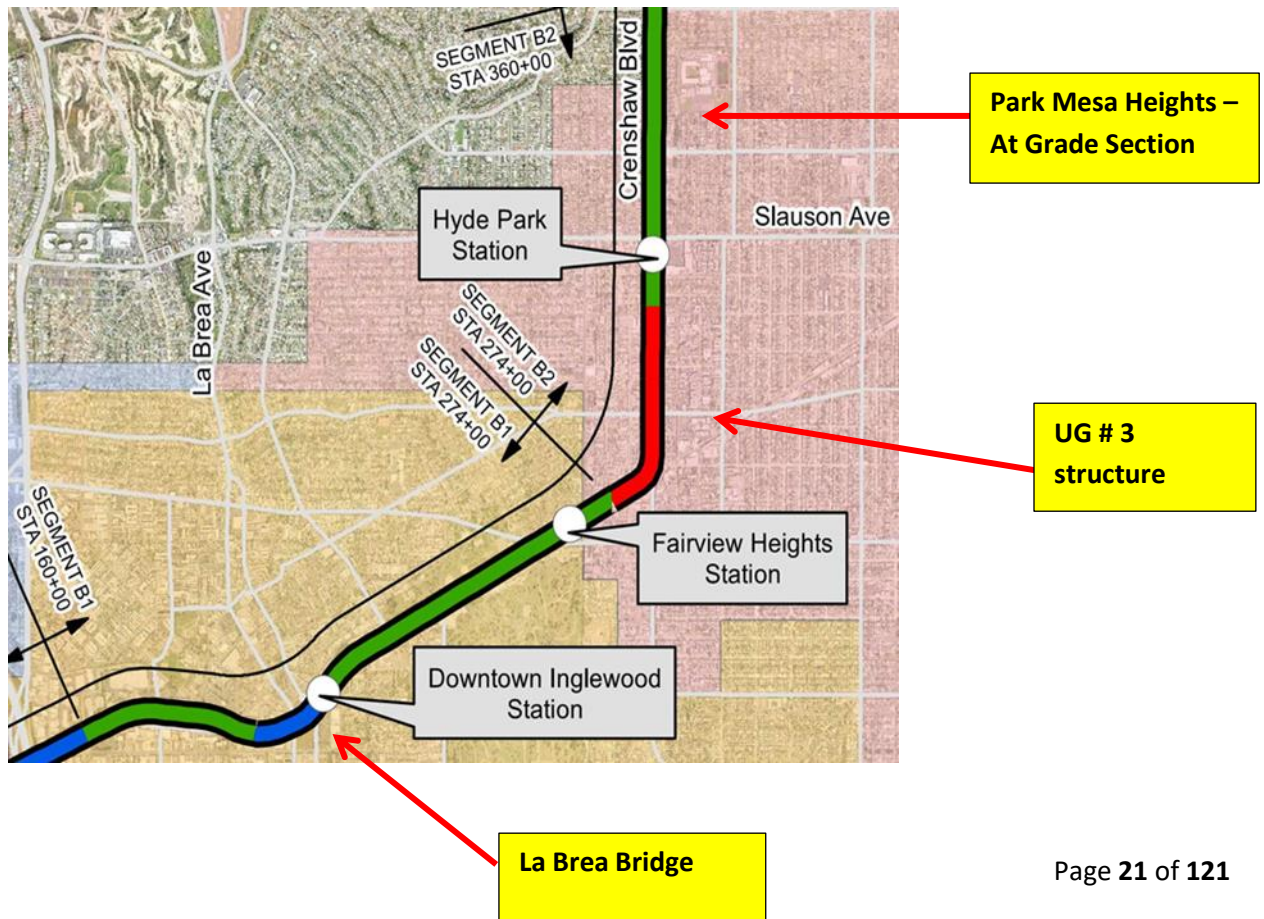
CRENSHAW/LAX PHOTOGRAPHIC UPDATE



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Segment B



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



La Brea – MSE wall 202 La Brea SB track STA 207+50 on-going jet grout operation (looking northwest) Rework NCR B-089.

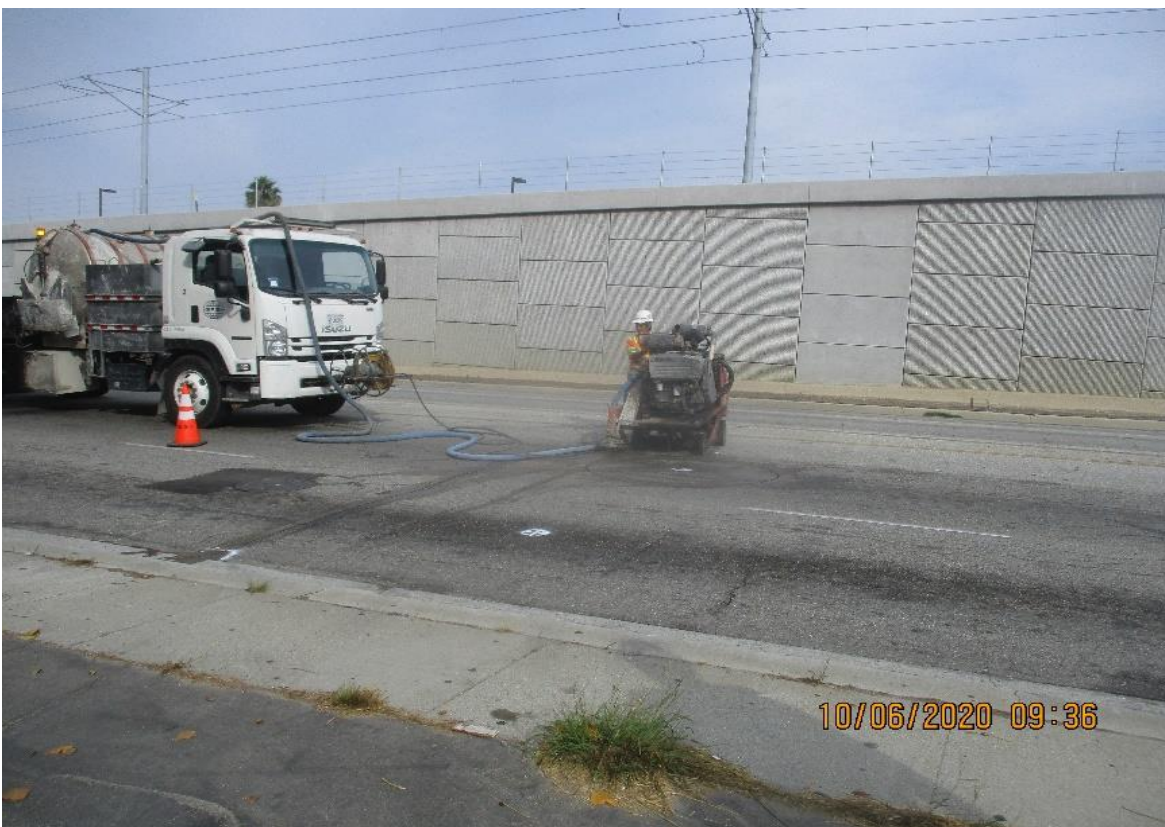


La Brea – McMahan Welding and placing handrails at S/La Brea handy capped ramps.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



La Brea – Ace Fence placing extra strength fence post at wall 202 at La Brea Sta.



La Brea – GRSI Saw cut for and place cable for traffic signal loops at La Brea intersection.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Hindry – Field walk with WSCC & Metro CM personal at Hindry station, evaluating track & overall guideway condition (looking north)

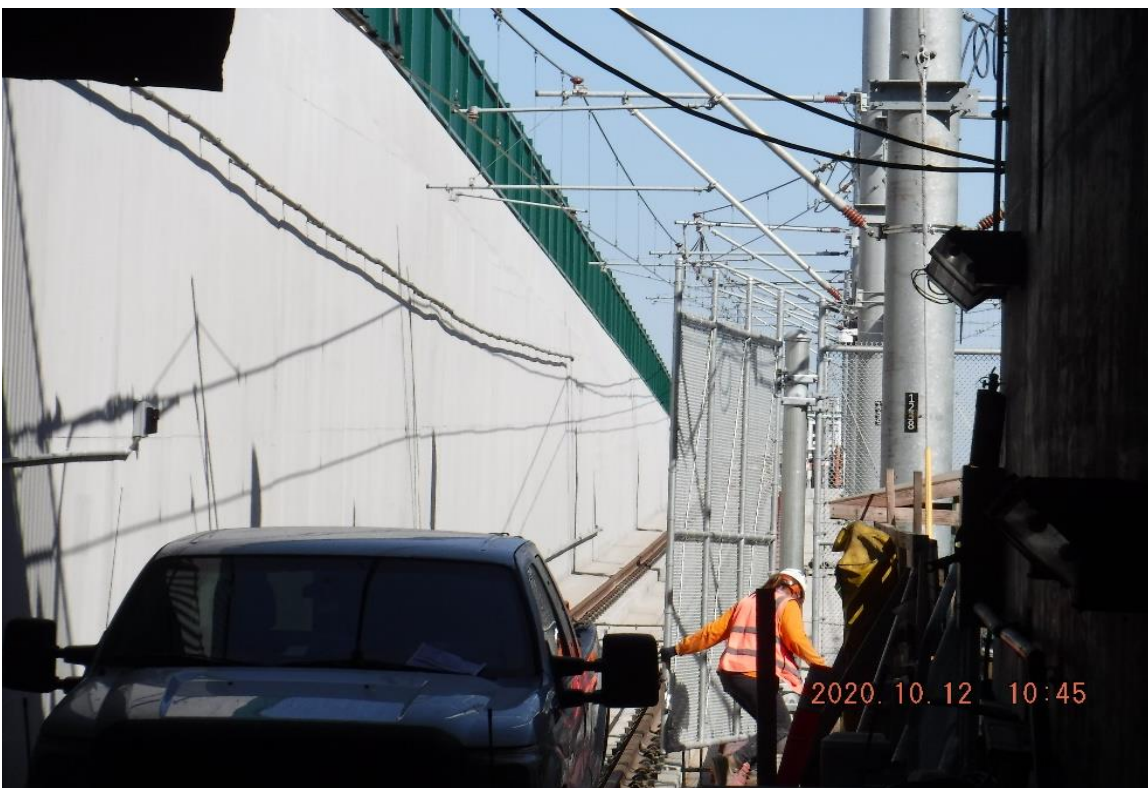


Hindry – Hanging a traffic signal mast arm at Hindry.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

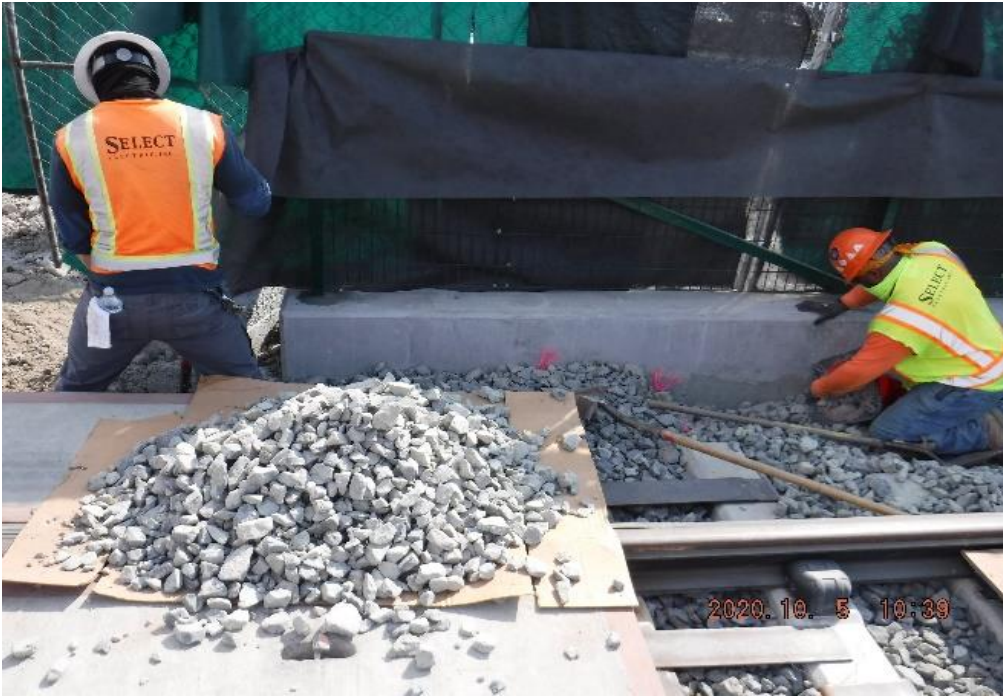


UG3 – STA 311+35 TK#3/SB looking south – invert cleaning UG3 in progress (north portal).



UG3 – STA 311+35 TK#3/SB looking north – UG3 south portal gates adjustment in progress by ACE Fence.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



59th Street – STA 316+78 TK#4/NB looking east – track structure disturbance – 59th St at grade crossing to set conduits for traffic loops



59th Street – STA 316+00 TK#3/SB looking north – form work and conduits set-up for traffic control loops, north end of UG3 at 59th St at grade Xing

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



59th Street – STA 319+16 TK#4/NB looking south – north limit of current track structure disturbance (backfilled) – 59th St at grade crossing to set conduits for traffic loops Slauson.



59th Street – STA 317+70 TK#4/NB looking north – track structure disturbance – 59th St at grade crossing to set conduits for traffic loops .

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon, TC&C Room C112, CTS Rack testing fiber optic (end to end) to SRI intrusion panel at UG4 Sta 371+05.



Crenshaw/Vernon – Vernon, Free Area C129, MTEL-17 Resume rework & rough in stainless steel shroud (No Metro Approval)

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon, Aux power (N) C119 Continued 1-1/4” GRC tie in 18”x18”x12” SCADA PBs MCC2/N to MCC3/N



Crenshaw/Vernon – Vernon Plaza level, continued saw cutting 3/16” expansion joints at architectural concrete & stripping of form work

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon Mechanical room (S) C114 EF-6-8A & 8B, Pipping 1" GRC & 3/4" seal tight for FSD limit switch control wiring.

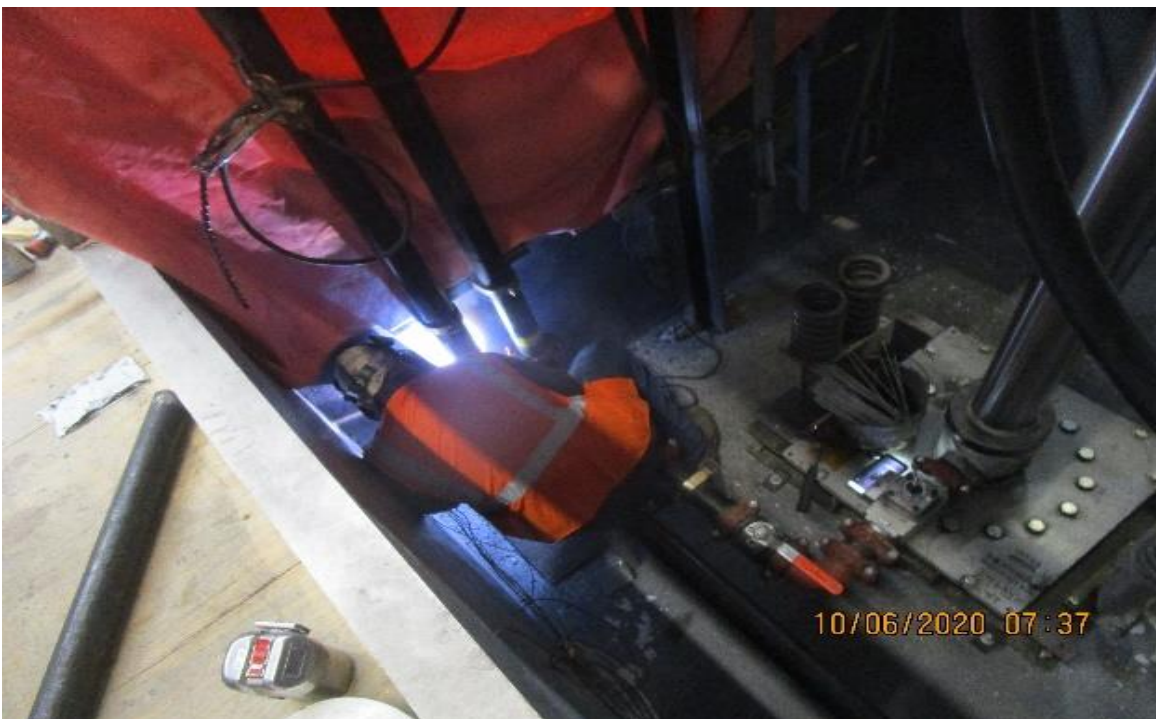


Crenshaw/Vernon – Vernon Plaza, continued pulling (3) #10 XHHW-2 wiring to Pedestrian light standards from embedded PB's.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon Plaza, began installing CCTV Camera support brackets at pedestrians' light standard poles.



Crenshaw/Vernon – Vernon Platform, Elevator 1 & 2 pit, 3" hydraulic fluid feed lines, welding of leaking piping connections

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon Plaza, began terminating #10 XHHW-2 load conductors at pedestrian light standard poles.



Crenshaw/Vernon – Vernon, Ejector room C134, Continued piping (3) 1-1/4" GRC from SE to 24" PB to SE-6-2X control panel.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon Plaza, began installing foreign (made in chine) recessed ramp & stair lighting without UL listing.

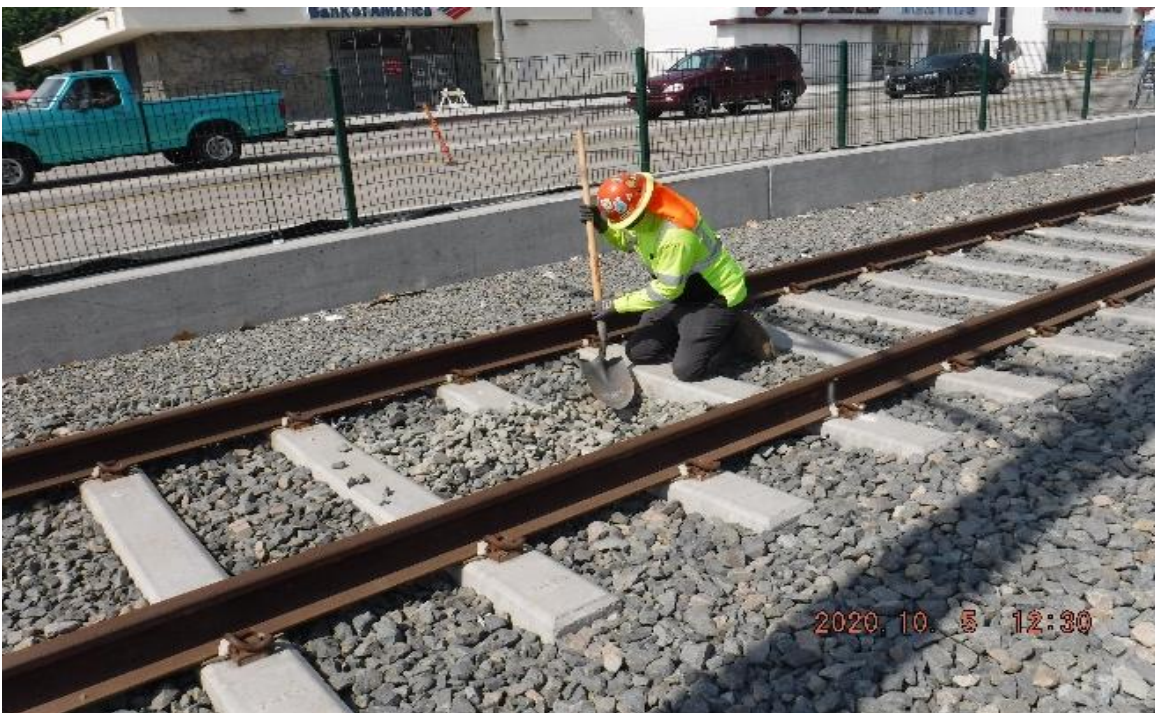


Crenshaw/Vernon – Vernon, above em stair (S) #1 C103 piping 1" GRC & ¾" seal tight conduit to FSD-6-405E & 405F limit switches.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



57th Street – STA 331+15 TK#4/NB looking north – track ballast disturbance in search for traffic loops conduits north of 57th at grade crossing – PUNCH LIST



57th street – STA 331+25 TK#3/SB looking north – track ballast disturbance in search for traffic loops conduits north of 57th at grade crossing

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Placing concrete for new sidewalk and ADA ramp on the northeast corner of 66th St and Crenshaw Blvd.



PARK MESA – Excavating for Storm Drain Line F on the northeast corner of Crenshaw Blvd and 60th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Continue excavating for Storm Drain Line F on the northeast corner of Crenshaw Blvd and 60th St.



PARK MESA – Continue excavating for Storm Drain Line F on the northeast corner of Crenshaw Blvd and 60th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Continue excavating for Storm Drain Line F on the northeast corner of Crenshaw Blvd and 60th St.



PARK MESA – Installing Storm Drain Line F on northbound Crenshaw Blvd and 60th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Sealing interior seams of Storm Drain Line F on northbound Crenshaw Blvd and 60th St.



PARK MESA – Sacking and patching and installing ladder rungs to Manhole #12 and #16 on southbound Crenshaw Blvd and Slauson Ave.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Excavating/removing road pavement on both north and southbound Crenshaw Blvd and Slauson Ave.



PARK MESA – Built formwork, placed rebar and concrete over north and southbound lanes on Crenshaw Blvd and Slauson Ave.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Continue placing rebar and concrete over north and southbound lanes on Crenshaw Blvd and Slauson Ave.



PARK MESA – Installing protective gratings for opening of Catch Basin #33 on Crenshaw Blvd and 57th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Excavating north and southbound lanes for restoration on the intersection of Crenshaw Blvd and 57th St.



PARK MESA – Building formwork and placing concrete on the north and southbound lanes for restoration at the intersection of Crenshaw Blvd and 57th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Continue building formwork and placing slurry on the north and southbound lanes for restoration at the intersection of Crenshaw Blvd and 57th St.



PARK MESA – Build formwork and placed concrete for new sidewalk installation on southbound Crenshaw Blvd and 57th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Saw cut new sidewalk panels on southbound Crenshaw Blvd and 57th St.



PARK MESA – Continue building formwork and placing concrete for new sidewalk installation along southbound Crenshaw Blvd north of 57th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Installed drains at the curb and gutter along SB Crenshaw Blvd between 54th and 57th St.



PARK MESA – Excavated/removed 3 concrete road slab sections on the intersection of Crenshaw Blvd and 54th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Placed forms and slurry for 3 sections on the intersection of Crenshaw Blvd and 54th St.



PARK MESA – Excavating northbound lanes for restoration on Crenshaw Blvd and 52nd St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Sacking and patching sewer maintenance hole on northbound Crenshaw Blvd and 52nd St.



PARK MESA – Placing slurry backfill and concrete over the northbound lanes on Crenshaw Blvd and 52nd St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Placing rebar in preparation for concrete placement of the existing roadway slab on Crenshaw Blvd and 52nd St.



PARK MESA – Excavating northbound lanes for restoration on Crenshaw Blvd and 48th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Continue excavating northbound lanes and backfilled on Crenshaw Blvd and 48th St.



PARK MESA – Continue backfilling and compacting the northbound lanes on Crenshaw Blvd and 48th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Excavating northbound lanes for restoration on Crenshaw Blvd from 48th St to 46th St.



PARK MESA – Backfilling/compacting the northbound lanes and placed rebar on Crenshaw Blvd from 48th St to 46th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Placed concrete for new curb/gutter installation on the northeast corner of Crenshaw Blvd and 48th St.



PARK MESA – Placing concrete for the northbound lanes on Crenshaw Blvd from 48th St to 46th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



PARK MESA – Saw cutting the northbound lanes on Crenshaw Blvd from 48th St to 46th St.



PARK MESA – Placed asphalt concrete and compacted the northbound lanes on Crenshaw Blvd from 48th St to 46th St.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



HYDE PARK STATION – Installing the North Grand Pylon sign near Slauson Ave.

SEGMENT B1:

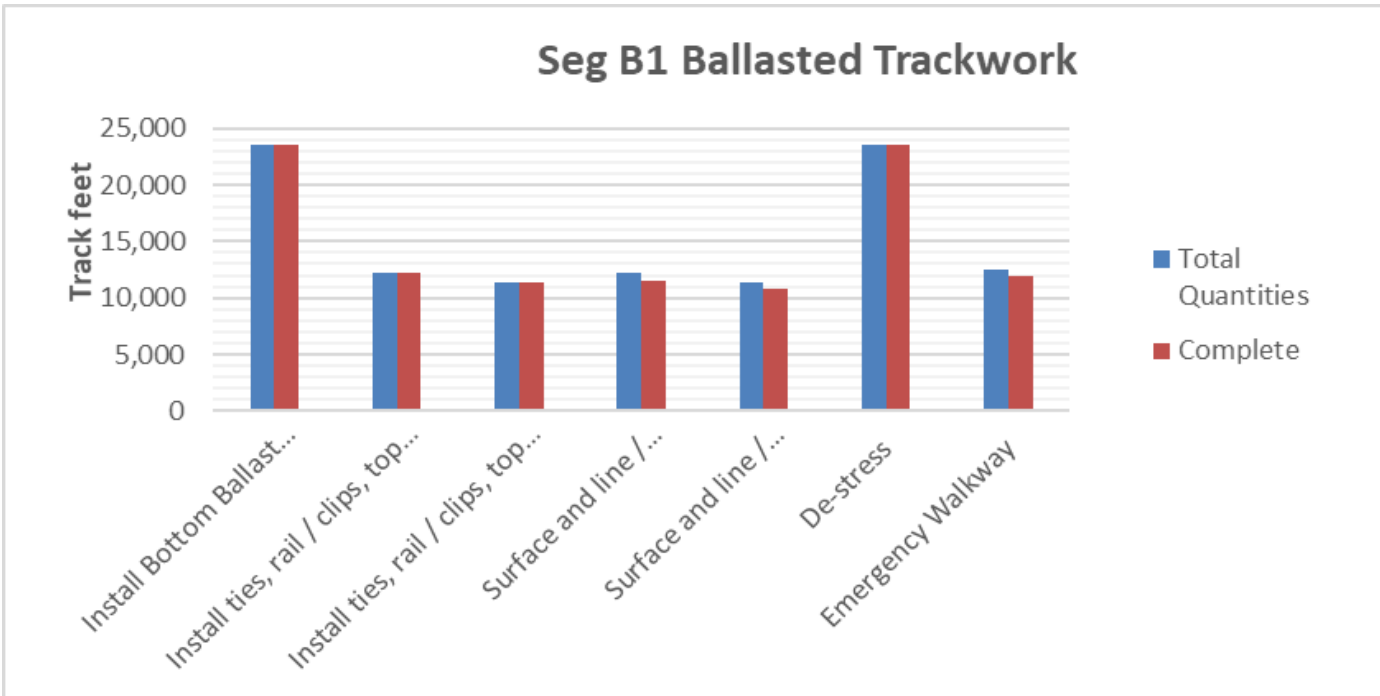
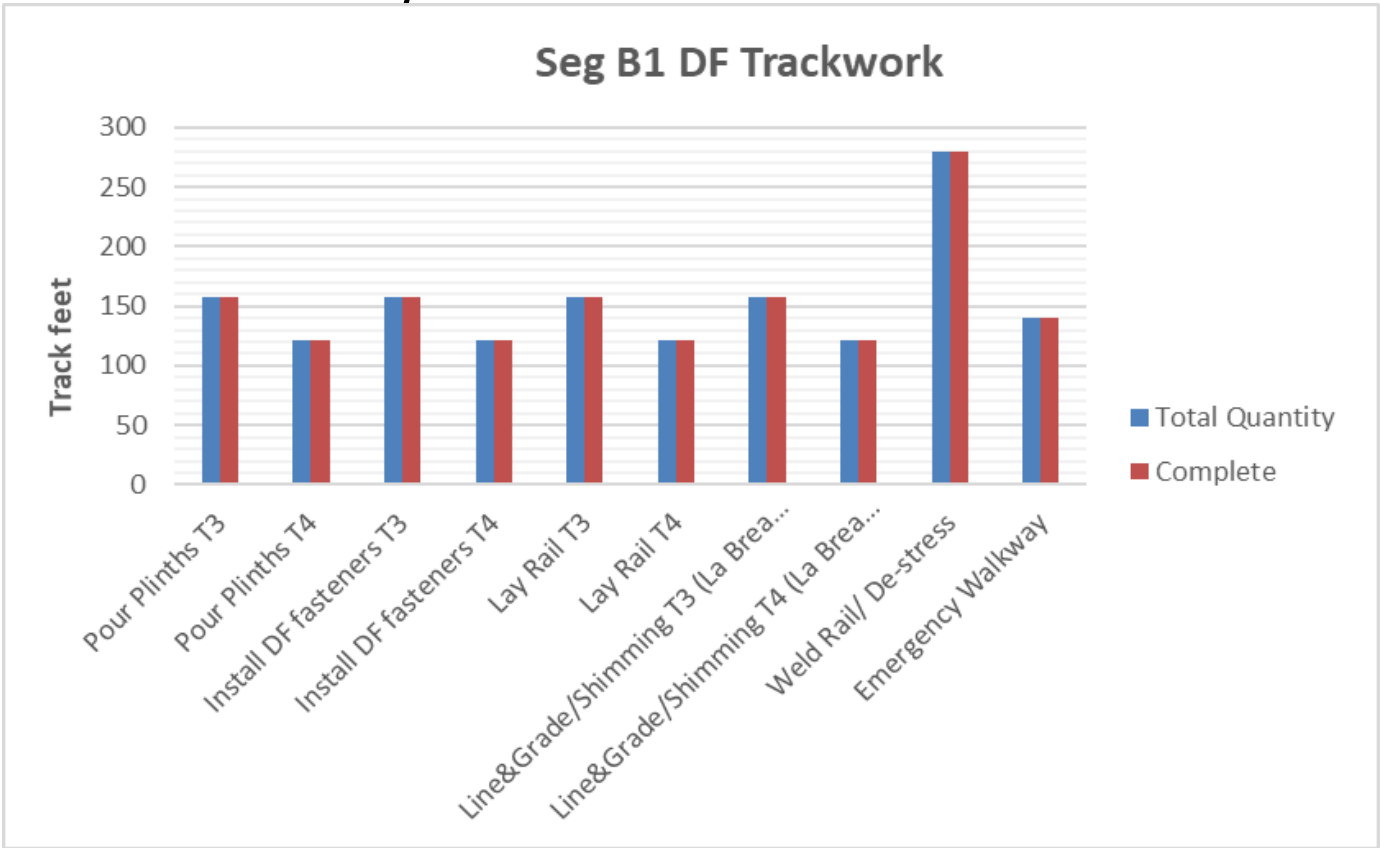
- Replacement of damaged switch points continues throughout Segment B1.
- Disturbed ballast due to systems electrical conduit relocations continues to be repaired and re-dressed.
- WSCC continues the Jet Grouting of MSE Wall 202.
- Investigation of rail flaws continues.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

PROJECT WIDE TRACKWORK PROGRESS

	TRACK TYPE	ACTIVITY	TRACK FEET/QUANTITY	INSTALLED TO DATE	REMAINING	ACTIVITY % PROGRESS	Potential Rework *	Punchlist ** (Complete/Incomplete)
SEGMENT B1	DF (279 TF)	Pour Plinths T3	158	158	0	100.00%		
		Pour Plinths T4	121	121	0	100.00%		
		Install DF fasteners T3	158	158	0	100.00%	*	INC
		Install DF fasteners T4	121	121	0	100.00%	*	INC
		Lay Rail T3	158	158	0	100.00%		
		Lay Rail T4	121	121	0	100.00%		
		Line&Grade/Shimming T3 (La Brea Bridge)	158	158	0	100.00%		
		Line&Grade/Shimming T4 (La Brea Bridge)	121	121	0	100.00%		
		Weld Rail/ De-stress	279	279	0	100.00%		
		Emergency Walkway	140	140	0	100.00%		
	Acceptance for turnover to subcontractors	yes/no	no					
	BALLASTED TRACKWORK (23,506 TF including grade crossings and Siding track)	Install Bottom Ballast (T3+T4 and Siding)	23,506	23,506	0	100.00%	*	INC
		Install ties, rail / clips, top ballast T3 + Siding	12,184	12,184	0	100.00%	*	INC
		Install ties, rail / clips, top ballast T4	11,322	11,322	0	100.00%	*	INC
		Surface and line / Regulate T3 + Siding	12,184	11,575	609	95.00%		
		Surface and line / Regulate T4	11,322	10,756	566	95.00%		
		De-stress	23,506	23,506	0	100.00%		
		Emergency Walkway	12,506	12,000	506	95.95%	*	INC
	Acceptance for turnover to subcontractors	yes/no	yes		N/A			
	SPECIAL TRACKWORK	Ballasted Single Crossover (O1/O2, P1/P2, Q1/Q2, T1/T2)	4	4	0	100.00%		
		Install switches (M, O1, O2, P1, P2, Q1, Q2, R, T1, T2 = 10)	10	10	0	100.00%		
		Thermite Welds	104	104	0	100.00%	*	
		Insulated Joints (IJ's)	43	43	0	100.00%	*	
	Acceptance for turnover to subcontractors	yes/no	No					
	GRADE X-ING	Construct Crossing (Oak/Cedar/Eucalyptus/Ivy/Centinea, High (50%), West, Brynhurst)	8	8		100.00%		
	DF =	Direct Fixation						
	T3 =	Track 3						
	T4 =	Track 4						
TF =	Track Feet							
*	Potential for rework based on recent guideway survey. Total impact of rework is unknown at this time.							
**	Punchlist Complete/Incomplete: Indicates the completion (COMP) or Incompletion (INC) of identified punchlist items							

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

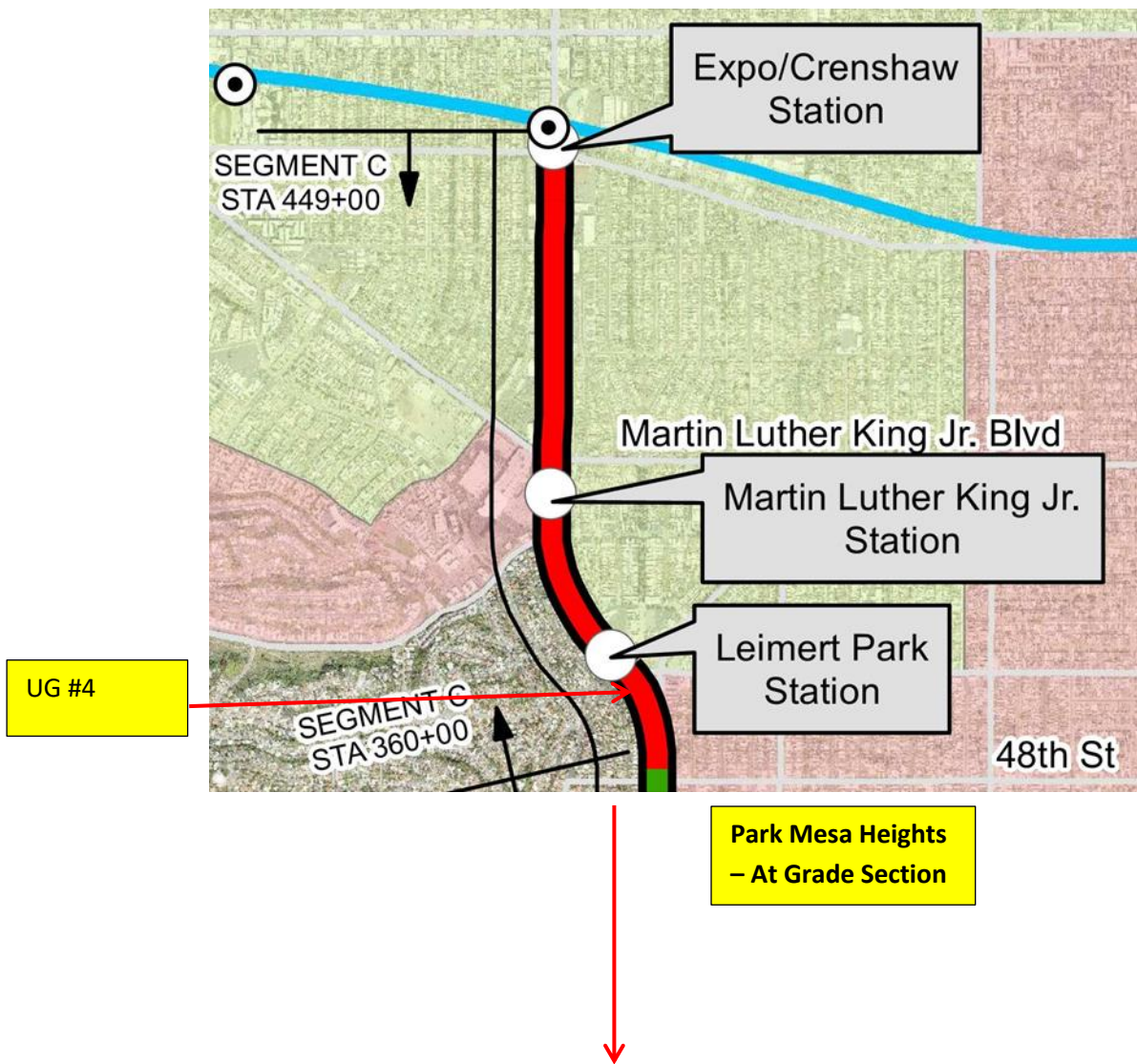


CRENSHAW/LAX PHOTOGRAPHIC UPDATE

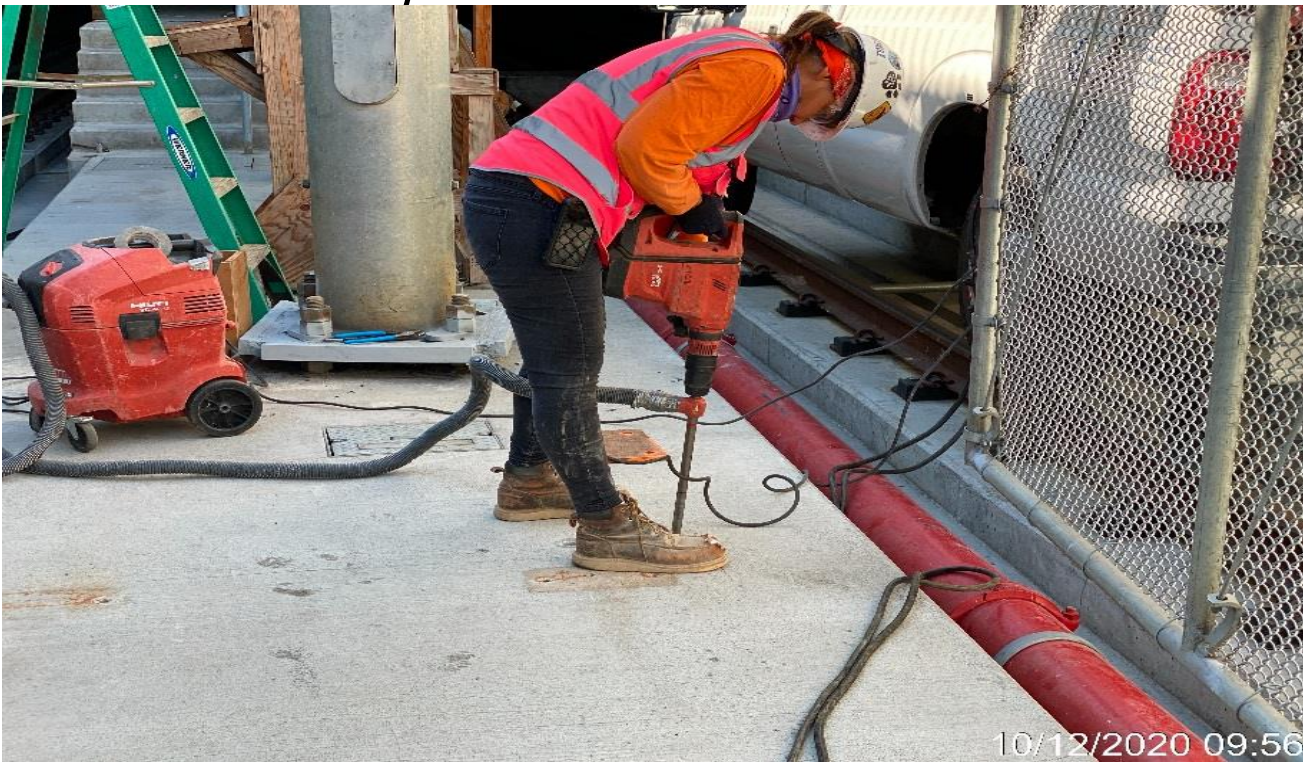
SEGMENT B2:

- Disturbed ballast due to systems electrical conduit relocations continues to be repaired and re-dressed.
- Rework of plinth gap to invert continues throughout the Segment resetting and adjusting fasteners and sealing plinth to invert joints.

Segment C



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – Installing latch post for the double security gates at the south end portal.



LEIMERT PARK STATION SITE – Continue placing concrete for the architectural topping slab throughout the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue saw cutting control joints for the architectural topping slab throughout the plaza level.



LEIMERT PARK STATION – Continue saw cutting control joints for the architectural topping slab throughout the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

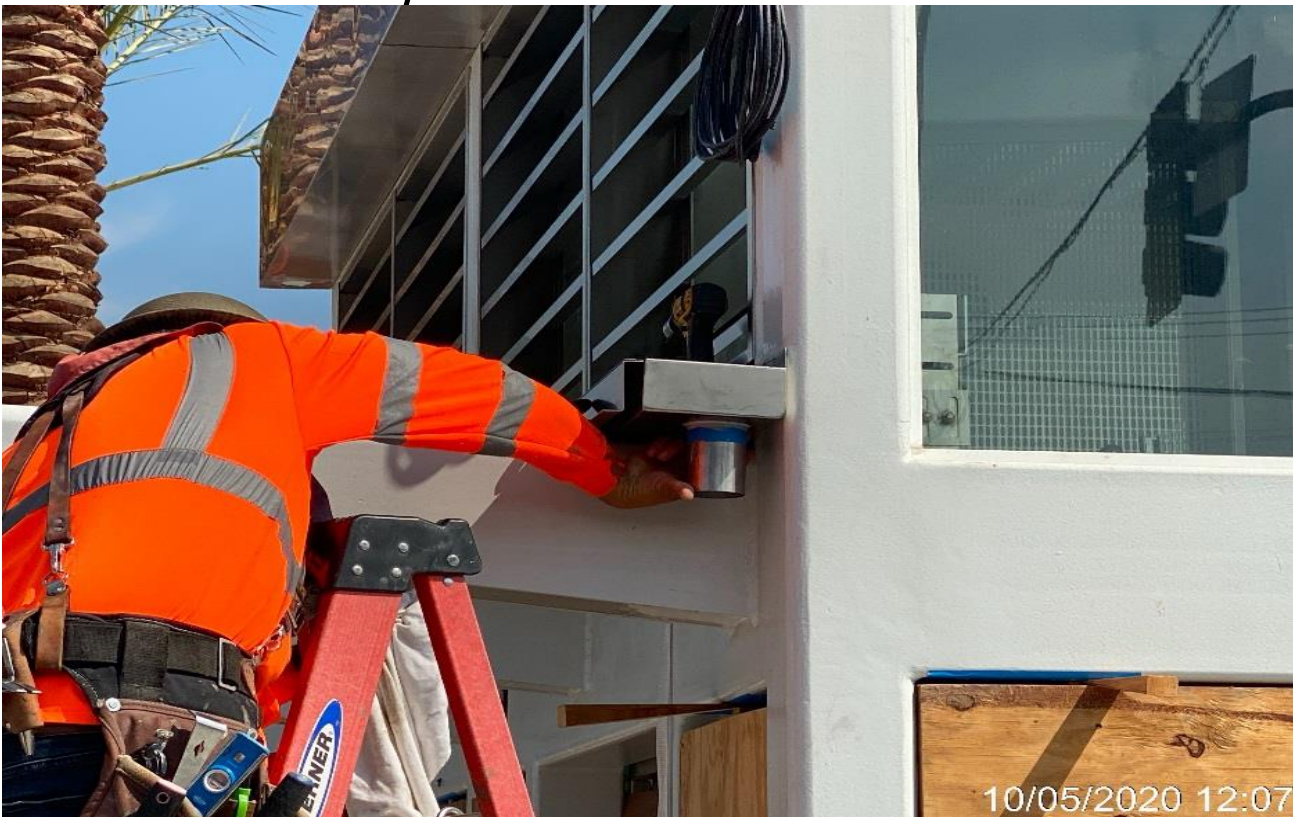


LEIMERT PARK STATION – Continue placing concrete for the architectural topping slab throughout the plaza level.



LEIMERT PARK STATION – Continue saw cutting control joints for the architectural topping slab throughout the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

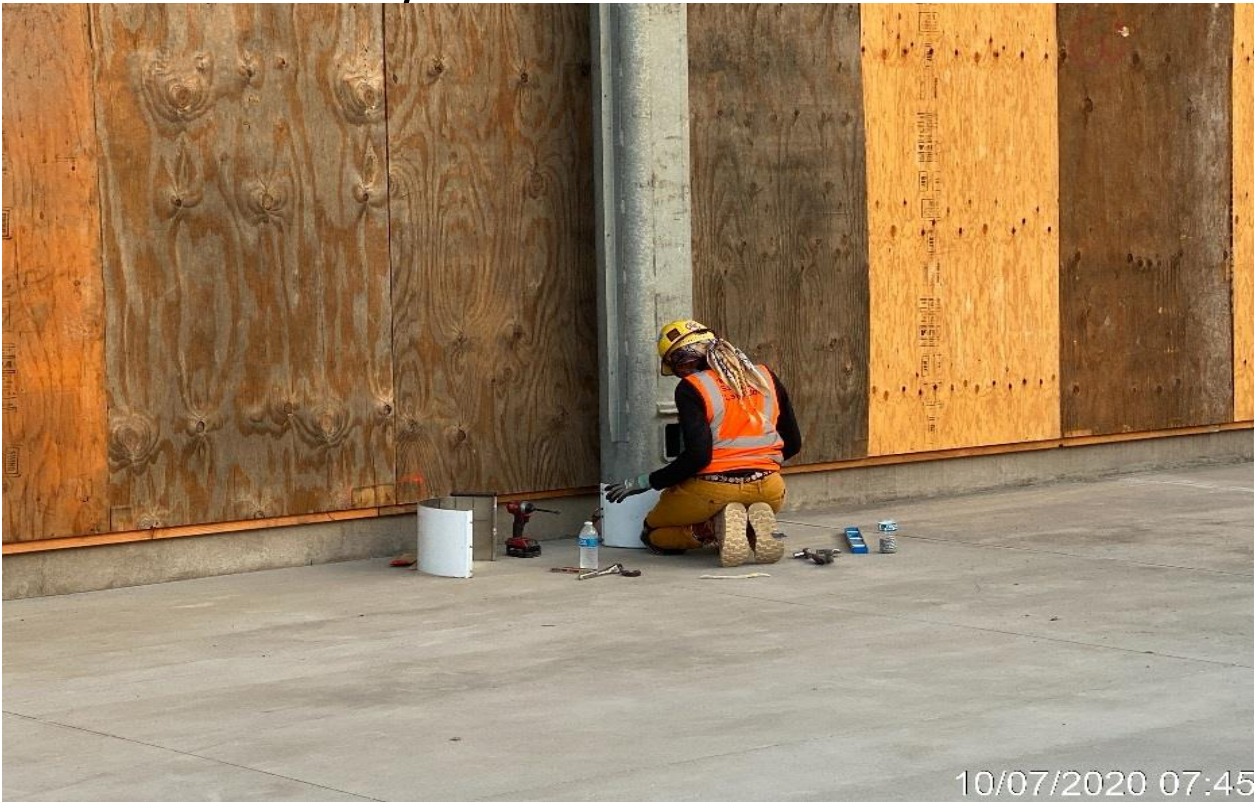


LEIMERT PARK STATION – Installing down spouts to Elevators 1&2 at the plaza level.



LEIMERT PARK STATION – Installing bracket supports for CCTV installation on the pedestrian light poles at the plaza.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

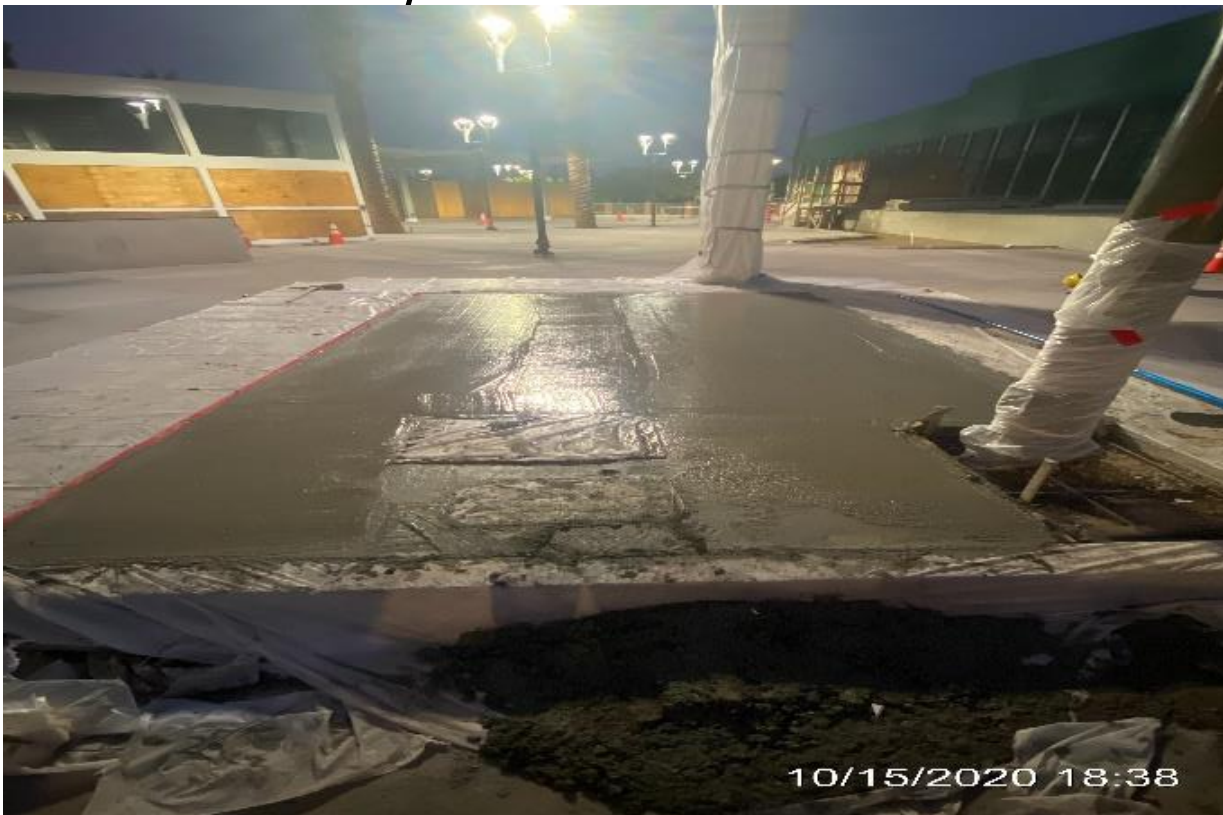


LEIMERT PARK STATION – Installing cladding for the columns bases of the canopy structure at the plaza.

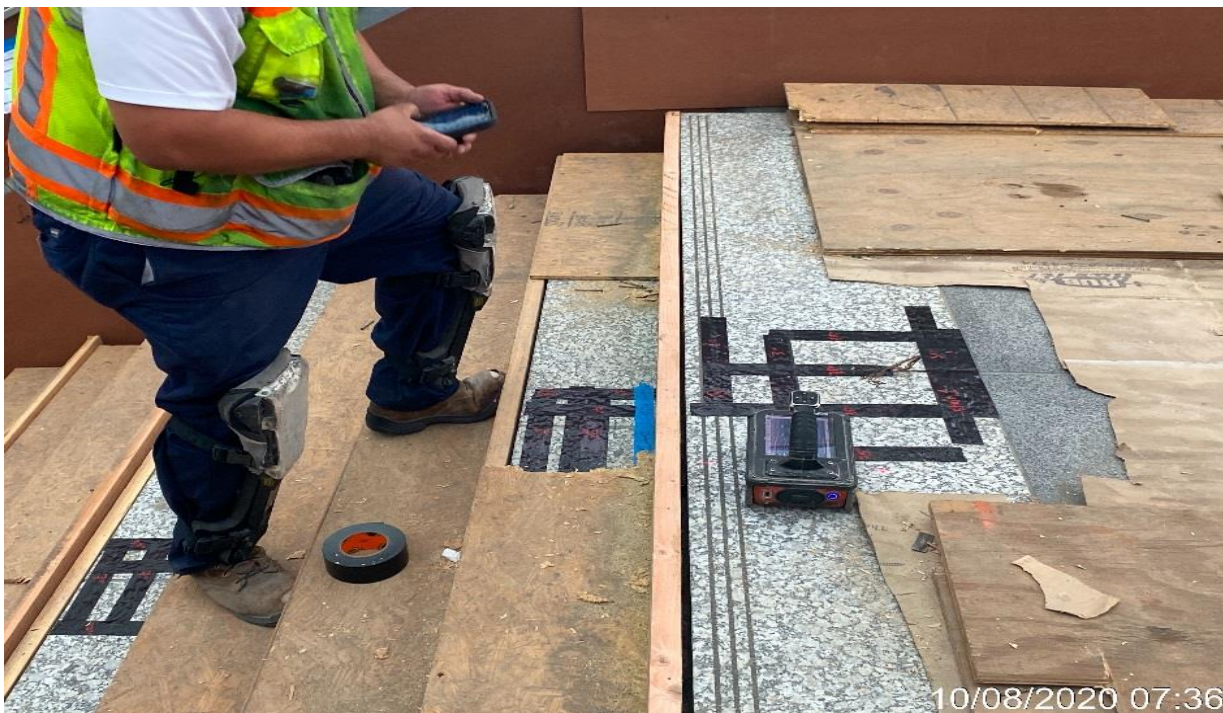


LEIMERT PARK STATION – Installing recessed LED lighting to the entry northern stairs at the plaza.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

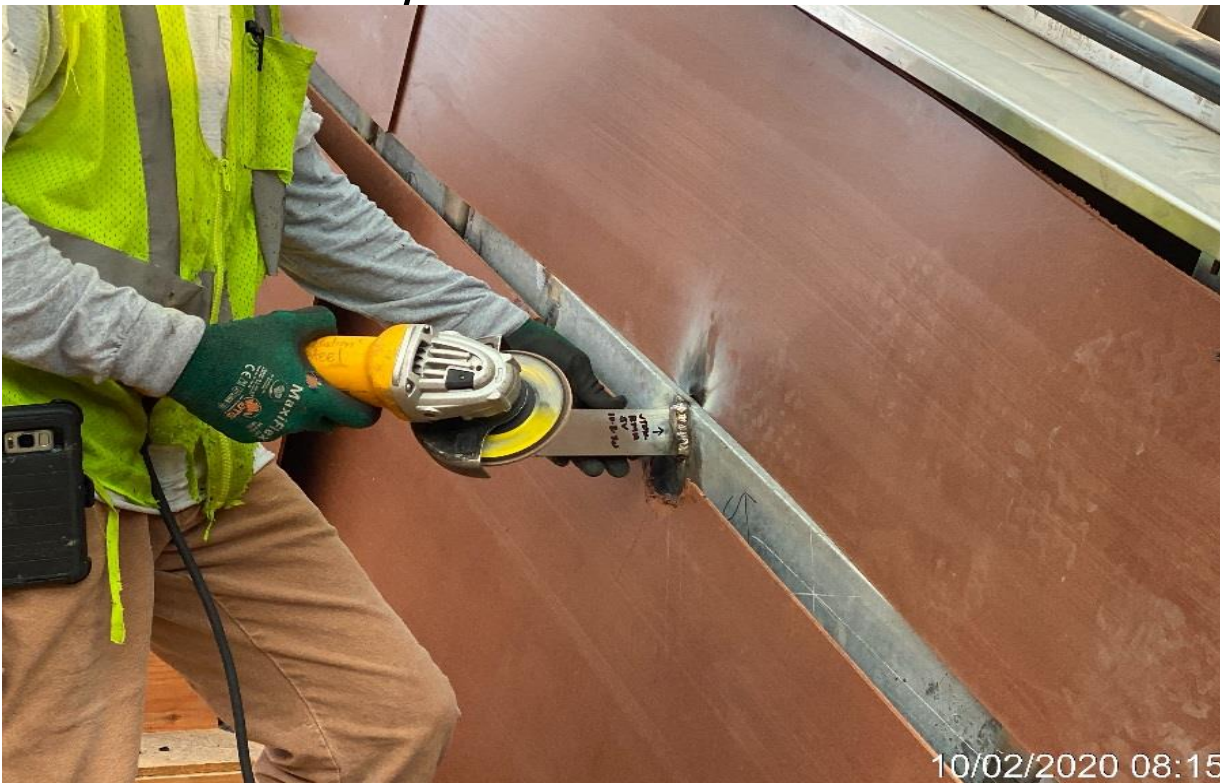


LEIMERT PARK STATION – Placed concrete over sidewalk panels along the south end of the plaza.

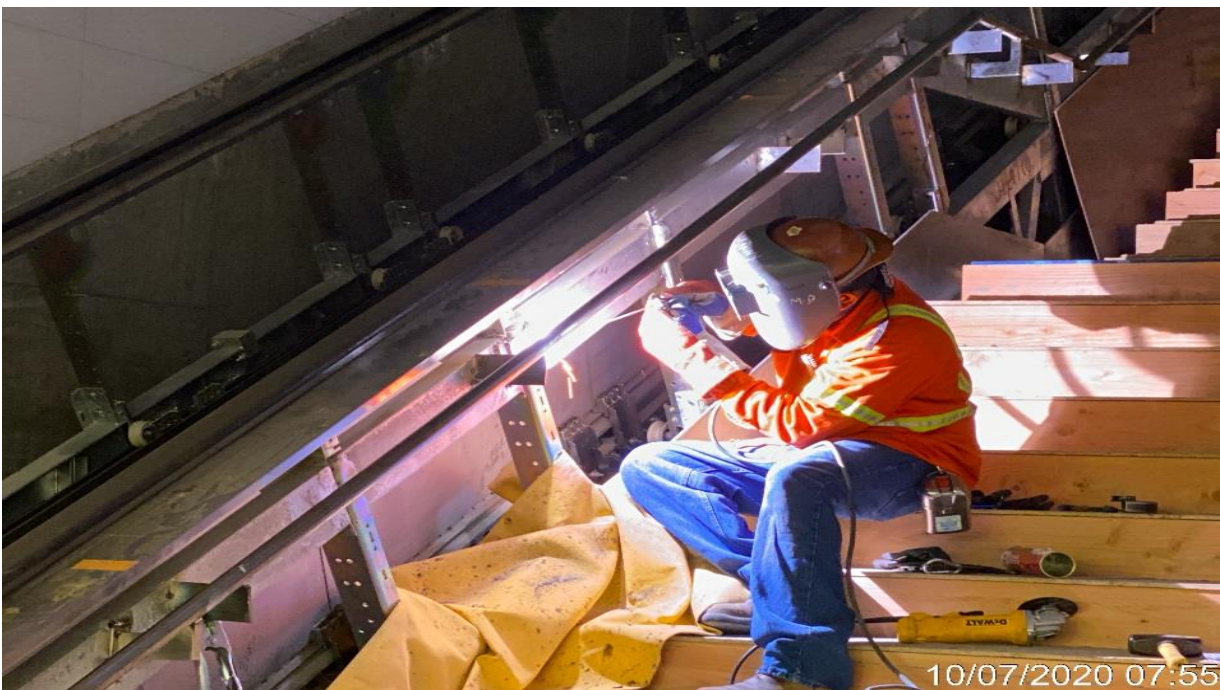


LEIMERT PARK STATION – Performing layout for the center handrail of Staircase 1 at the main entrance.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

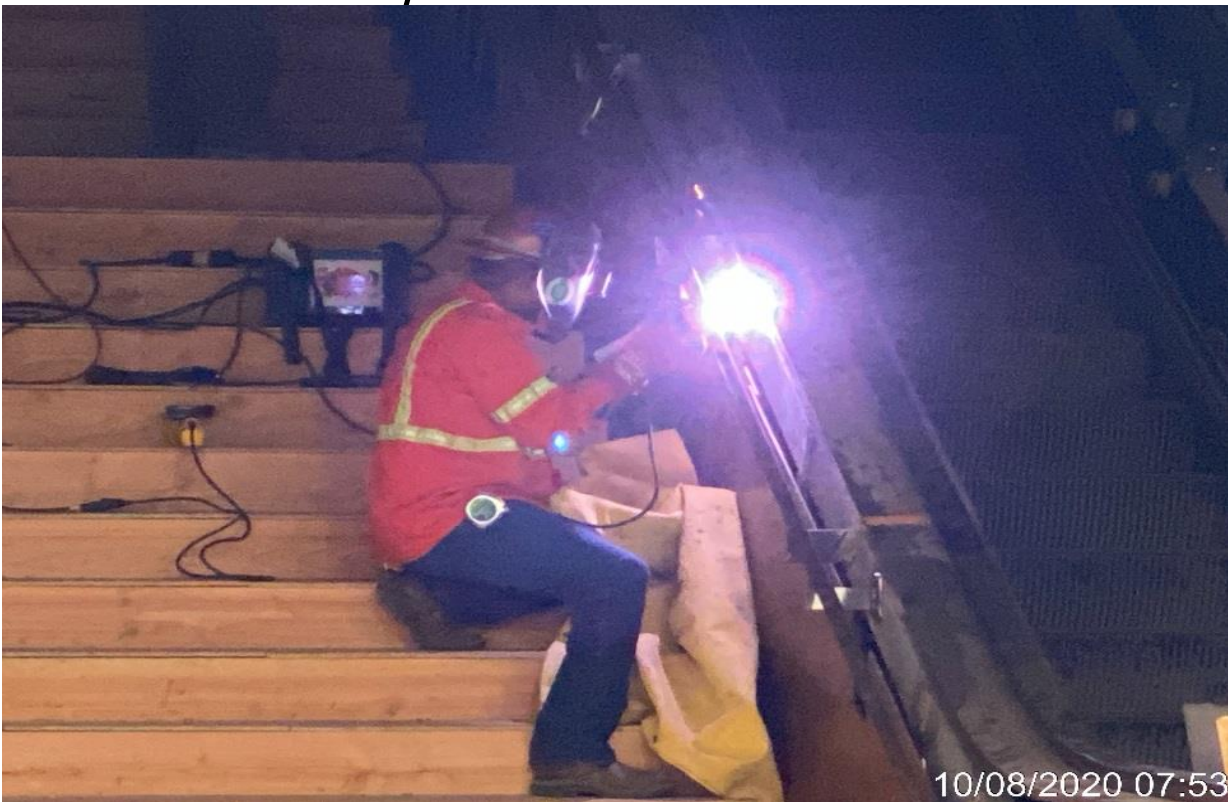


LEIMERT PARK STATION – Installing brackets for handrails at Staircase #1 from plaza to the intermediate landing.



LEIMERT PARK STATION – Continue installing brackets for handrails at Staircase #2 from intermediate landing to platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

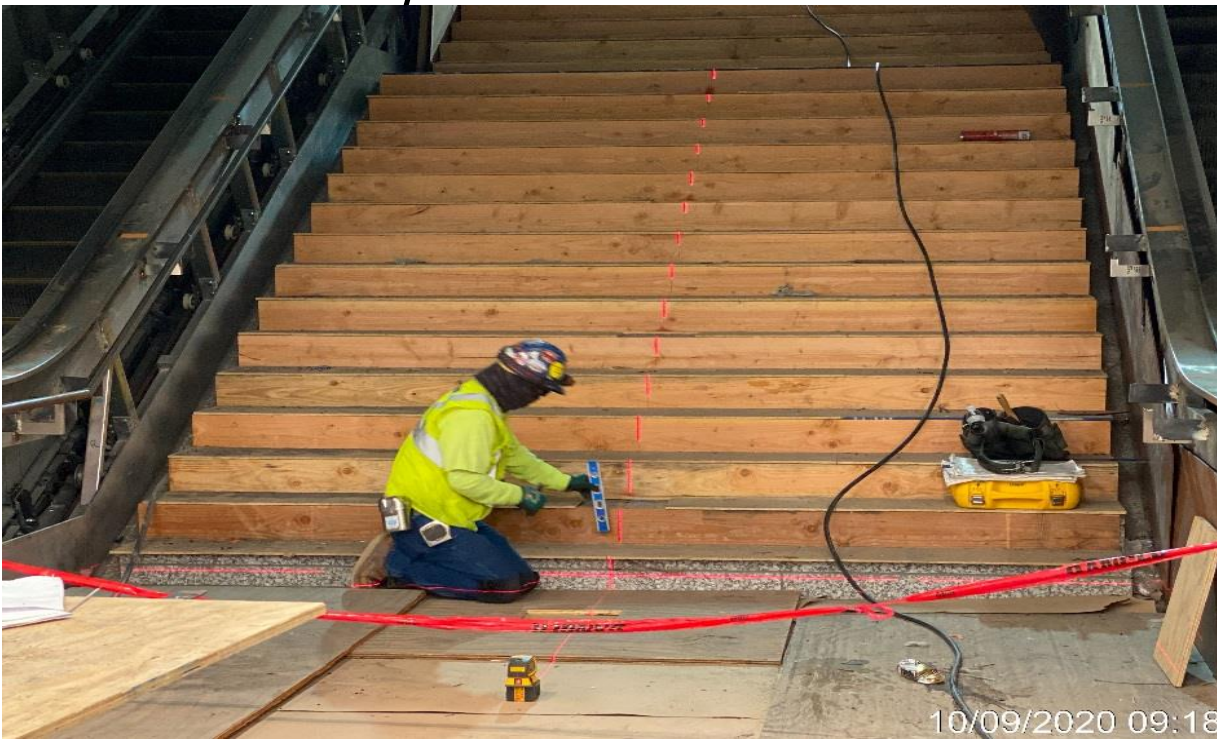


LEIMERT PARK STATION – Continue installing brackets for handrails at Staircase #2 from intermediate landing to platform level.



LEIMERT PARK STATION – Continue installing brackets for handrails at Staircase #2 from intermediate landing to platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

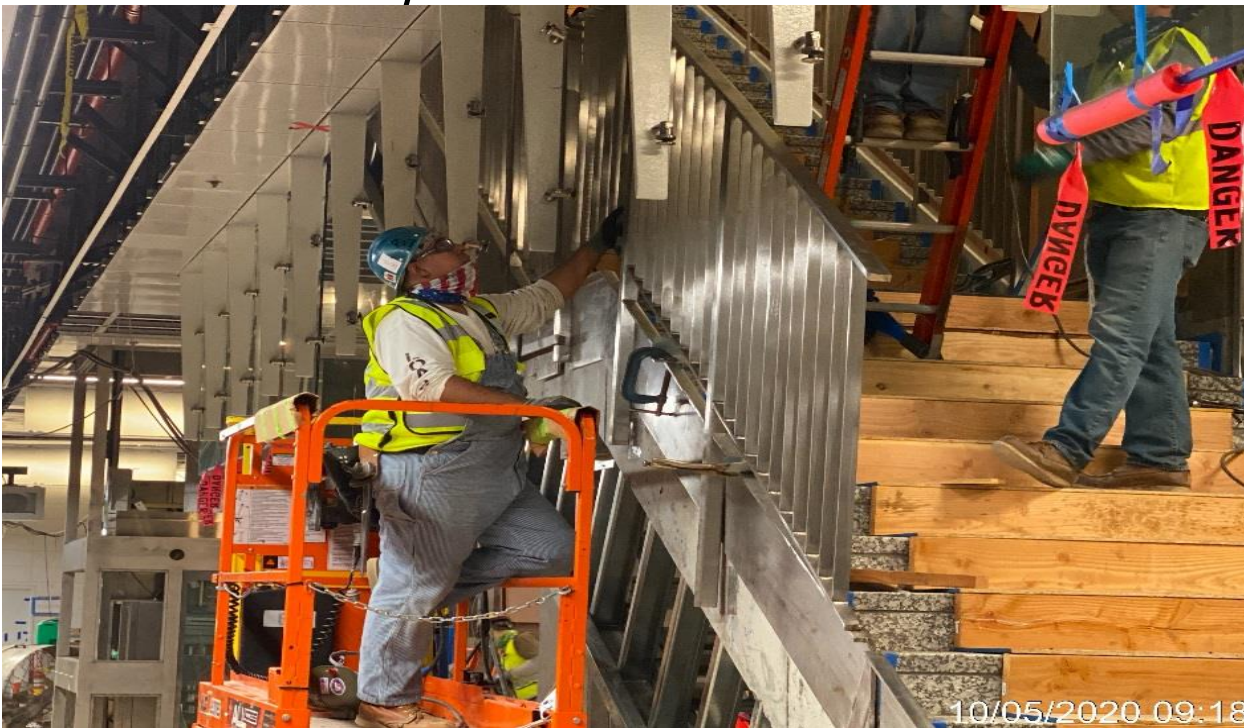


LEIMERT PARK STATION – Laying out for the center handrail of Staircases 1&2 from plaza to platform level.

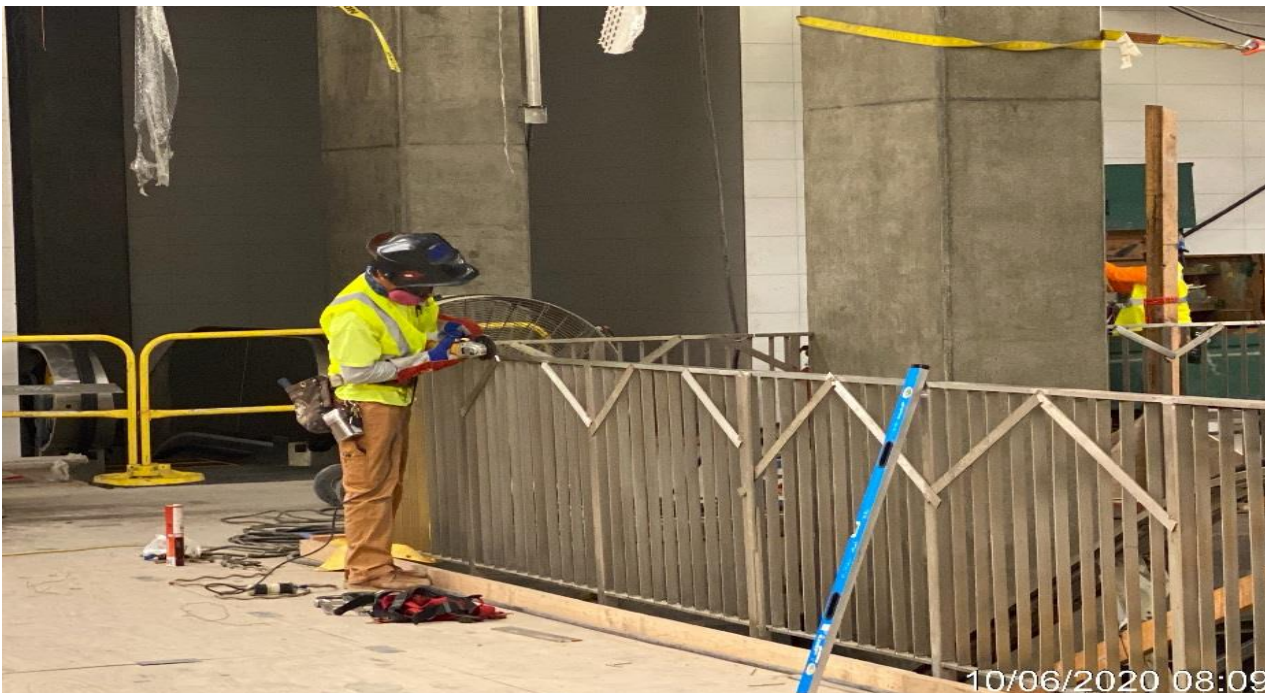


LEIMERT PARK STATION – Continue welding guardrails around the opening entrance of Staircase #4 and Escalator #6 at the concourse.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

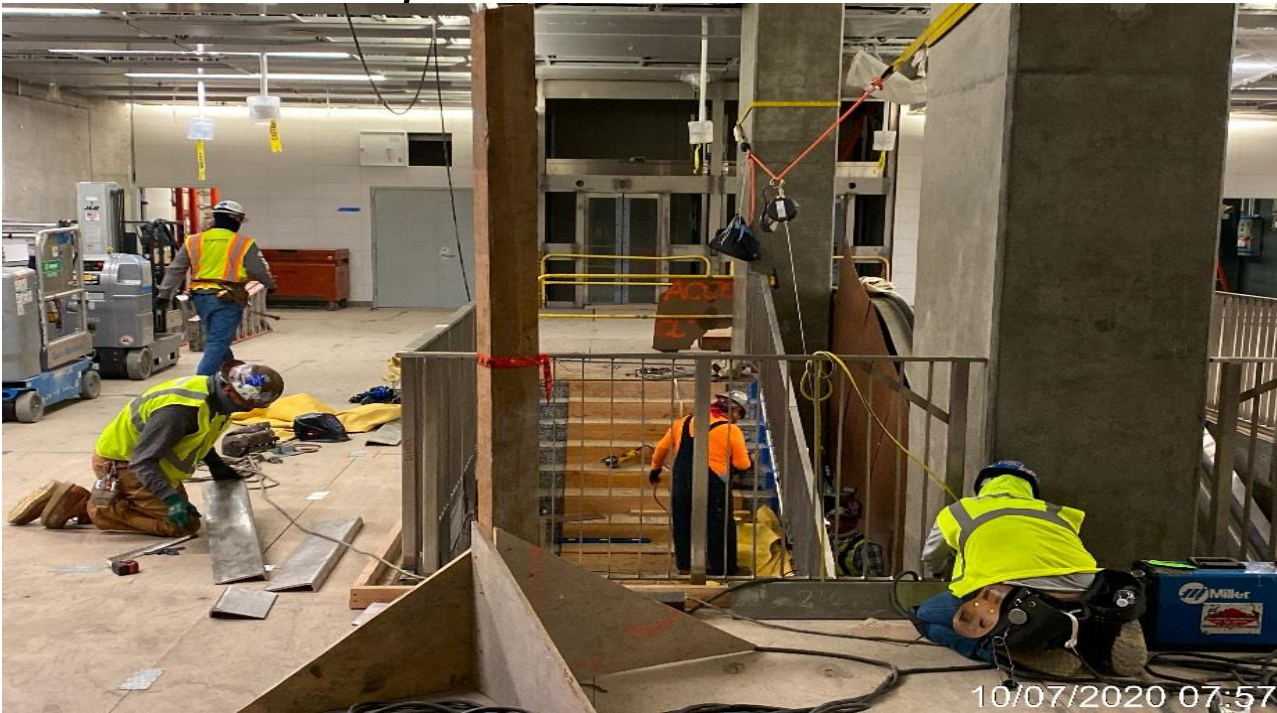


LEIMERT PARK STATION – Continue welding guardrails for Staircase #4 from concourse to platform level.

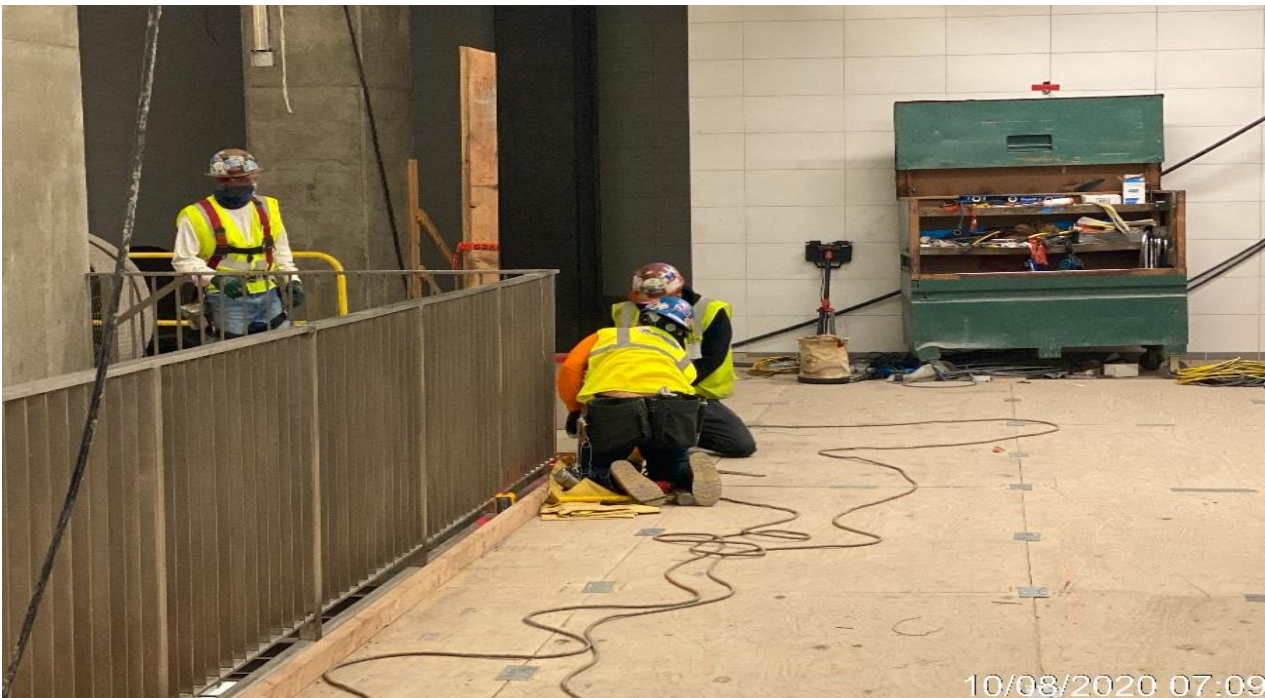


LEIMERT PARK STATION – Continue welding guardrails around the opening entrance of Staircase #4 and Escalator #6 at the concourse.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

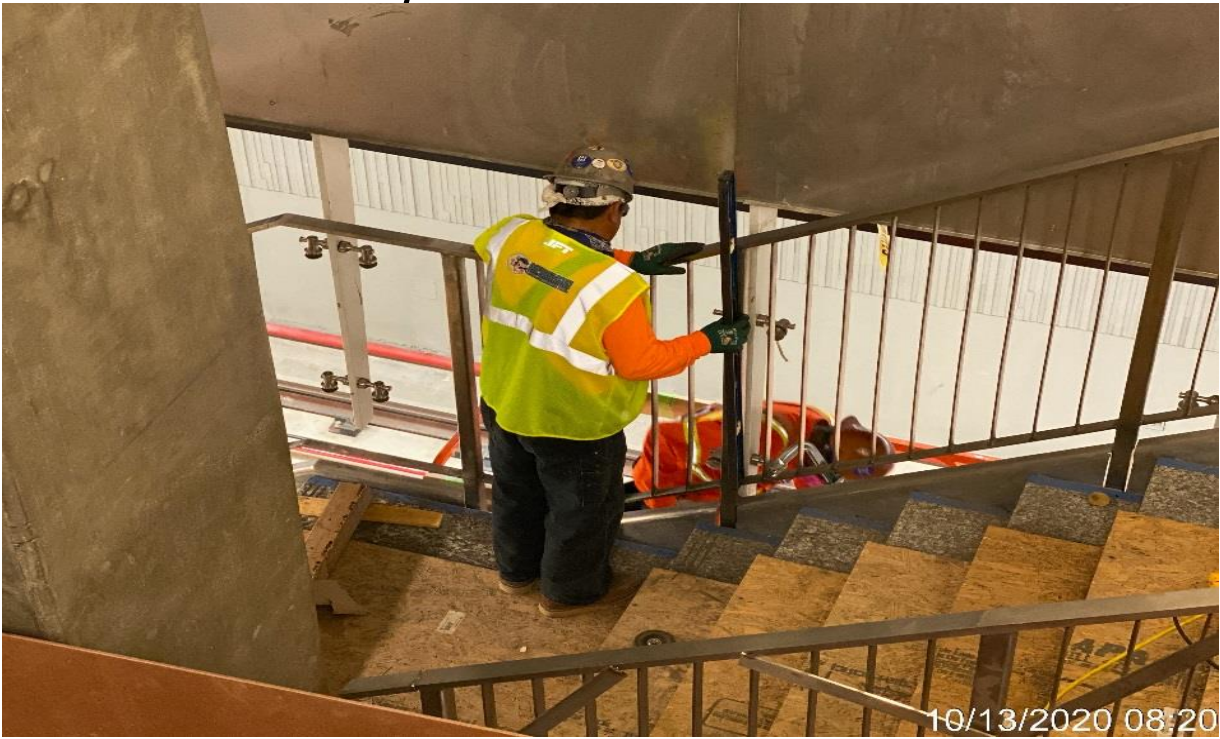


LEIMERT PARK STATION – Continue welding guardrails around the opening entrance of Staircase #4 and Escalator #6 at the concourse.



LEIMERT PARK STATION – Continue welding guardrails around the opening entrance of Staircase #4 and Escalator #6 at the concourse.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

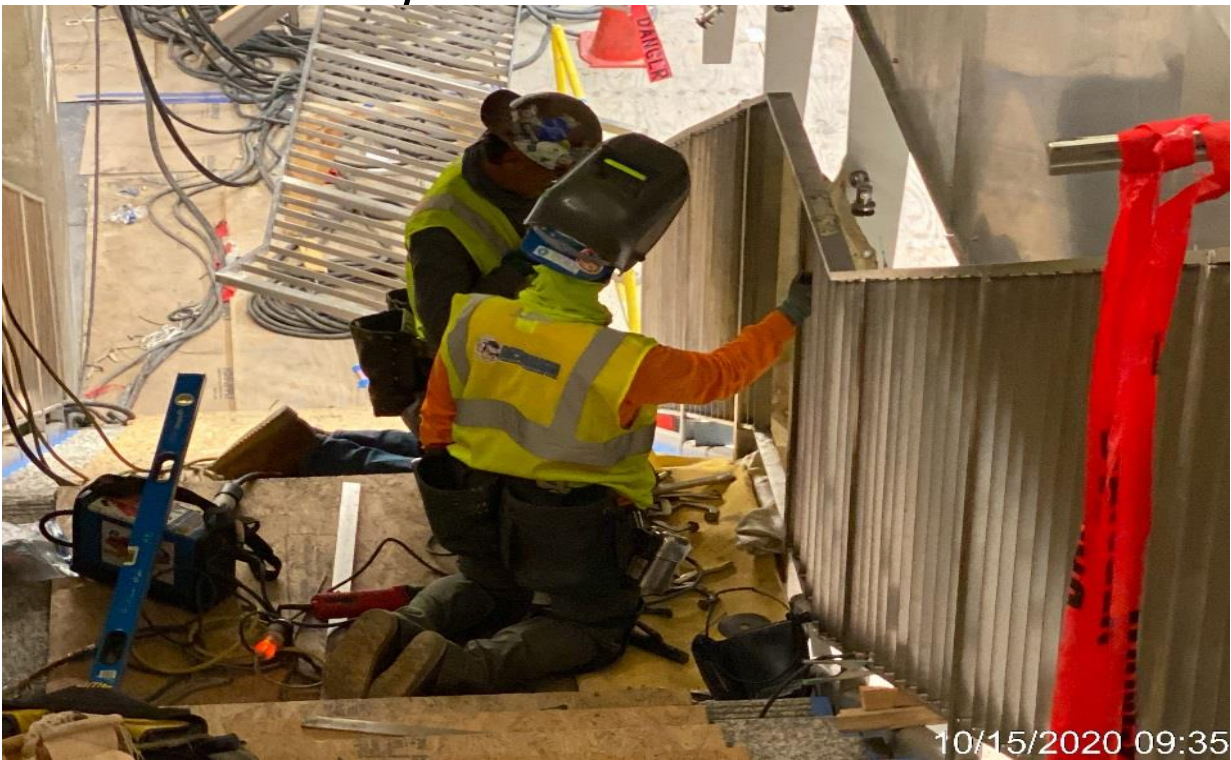


LEIMERT PARK STATION – Continue welding guardrails for Staircases 3&4 from concourse to platform level.



LEIMERT PARK STATION – Continue welding guardrails for Staircases 3&4 from concourse to platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue welding guardrails for Staircases 3&4 from concourse to platform level.



LEIMERT PARK STATION – Installing glass tracks for all 4 Elevators at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

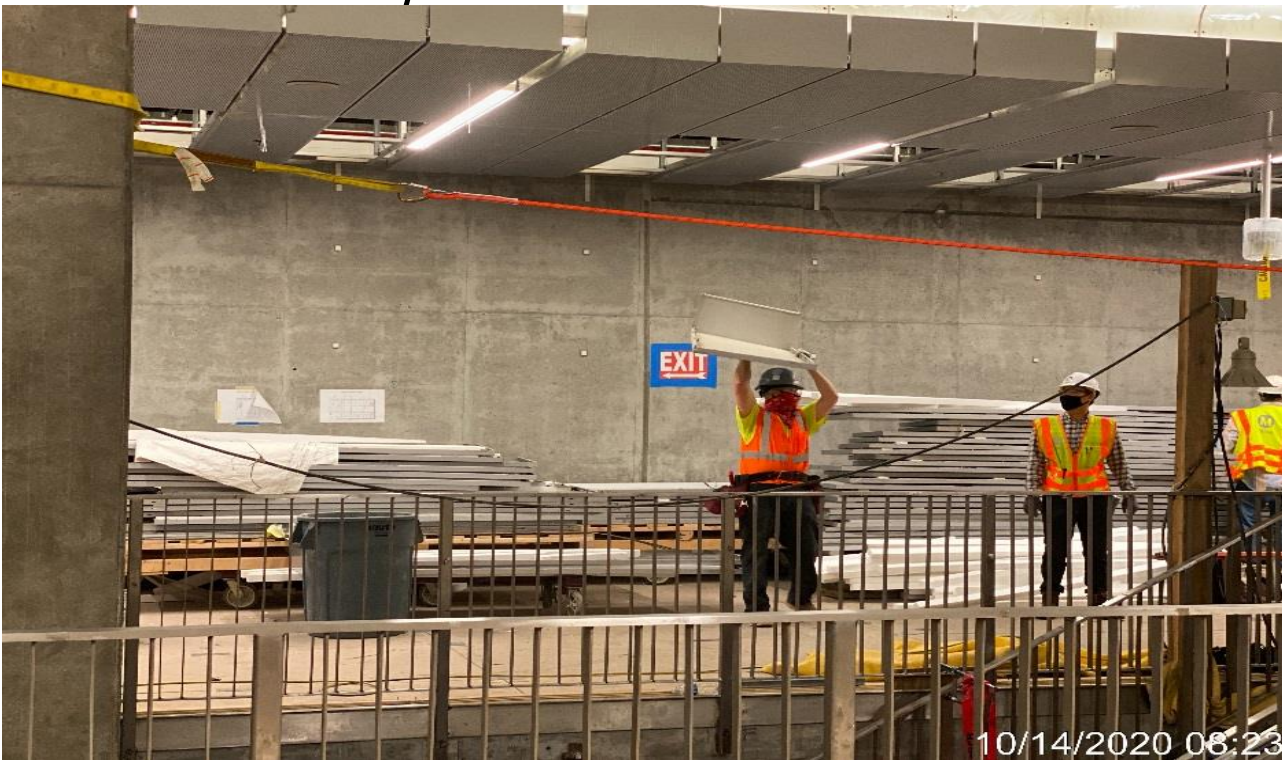


LEIMERT PARK STATION – Resume ceiling panel installation throughout the Free & Paid Area of the concourse level.



LEIMERT PARK STATION – Continue ceiling panel installation throughout the Free & Paid Area of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

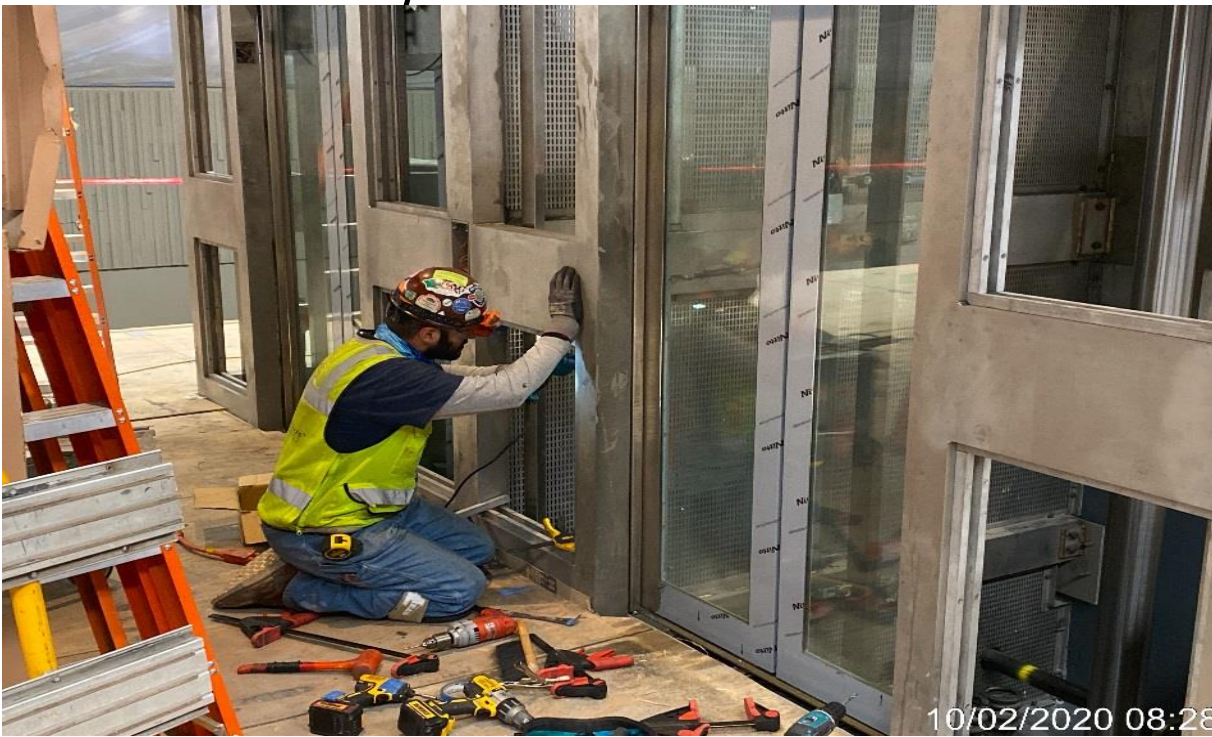


LEIMERT PARK STATION – Continue ceiling panel installation throughout the Free & Paid Area of the concourse level.

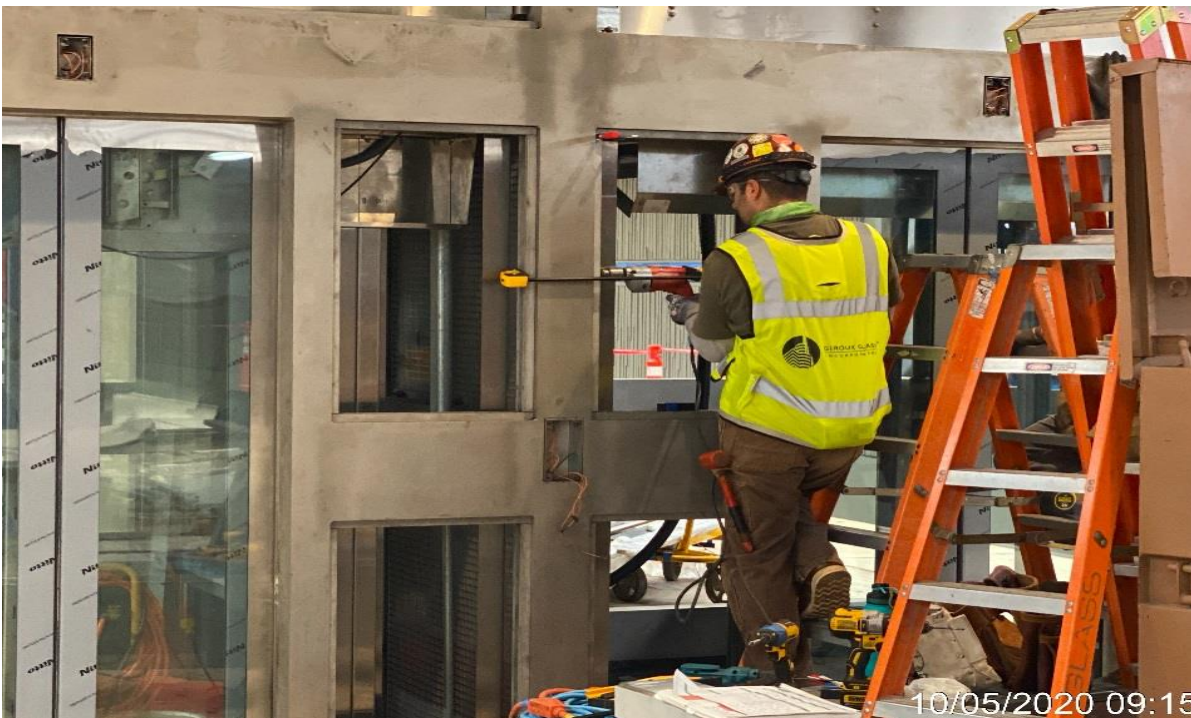


LEIMERT PARK STATION – Continue ceiling panel installation throughout the Free & Paid Area of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

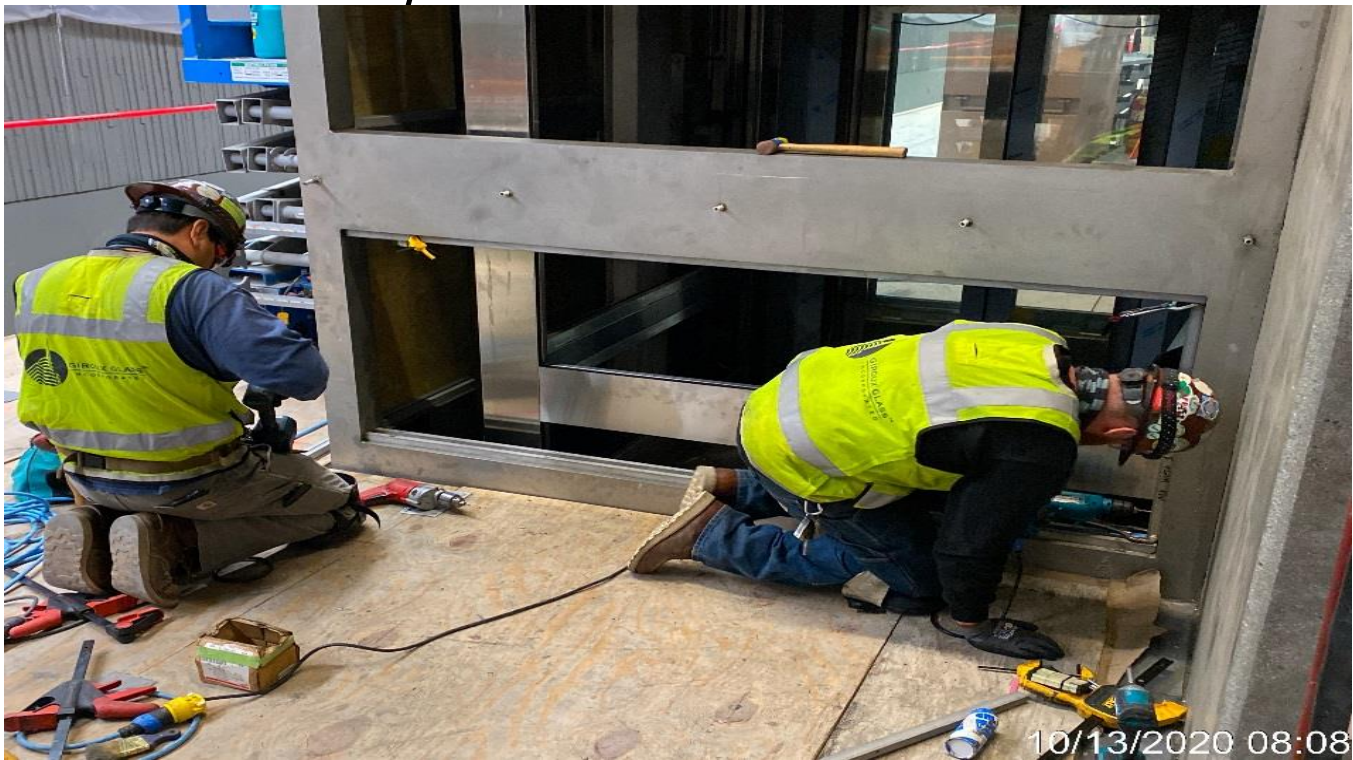


LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.

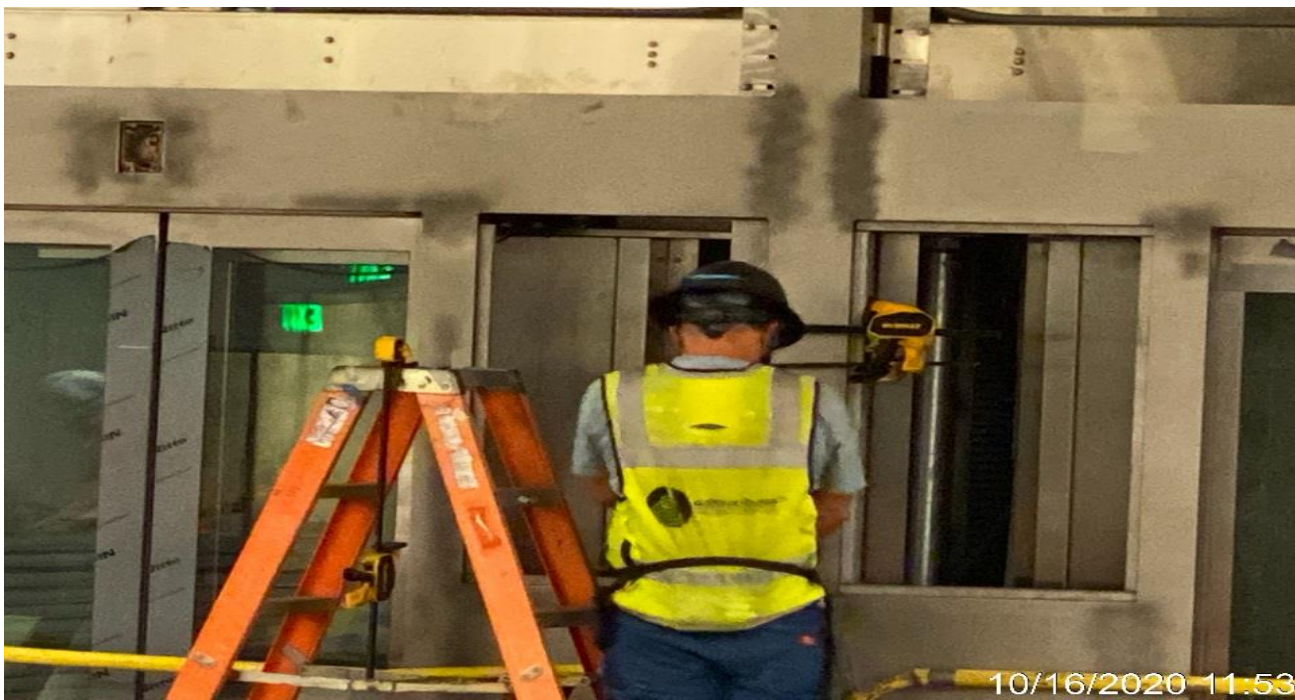


LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.



LEIMERT PARK STATION – Continue installing glass tracks for Elevators 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue ceiling panel installation throughout the platform level.

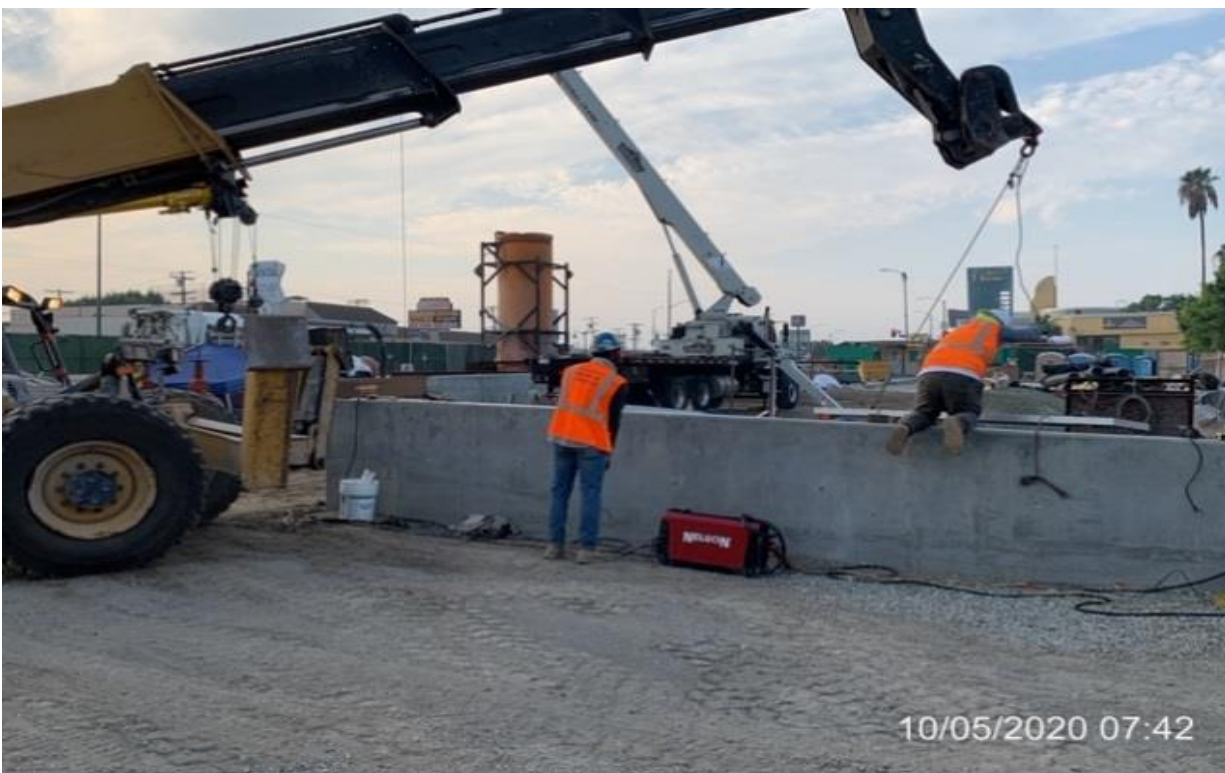


MLK STATION – MLK EM Fan (S) C102, EVF-7-121, continued, terminating power, controls for OTED, BD, TFD & TD's.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – MLK Concourse, Mechanical room (N) C128 Continued 1” GRC piping exhaust & supply fan limit switches.



MLK STATION – WSCC ironworkers installing grating panels at air exhaust shaft south.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC crew making PVC connections for storm drain.



MLK STATION – McMahon cosmetic welding and grinding at stair #3.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

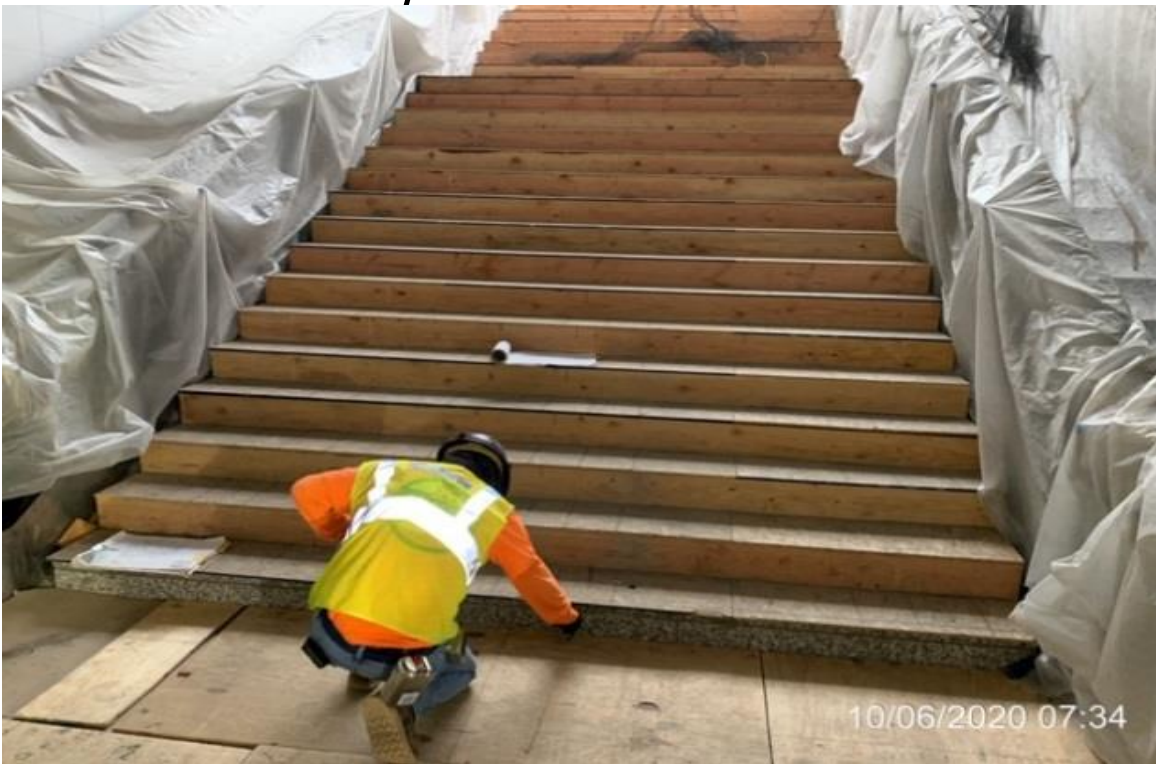


MLK STATION – crew excavating trench for CCTV conduit.

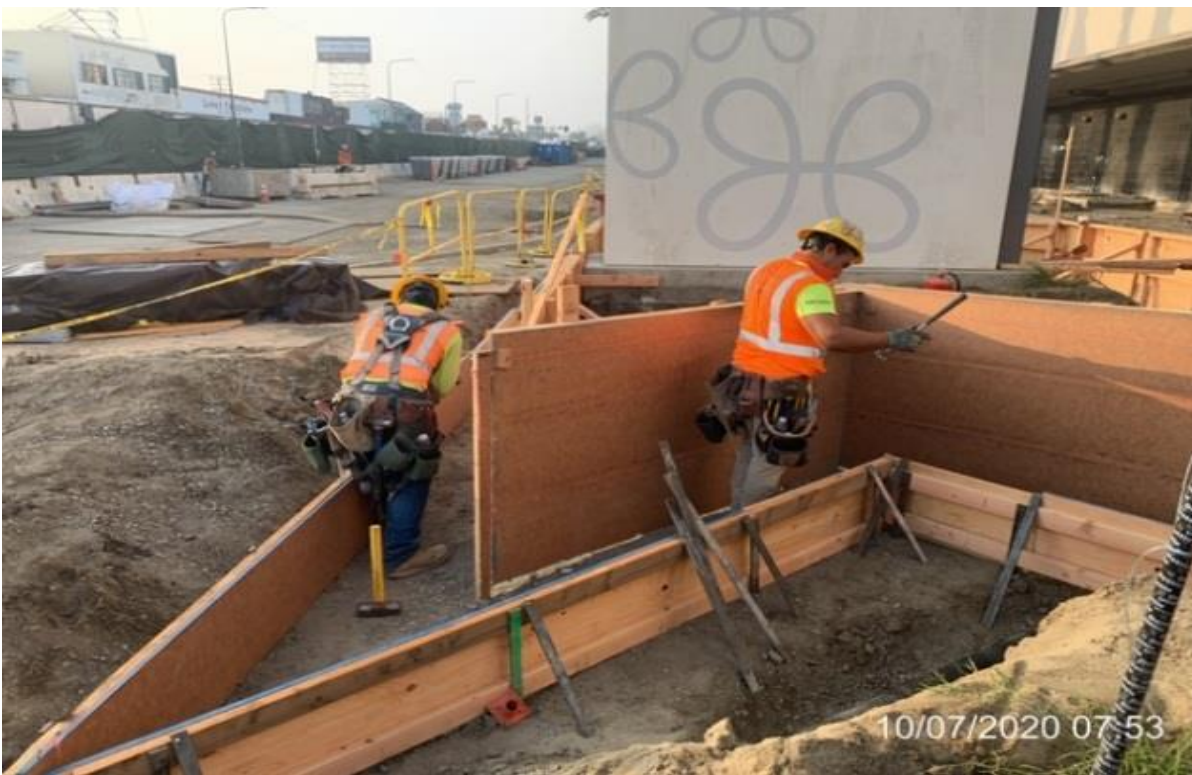


MLK STATION – WSCC carpenters building formwork for north end planter wall.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – McMahon laying out center hand rail at main staircase.

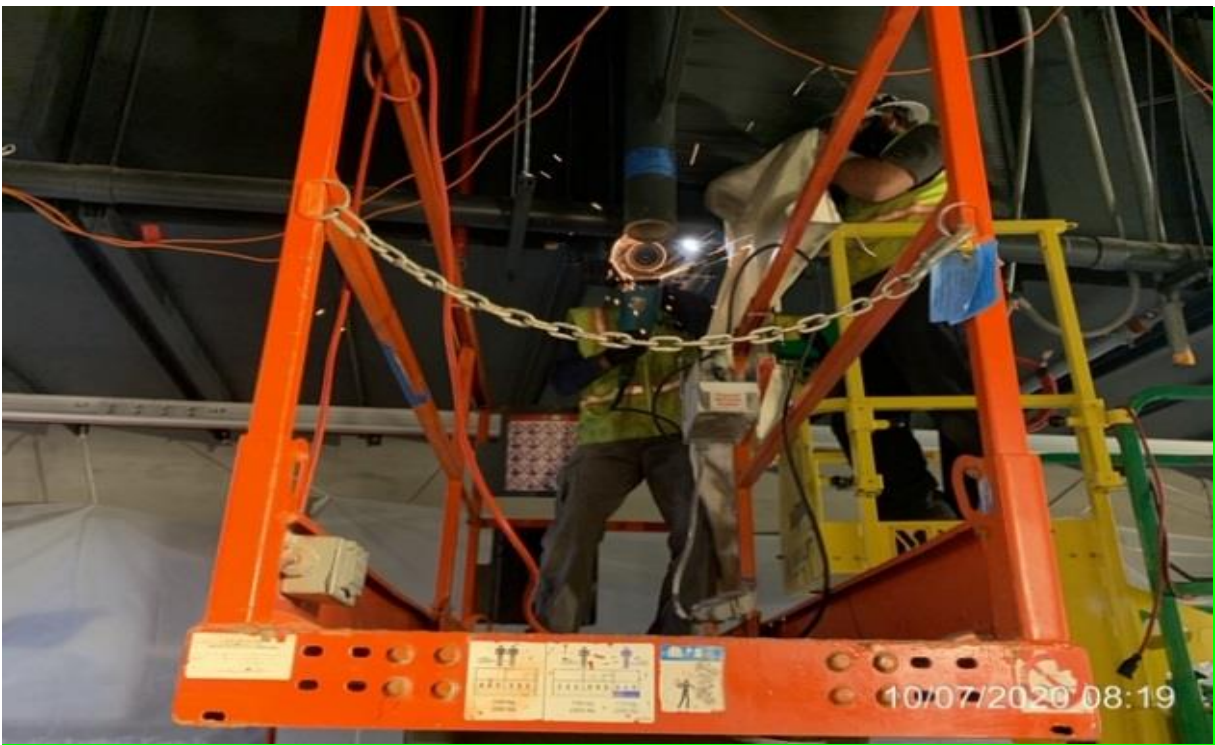


MLK STATION – WSCC carpenters building formwork for north end planter wall footing.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – McMahon cosmetic welding and grinding escalator #2.



MLK STATION – Robnett removing bottom plates from down stands to make adjustments

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC ironworkers installing ambient noise sensors



MLK STATION – WSCC ironworkers installing metal sleeve over vent stack.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC crew hand digging to expose damaged drain pipes for repair.



MLK STATION – Assembling pedestrian light poles for the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue assembling pedestrian light poles for the plaza level.



MLK STATION – Continue assembling pedestrian light poles for the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Excavating for CCTV conduit for the pedestrian light poles at the plaza level.

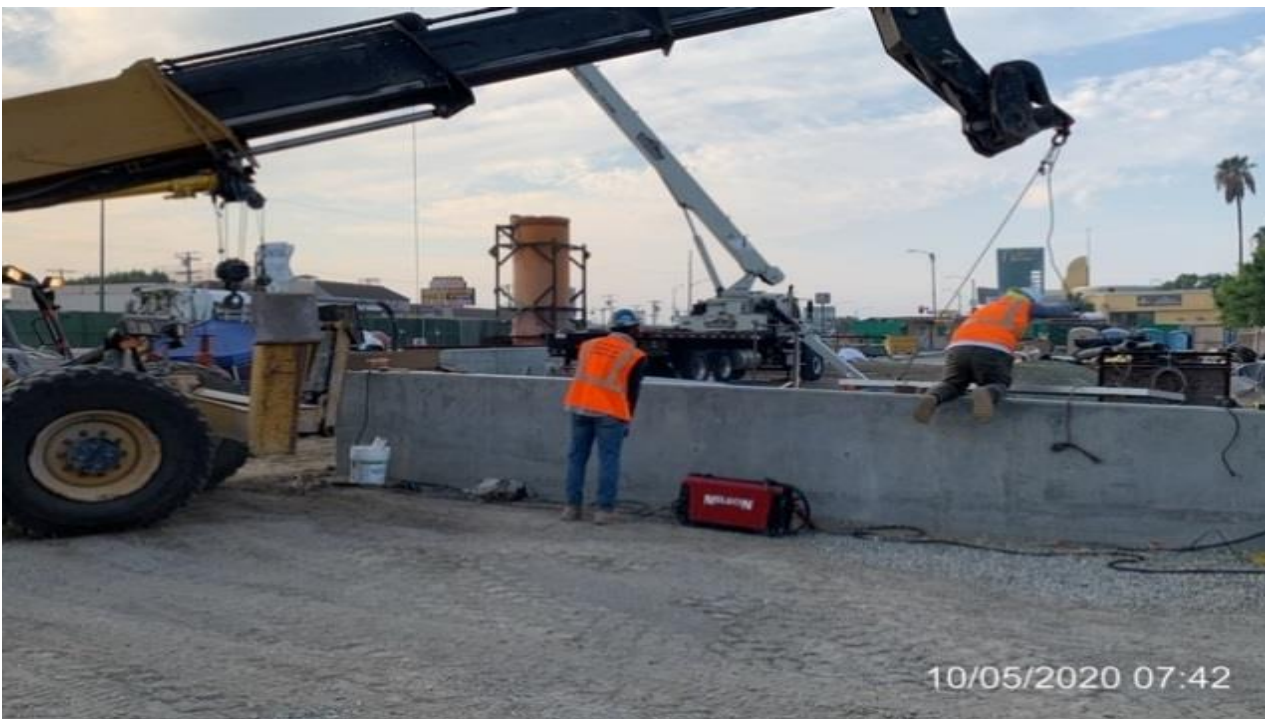


MLK STATION – Continue excavating for CCTV conduit for the pedestrian light poles at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Placing concrete for the CCTV conduit duct bank for the pedestrian light poles at the plaza level.



MLK STATION – Installing and securing grating panels for the Air Exhaust Shaft South at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

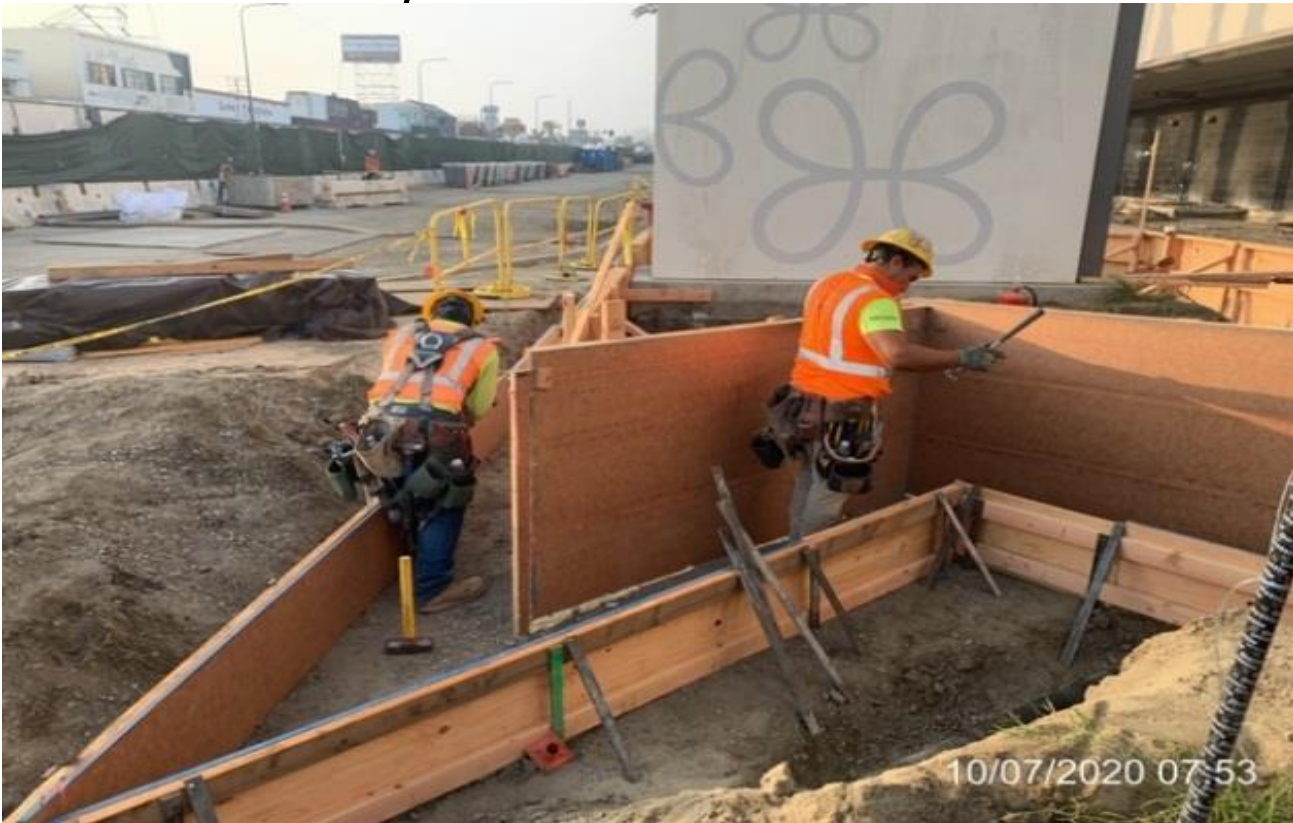


MLK STATION – Installing and connected main entrance canopy gutter drains to the plaza storm drain system.



MLK STATION – Building formwork for the north end planter wall at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue building formwork for the north end planter wall at the plaza level.



MLK STATION – Installing rebar to the north end planter wall footing at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue building formwork for the north end planter wall at the plaza level.

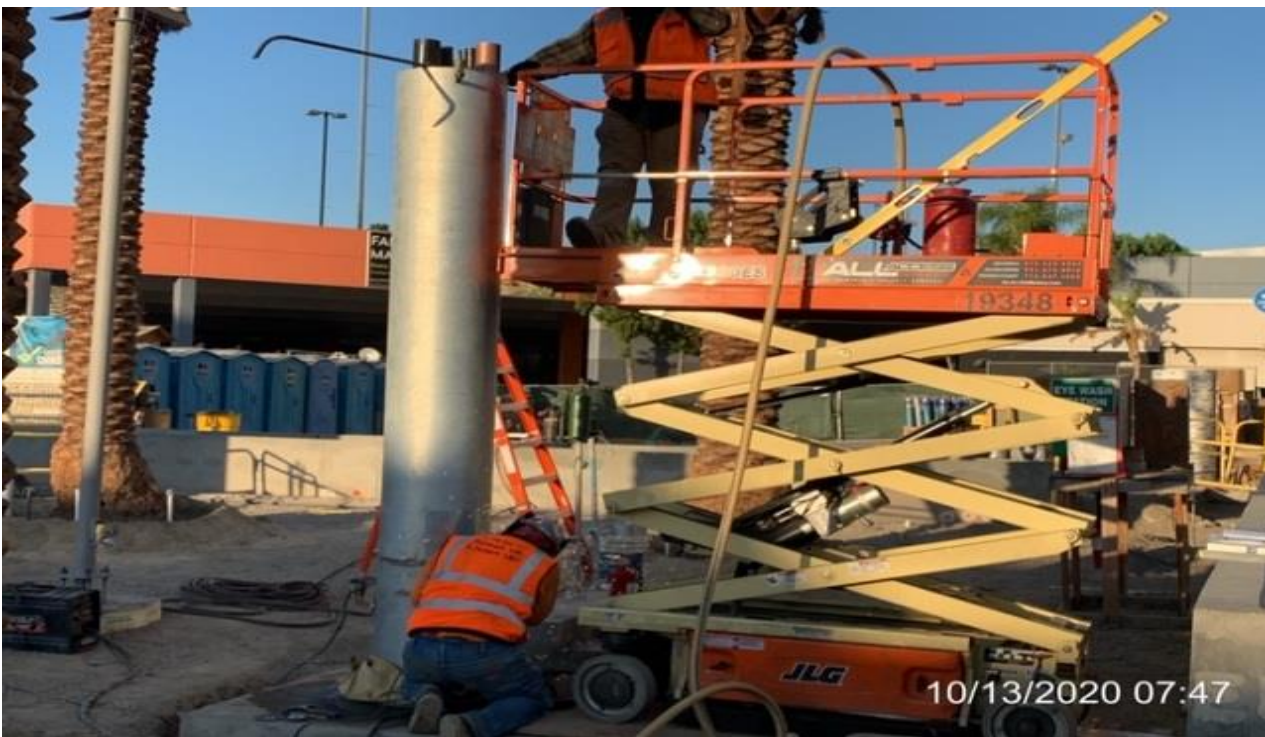


MLK STATION – Installing metal sleeve over the north plumbing vent stack at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Welding pipe clamps to the north and south plumbing vent stack at the plaza level.

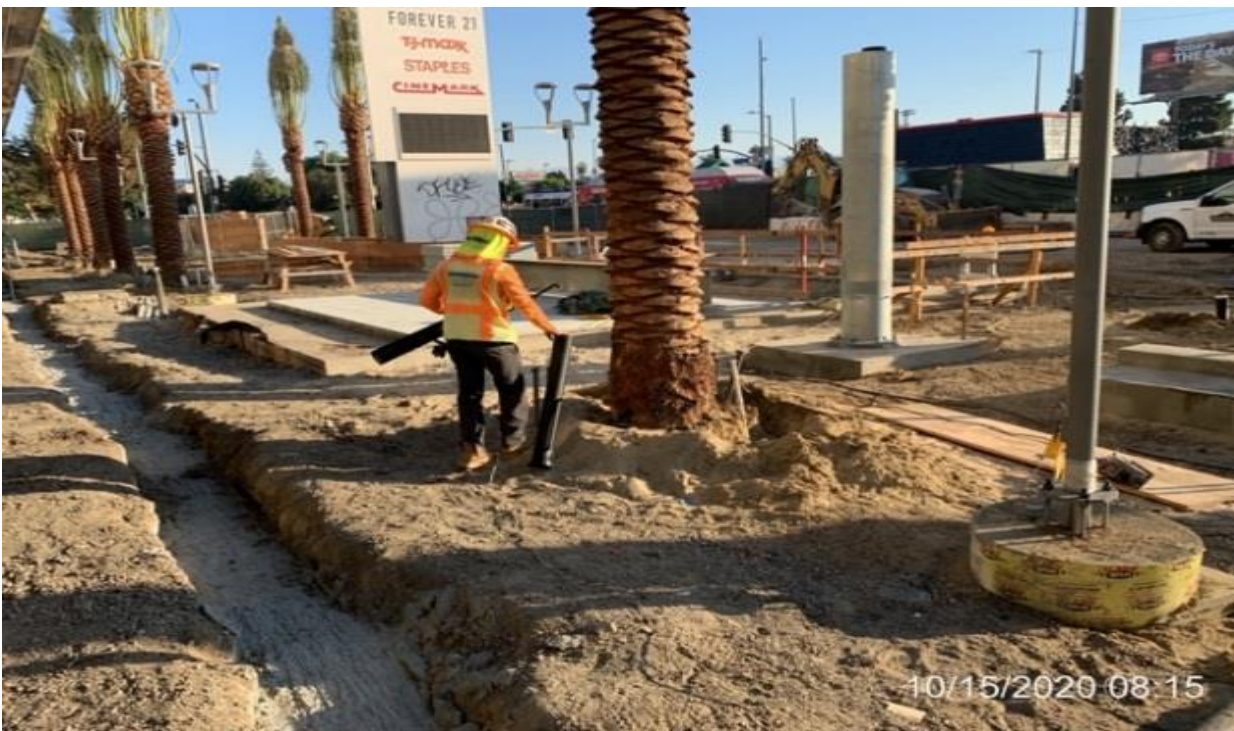


MLK STATION – Continue welding pipe clamps to the north and south plumbing vent stack at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Anchoring and aligning grating to Fresh Air Intake #1 at the plaza level.

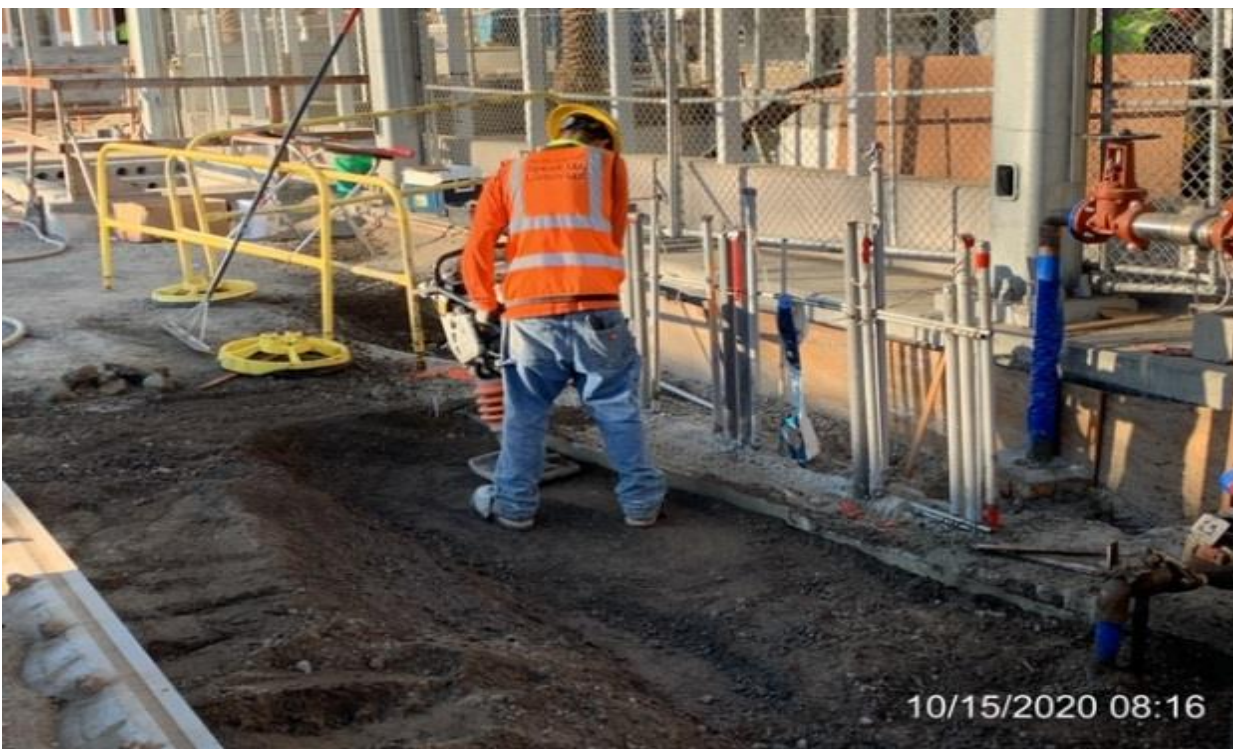


MLK STATION – Installing root watering system for the palm trees at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue installing root watering system and valves for the palm trees at the plaza level.

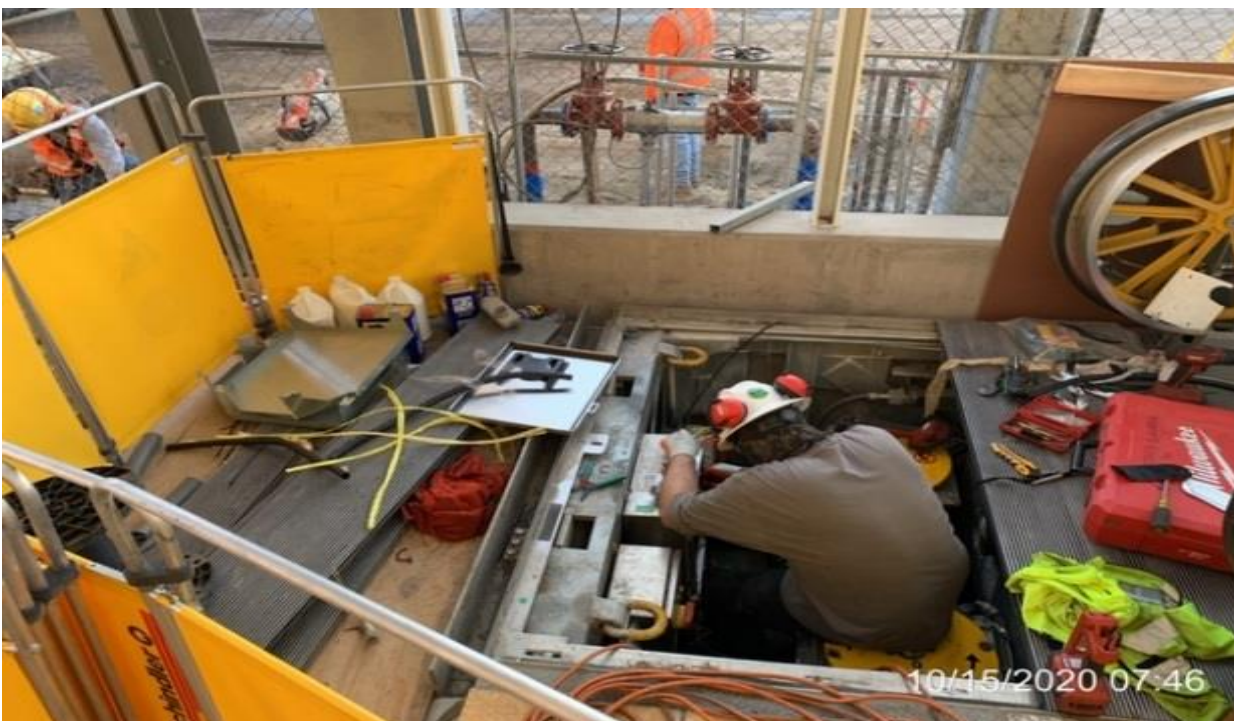


MLK STATION – Backfilling/compacting water utility encasement near the main entrance at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

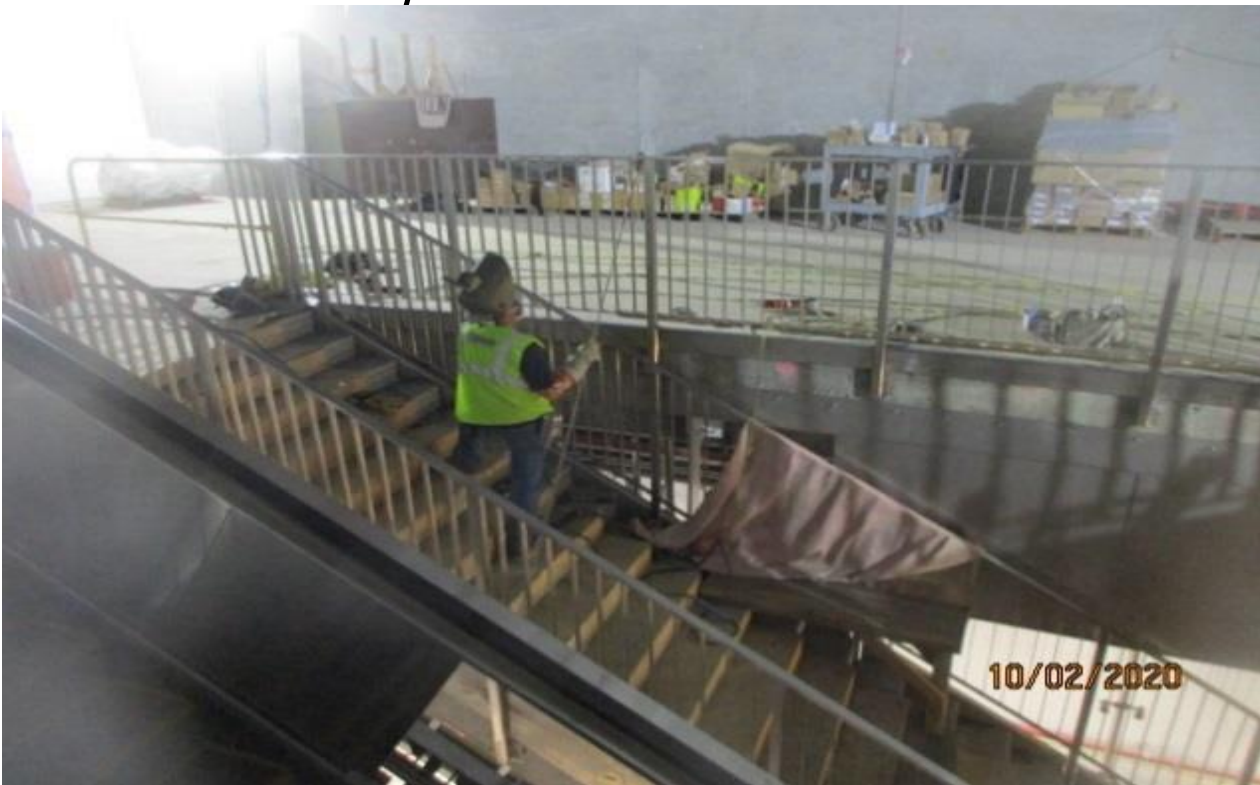


MLK STATION – Laying out for the center handrail of Staircase 1 from plaza to concourse level.



MLK STATION – Performing start-up/commissioning/energization work to power Escalators 1&2 at the main entrance.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

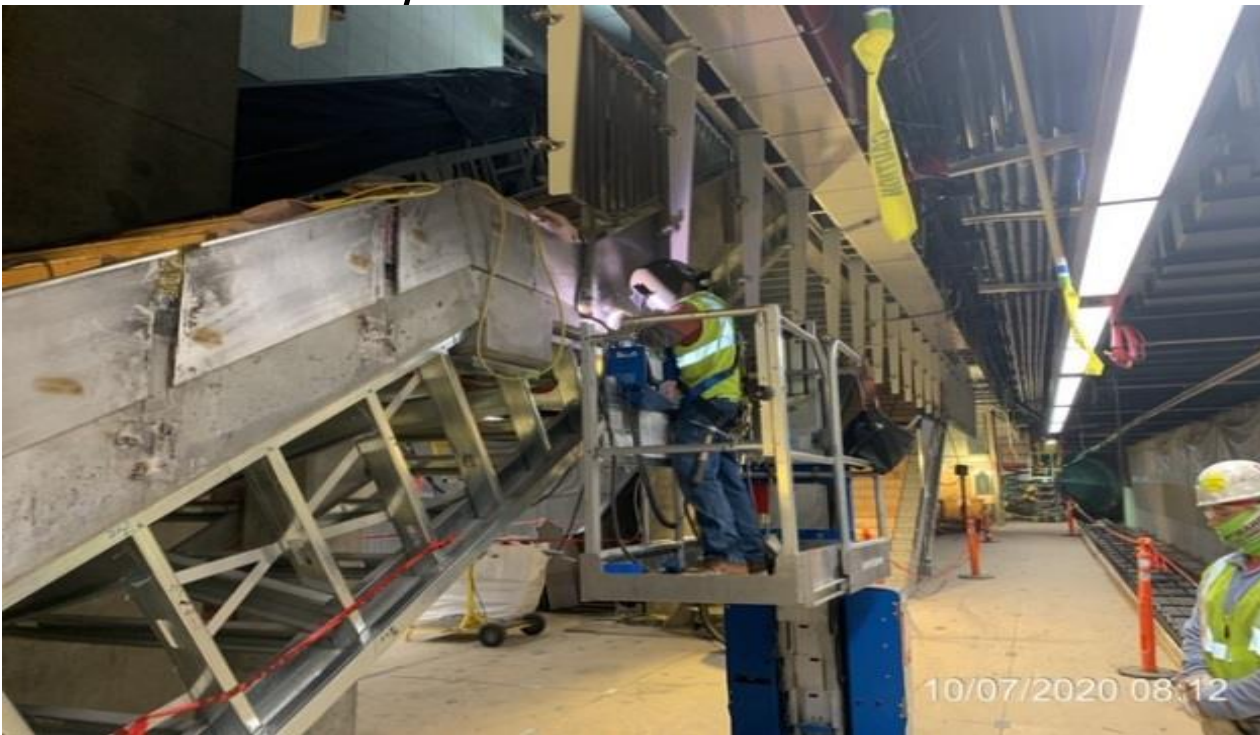


MLK STATION – Continue welding and finalizing guardrail finishes for Staircase #3 from concourse to platform level.



MLK STATION – Continue welding and finalizing guardrail finishes for Staircase #3 from concourse to platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue welding and installing guardrails to Staircase #2 from concourse to platform level.



MLK STATION – Continue welding and installing guardrails to Staircase #2 from concourse to platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue welding and installing guardrails to Staircase #2 from concourse to platform level.

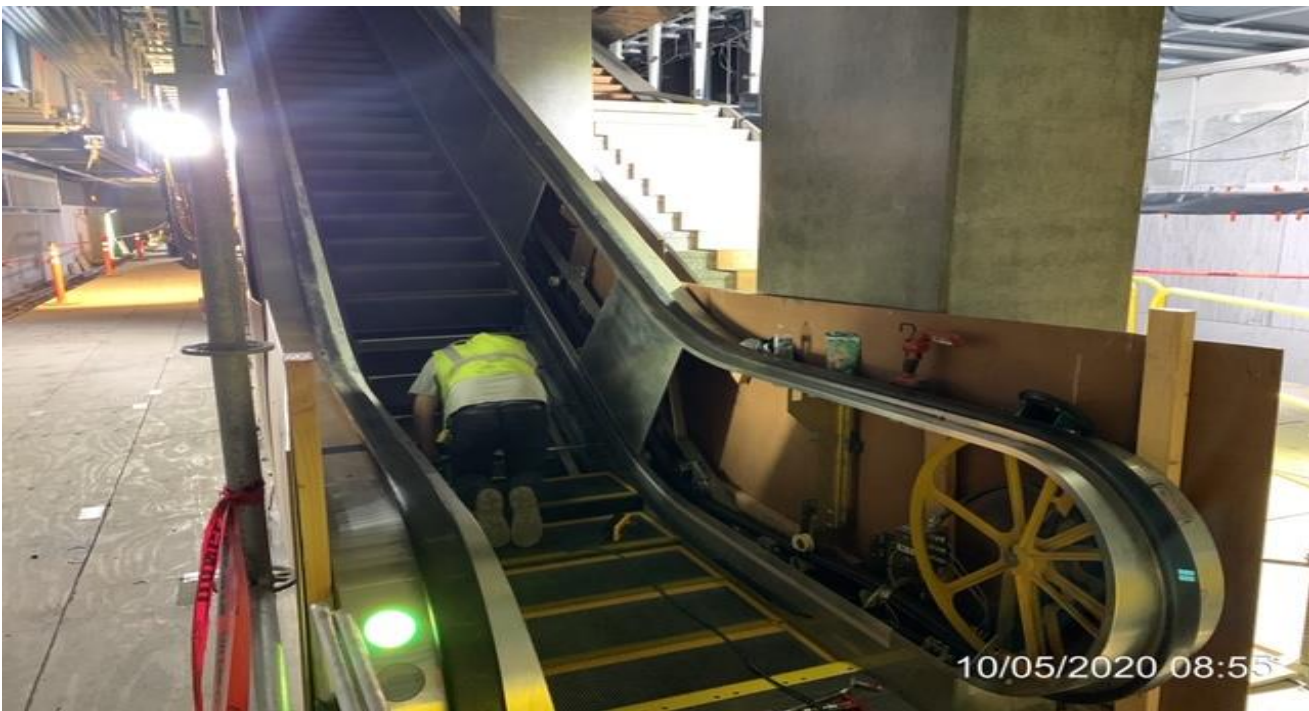


MLK STATION – Continue welding and installing guardrails to Staircase #2 from concourse to platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

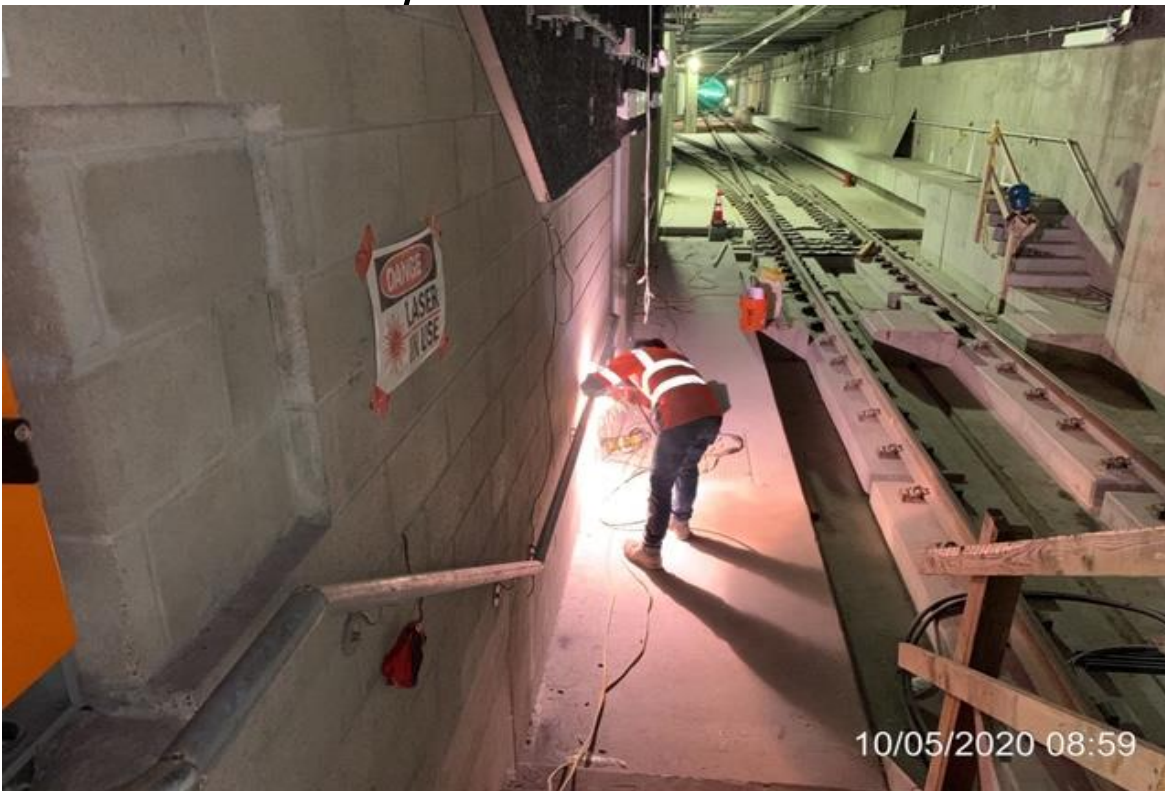


MLK STATION – Continue welding and installing guardrails to Staircase #2 from concourse to platform level.



EXPO STATION - Schindler making adjustments to elevators #1 through #4.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – McMahon installing hand rail at south back of house.



EXPO STATION– Large metal piece observed protruding from yard needs removal.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

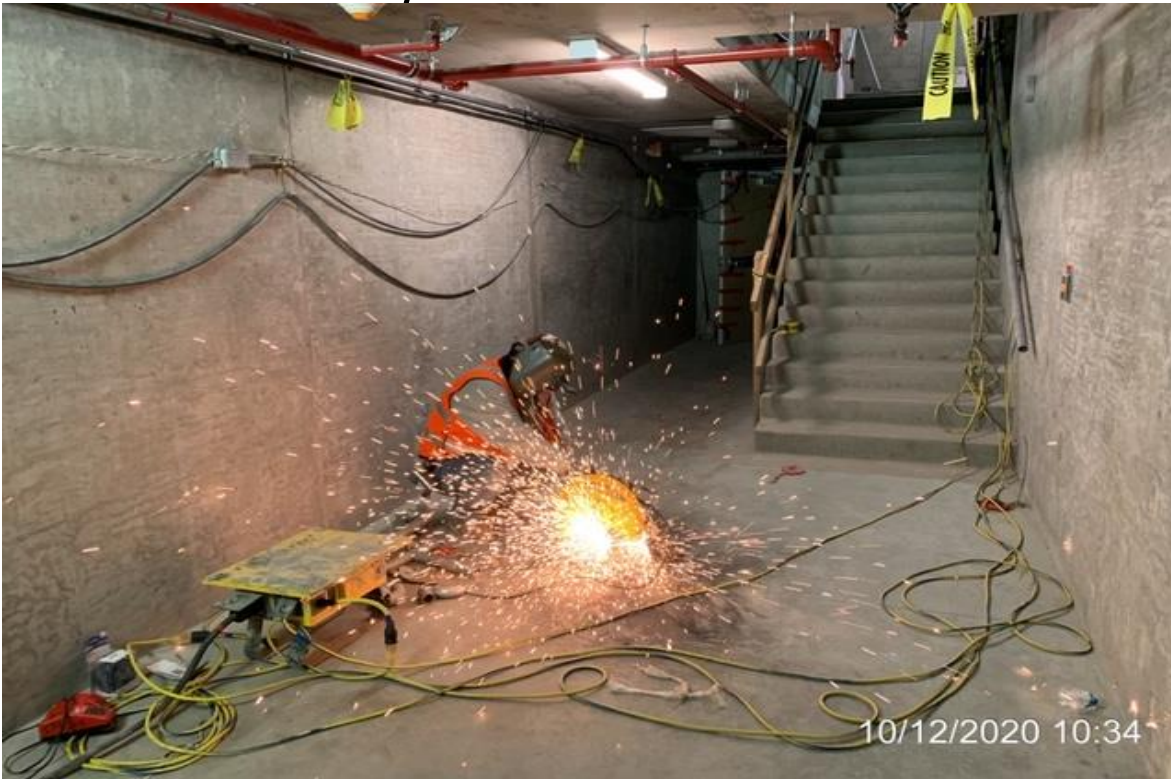


EXPO STATION– WSCC grading and compacting south end.



EXPO STATION – WSCC ironworkers installing ambient noise sensors.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – McMahon installing handrail at emergency exit stair south #2



EXPO STATION – WSCC crew placing concrete footing for grand pylon signage

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION– WSCC crew trenching for bollards on west side of station.



EXPO STATION– WSCC carpenter scanning platform slab for safety barrier install.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – WSCC ironworkers welding pipe clamps at top of vent stack.



EXPO STATION SITE – WSCC finishers patching and prepping wall for E-tel mount installation.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

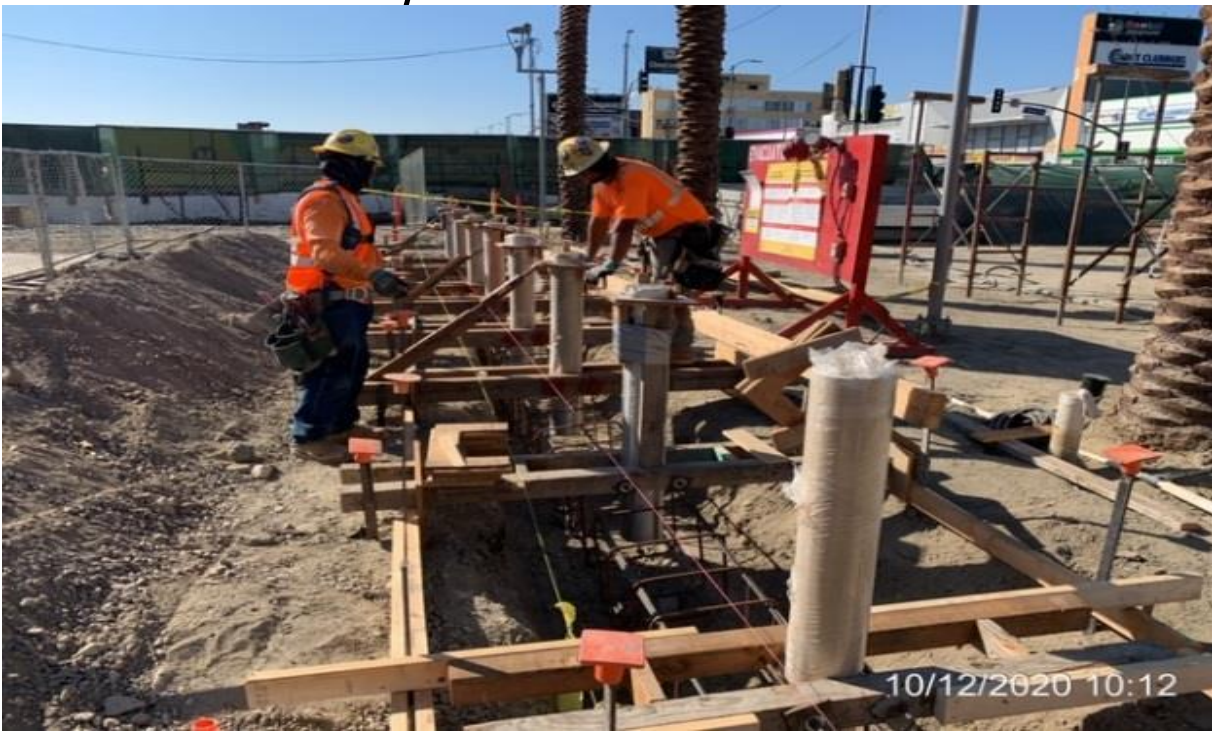


EXPO STATION SITE – WSCC crew hand digging to expose damaged drain pipes for repair.



EXPO STATION – WSCC carpenters building formwork for grand pylon footing.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – WSCC carpenters continue building formwork and setting bollards in place.



EXPO STATION – WSCC crew trenching for bollards on east side of station.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – IRP installing rebar for bollard footing.



EXPO STATION – Setting final elevations for access covers along northbound Crenshaw Blvd south of Obama Blvd.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Caulking and sealing expansion joints for the glass roof of the main entrance canopy at the plaza level.



EXPO STATION SITE– Continue rough grading/compacting throughout the plaza.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

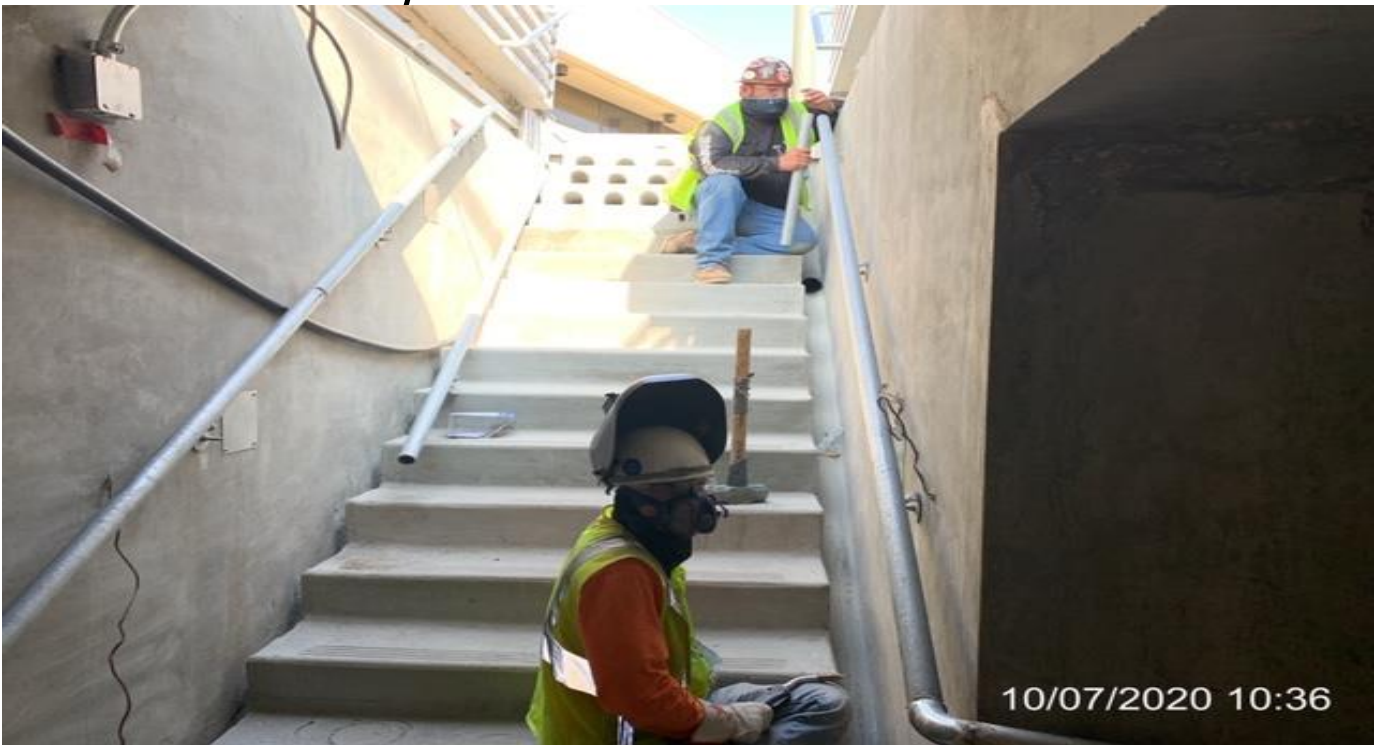


EXPO STATION – Continue rough grading/compacting throughout the plaza.

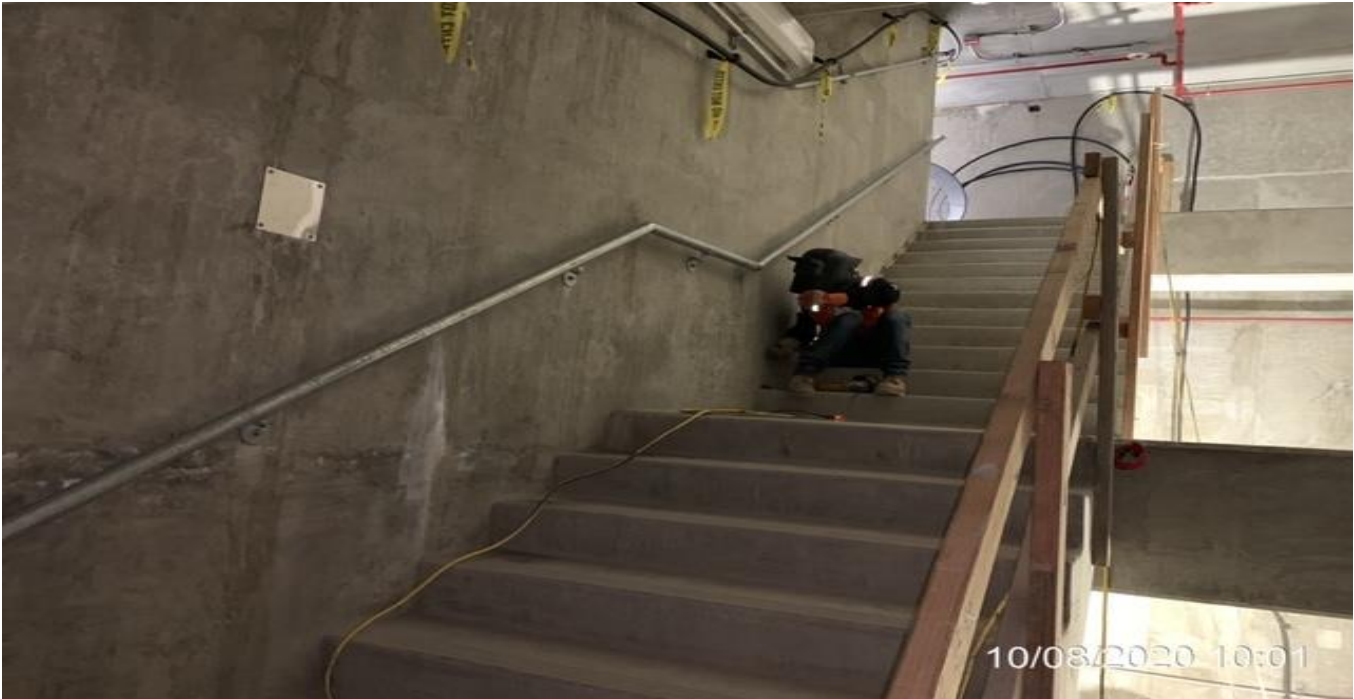


EXPO STATION – Continue rough grading/compacting throughout the plaza.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Continue installing galvanized handrails throughout Emergency Exit Stair North #2.



EXPO STATION – Continue installing galvanized handrails throughout Emergency Exit Stair North #2.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

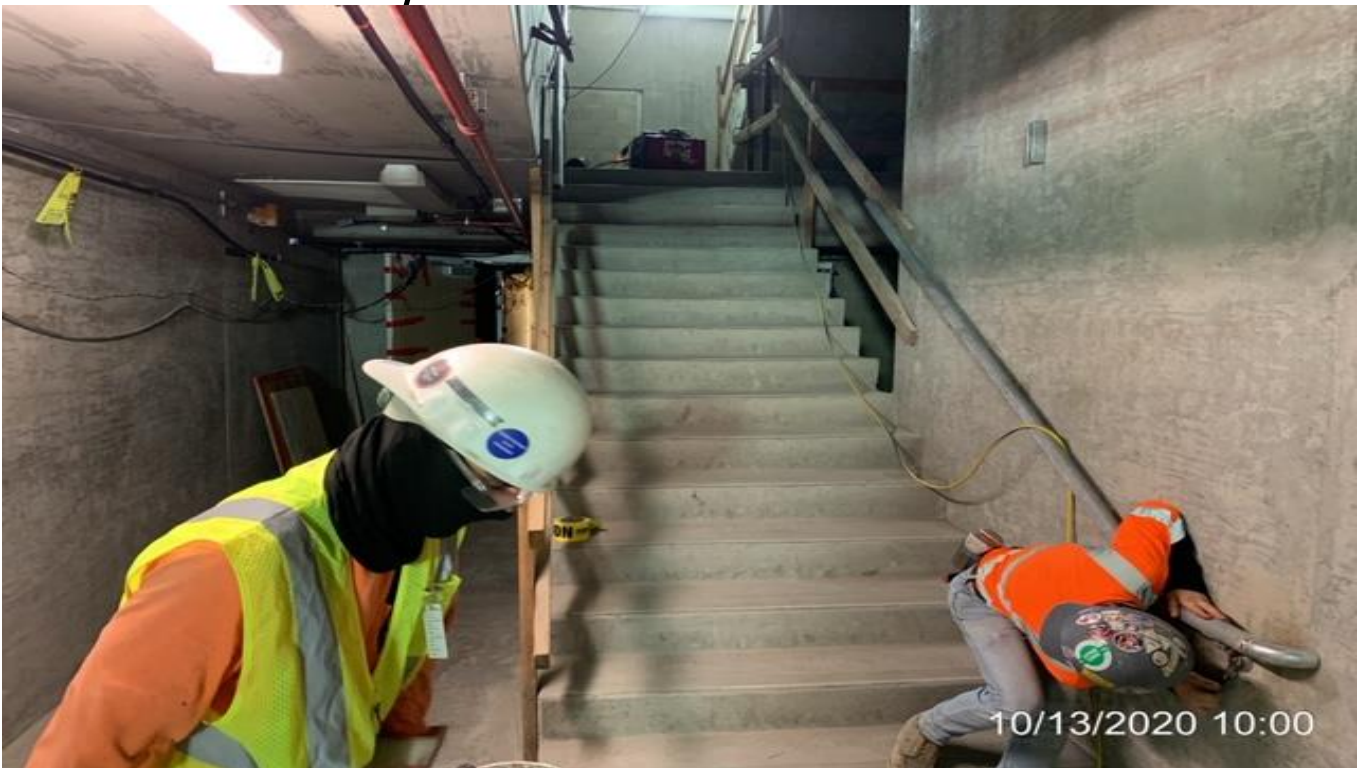


EXPO STATION – Continue installing galvanized handrails throughout Emergency Exit Stair South #2.



EXPO STATION – Continue installing grid support system and base plates for the mosaic art wall at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Continue installing galvanized handrails throughout Emergency Exit Stair South #2.



EXPO STATION – Building formwork for the grand pylon foundation footing at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

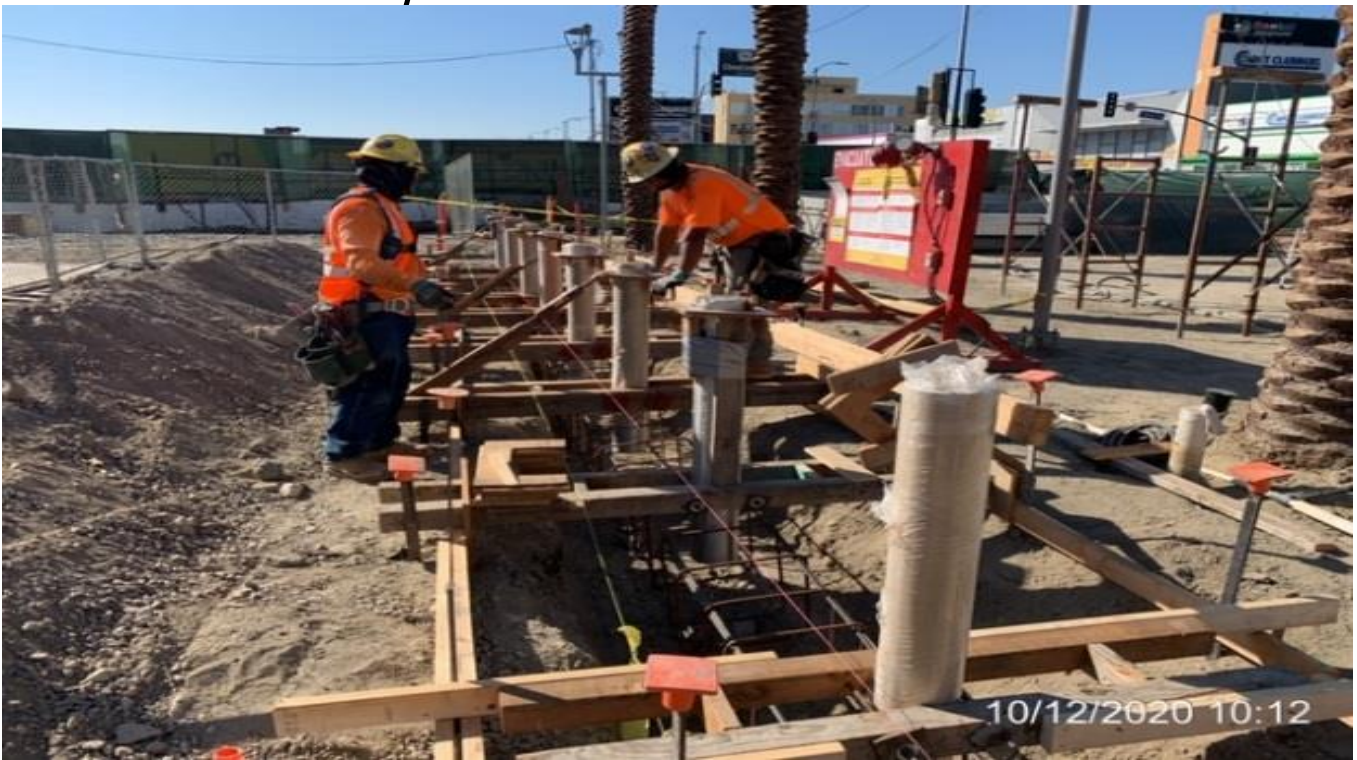


EXPO STATION – Placing concrete for the grand pylon foundation footing at the plaza level.



EXPO STATION - Building formwork and setting the east side bollard foundations at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Continue building formwork and setting the east side bollard foundations at the plaza level.



EXPO STATION – Continue building formwork, setting, and excavating for the east side bollard foundations at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Setting rebar and placing concrete for the east side bollard foundations at the plaza level.



EXPO STATION – Continue building formwork and setting the east side bollard foundations at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

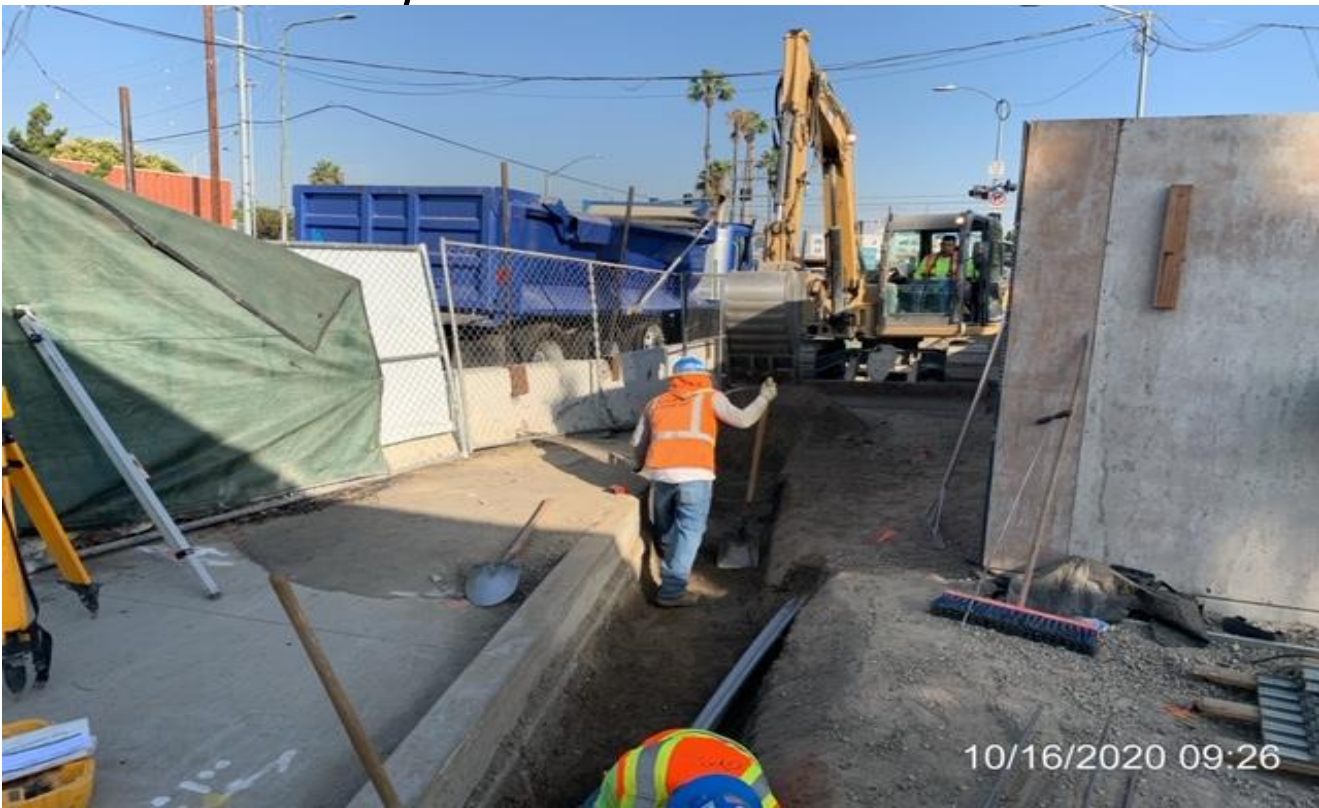


EXPO STATION – Continue building formwork and setting the east side bollard foundations at the plaza level.



EXPO STATION – Excavating/trenching for the west side bollard foundations at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

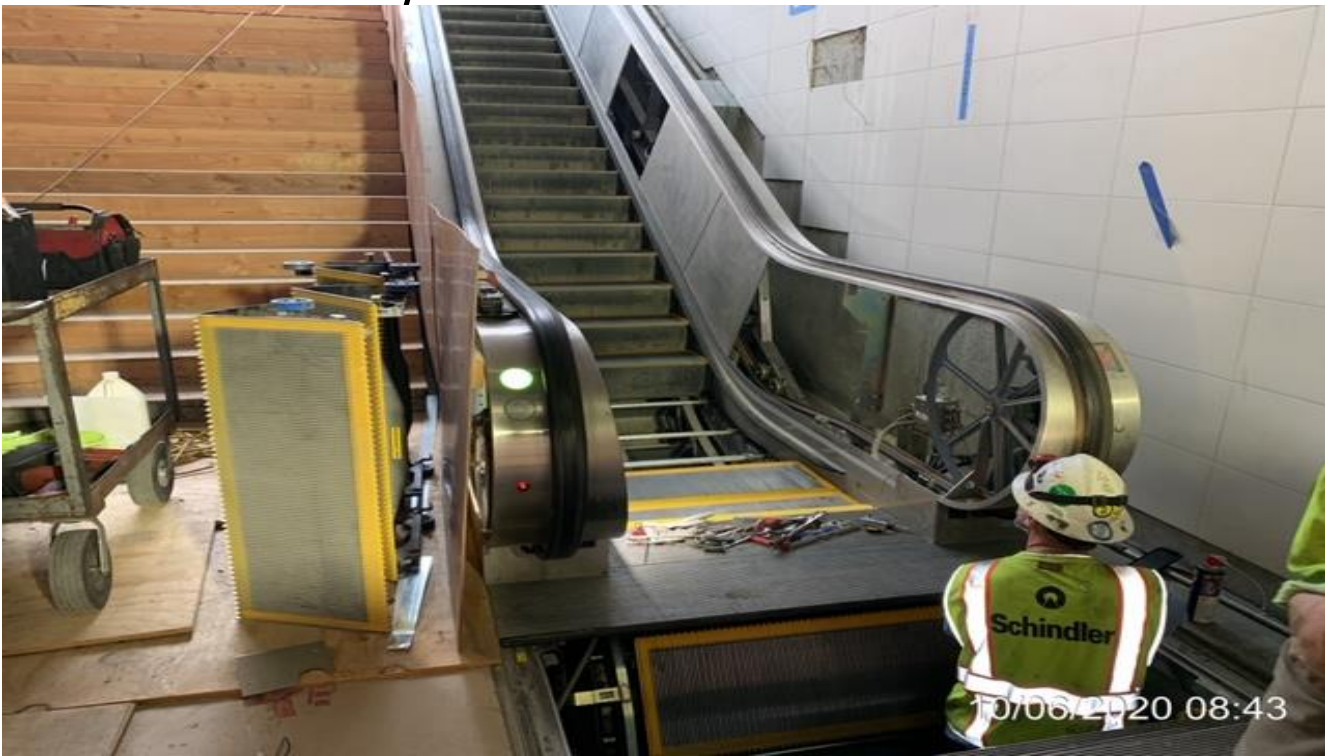


EXPO STATION – Continue excavating/trenching for the west side bollard foundations at the plaza level.



EXPO STATION – Welding pipe clamps to the east plumbing vent stack at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

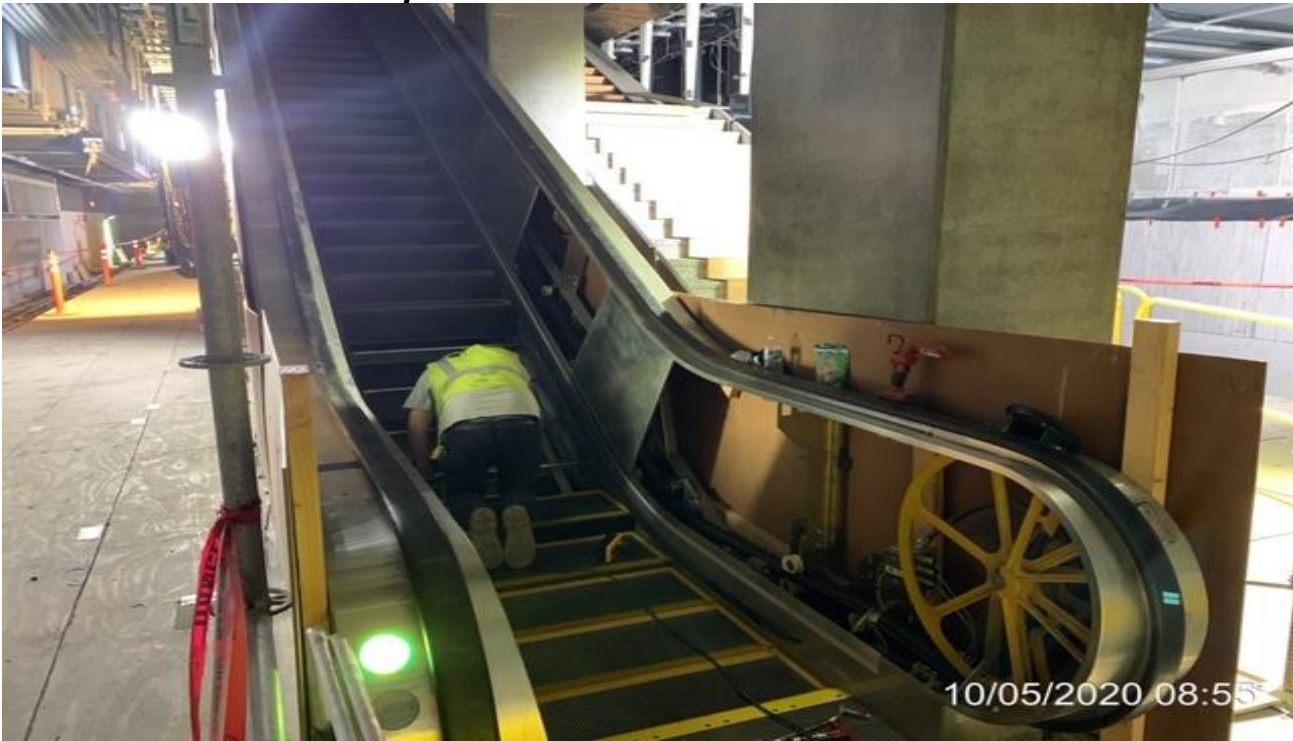


EXPO STATION – Performing start-up and energization work for Escalator 2 at the concourse level.

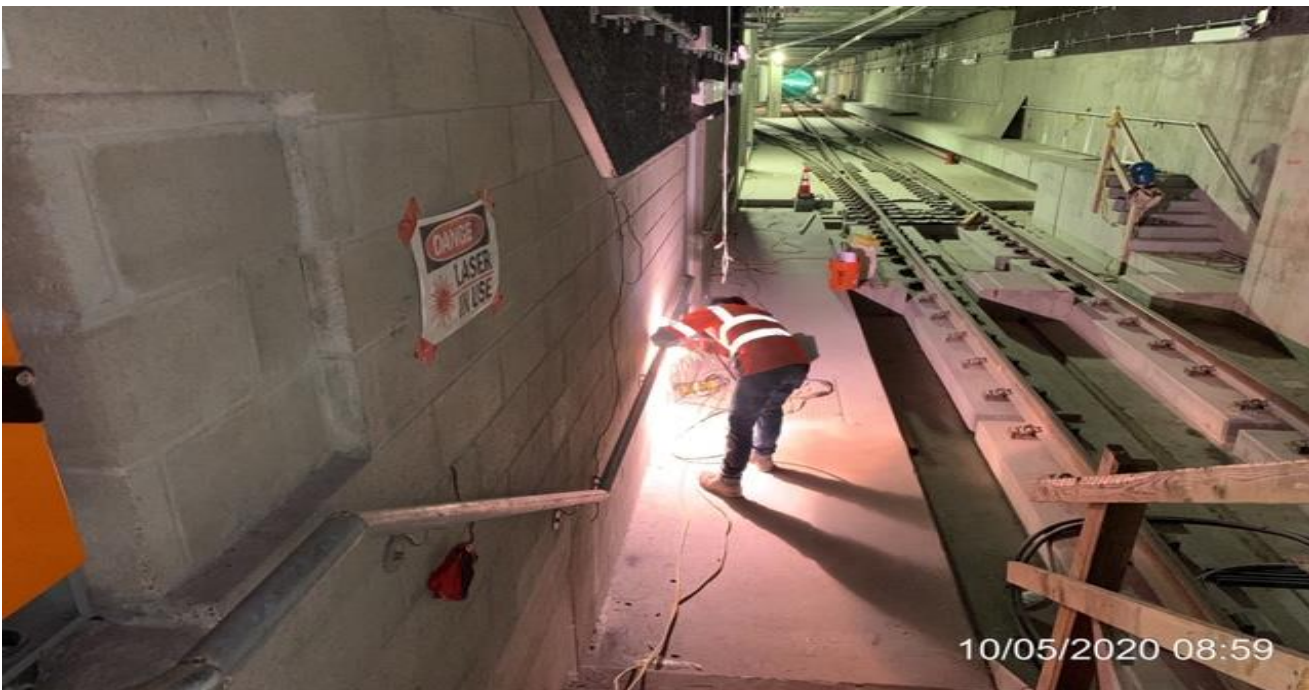


EXPO STATION – Installing ceiling access hatch panels at Emergency Exit Corridors 2&3 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

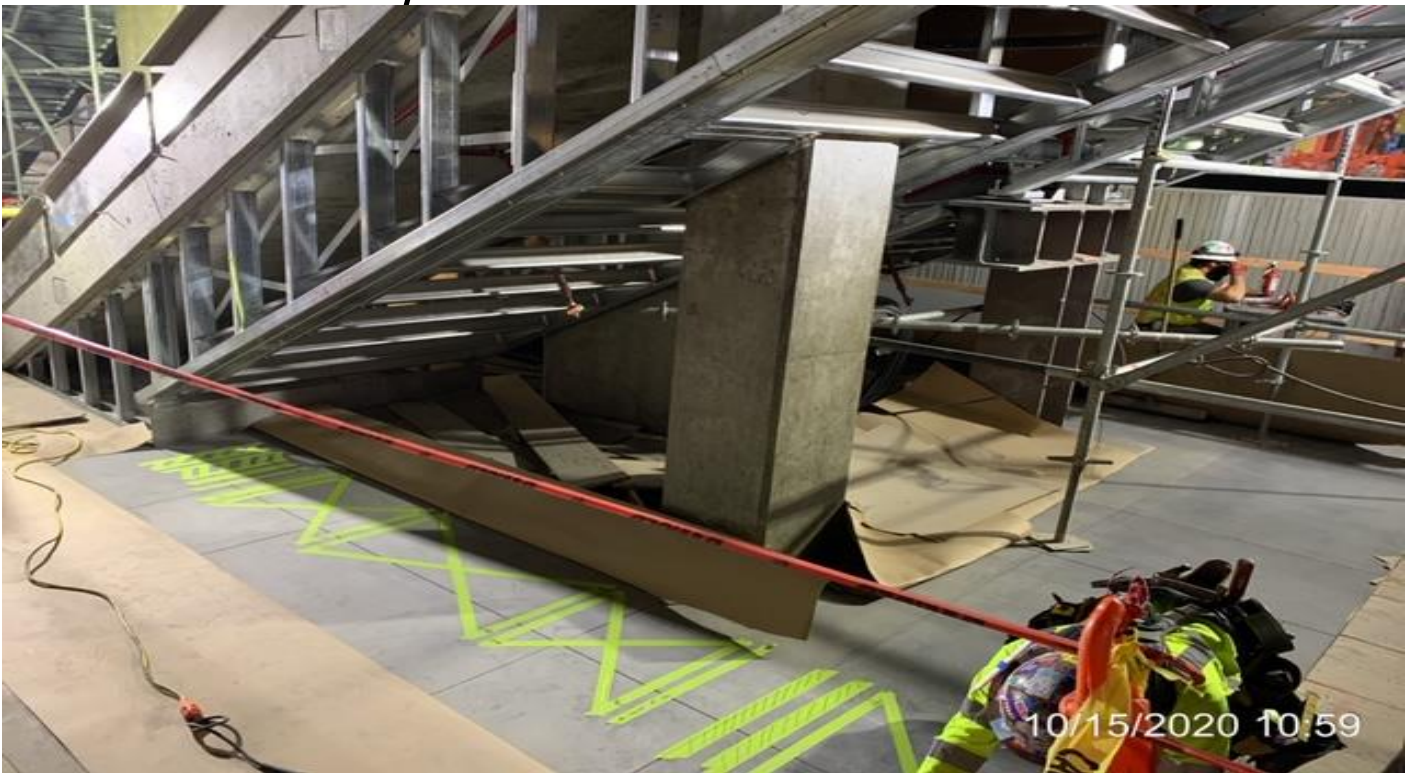


EXPO STATION – Performing start-up and energization work for Escalators 3&4 at the platform level.



EXPO STATION – Installing handrails for the South Back of House emergency walkway at the southbound platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Scanning platform slab for safety barrier installation underneath the sides of all the Escalators/Stairs.

SEGMENT C:

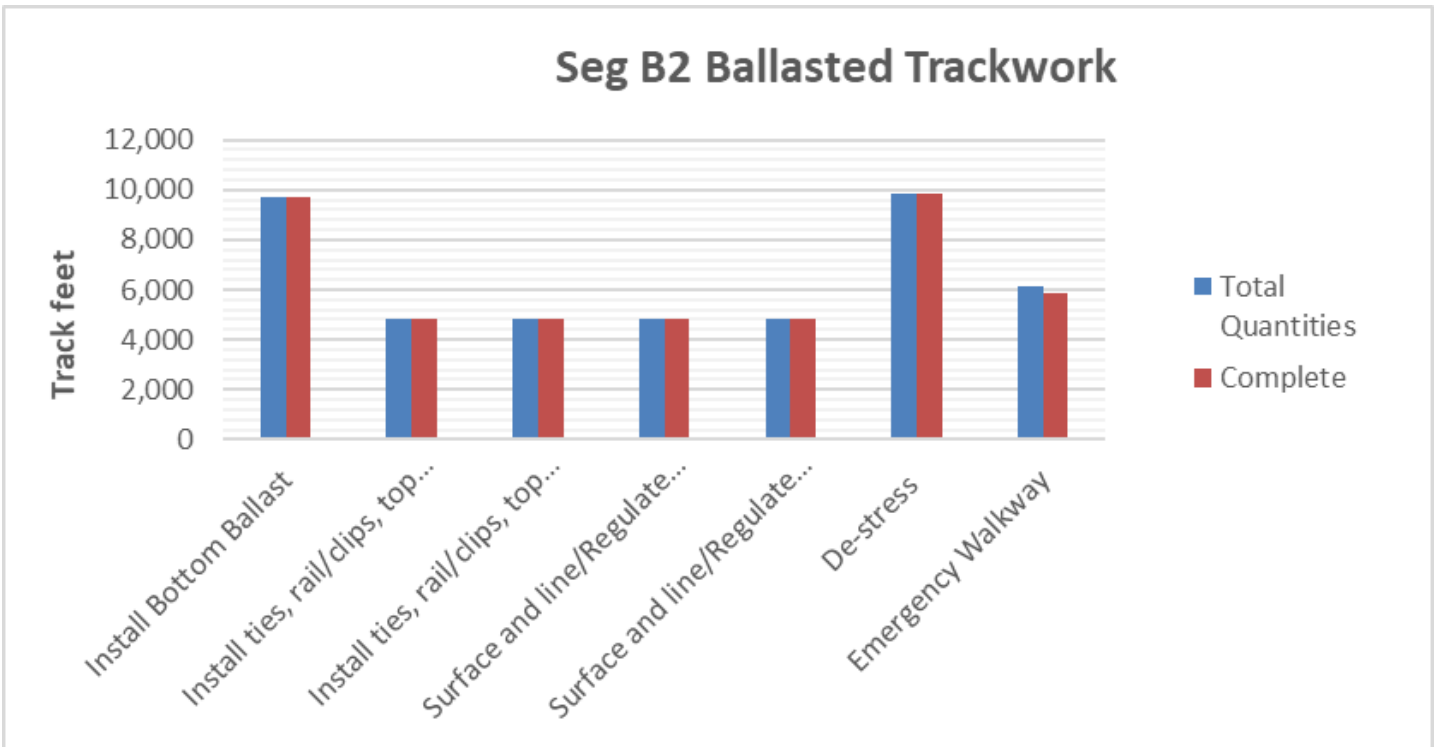
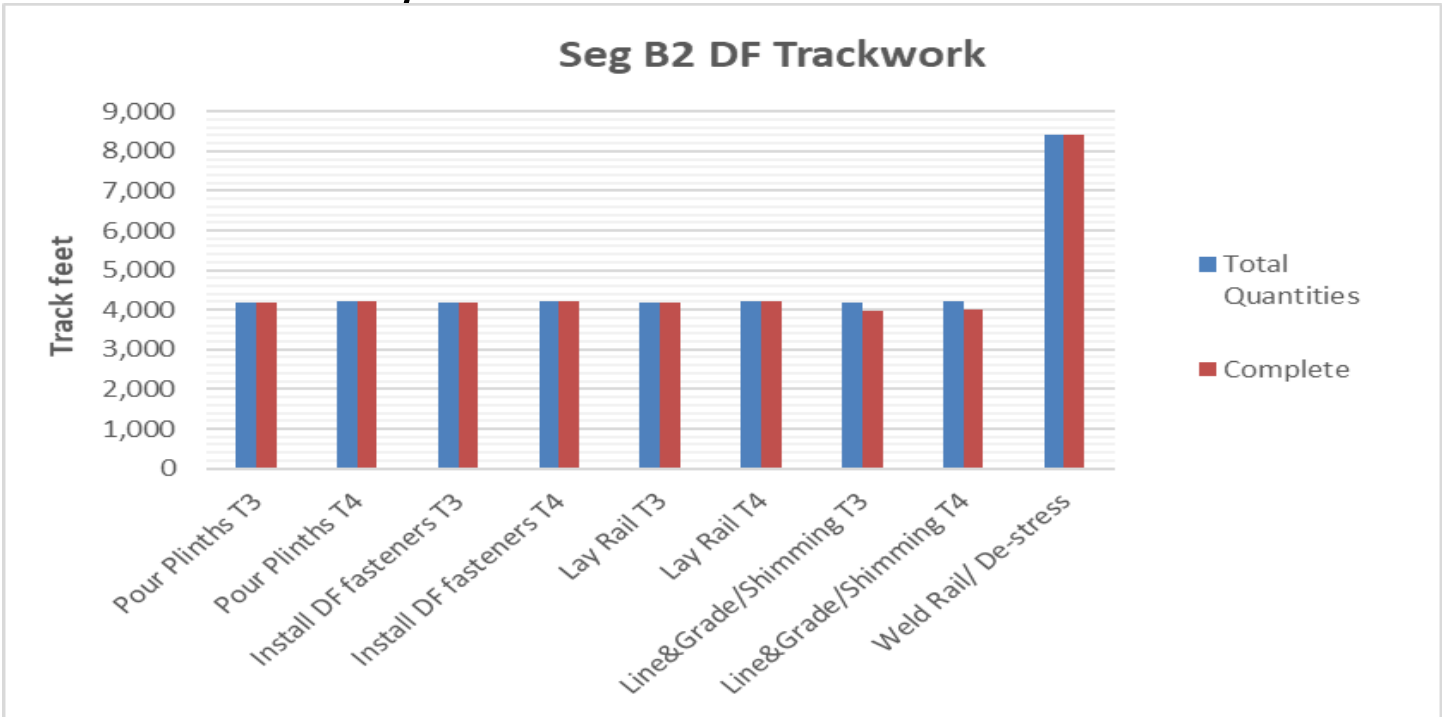
- Rework of plinth gap to invert continues throughout the Segment resetting and adjusting fasteners and sealing plinth to invert joints.
- Rework to replace damaged switch points is in progress.
- Rework of VHRF fasteners is still required due to missing shims and incorrect installation.
- Rework of plinths is still required due to damage by chipping and cracks.
- Incomplete plinth work.
- Rework of the Top-of-Rail is still required due to gouges in the rail.
- Replacement of plinths with failed inserts continues; awaiting pull test for new inserts.

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PROJECT WIDE TRACKWORK PROGRESS

	TRACK TYPE	ACTIVITY	TRACK FEET/QUANTITY	INSTALLED TO DATE	REMAINING	ACTIVITY % PROGRESS	Potential Rework *	Punchlist **
								(Complete/Incomplete)
SEGMENT B2	DF (8,408 TF)	Pour Plinths T3	4,193	4193	0	100.00%		
		Pour Plinths T4	4,215	4,215	0	100.00%		
		Install DF fasteners T3	4,193	4193	0	100.00%	*	
		Install DF fasteners T4	4,215	4215	0	100.00%	*	
		Lay Rail T3	4,193	4193	0	100.00%	*	
		Lay Rail T4	4,215	4215	0	100.00%	*	
		Line&Grade/Shimming T3	4,193	3983	210	95.00%		INC
		Line&Grade/Shimming T4	4,215	4004	211	94.99%		INC
		Weld Rail/ De-stress	8,408	8408	0	100.00%		
		Emergency Walkway						
	Acceptance for turnover to subcontractors	yes/no	no					
	BALLASTED TRACKWORK (9681 TF including grade crossings)	Install Bottom Ballast	9,681	9681	0	100.00%	*	INC
		Install ties, rail/clips, top ballast -T3	4,836	4836	0	100.00%	*	
		Install ties, rail/clips, top ballast -T4	4,845	4845	0	100.00%	*	
		Surface and line/Regulate T3	4,836	4836	0	100.00%	*	
		Surface and line/Regulate T4	4,845	4845	0	100.00%	*	
		De-stress	9,861	9861	0	100.00%		
		Emergency Walkway	6148	5840	308	94.99%		
	Acceptance for turnover to subcontractors	yes/no	no					
	SPECIAL TRACKWORK	Ballasted Single Crossover (U1/U2, V1/V2)	2	2	0	100.00%		INC
Thermite Welds		56	56	0	100.00%			
Insulated Joints (I's)		12	12	0	100.00%	*	INC	
Acceptance for turnover to subcontractors	yes/no	no						
GRADE X-ING	Construct Crossing (48th, 50th, 52nd, 54th, 57th, 59th, Slausen)	7	6	1	85.71%			
SEGMENT C	DF (16,756 TF)	Pour Plinths T3	8,385	8385	0	100.00%	*	INC
		Pour Plinths T4	8,371	8371	0	100.00%	*	INC
		Install DF fasteners T3 (VHRF installed - pending NCR)	8,385	7965	420	94.99%	*	
		Install DF fasteners T4 (VHRF installed - pending NCR)	8,371	7952	419	94.99%	*	
		Lay Rail T3	8,385	8385	0	100.00%	*	
		Lay Rail T4	8,371	8371	0	100.00%	*	
		Line&Grade/Shimming T3	8,385	7546	839	89.99%	*	INC
		Line&Grade/Shimming T4	8,371	7533	838	89.99%	*	INC
		Emergency Walkway						
		Acceptance for turnover to subcontractors	yes/no	no				
	SPECIAL TRACKWORK	DF Double Crossover (Diamond)	1	1	0	100.00%	*	
		Line&Grade/Shimming	1	1	0	100.00%	*	
		Thermite Welds	56	56	0	100.00%		
		Insulated Joints (I's)	20	20	0	100.00%	*	
		Acceptance for turnover to subcontractors	yes/no	no				
DF =	Direct Fixation							
T3 =	Track 3							
T4 =	Track 4							
TF =	Track Feet							
*	Potential for rework based on recent guideway survey. Total impact of rework is unknown at this time.							
**	Punchlist Complete/Incomplete: Indicates the completion (COMP) or Incompletion (INC) of identified punchlist items							

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