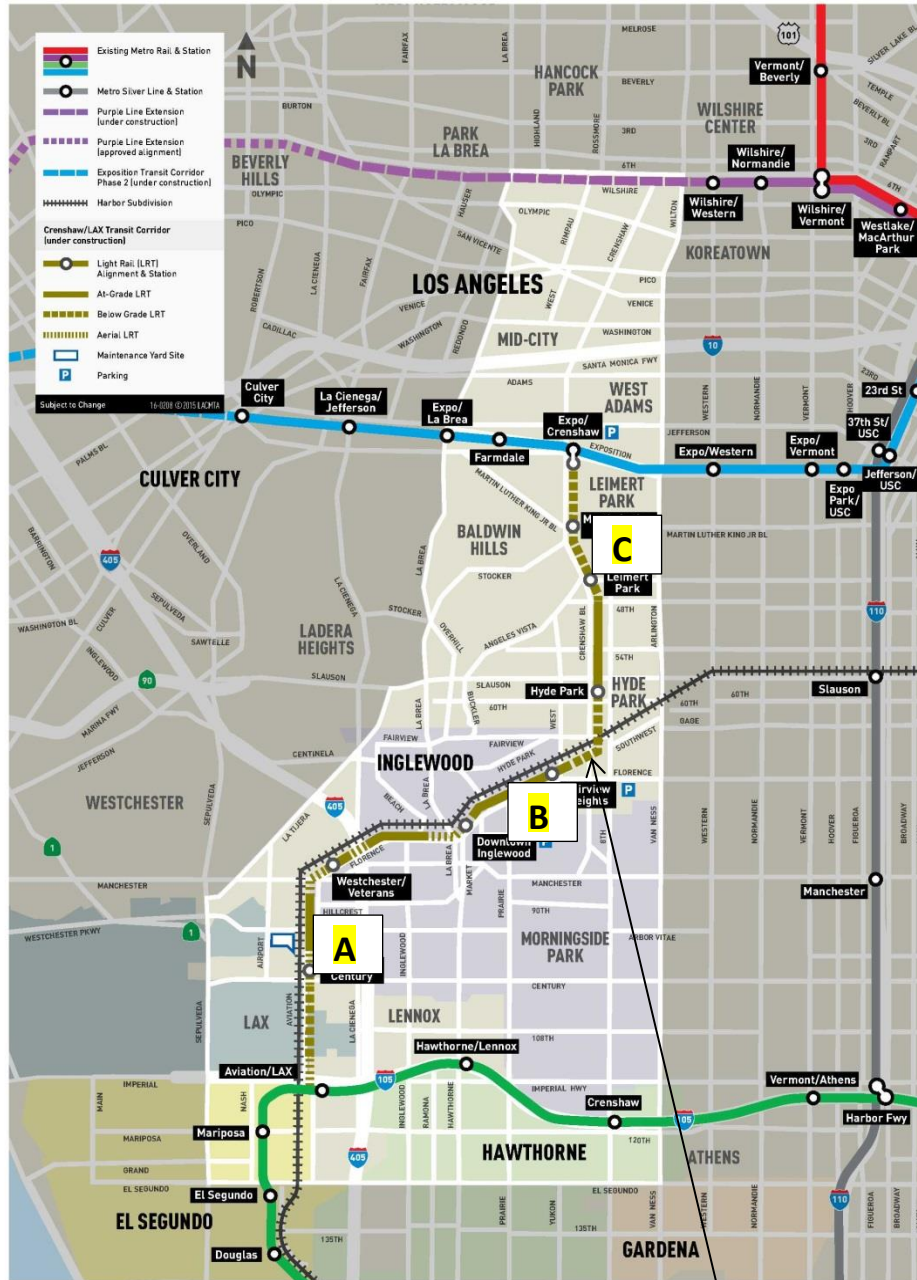


CRENSHAW/LAX PHOTOGRAPHIC UPDATE

March 17, 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 03/02/2020-03/31/2020
(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 Note: WSCC continues the investigation of MSE Wall #202 where track misalignment has occurred. A geotechnical report is in process of being prepared and a repair plan will be prepared by WSCC upon receipt of the final report. WSCC also continues investigating the process to repair the gap between the plinth ends and the invert slab in Segment C.

WSCC has resumed rework of the plinths for the Movable Point Frog on the Green Line Wye and began the relocation of incorrectly placed IJs in Segment B2.

GREEN LINE TIE-IN:

- Rework is still required for guard rail which had been installed with not-per-plan OTM
- Rework is still required for several temporary Insulated Joints (IJs) from the Green Line Tie-in across the Imperial Bridge to Segment A Guideway STATION 13+00
- Rework is still required for the inserts for the Movable Point Frog STA 13+99
- Rework resumes for the plinths for the Movable Point Frog on the Green Line Wye STA 13+99

SEGMENT B1:

- Disturbed ballast due to systems electrical conduit relocations continues to be repaired and re-dressed.
- Field Investigation of track mis-alignment due to settlement of MSE Wall #202L is completed. Soil testing results are still in process and will be reported upon completion.

SEGMENT B2:

- Disturbed ballast due to systems electrical conduit relocations continues to be repaired and re-dressed.
- Rework begins to relocate incorrectly installed Insulated Joints (IJs) for train control on both north and south bound tracks south of 57th Street.

SEGMENT C:

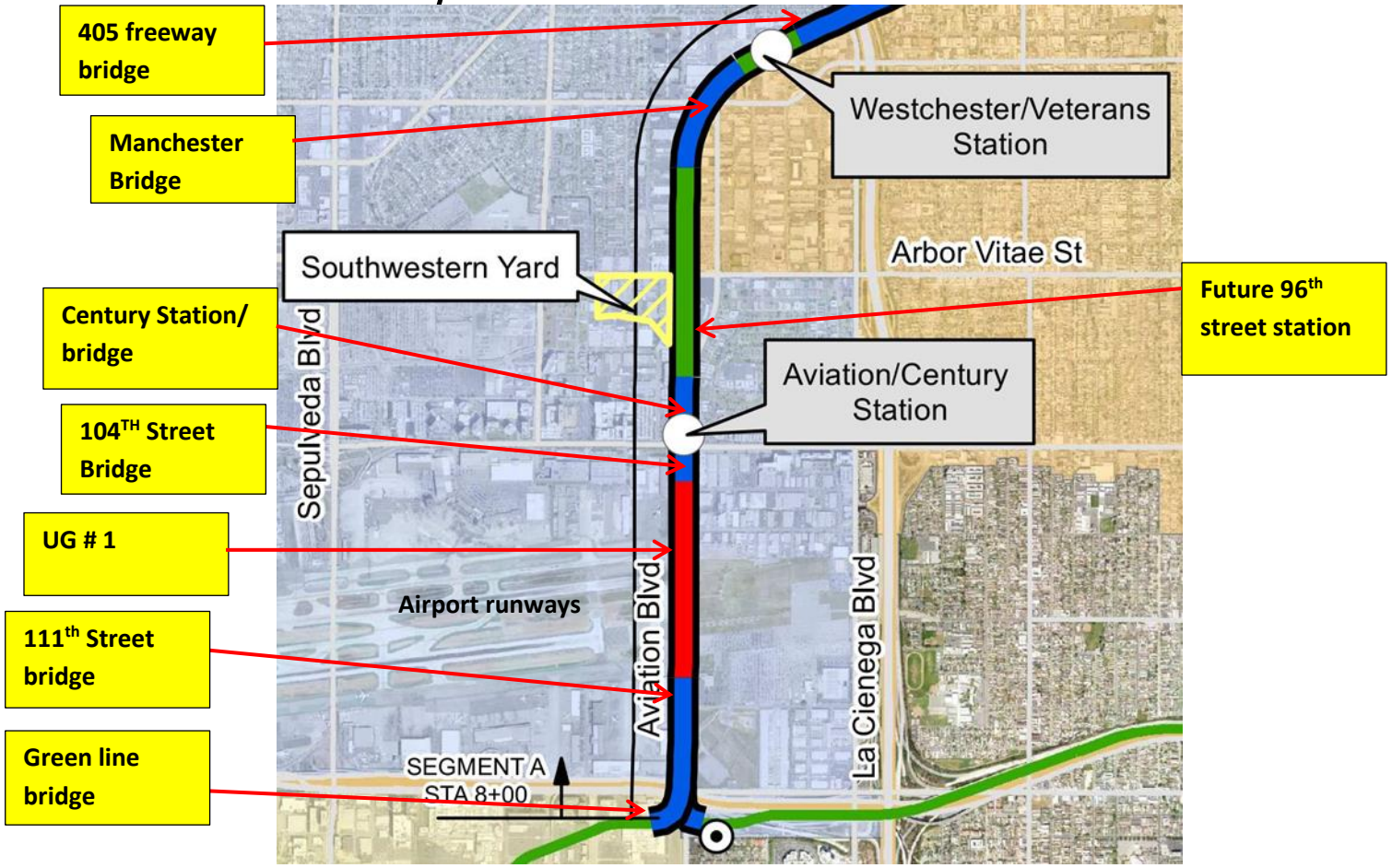
- Rework of VHRF fasteners is still required due to missing shims and incorrect installation.
- Incomplete Double Crossovers due to parts shortage.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

- 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.
- Investigation of a possible repair process for plinth to invert gap continues.

Segment A

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - MPF at GL Wye STA 13+90 incomplete work on concrete.

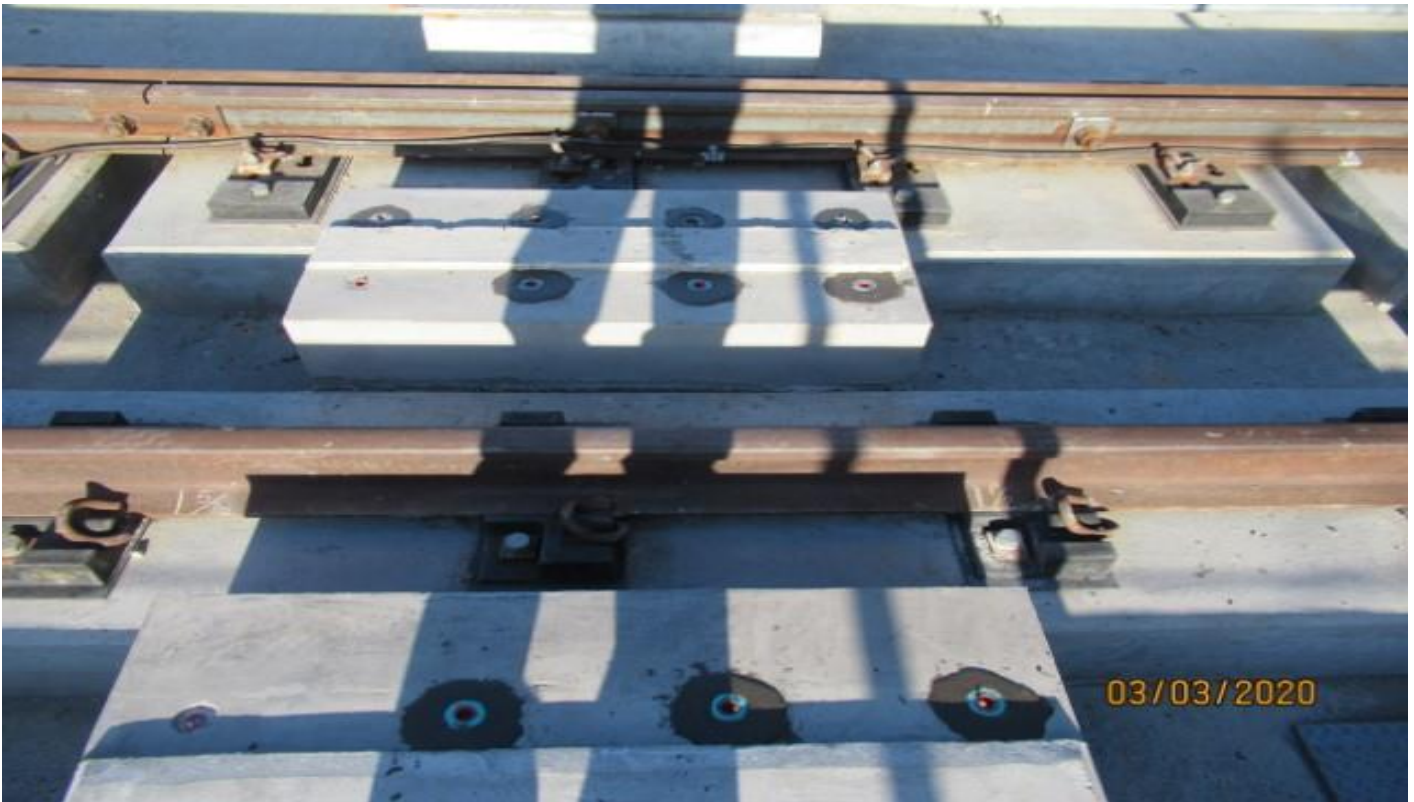


GUIDEWAY - Taper gauge under fastener plate east leg of wye.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - WSCC setting up workstation for grinding insert epoxy on inserts for crossing on west leg of wye STA 13+01.



GUIDEWAY - East leg of wye crossing STA 12+66 incomplete work.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - HCC raising rails on MPF for repair work on concrete slab at GL Wye.



GUIDEWAY - WSCC preforming repair work on concrete slab for even surface under fasteners MPF STA 13+90 GL Wye.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - WSCC checking plane on surface for concrete MPF at GL Wye STA 13+90 (looking north) Rework



GUIDEWAY - WSCC hand grinding epoxy on concrete foundation for west leg of Wye STA 13+01

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - WSCC Concrete foreman checking elevation differences between gauge & field side of slab on MPF at GL Wye STA 13+90



GUIDEWAY - WSCC Concrete foreman hand grinding concrete slab under rails for MPF at GL Wye STA 13+90.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - HCC on NB1300 track east leg of Wye removing debris from bridge deck (looking east)



GUIDEWAY - WSCC QC track inspector verifying cross level & track gauge on NB1300 track GL Wye STA 10+75 .

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



GUIDEWAY - MPF at GL Wye STA 13+90 incomplete work on concrete.



GUIDEWAY - Taper gauge under fastener plate east leg of wye.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Imperial Hwy - STA14+00_ Looking South_ XING3_ Set components_ Imperial



Imperial Hwy - STA14+00_ Looking North_ XING3_ Set-up switch rods_ Imperial.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



La Cienega/Florence - Select Electric Removing foundations at La Cienega and Florence.

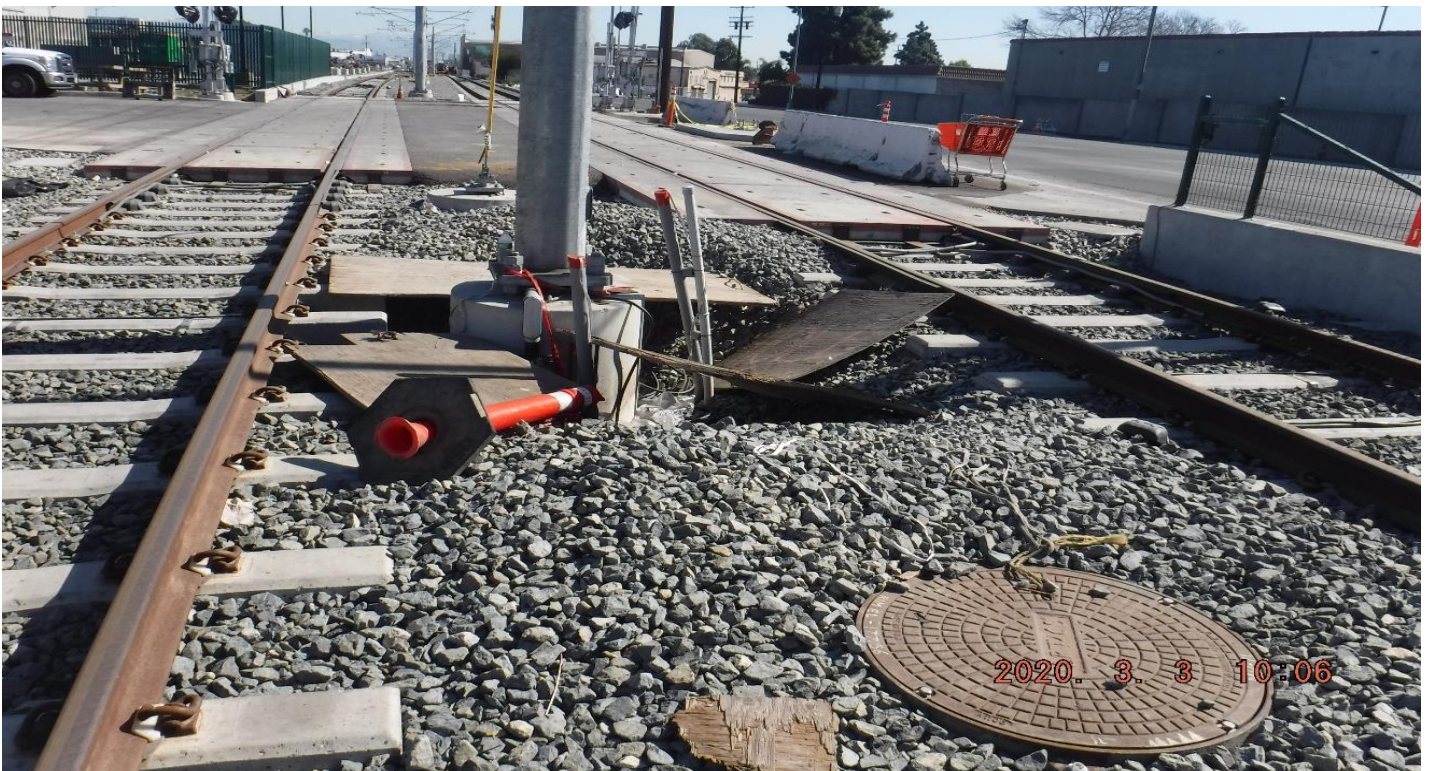


La Cienega/Florence - Excavating for the traffic signal foundations on La Cienega. Facing NE.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Florence/Ivy - STA255+50_ Looking South_ AC Xwalk before repair between rails_ High



Florence/Ivy - STA256+10_ Looking North_ Disturbed track structure OCS#1212_ PUNCH LIST_ High.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Florence/Ivy - STA256+10_ Looking North_ Disturbed track structure OCS#1212_ PUNCH LIST_ High.

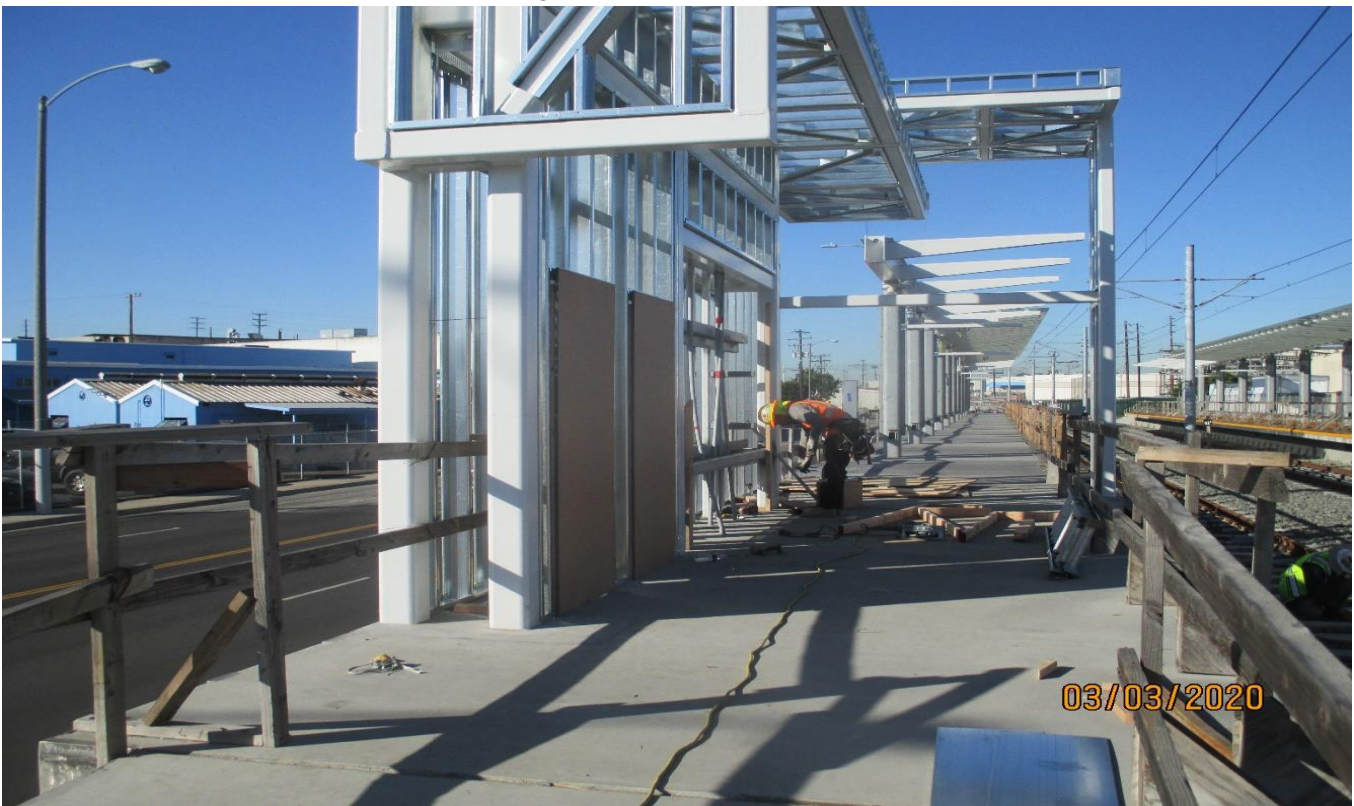


Florence/Ivy - Select Electric Repair damaged conduit between High and Prairie.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



HINDRY AVE- Metal stud framing at the Hindry Station.



HINDRY AVE- TVM mock up at the NB Hindry Station platform.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



HINDRY AVE- Ticket vending machine mock-up construction at the Hindry Station NB platform.



HINDRY AVE- Ticket vending machine mock-up construction and metal stud framing at the Hindry Station SB platform.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MANCHESTER AVE- Sidewalk grading at Manchester.



MANCHESTER AVE- Drain that was forgotten and need to be placed in the sidewalk on Manchester.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MANCHESTER AVE- Parking lot drain in the sidewalk on the north side of Manchester.



MANCHESTER AVE- Forming for concrete for the sidewalk on the north side of Manchester.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

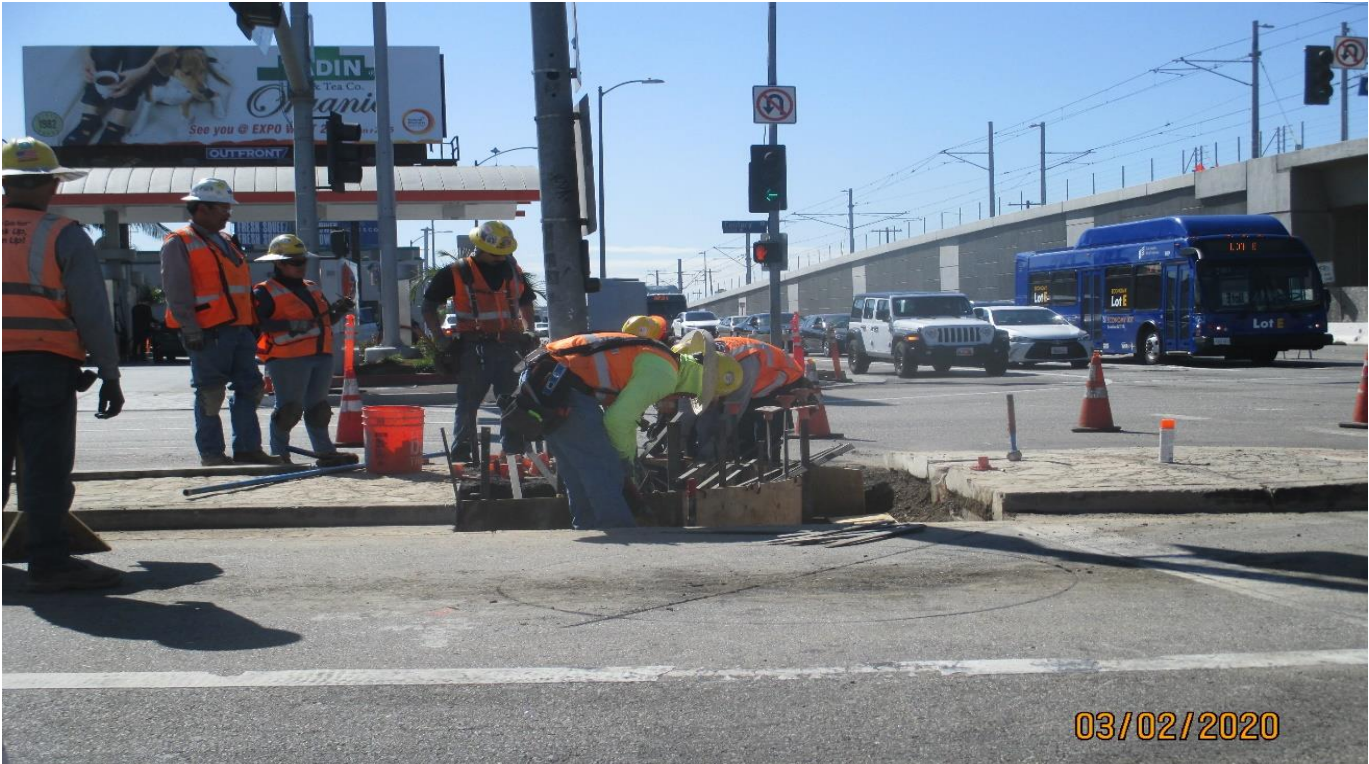


MANCHESTER AVE- Slot paving for the El Pollo Loco driveway on Manchester. Facing west.



MANCHESTER AVE- Parking lot drain that was forgotten on Manchester. Facing north.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Forming the median bull nose on the east side of Century and Aviation.



AVIATION/CENTURY- Drilling light pole foundations at the Aviation Station plaza area.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

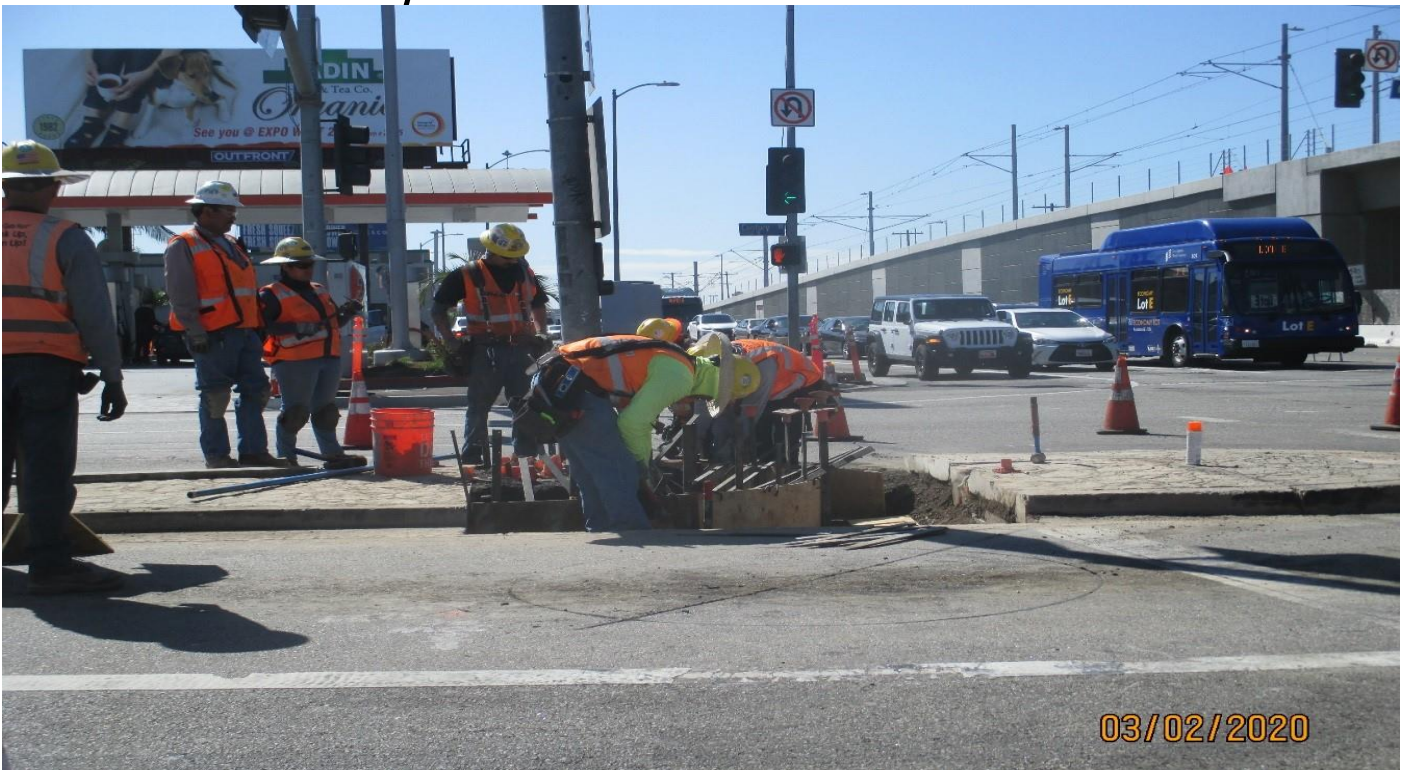


AVIATION/CENTURY- Grading for the Aviation Station plaza and parking lot.

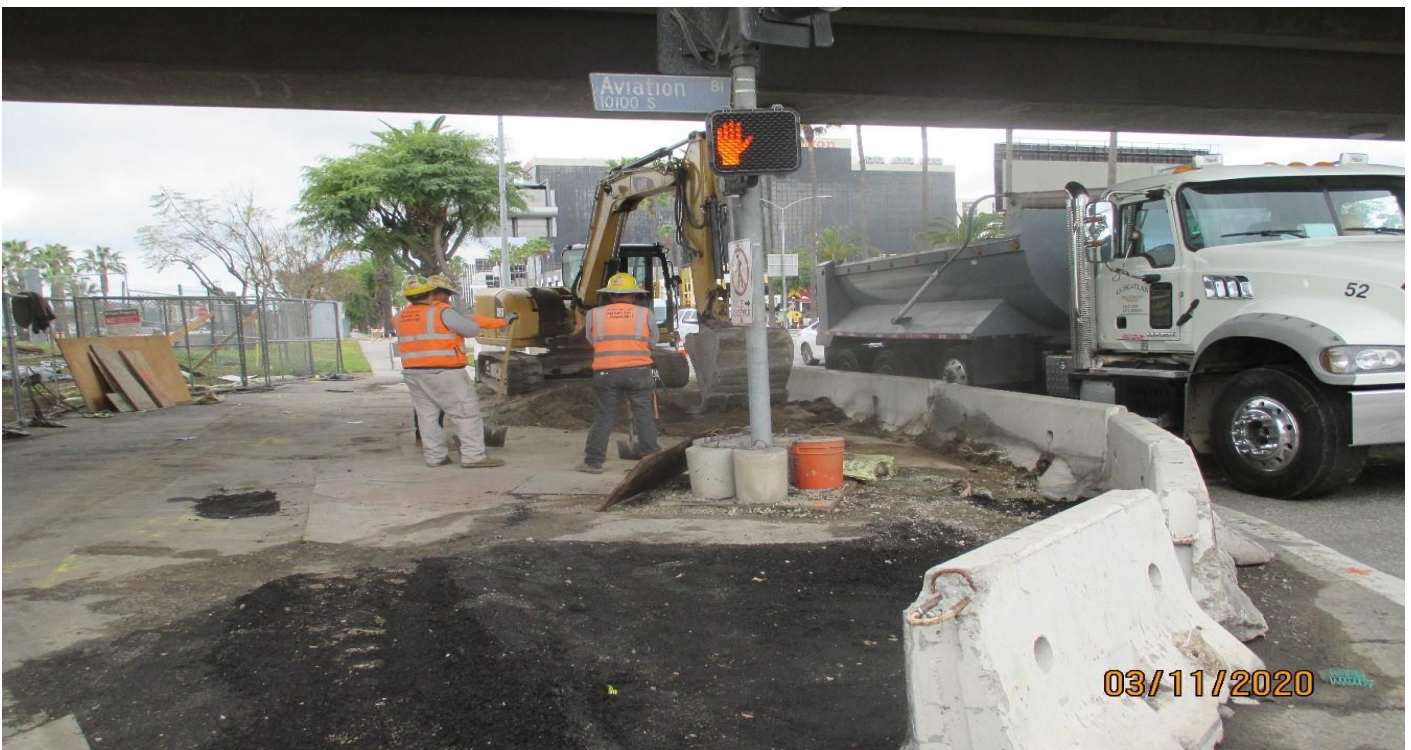


AVIATION/CENTURY- Setting forms and sonatubes for the Aviation Station light pole foundations.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



AVIATION/CENTURY- Forming the median bull nose on Century. Facing south.



AVIATION/CENTURY- Demo for the new proposed street improvements on Century. Facing west

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



104th STREET – 104th St - WSCC was installing DWP bollards.

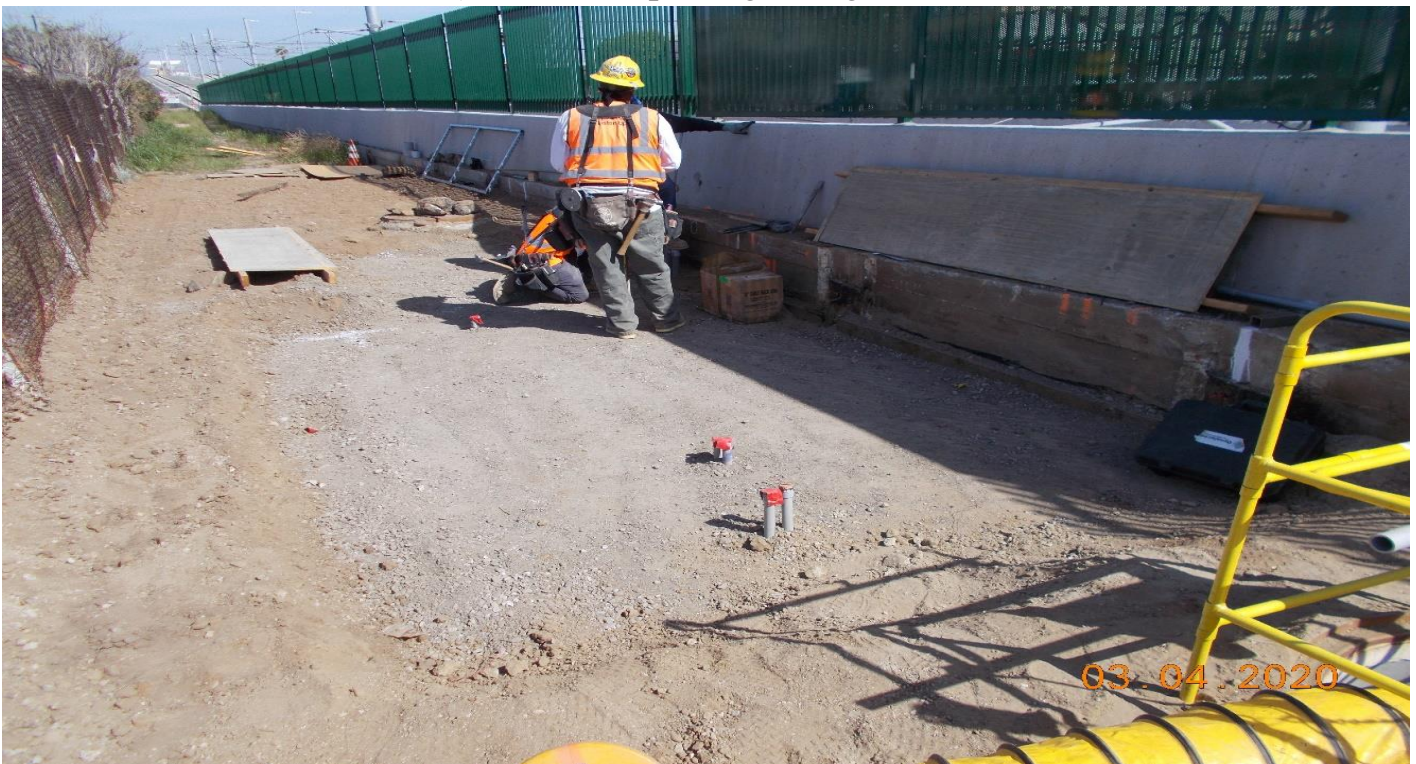


104th STREET – Curb & gutter removals at 104th street.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



104th STREET – 104th St - Dyna Electric pulling string lines in MCC conduits.

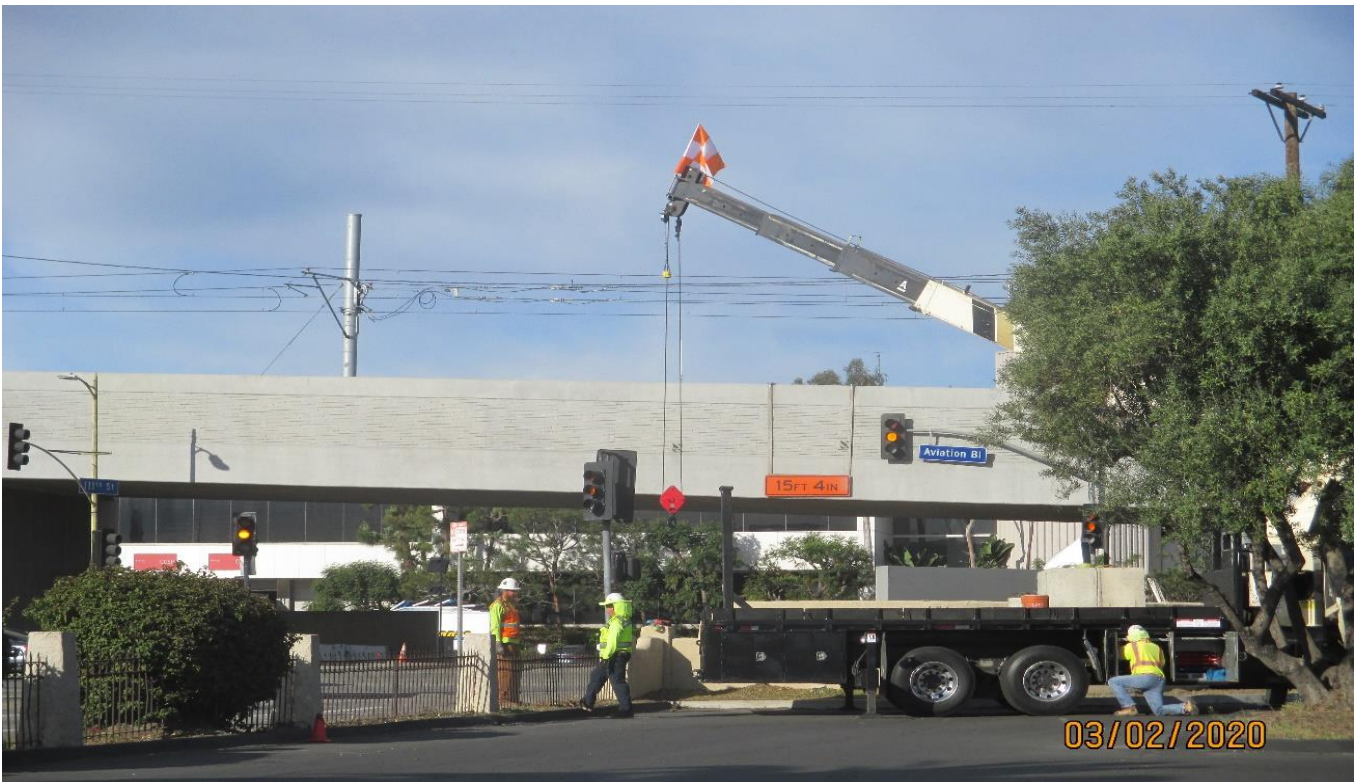


104th St - WSCC carpenters preparing to form the UPS pad

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

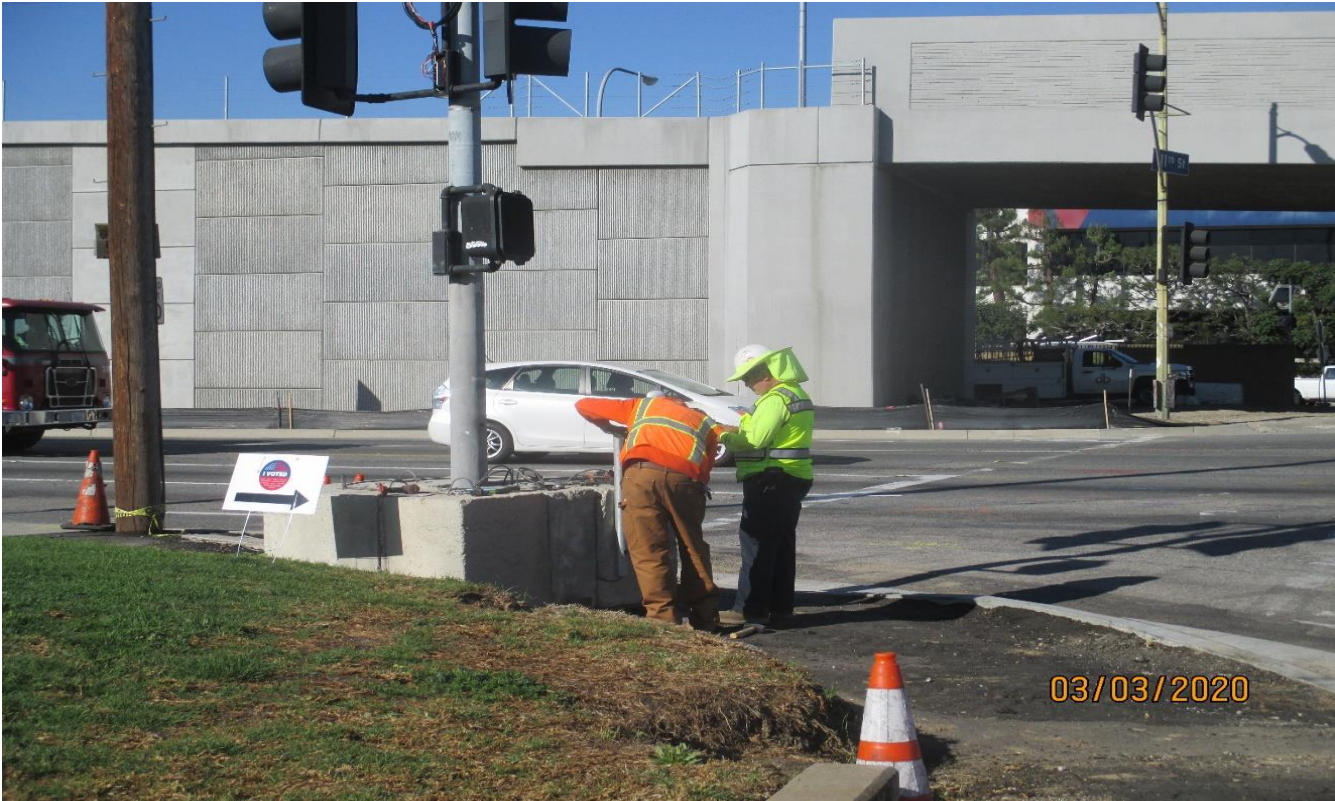


104th STREET – WSCC had dug large footings for large DWP bollards.



111 STREET – Setting temporary traffic signals at 111th street.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



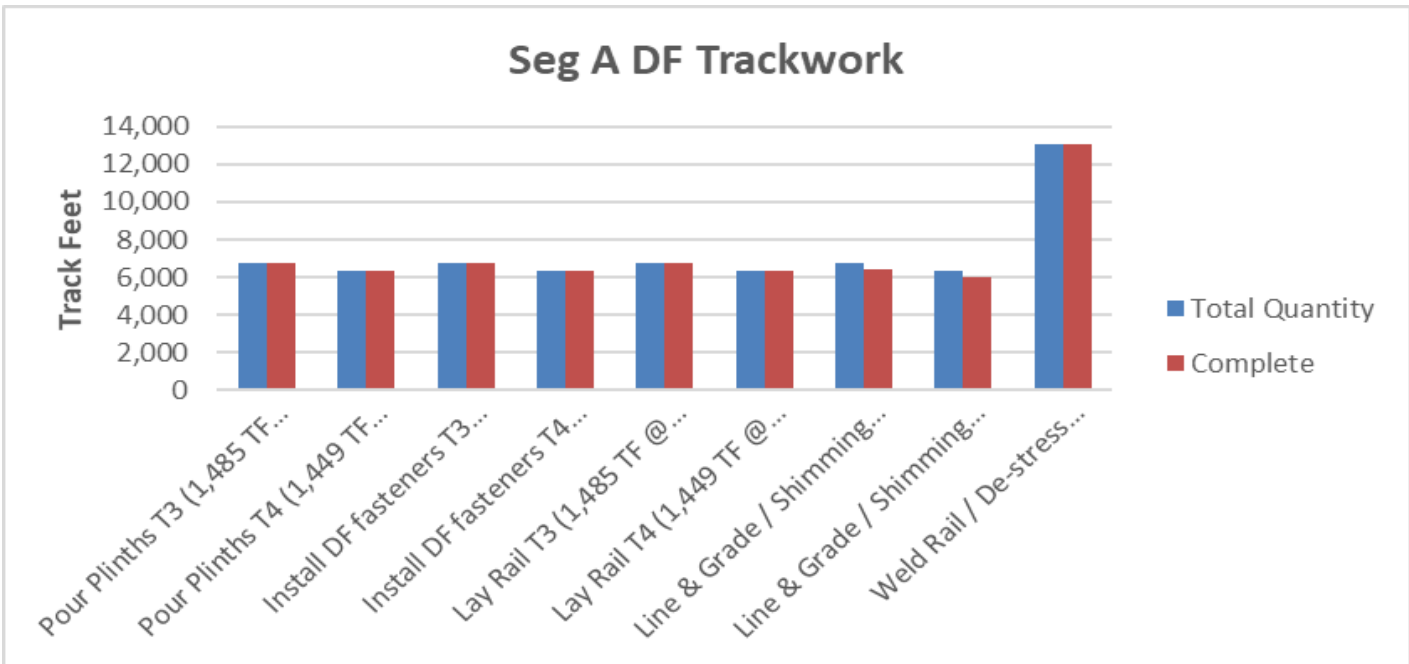
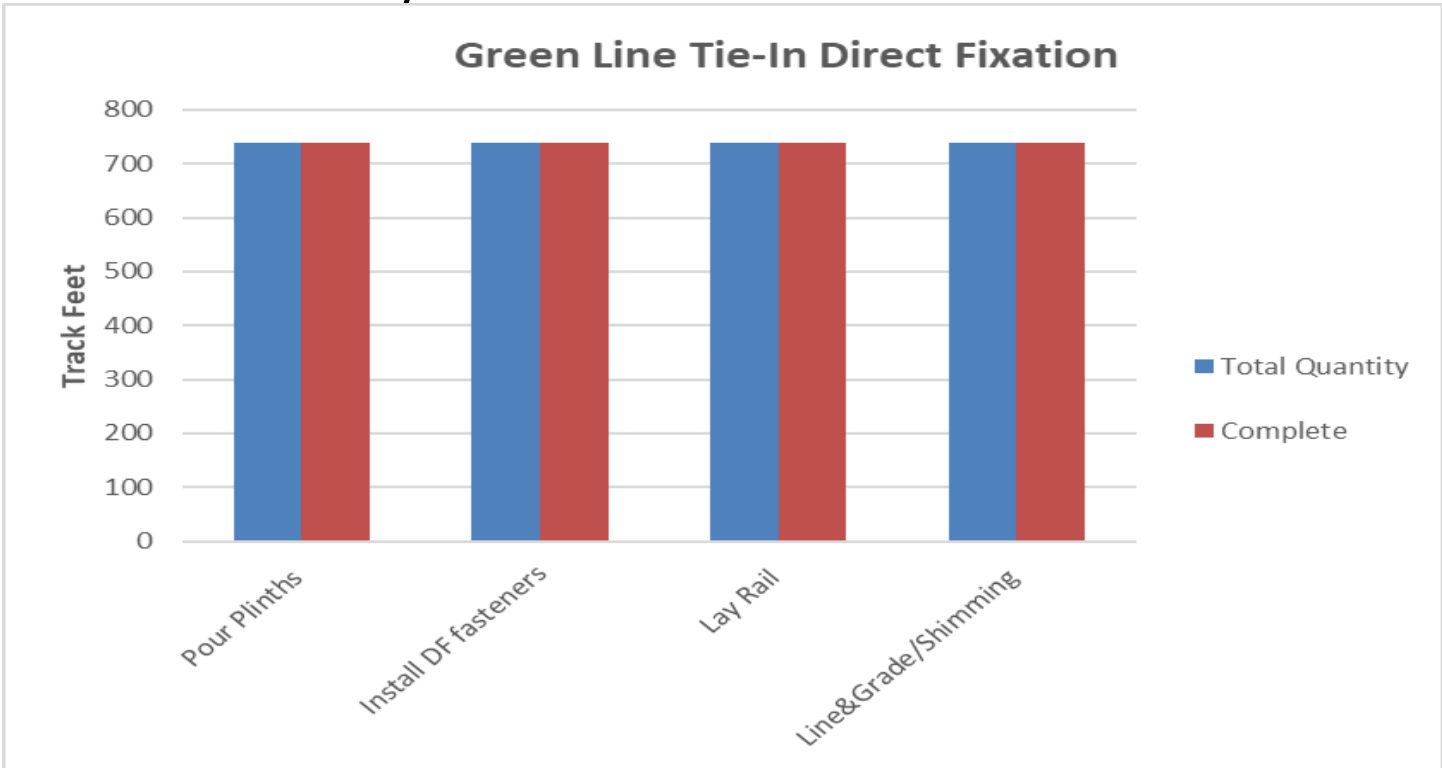
111 STREET – Pedestrian button installation on 111th street.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

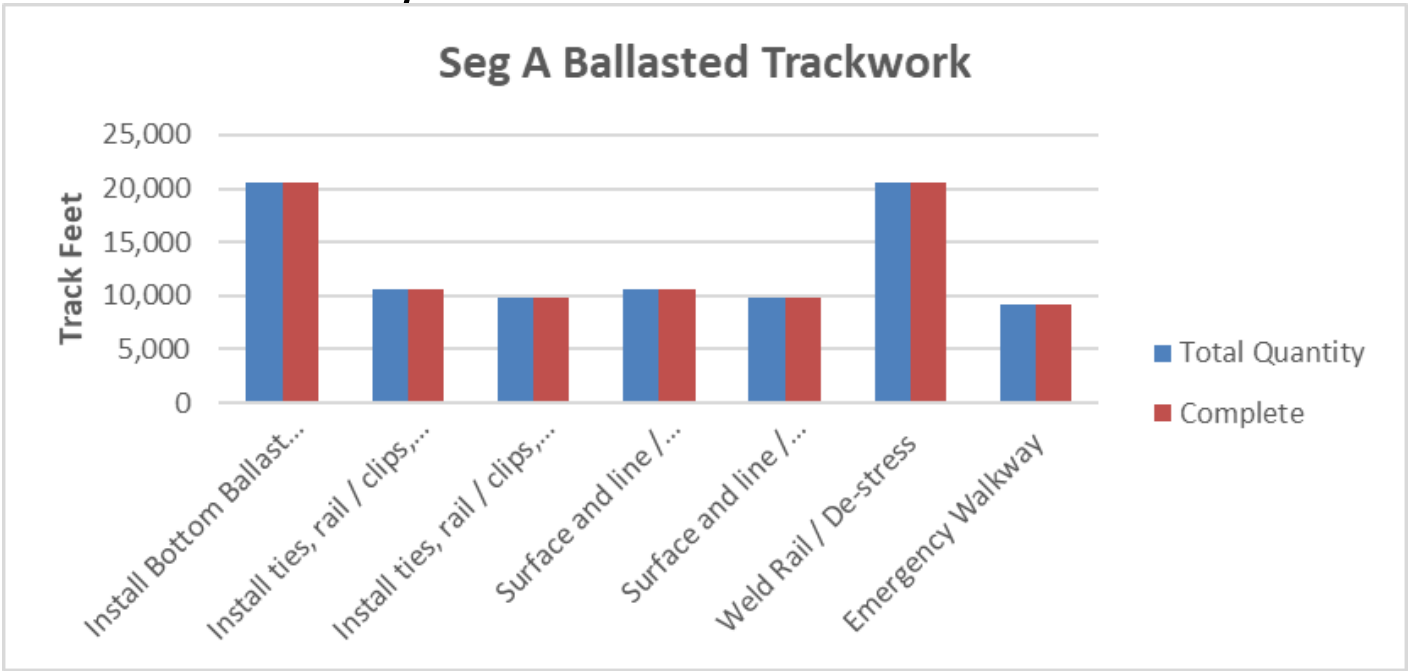
PROJECT WIDE TRACKWORK PROGRESS

	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	
	Acceptance for turnover to subcontractors	yes/no	yes						
	SPECIAL TRACKWORK	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) (Insert rework continues)	6,763	6,763	0	100.00%	*		
		Pour Plinths T4 (1,449 TF @ wye + 4,877 TF) (Insert rework continues)	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								

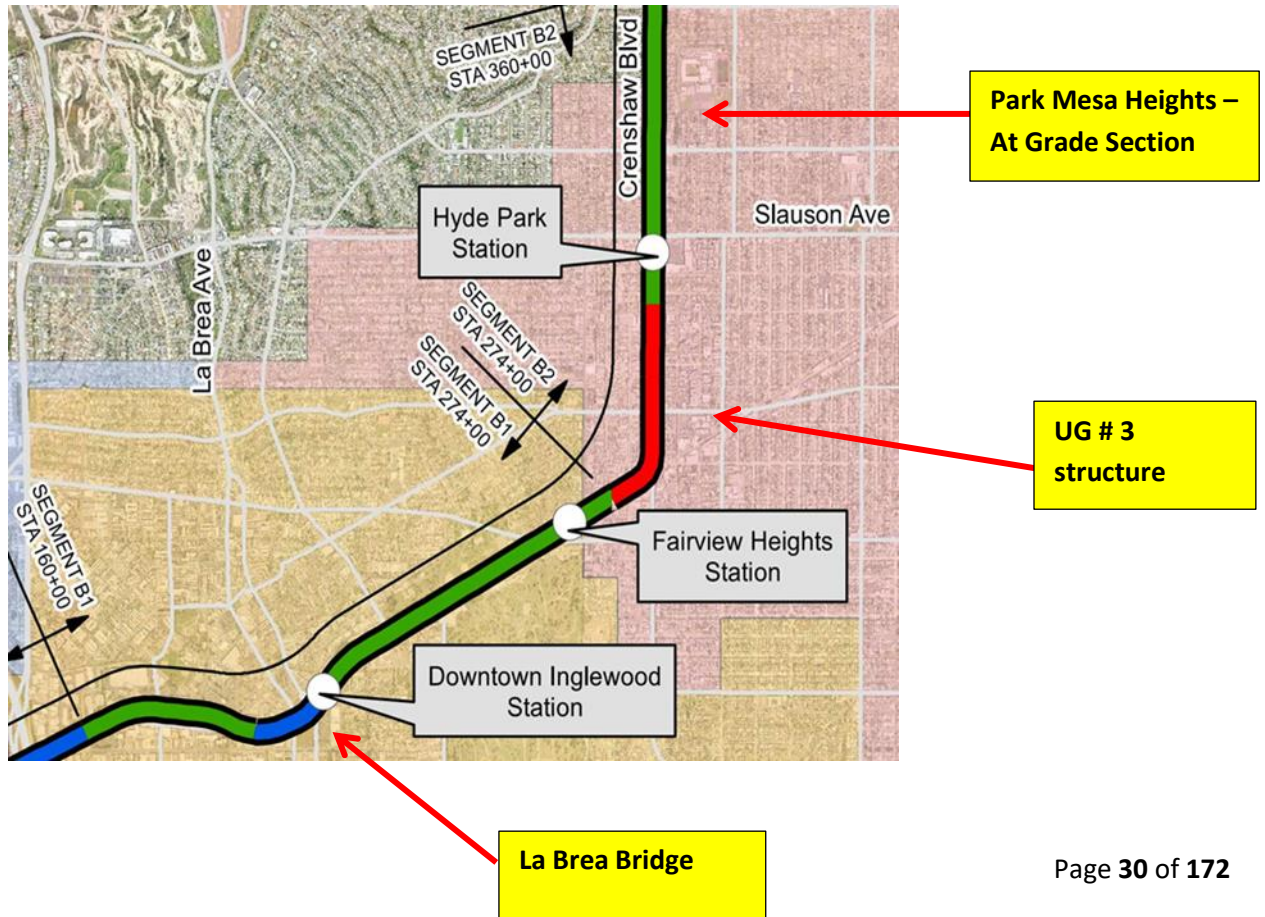
CRENSHAW/LAX PHOTOGRAPHIC UPDATE



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Segment B



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Excavating/backfill for new sidewalk and ADA ramp installation on the southeast corner of Hyde Park Blvd and Crenshaw Blvd. 2/20/20



Park Mesa – Installing block-out forms in preparation for new concrete placement of sidewalk and ADA ramp on the southwest corner 63rd St and Crenshaw Blvd. 2/19/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Saw cutting and excavating for bus pad installation on the southeast corner of 60th St & Crenshaw Blvd. 2/25/20



Park Mesa – Continue saw cutting and excavating for bus pad installation on the southeast corner of 60th St & Crenshaw Blvd. 2/26/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Placing concrete for the bus pad installation on the southeast corner of 60th St & Crenshaw Blvd. 2/27/20



Park Mesa – Began formwork and rebar installation for the generators at TPSS#7 on 60th St & Crenshaw Blvd.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Placing concrete for the generator pads at TPSS#7 on 60th St & Crenshaw Blvd. 2/29/20



Park Mesa – Installing block-out forms and placing concrete for sidewalk/driveway for TPSS#7 entrance on 60th St & Crenshaw Blvd. 3/2/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Installing block-out forms in preparation for new concrete placement of sidewalk and ADA ramp on the southeast corner 63rd St and Crenshaw Blvd. 3/5/20



Park Mesa – Excavating for new concrete sidewalk/driveway installation for TPSS#7 entrance on 60th St & Crenshaw Blvd. 3/6/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Building block-out forms for the new sidewalk/driveway installation for TPSS#7 entrance on 60th St & Crenshaw Blvd. 3/9/20

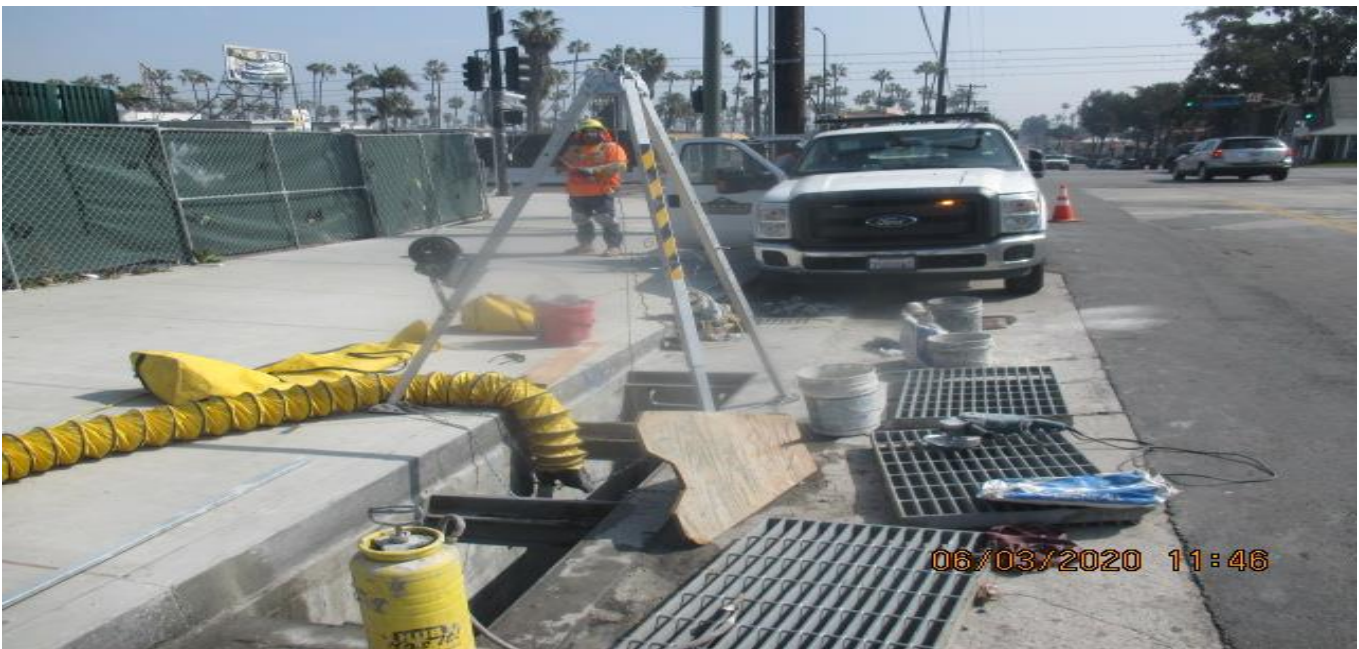


Park Mesa – Continued placing concrete for the generator pads at TPSS#7 on 60th St & Crenshaw Blvd.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Continued sack and patch of Catch Basin #37 on the northwest corner of 48th St and Crenshaw Blvd. 3/5/20



Park Mesa – Continued sack and patch of Catch Basin #37 on the northwest corner of 48th St and Crenshaw Blvd. 3/6/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Park Mesa – Excavating/demolishing for new concrete sidewalk installation on the northeast corner of 48th St and Crenshaw Blvd. 3/17/20



Hyde Park Station – Installing BOCA light fixtures in the out riggers of the canopy roof structure. 3/5/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 –Installing conduit and pull boxes for street lighting on the north side of the Cul-de-sac radius at North Victoria Ave. 2/27/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Continue installing conduit and pull boxes for street lighting on the north side of the Cul-de-sac radius at North Victoria Ave. 2/28/20



UG3 – Installing new 1” water service pipe line on the new Cul-de-sac radius at North Victoria Ave. 2/19/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Excavating/grading around the auxiliary power site at Victoria Yard adjacent to the south end portal.



UG3 – Continued excavation/compaction of the new Cul-de-sac in preparation for curb/gutter installation and concrete placement at North Victoria Ave. 2/4/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Continue excavation for culvert drainage along the southbound barrier wall from Sta 279+20 – 282+93. 2/20/20



UG3 – Continue excavation for culvert drainage along the southbound barrier wall from Sta 279

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

+20 – 282+93.



UG3 – Continue excavation for culvert drainage along the southbound barrier wall from Sta 279+20 – 282+93.



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – Continue excavation for culvert drainage along the southbound barrier wall from Sta 279+20 – 282+93. 2/28/20



UG3 – Preparing for the excavation for Catch Basin #P930 on the northeast corner of 67th St and Crenshaw Blvd. 3/2/20



UG3 – Delivery of the motor control center equipment for the auxiliary power site at Victoria Yard adjacent to the south end portal.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Continued placement of MCC sections inside the auxiliary power site bungalow at Victoria Yard adjacent to the south end portal.



UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Feb 20, 2020 at 9:46:22 PM
Los Angeles



UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

Feb 21, 2020 at 8:56:21 PM
Los Angeles



UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Feb 24, 2020 at 9:13:58 PM
Los Angeles



UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

Feb 25, 2020 at 9:29:27 PM
Los Angeles



UG3 – Continue installing phenolic conduit for the emergency lighting along the northbound tunnel at Sta 298+00.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – STA 278+80 SB looking south – checking VDC clearance UG3 south ramp (Victoria)



UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

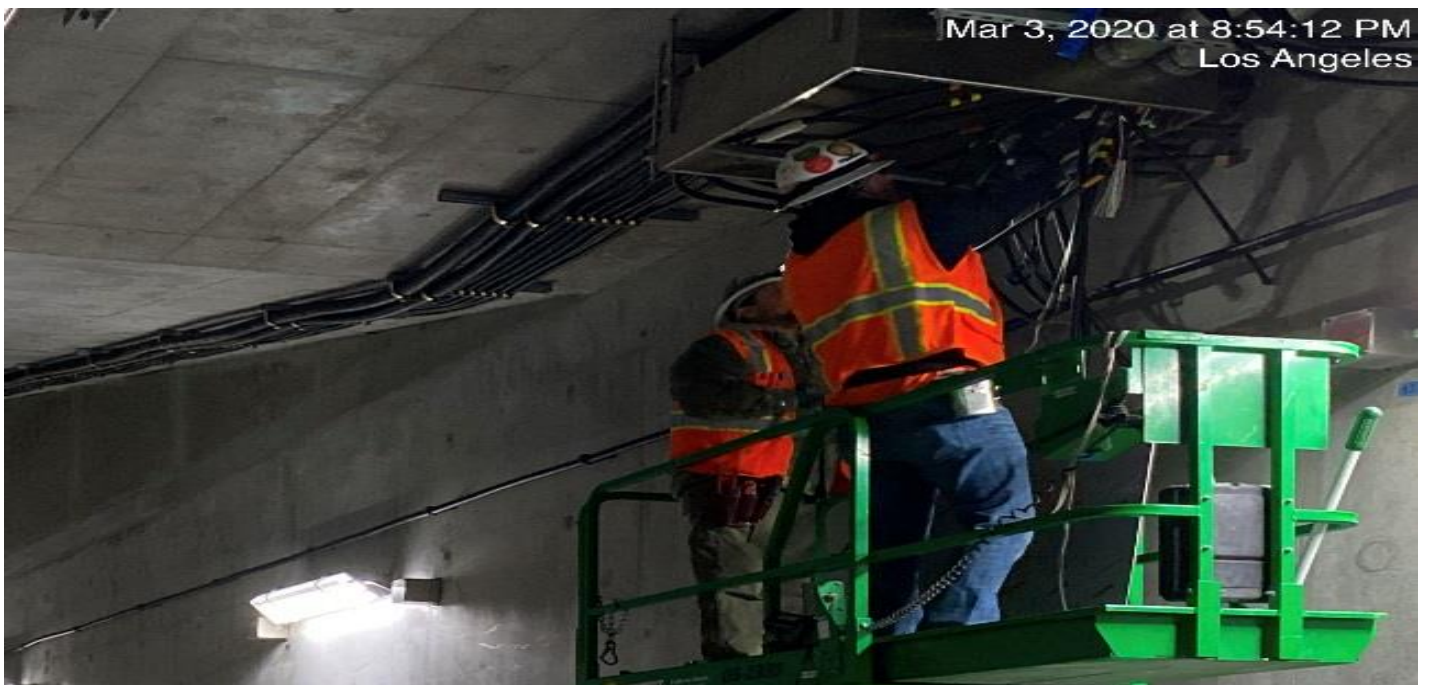


UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Continued slicing wire to tunnel booster junction boxes in the northbound tunnel at Sta 291+50.



UG3 – Continued slicing wire to tunnel booster junction boxes in the southbound tunnel at Sta 291+65.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – STA317+00_ Looking South_ OCS work north ramp UG3_ 59ST.



UG3 – DCD pulling wires for security lighting at UG-3.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – UG3.Victoria Yard– WSCC crew backfilling guideway.



UG3 – UG3. Aux. Site – WSCC crew placing concrete for generator pad walkway

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – UG3 – WSCC crew grinding numbers off of plinths along SB side.



UG3 – DCD connecting wires for Booster fans northbound UG-3

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Mar 10, 2020 at 10:16:43 PM
Los Angeles



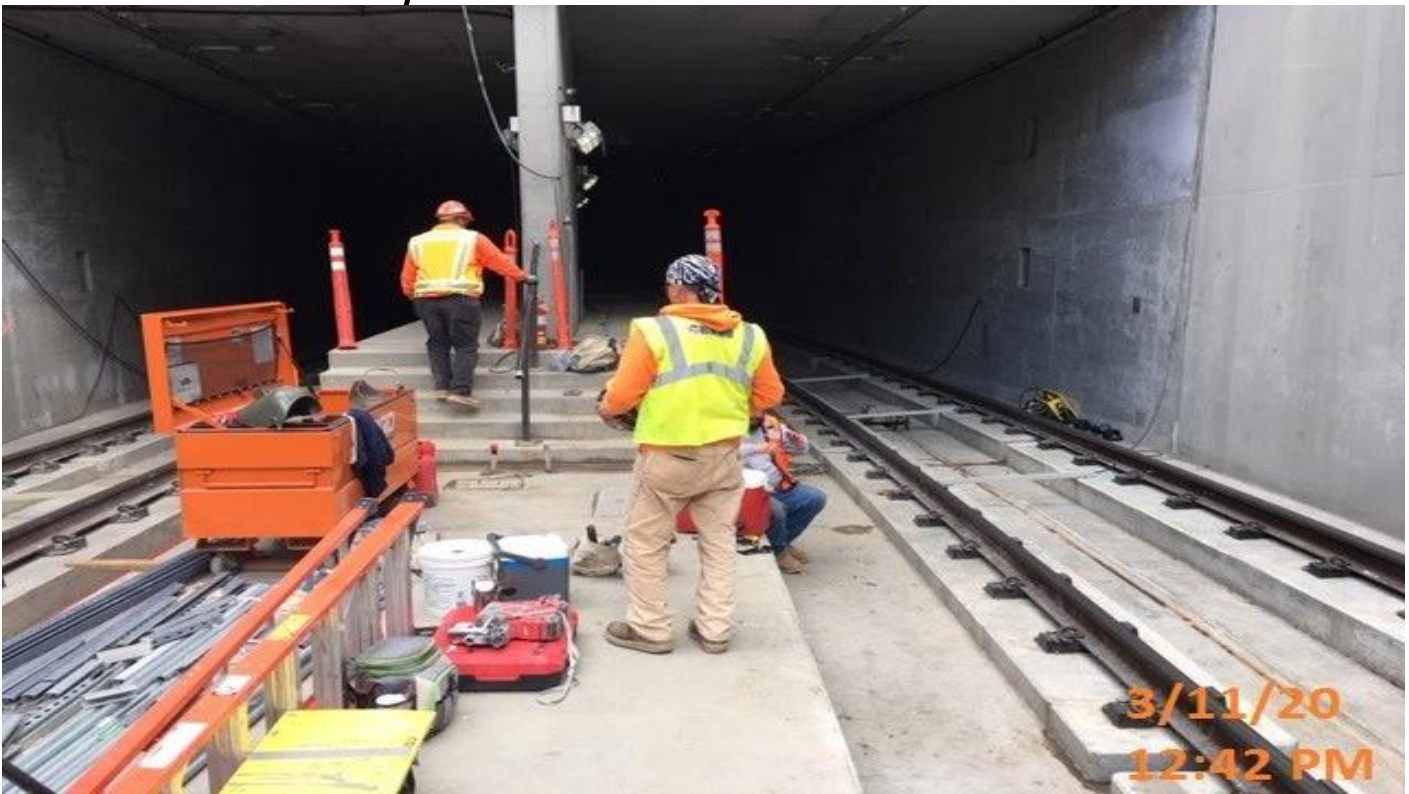
UG3 – DCD splicing wires in junction box southbound UG-3.

Mar 10, 2020 at 10:16:49 PM
Los Angeles

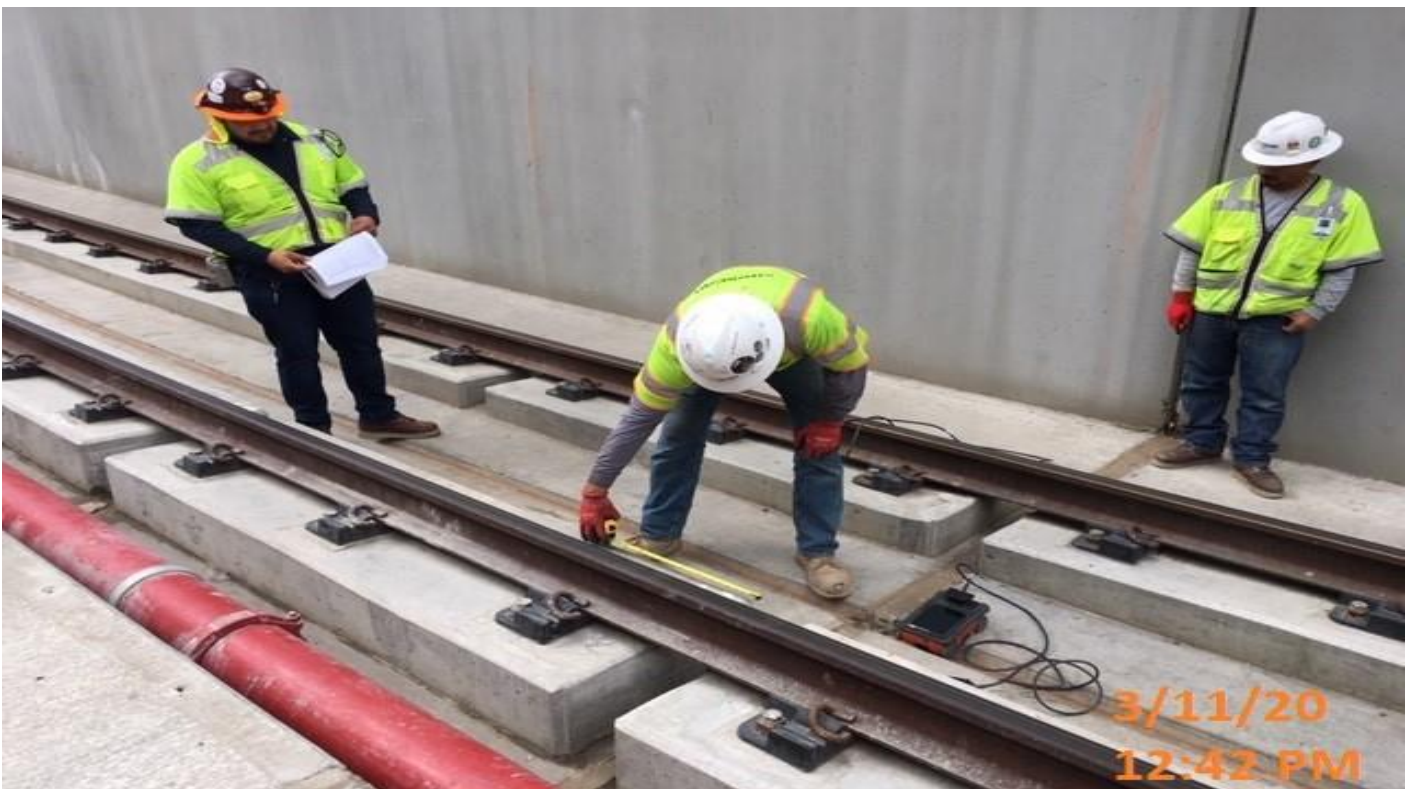


UG3 – DCD splicing wires in junction box southbound UG-3.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – UG3 – McMahon setting handrails for install along emergency walkway.



UG3 – UG3 – Site Scan continue dowel scans on plinths.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Continued excavating the culvert drainage along the southbound barrier in preparation for concrete placement. 3/6/20



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – Backfilling/compacting the culvert drainage along the southbound barrier in preparation for concrete placement. 3/6/20



UG3 – Installing 18” HDPE for the culvert drainage along the southbound barrier in preparation for concrete placement. 3/9/20



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – Installing 18” HDPE for the culvert drainage along the southbound barrier in preparation for concrete placement. 3/9/20



UG3 – Excavating sidewalk/driveway on the southwest corner of 67th St and Crenshaw Blvd. 3/12/20



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – Continue pulling conduit and connecting signal and street power for all four corners of 67th St and Crenshaw Blvd. 3/17/20



UG3 – Continue pulling wire for the emergency lighting at the south end portal entrance.

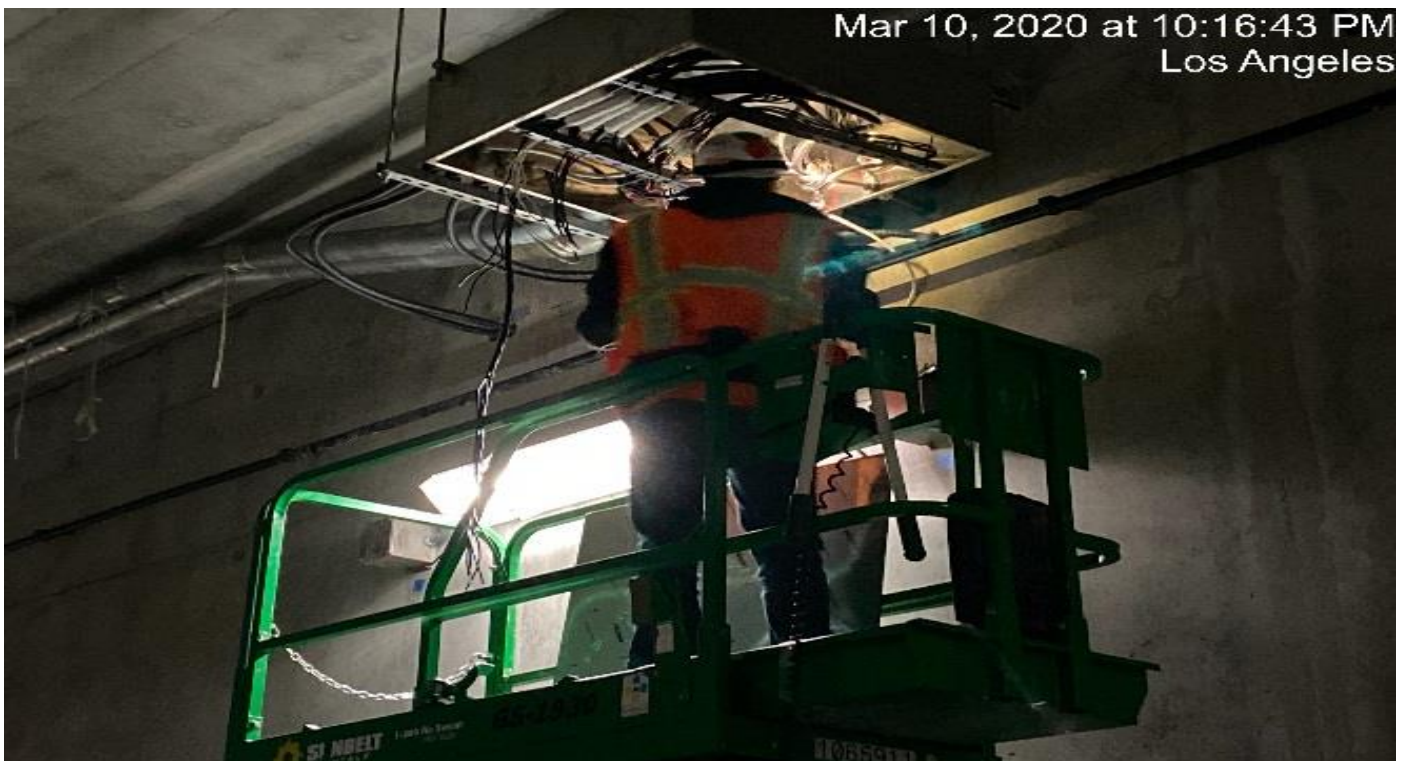


CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – Installing seismic cables for the tunnel booster fans at the south end portal entrance.



UG3 – Continue splicing wires for the tunnel booster junction boxes at the northbound tunnel at Sta 283+15.



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG3 – Continue splicing wires for the tunnel booster junction boxes at the northbound tunnel at Sta 300+50.



UG3 – Continue splicing wires for the tunnel booster junction boxes at the northbound tunnel at Sta 300+50.

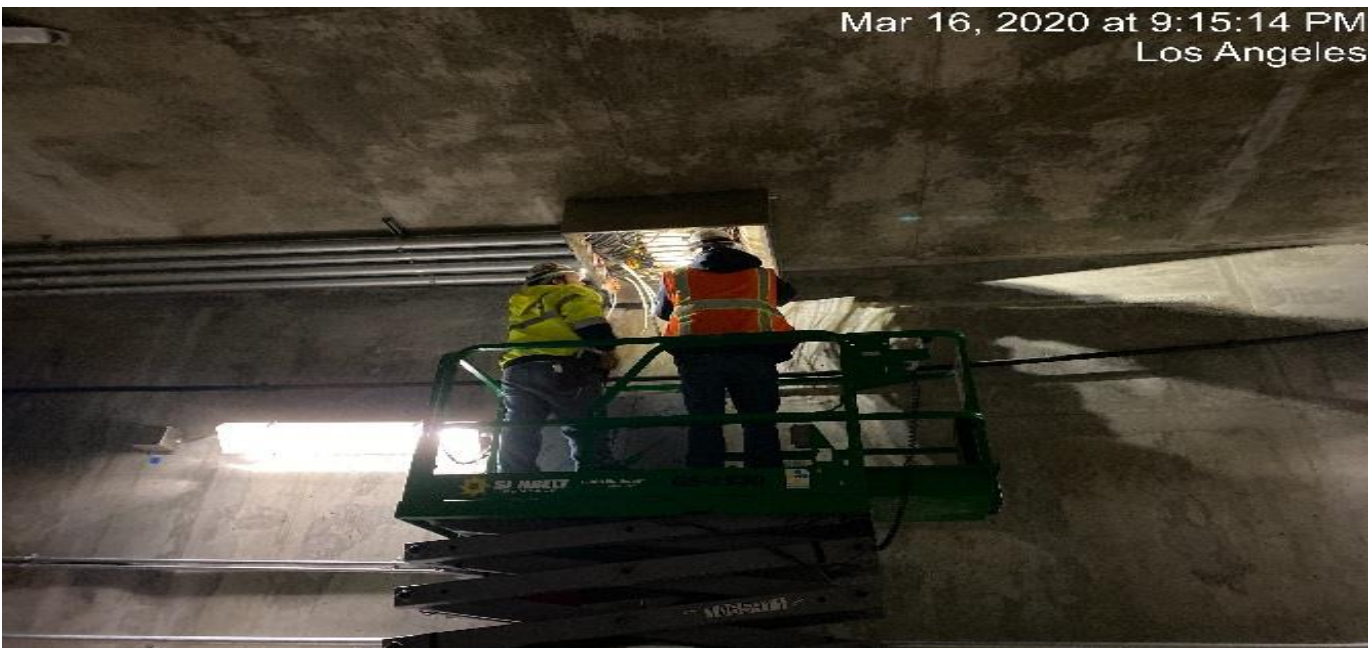
CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Mar 13, 2020 at 9:13:37 PM
Los Angeles



UG3 – Continue splicing wires for the tunnel booster junction boxes at the southbound tunnel at Sta 286+30.

Mar 16, 2020 at 9:15:14 PM
Los Angeles



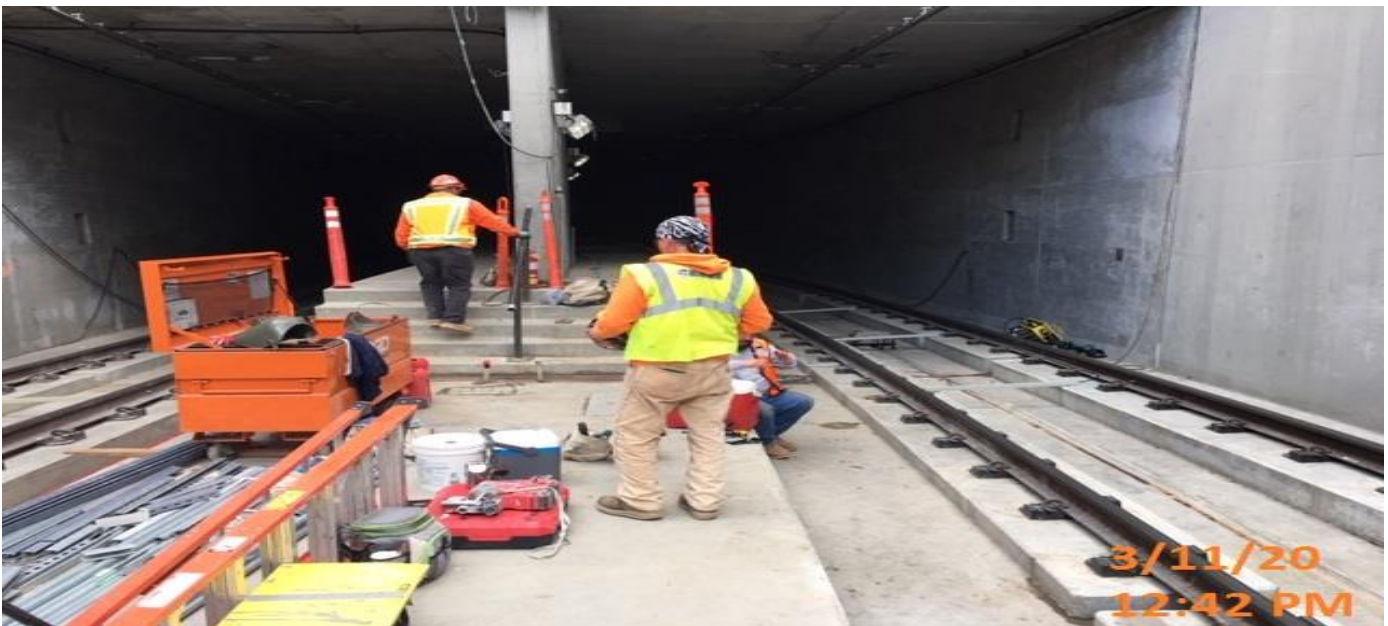
UG3 – Continue splicing wires for the tunnel booster junction boxes at the southbound tunnel at Sta 283+30.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Mar 17, 2020 at 7:59:45 PM
Los Angeles



UG3 – Continue splicing wires for the tunnel booster junction boxes at the southbound tunnel at Sta 283+30.



UG3 – Installing handrails for the emergency walkway at the northbound portal entrance at Sta 314+00.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

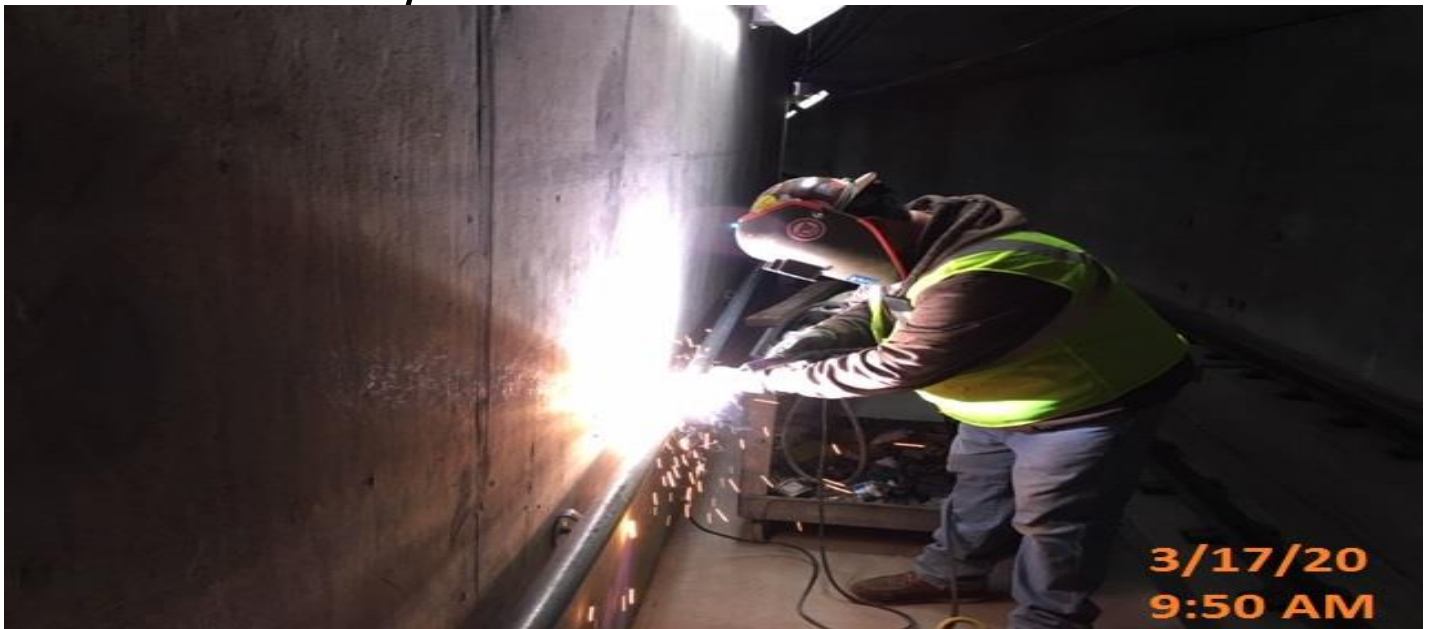


UG3 – Installing handrails for the emergency walkway on the southbound tunnel at Sta 287+50.

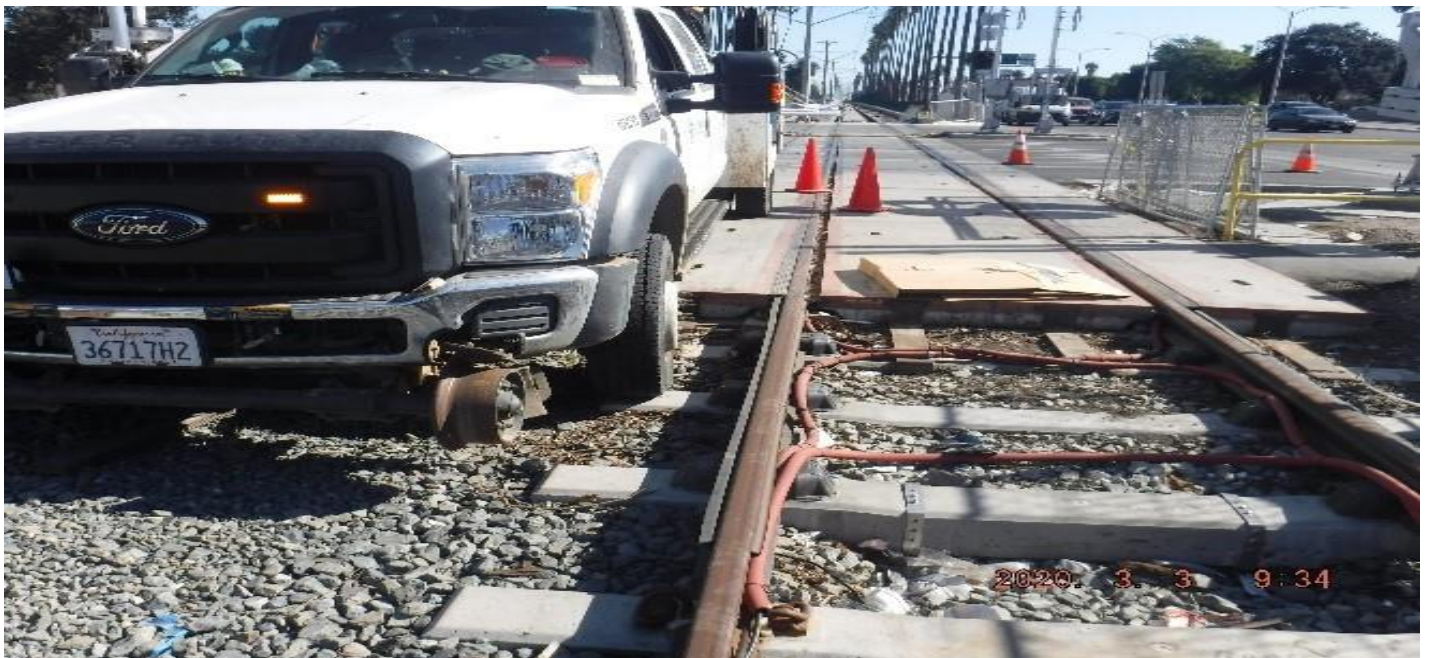


UG3 – Installing handrails for the emergency walkway throughout the north and southbound tunnels.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG3 – Continue installing handrails for the emergency walkway throughout the north and southbound tunnels.

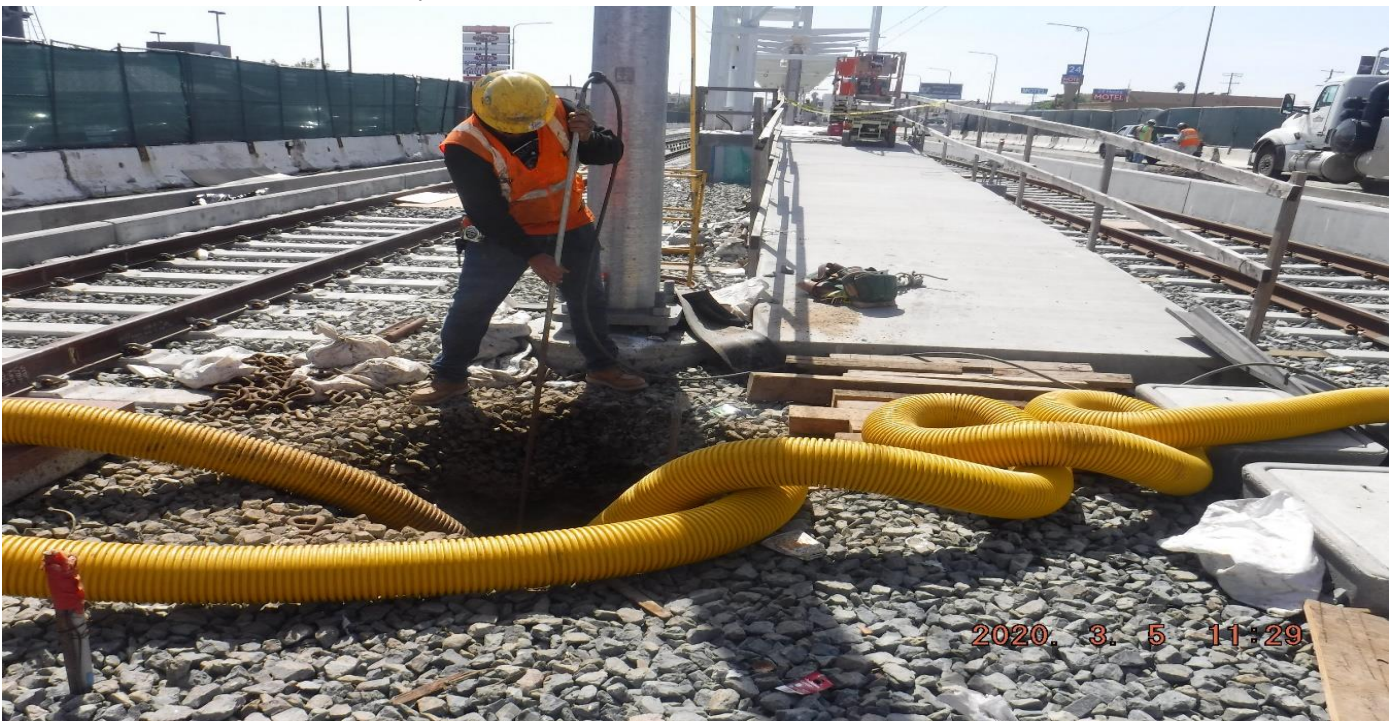


Centinela Ave.- STA 225+25 TK#4-NB looking north – LKC’s hi-rail truck parked on ballast for signal house work.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



HIGH STREET- STA 225+50 TK#3-SB looking north – no track work north of Centinela Ave; fence work left side R/W.



SLAUSON STA – STA323+10_ Looking South_ Vacuum excavation 4 camera pole foundation_ PUNCH LIST.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



SLAUSON STA – STA 330+00 TK#4-NB looking south – placing cables in duct bank between Slauson Ave and 57th St.



WEST Blvd- STA261+63_ Looking North_ AC Xwalk placing pending_ West.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

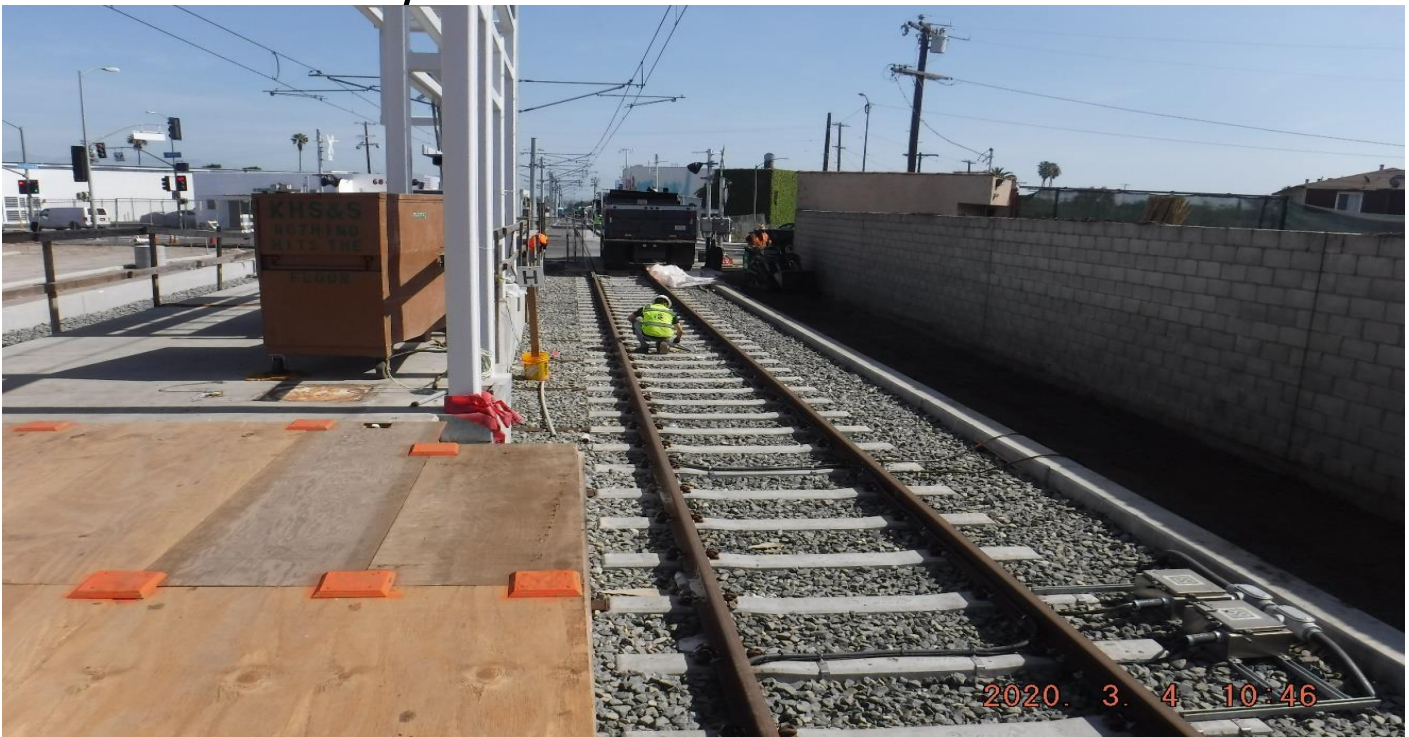


WEST Blvd - STA264+00_ Looking North_ Grading work behind ballast wall_ West.



WEST Blvd - STA261+63_ Looking South_ AC Xwalk placing_ West.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

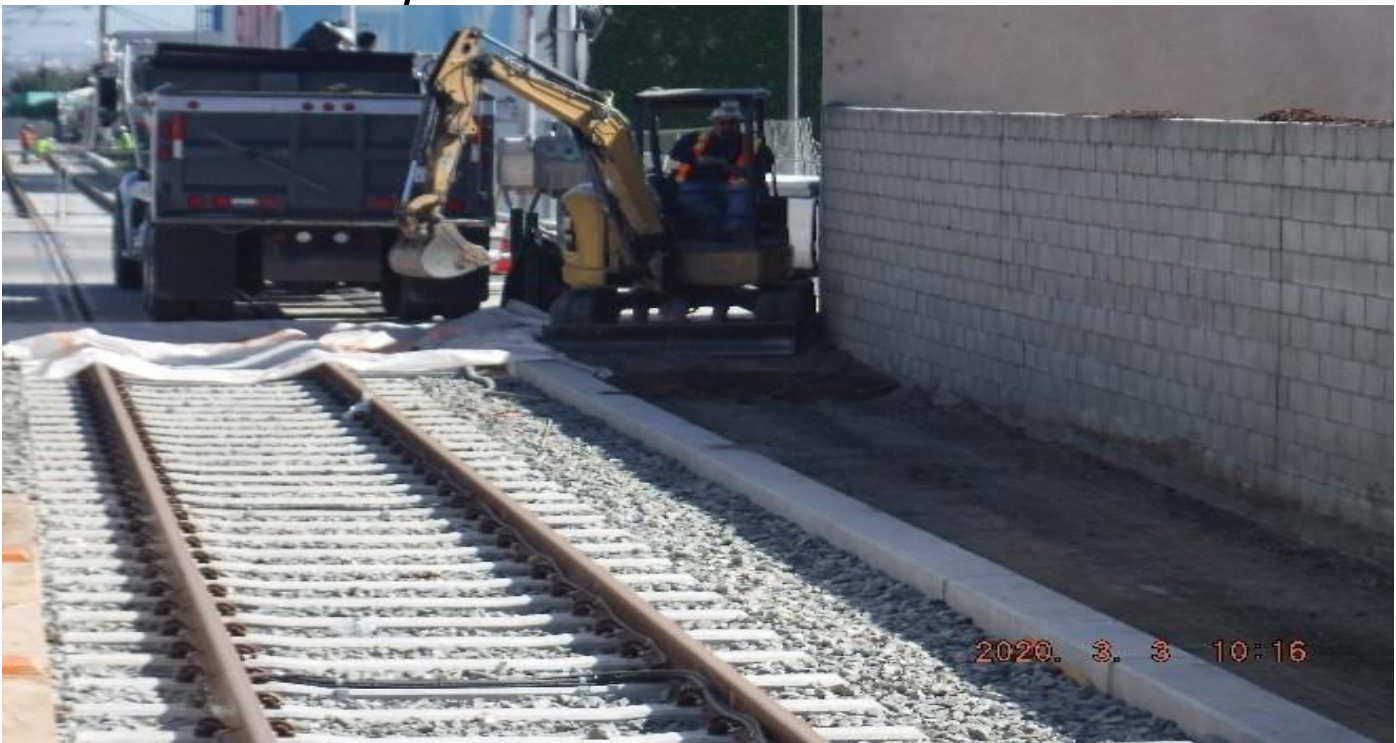


WEST Blvd- STA266+50_ Looking North_ Look detectors set-up_ West.



WEST Blvd - STA262+74_ Looking South_ Dirt spilled over TK ballast_ PUNCH LIST_ West.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



WEST Blvd - STA 267+00 TK#4-NB looking north – Grading work in progress next to ballast wall.



WEST Blvd - Soil backfilled Continued digging V ditch behind ballast wall at West Station.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



WEST Blvd - KHS&S place rail and roof panels at West Sta ticket pavillians.



LA BREA – STA 206+00 TK#4-NB looking south – Geotechnical investigation in progress south of La Brea Station.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



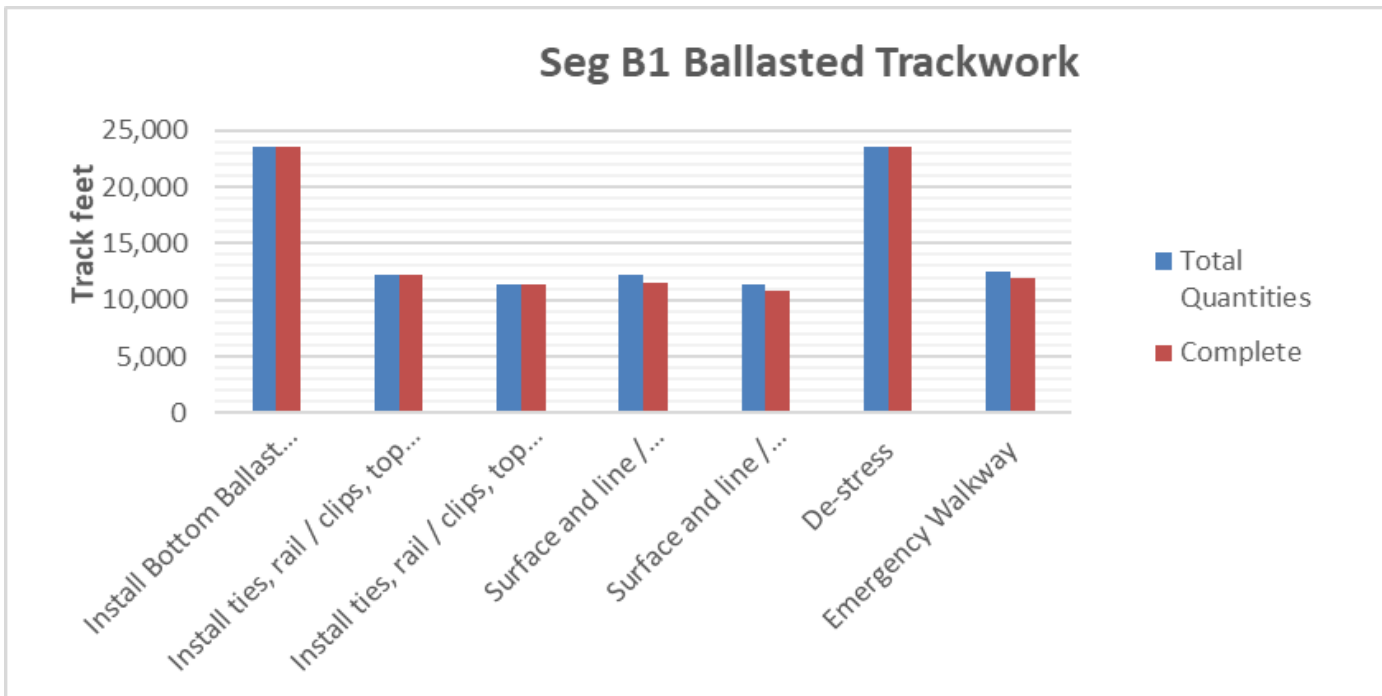
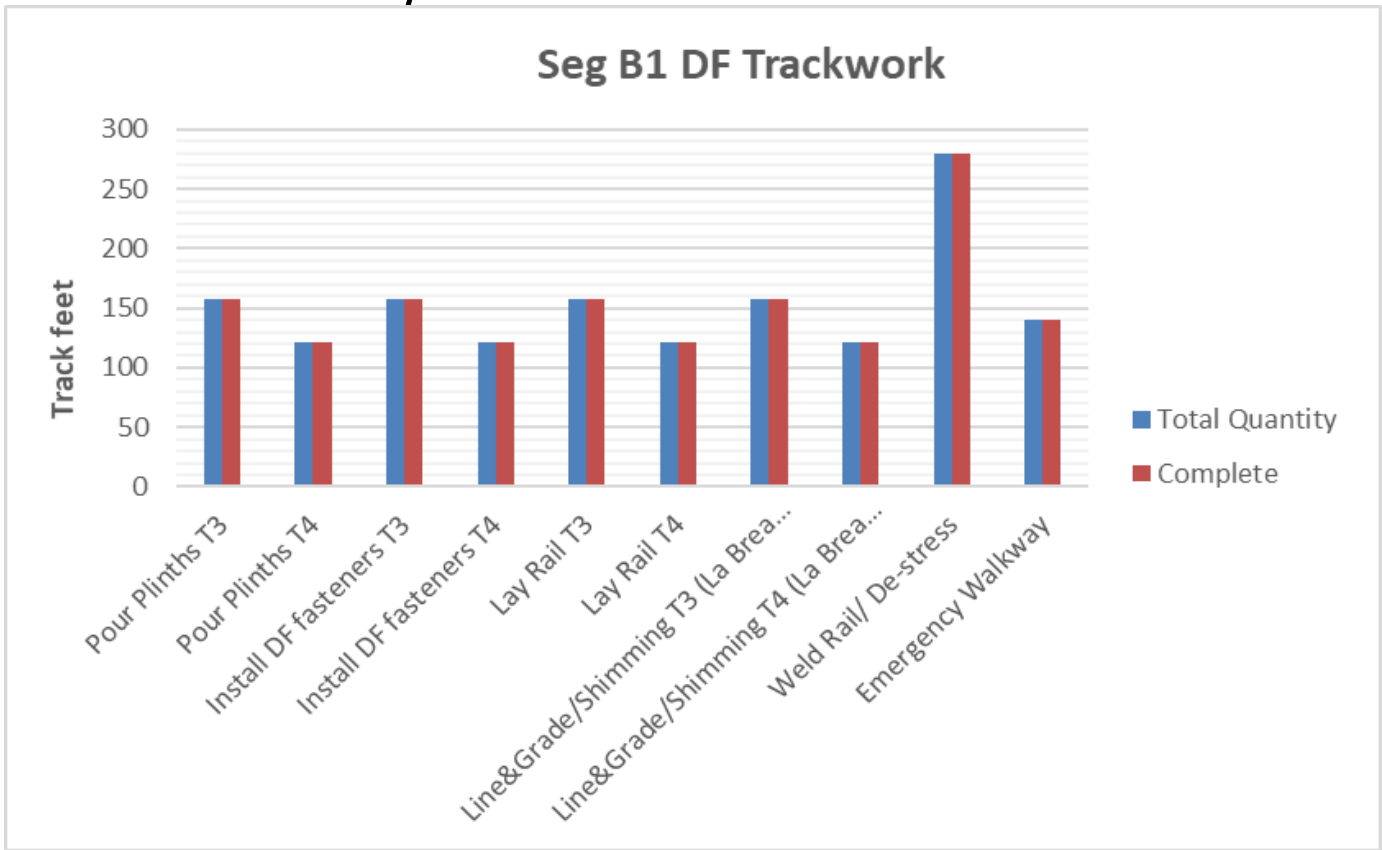
LA BREA – Vacuum truck excavating a light pole foundation at the La Brea Station. Facing west

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



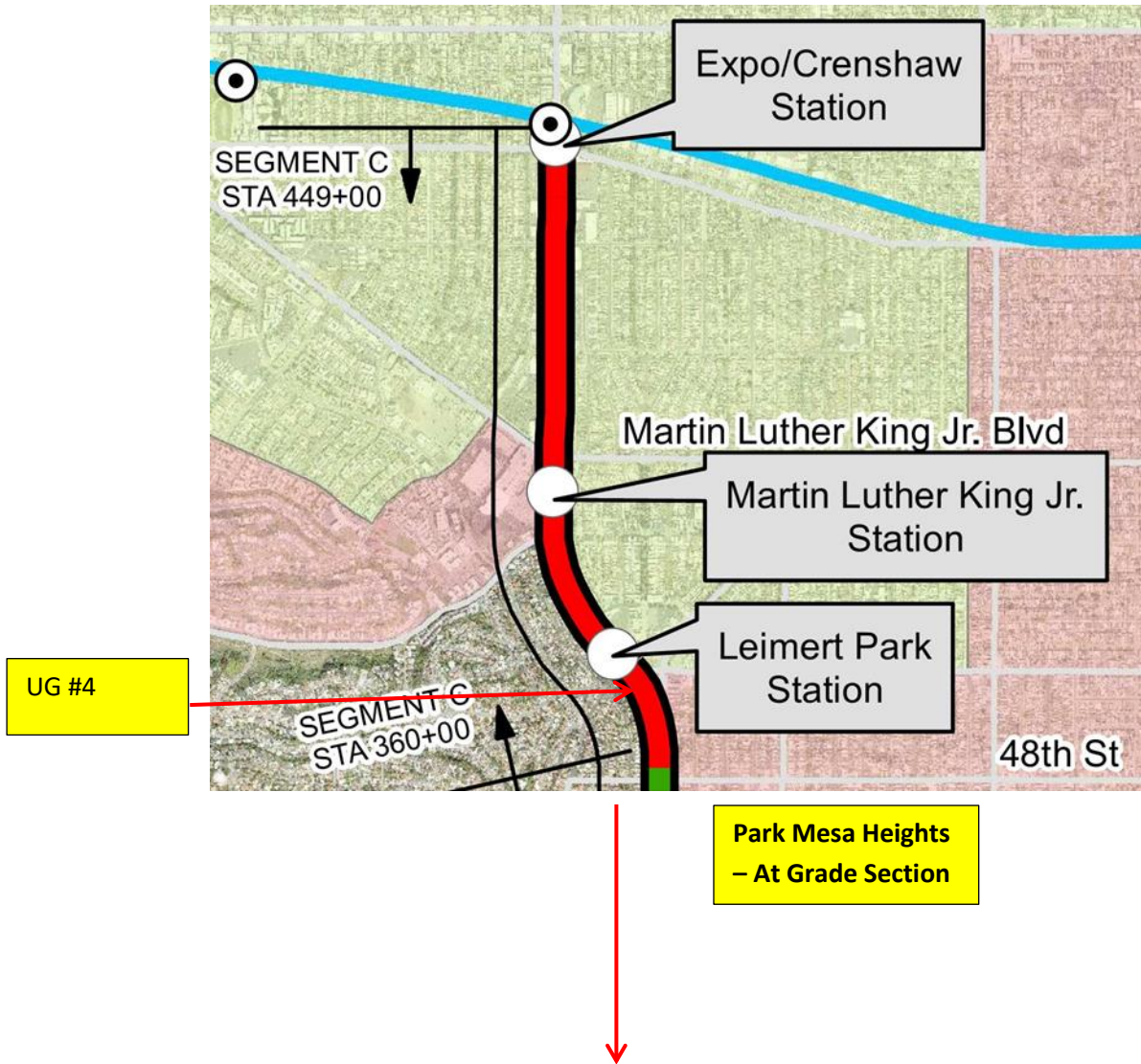
SEGMENT B2:

- Disturbed ballast due to systems electrical conduit relocations continues to be repaired and re-dressed

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

- Rework begins to relocate incorrectly installed Insulated Joints (IJs) for train control on both north and south bound tracks south of 57th Street

Segment C



CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Forming and installing rebar for Catch Basin #16 on the southbound side of Rodeo Blvd and Crenshaw Blvd. 2/20/20



EXPO STATION- Placing concrete for Catch Basin #16 on the southbound side of Rodeo Blvd and Crenshaw Blvd.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Building steam wall forms for Catch Basin #19 on the northeast corner of Exposition Blvd and Crenshaw Blvd. 2/27/20



EXPO STATION- Continue building steam wall forms for Catch Basin #19 on the northeast corner of Exposition Blvd and Crenshaw Blvd. 2/28/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Began roof deck formwork for Catch Basin #19 on the northeast corner of Exposition Blvd and Crenshaw Blvd. 3/2/20



EXPO STATION- Continue roof deck formwork for Catch Basin #19 on the northeast corner of Exposition Blvd and Crenshaw Blvd. 3/3/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Continue demolition/excavation of both roadway shoulders for new Cul-de-sac entrance on Bronson St. east of the plaza. 2/18/20



EXPO STATION – Continue curb/gutter formwork and concrete placement for new Cul-de-sac radius sections on Bronson St. east of the plaza. 2/18/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Installing sections of 18” RCP for Line B – storm drain at the Cul-de-sac on Bronson St. east of the plaza. 2/19/20



EXPO STATION – Continue installing sections of 18” RCP for Line B – storm drain at the Cul-de-sac on Bronson St. east of the plaza. 2/20/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Continue demolition/excavation of roadway for new Cul-de-sac entrance on Bronson St. east of the plaza. 2/24/20



EXPO STATION – Continue demolition/excavation of roadway for new Cul-de-sac entrance on Bronson St. east of the plaza. 2/25/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

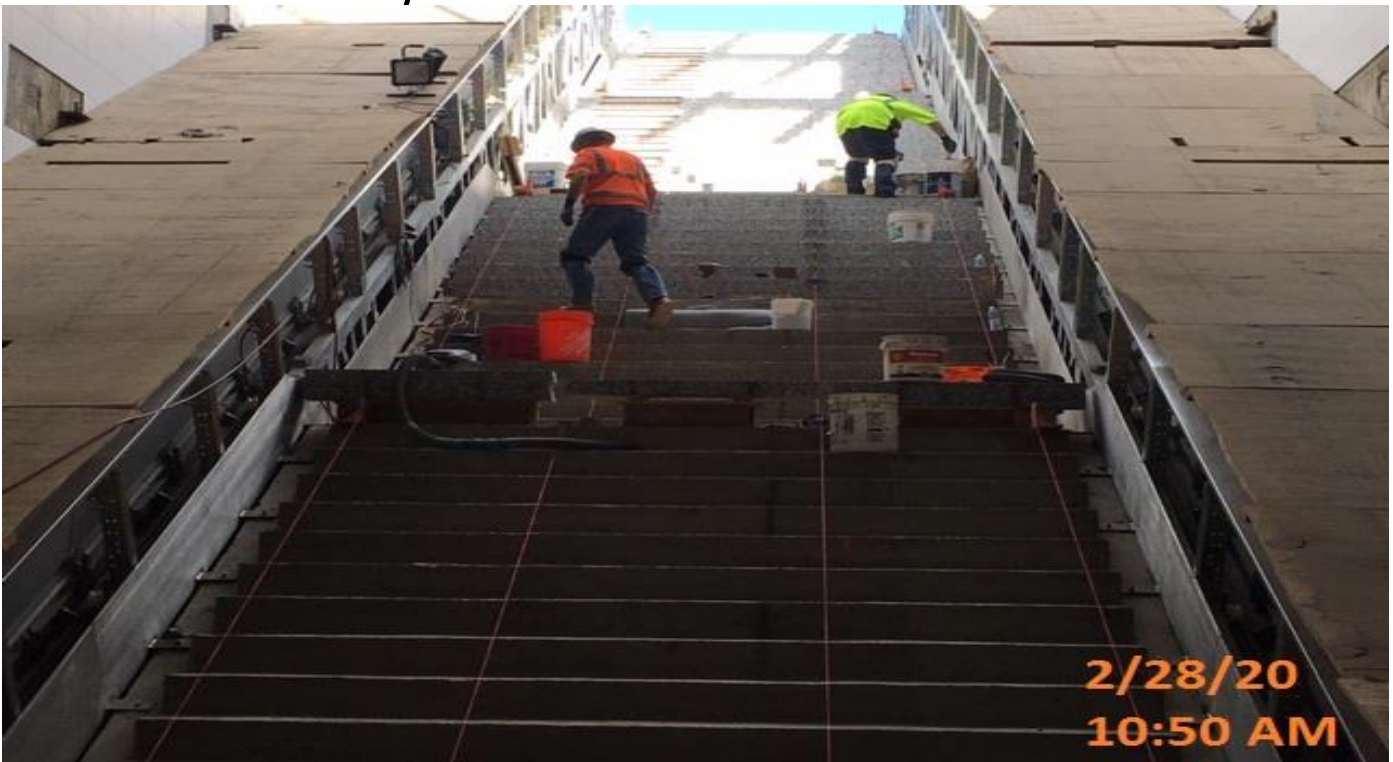


EXPO STATION – Setting sonotube foundation for the installation of the luminaire light posts at the plaza level.

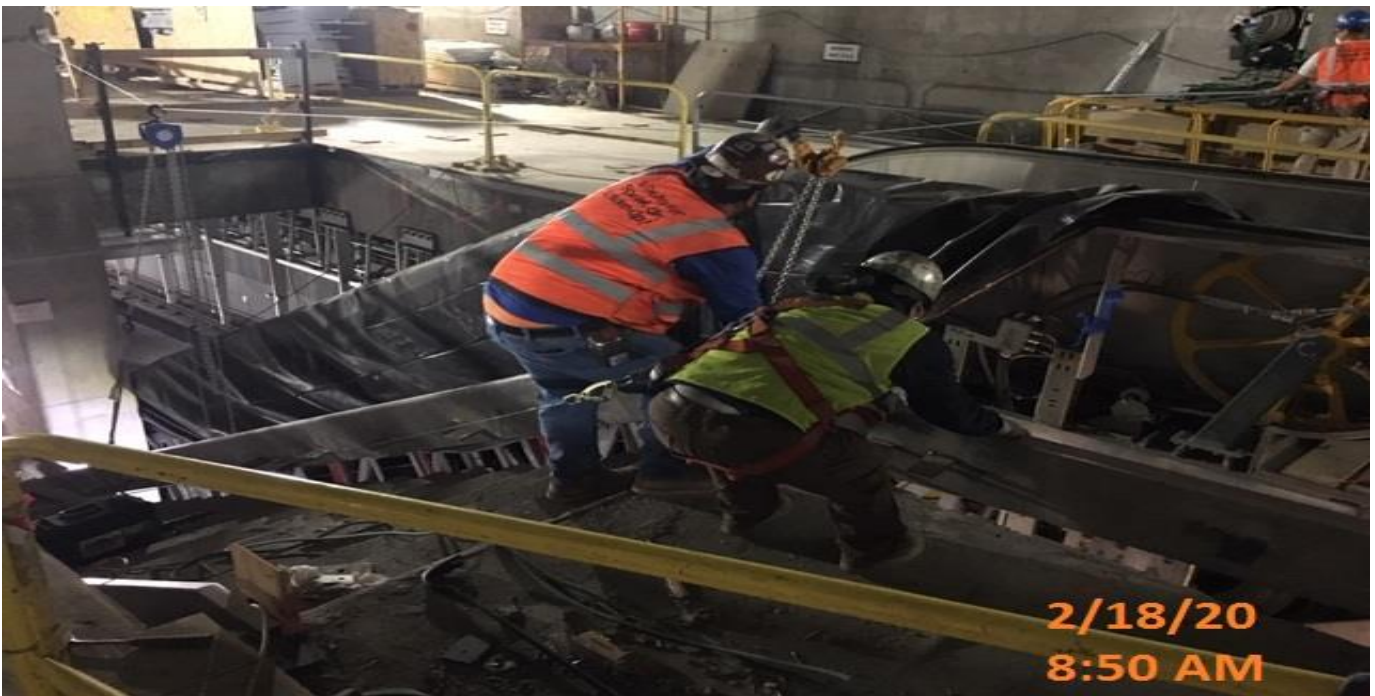


EXPO STATION – Continued setting sonotube foundation forms and bolt template for the installation of the luminaire light posts at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Began preparations for granite riser installation at the main staircase landing of the plaza level.

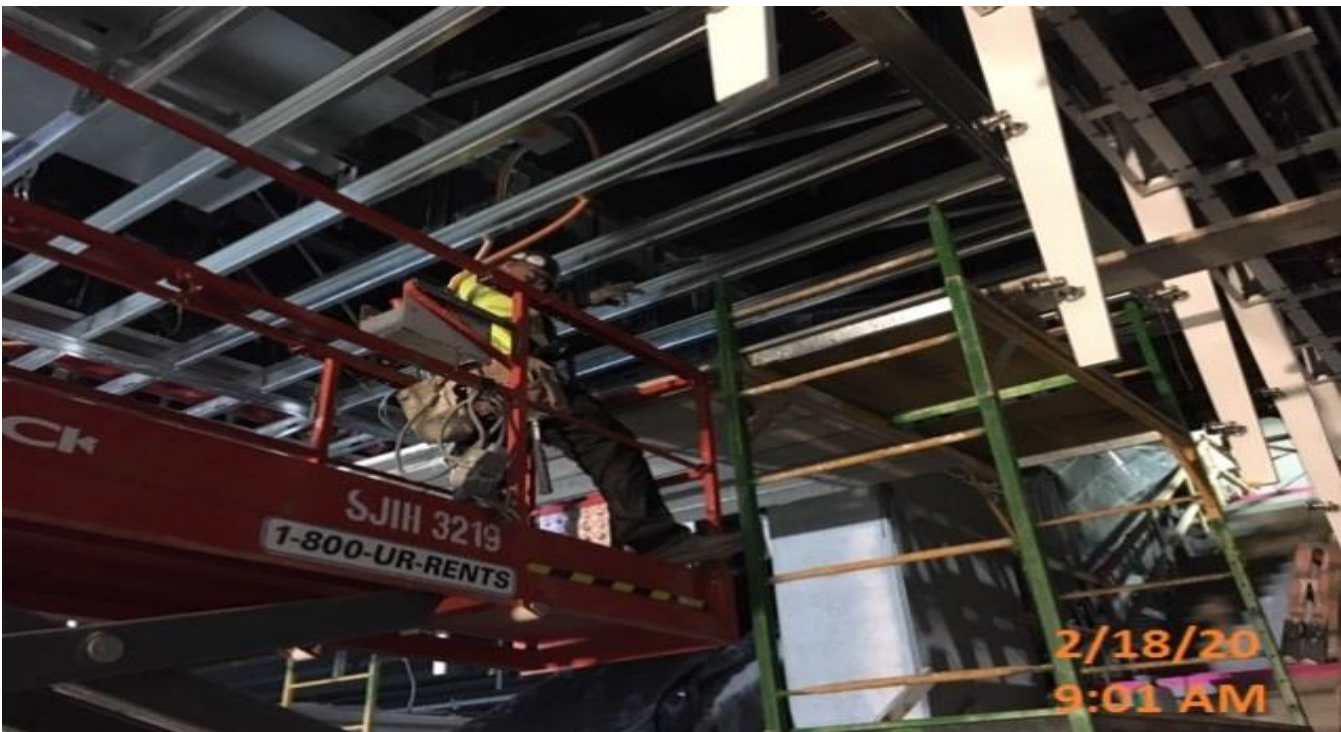


EXPO STATION – Continue edge plate installation for Staircase #3 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

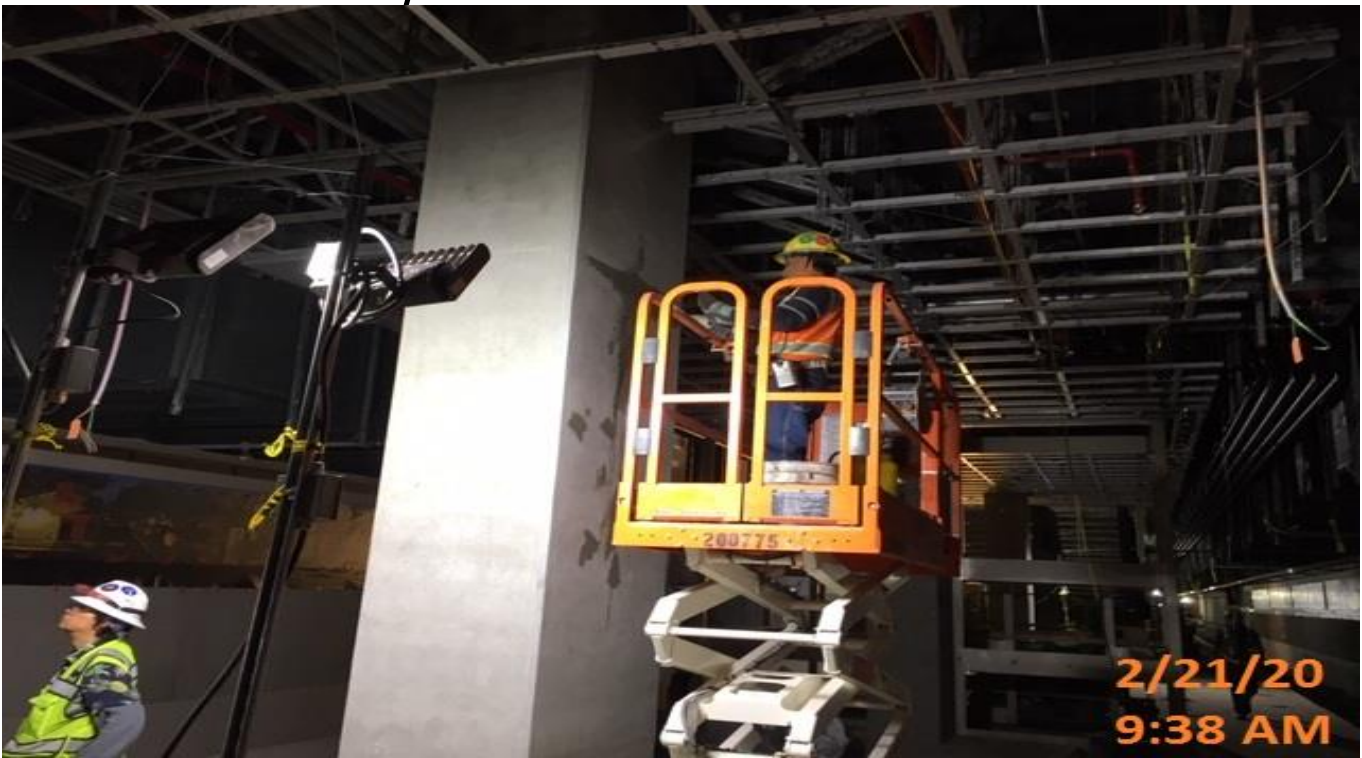


EXPO STATION – Installing divider screens to Elevator shaft/pit 1&2 at the concourse level.

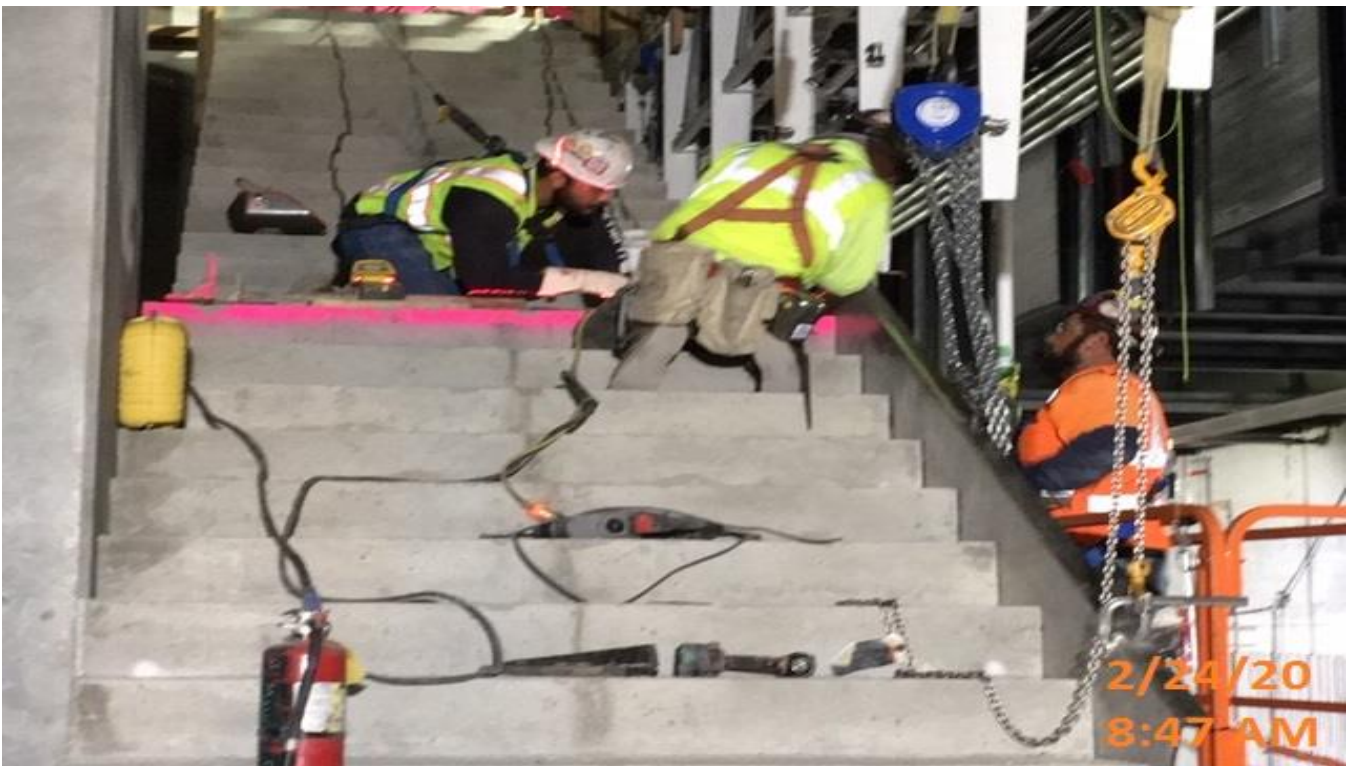


EXPO STATION – Continue light gauge metal framing installation beneath the staircases and escalators at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION – Continued grinding and smoothing columns at the platform level.



EXPO STATION – Continue edge plate installation for Staircase #2 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

EXPO STATION – Placing transformer on top of dielectric pad in the TPSS Room T – 115



MLK STATION – Installing rebar to the valve pit access hatch in preparation for concrete placement at the plaza level.



MLK STATION – Setting sleeves to the valve pit access hatch in preparation for concrete placement at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue sack/patch and ladder installation of Catch Basin #3 at the northeast corner of the plaza level. 2/18/20



MLK STATION – Excavating for LADWP fire water service connection for entire station at the plaza level. 2/19/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Saw cutting and excavating for new ADA ramp installation on the southeast corner of Martin Luther King Blvd and Crenshaw Blvd. 2/26/20

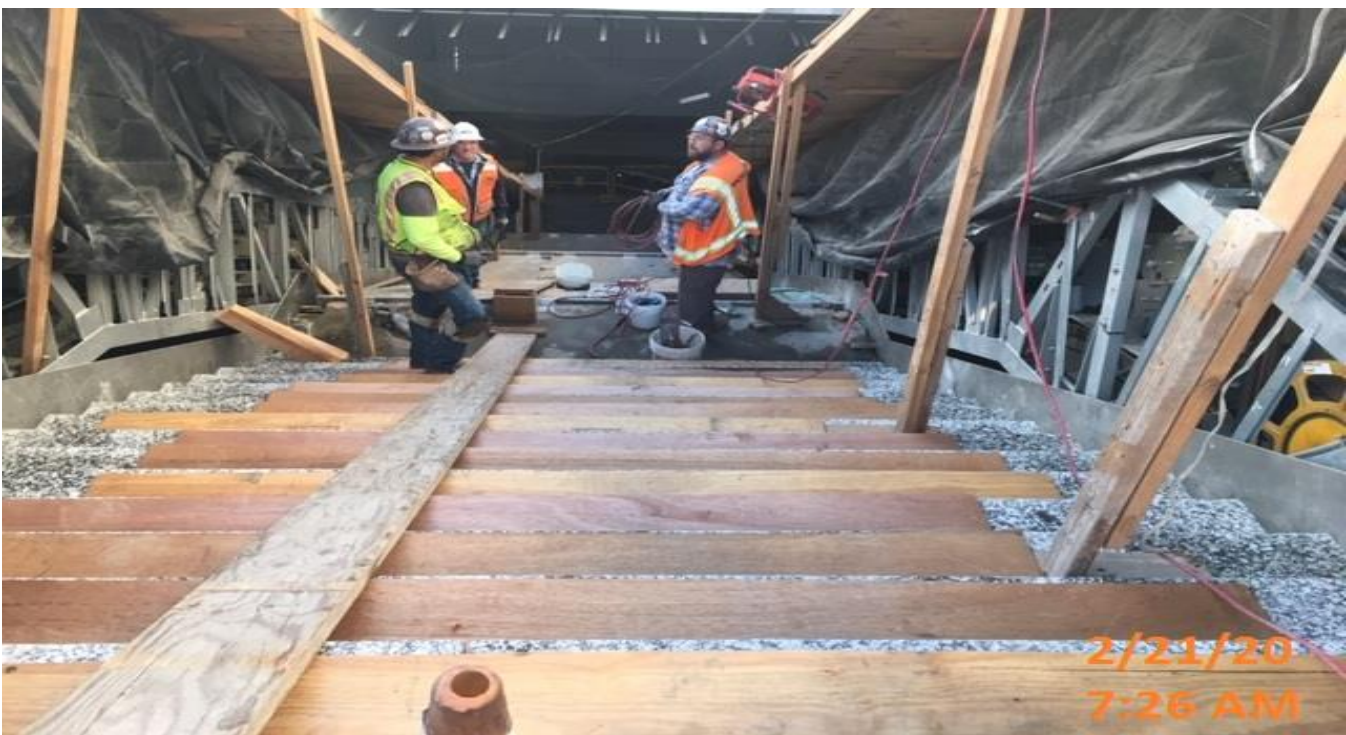


MLK STATION – backfilling/compacting for new sidewalk and ADA ramp installation on the southeast corner of Martin Luther King Blvd and Crenshaw Blvd. 2/27/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

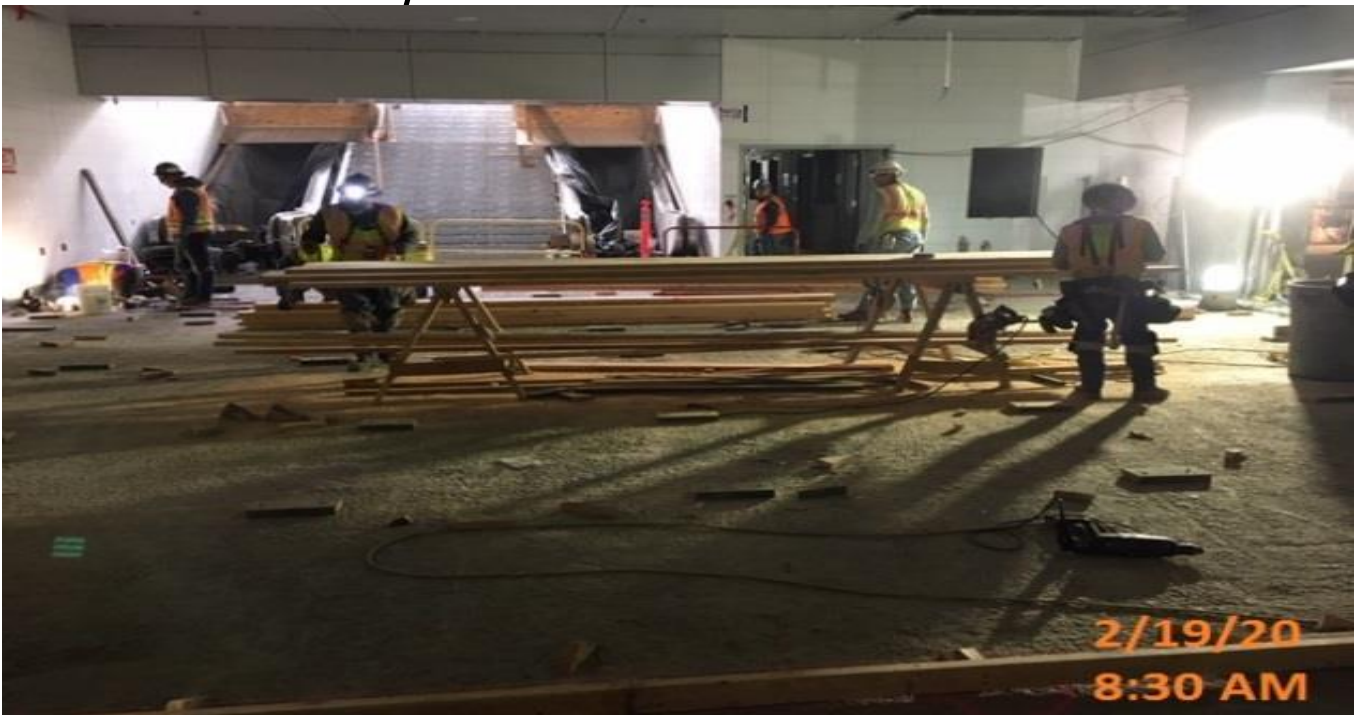


MLK STATION – Began glass panel fitting installation above the main entrance canopy structure at the plaza level.



MLK STATION – Continue installing granite risers at the main staircase landing of the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Began formwork for the architectural topping slab at the concourse level.



MLK STATION – Continue formwork for the architectural topping slab at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

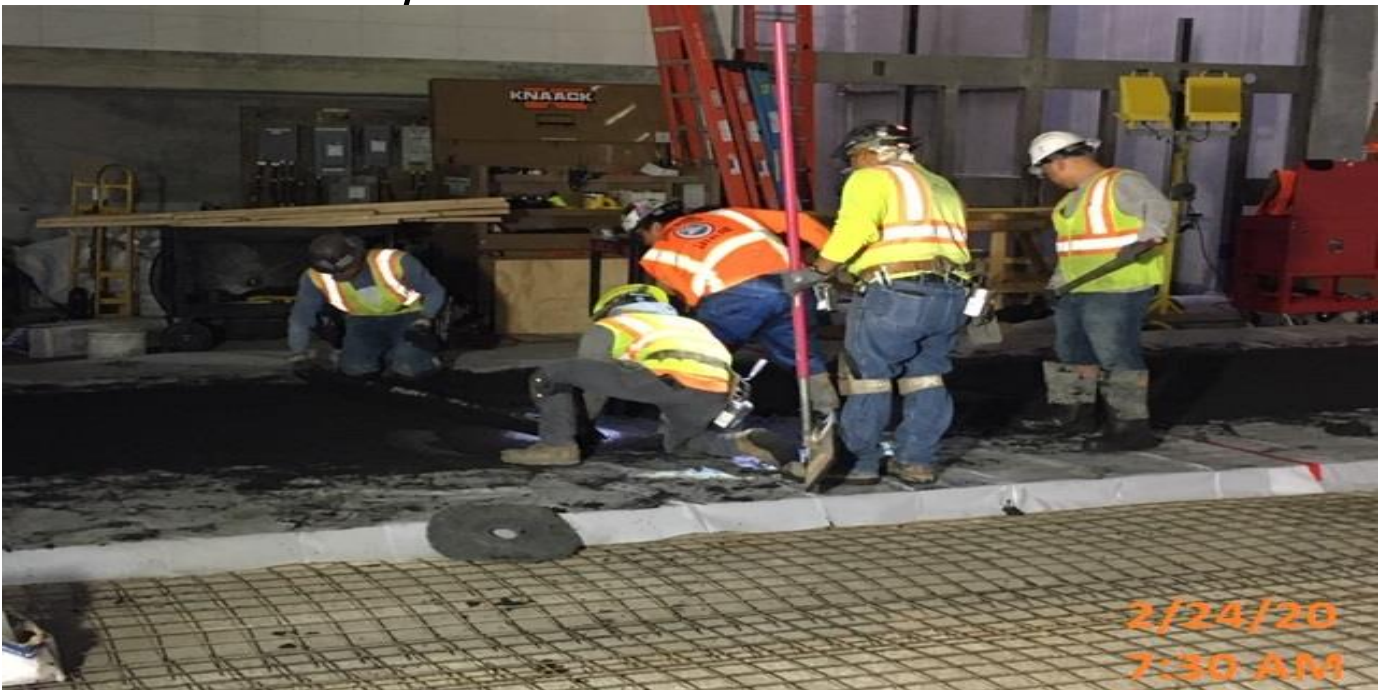


MLK STATION – Placing 1st phase of concrete on the architectural topping slab at the concourse level.

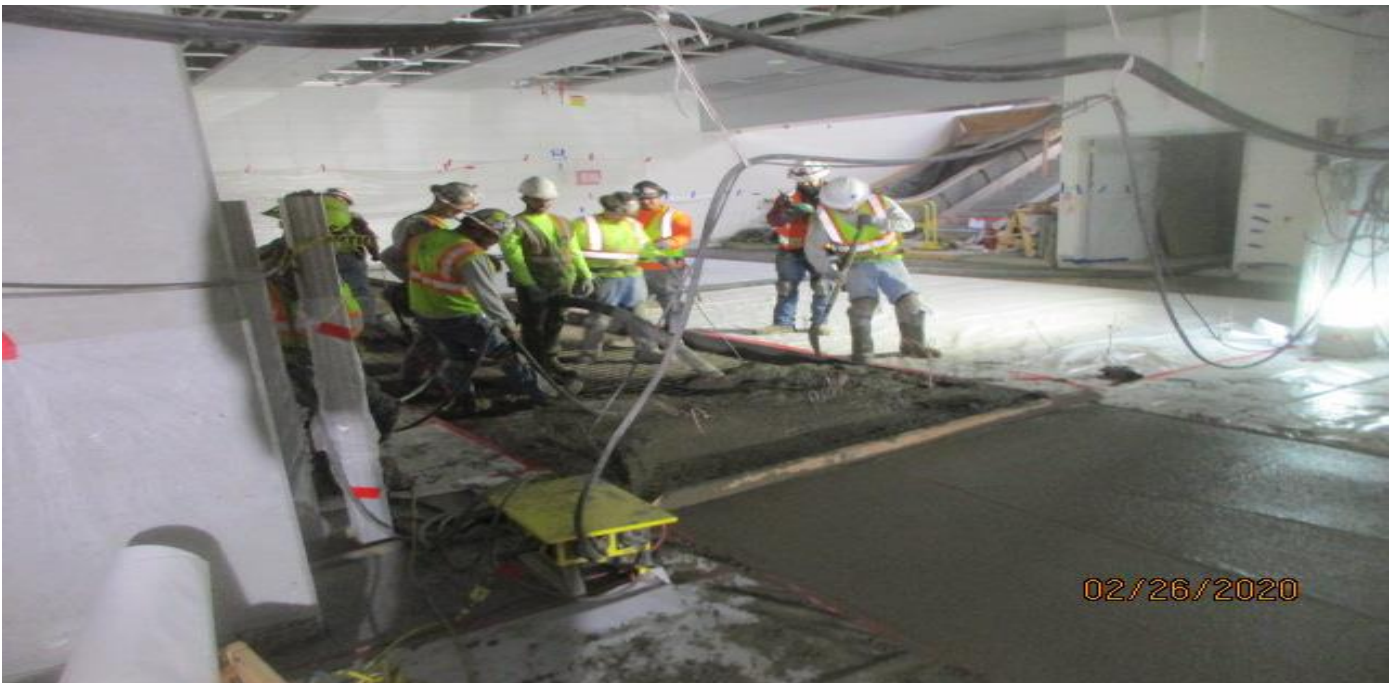


MLK STATION – Saw cut for expansion joints and buffing the architectural topping slab at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

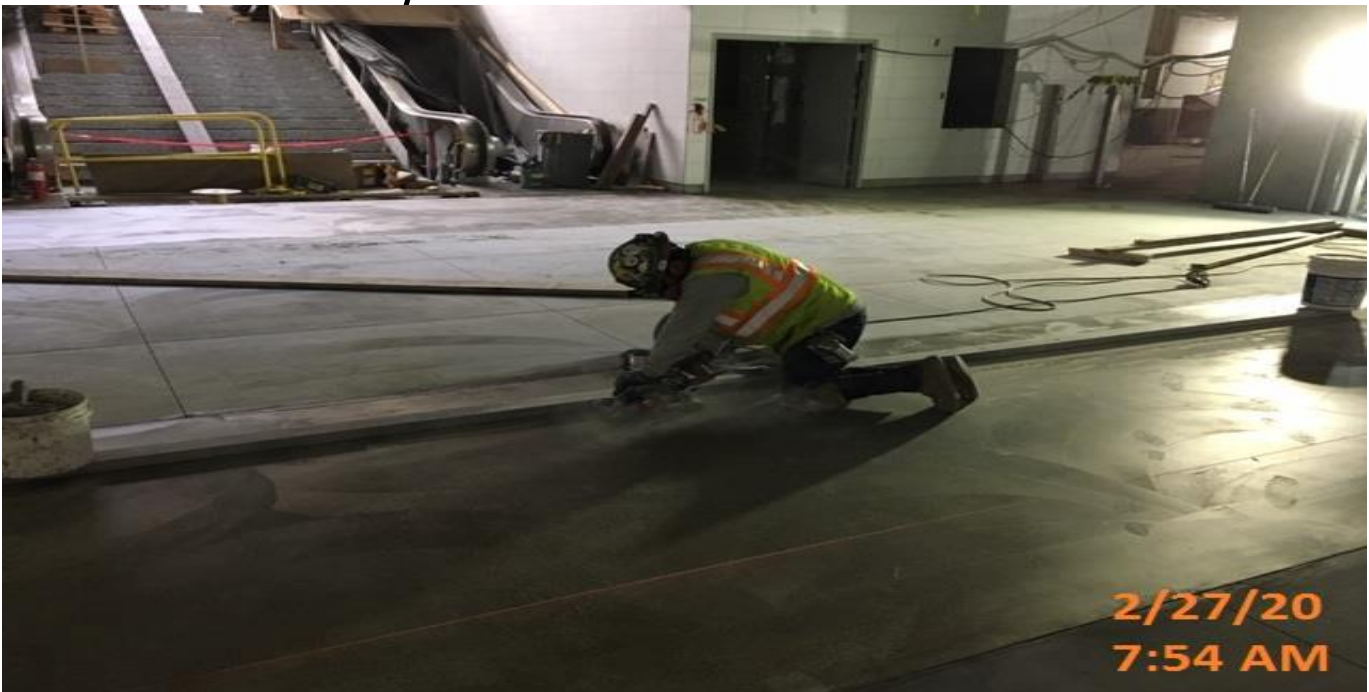


MLK STATION – Placing 2nd phase of concrete on the architectural topping slab at the concourse level.



MLK STATION – Placing 3rd phase of concrete on the architectural topping slab at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Saw cut for expansion joints and polishing the architectural topping slab at the concourse level.



MLK STATION – Surfacing and patching the architectural columns at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Rough-in of anchors and supports for the pull box and uni-strut posts for EVF-7-121 in the South Fan Room C – 102 of the concourse level.



MLK STATION – Began flex connection installation for EVF-6-322 in the North Fan Room C – 142 of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

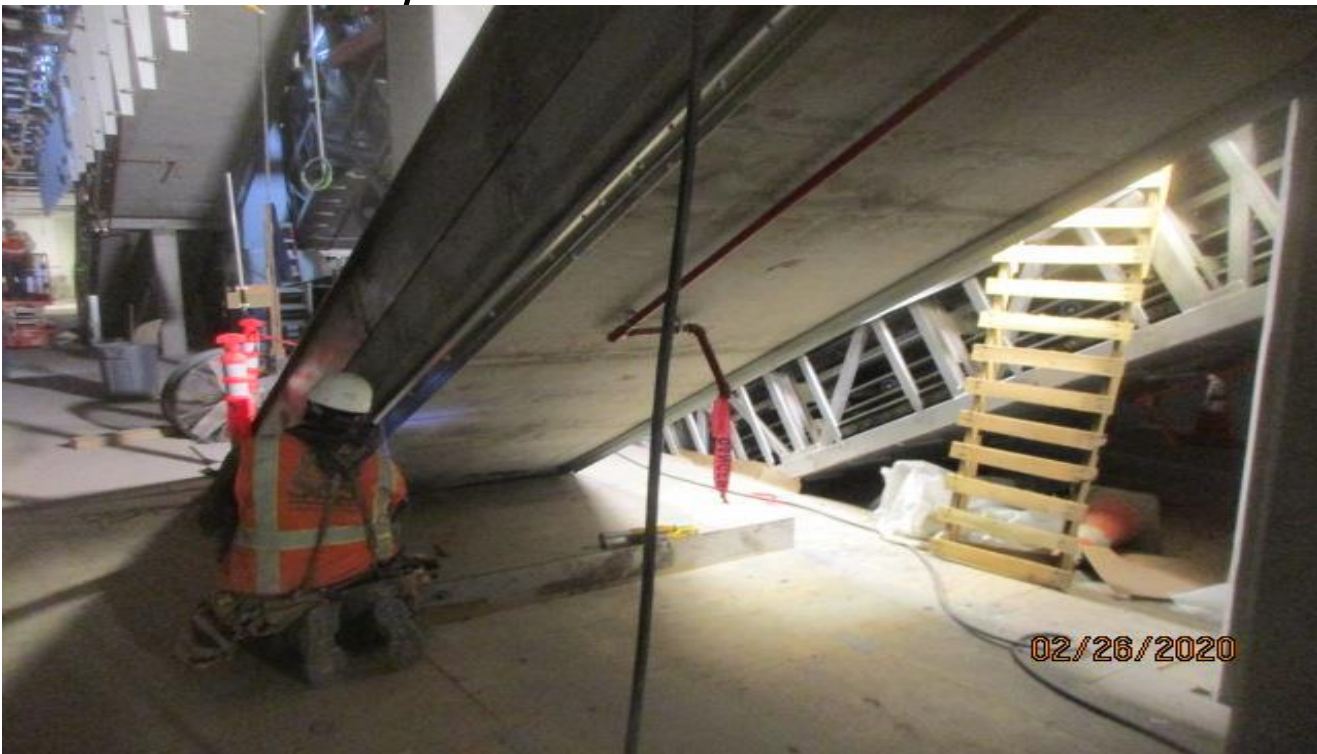


MLK STATION – Continue installing hardware and signage identification along the northbound track of the platform level.



MLK STATION – Installation 3” hydraulic line to valve for Elevator hoist way/pit 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Installation of laminated cladding frame for the metal panels beneath staircase 3 at the platform level.

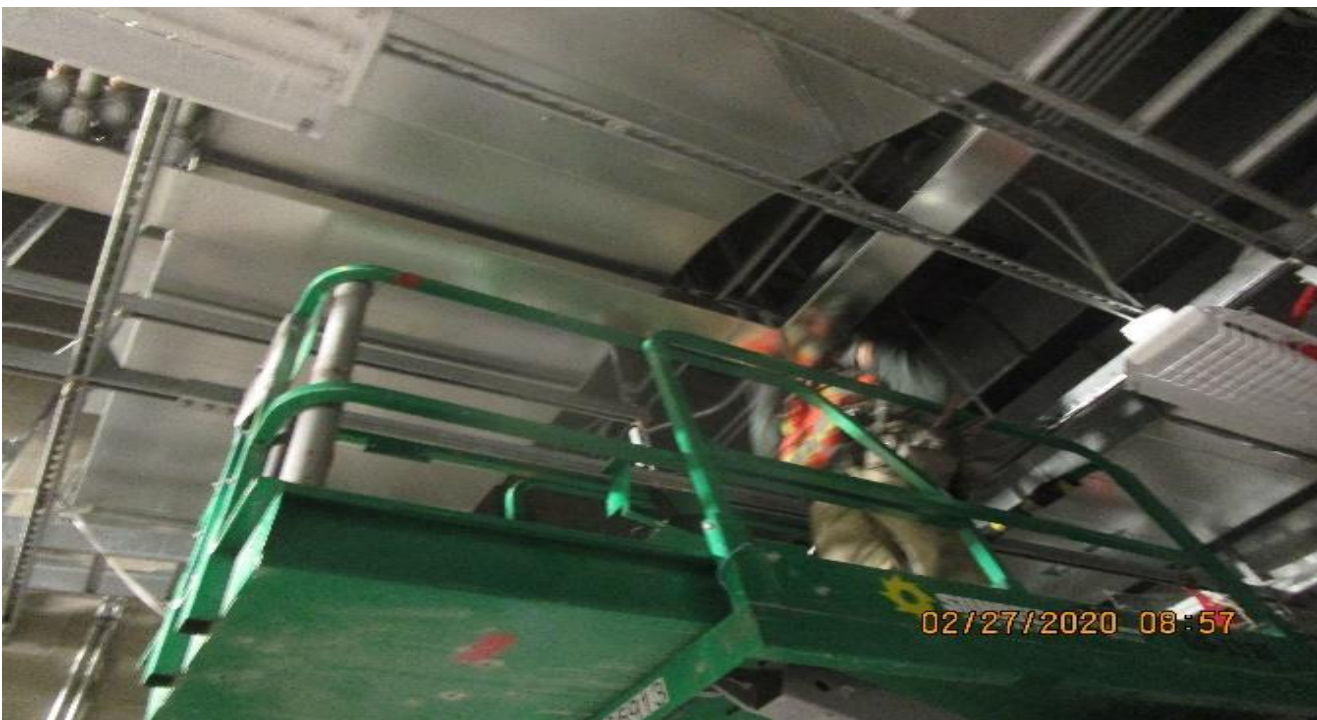


MLK STATION – Continue installation of laminated cladding frame for the metal panels beneath staircase 3 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Continue installing sheet metal drip pans for the overhead drainage in TPPS Room T109 of the invert level.



MLK STATION – Continue installing sheet metal drip pans for the overhead drainage in TPPS Room T109 of the invert level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – In Aux Pwr room south Faith Electric had installed a support structure for the high voltage cables.



MLK STATION – WSCC crew setting rod embeds for concrete slab.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC crew and Norcal potholing in new area.



MLK STATION – Free Area C118 & Paid Area C119, Begin at device locations continuity testing CAT-6 cables for LCD-CCTV.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC crew and Norcal continue exploratory work on leak repair.

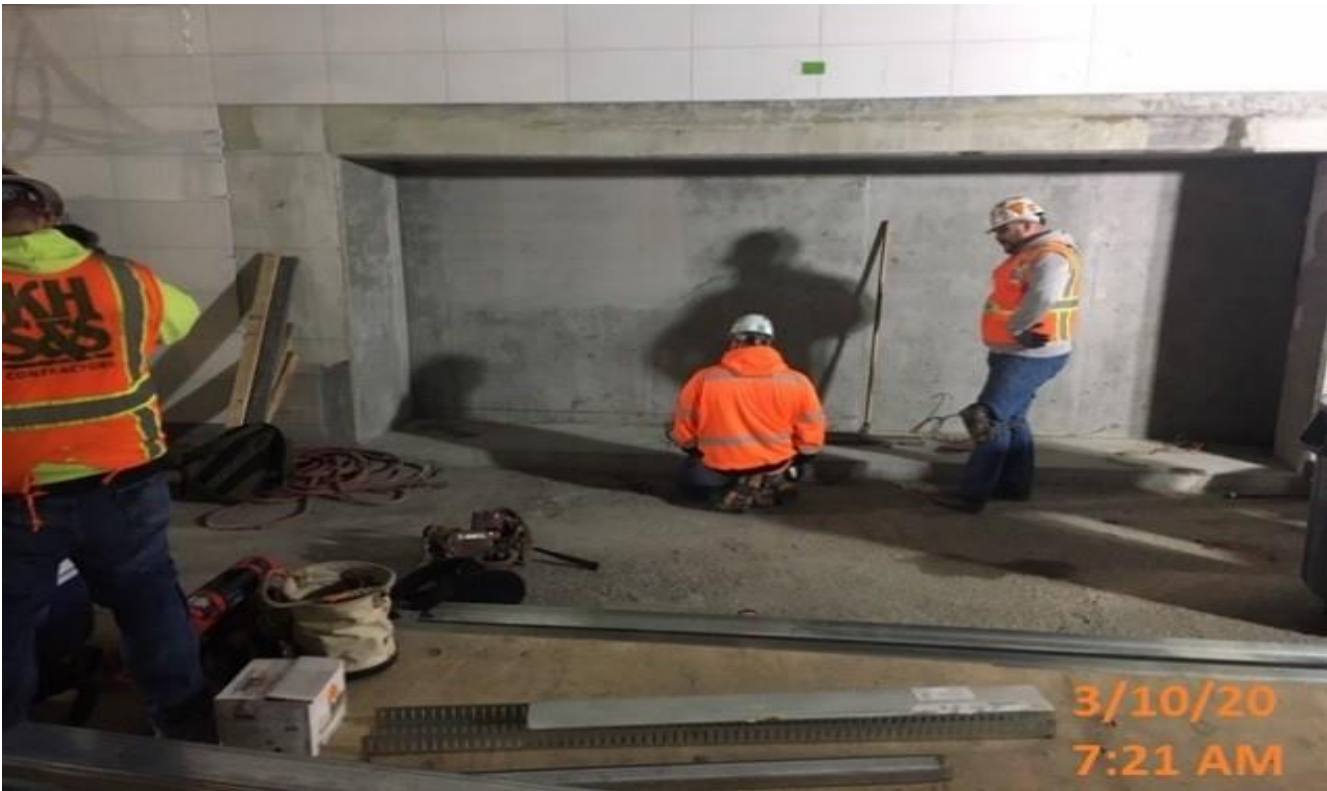


MLK STATION – KHS&S installing steel stud track beneath stairs.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC crew demoing AC for planter.



MLK STATION – KHS&S installing steel stud track for ticket vending machine at concourse level

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



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CRENSHAW/LAX PHOTOGRAPHIC UPDATE



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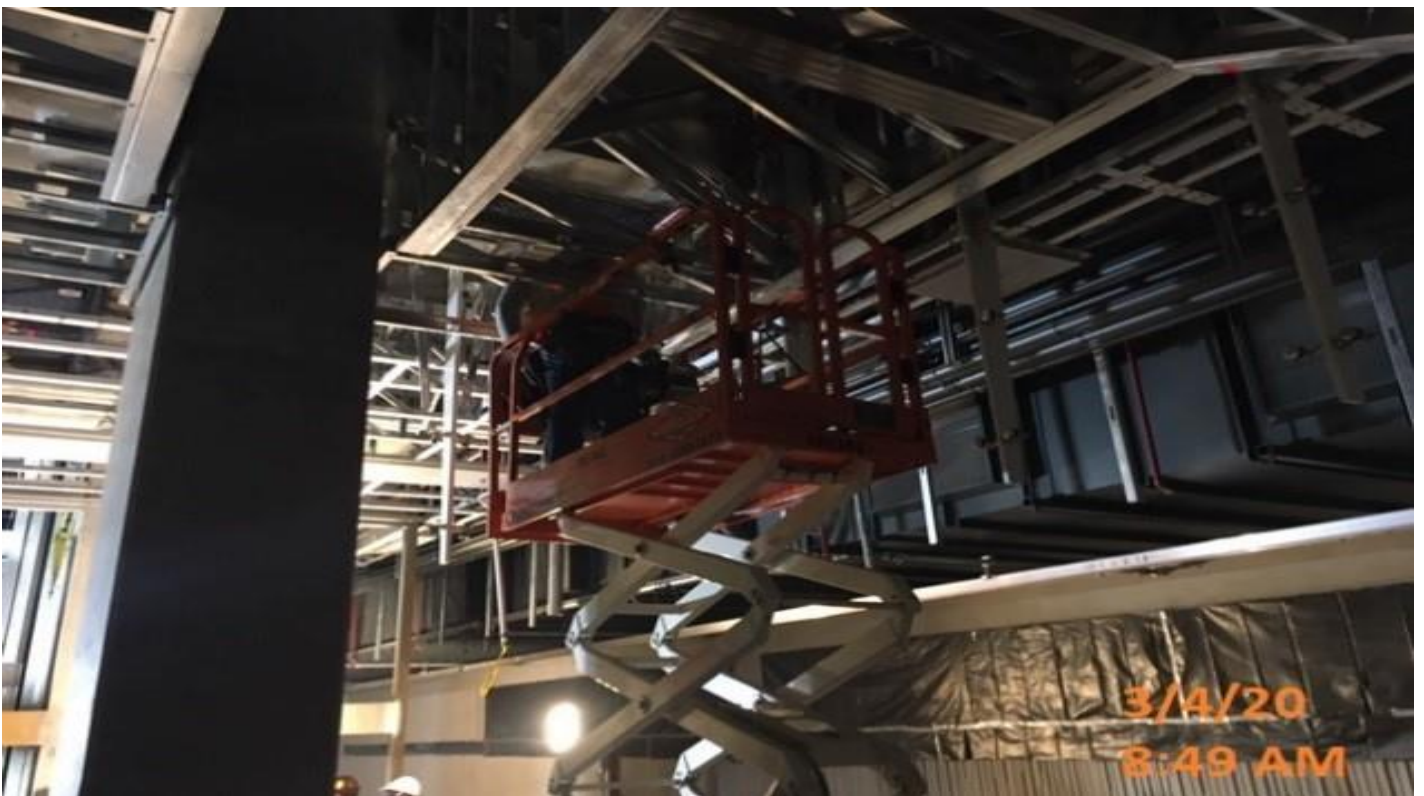


MLK STATION – Free Area C118 & Paid Area C119, Begin at device locations continuity testing CAT-6 cables for LCD-CCTV.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



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CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – WSCC crew demoing AC for planter.



MLK STATION – KHS&S installing steel stud track for ticket vending machine at concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION – Carrera Marble laying out granite risers for stair #3.

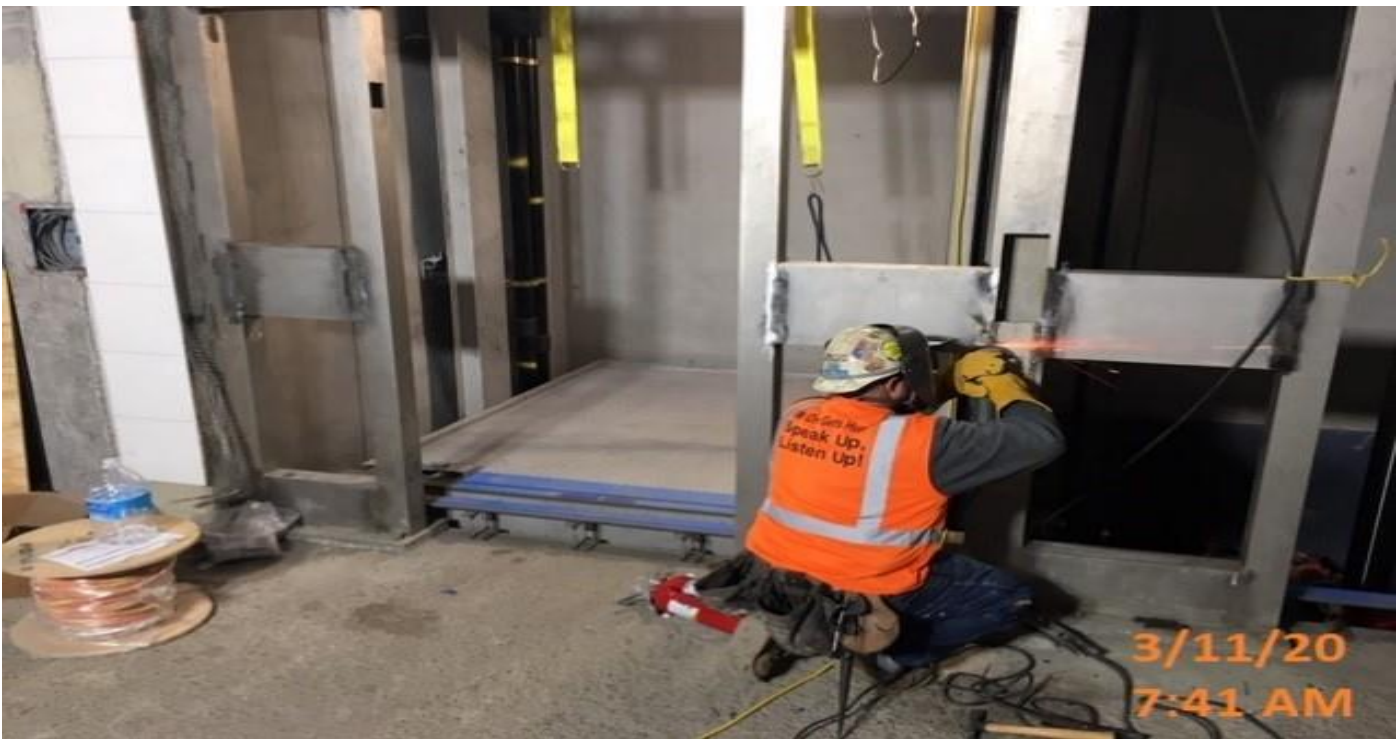


MLK STATION – WSCC crew placing concrete for fire protection valve pit top.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

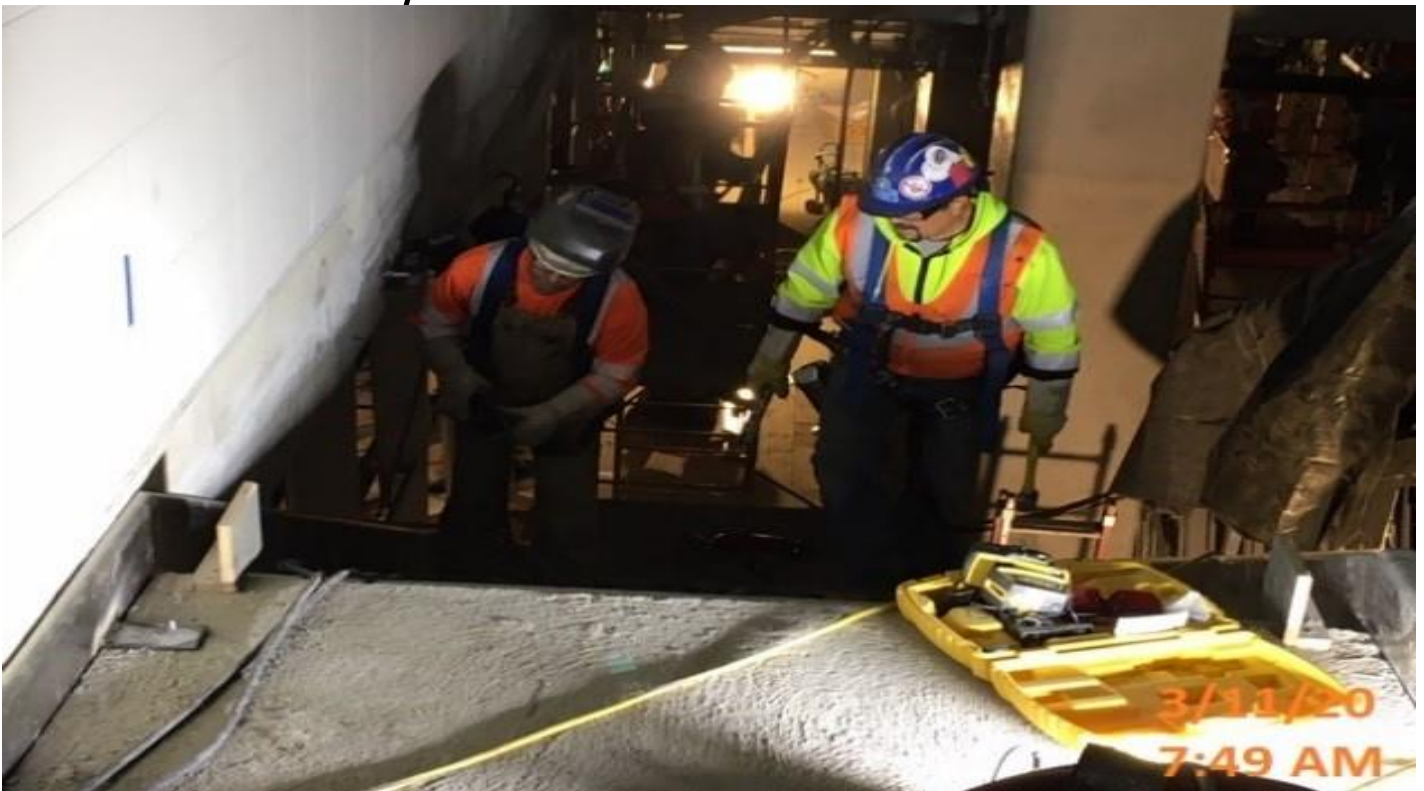


MLK STATION - MLK, Aux power (S) C109, Continued at MCC1,S & MCC2,S pre-energization Q,C check list items.



MLK STATION - WSCC ironworkers installing plaque for call box for elevator #1 and #2, at concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION - McMahon steel continued work on edge plate for stairwell #2.



MLK STATION - WSCC removing fencing and placing temp fence prior to excavating for east entrance stairs.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION - Excavating/demolishing for planter wall footings at the plaza level.



MLK STATION - Continue excavating/demolishing for planter wall footings at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

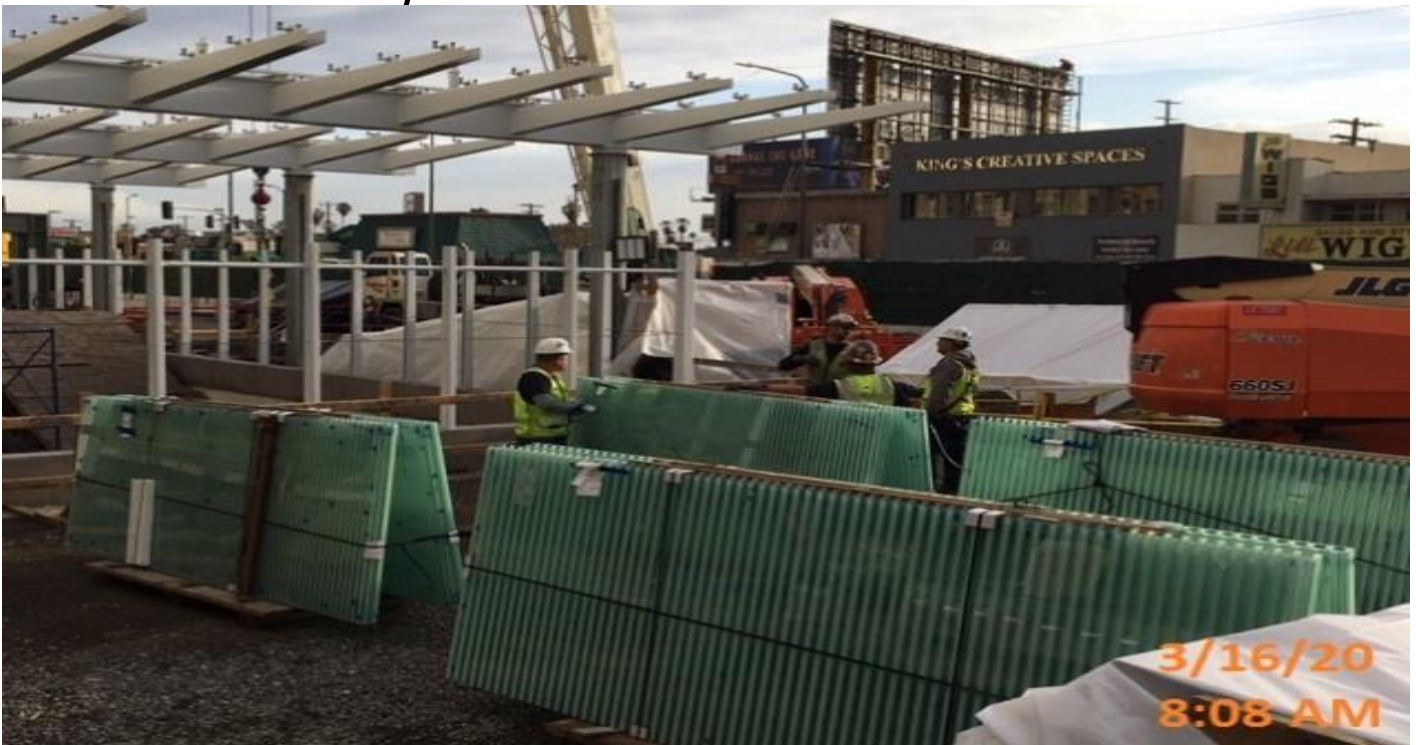


MLK STATION - Began placing concrete on top of the fire protection valve pit access hatch at the plaza level.



MLK STATION - Building forms for metal base plates for the main entrance canopy columns at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

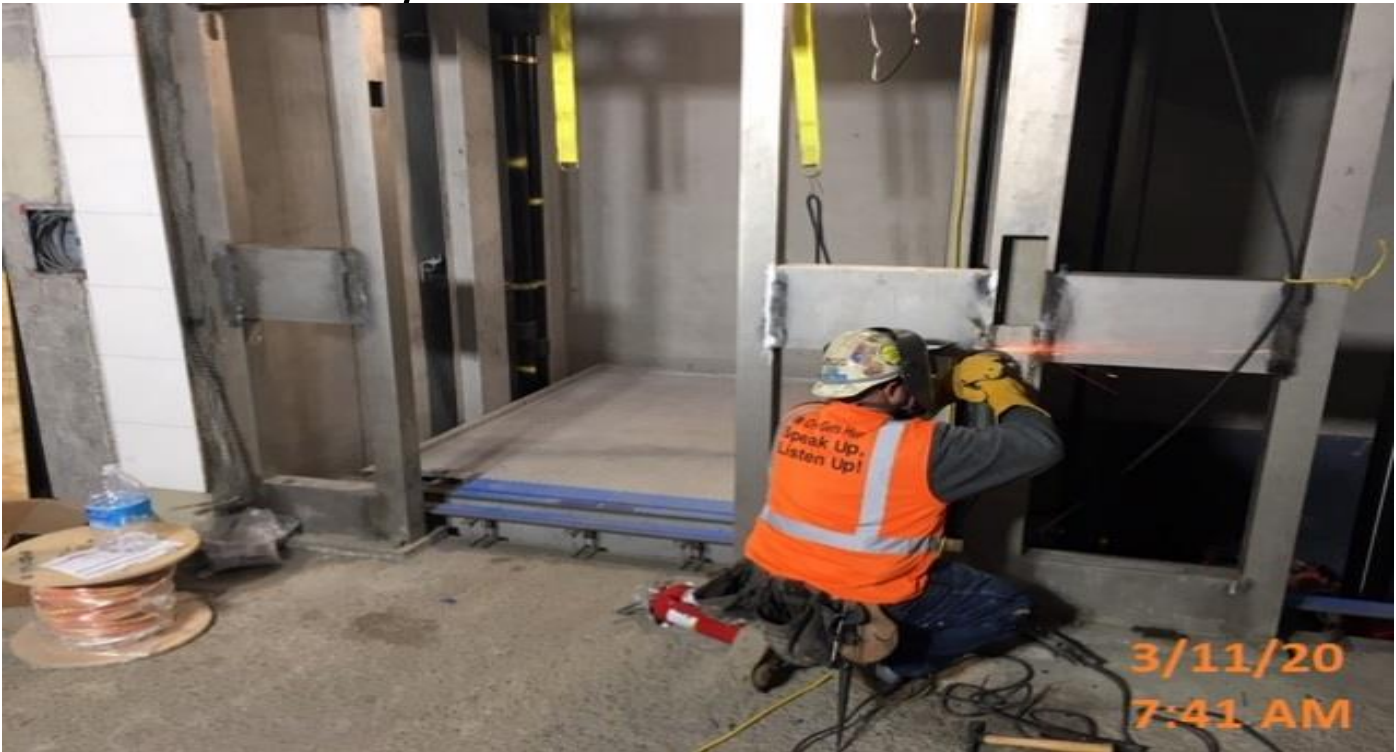


MLK STATION - Preparing to install tempered glass above the main entrance canopy structure at the plaza level.

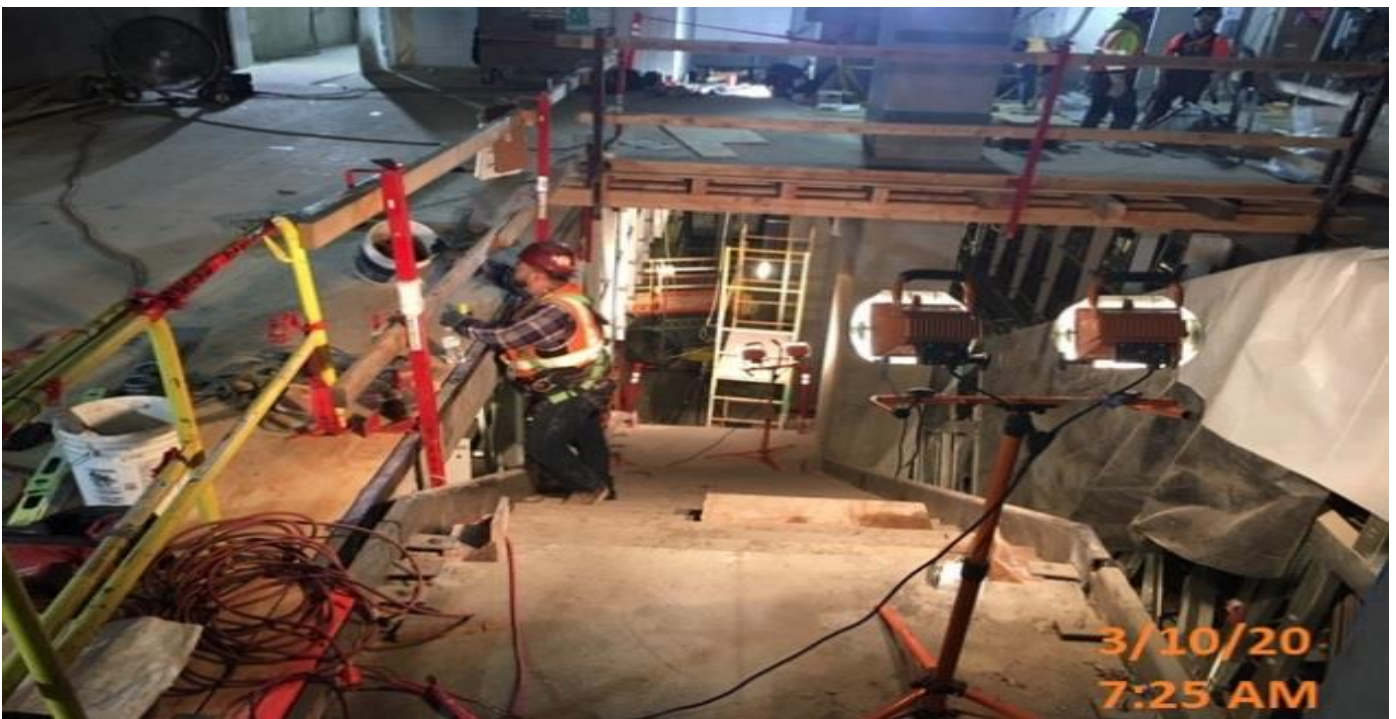


MLK STATION - Installing steel stud track for the ticket vending machine at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION - Installing and welding call button plaque for Elevators 1&2 at the concourse level.

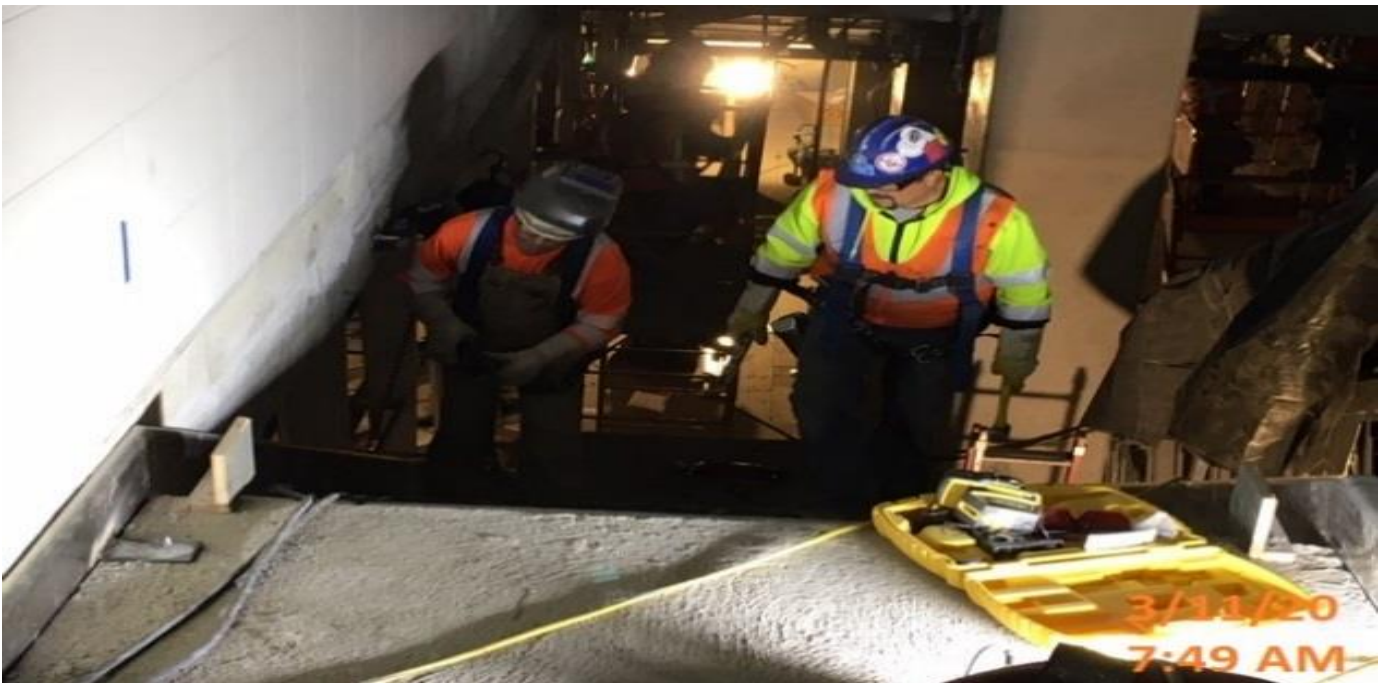


MLK STATION - Began layout in preparation for granite riser installation for staircase#3 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

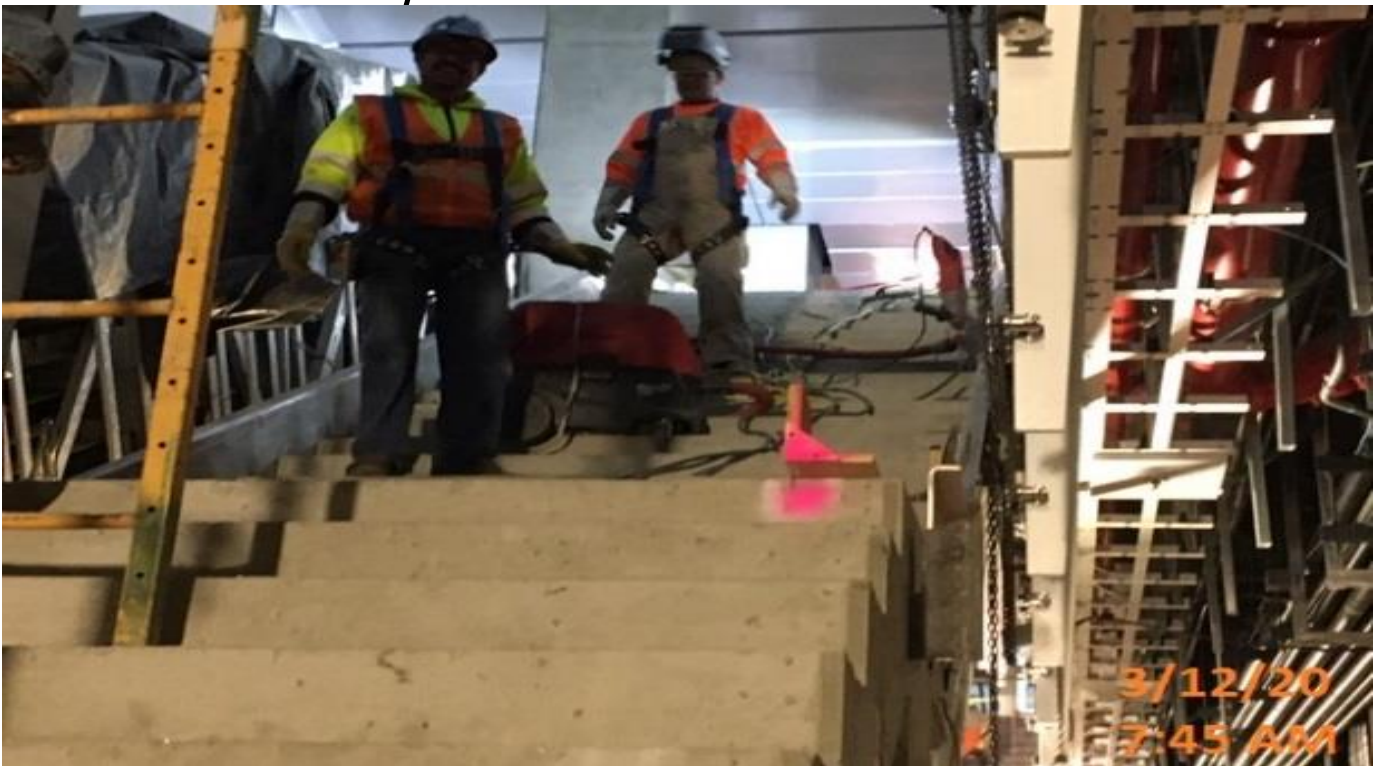


MLK STATION - Began granite riser installation for staircase#3 at the concourse level.

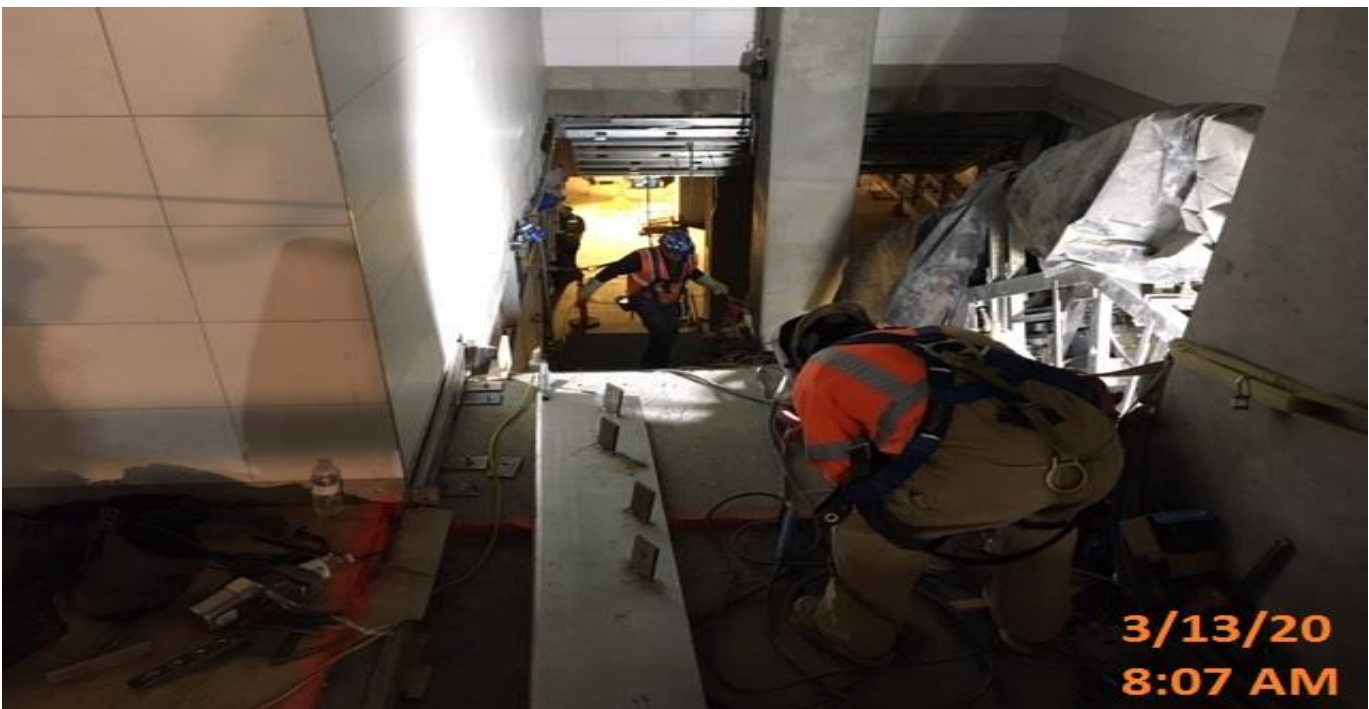


MLK STATION - Continued edge plate installation for stairwell #2 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION - Continued edge plate installation for stairwell #2 at the concourse level.



MLK STATION - Continued edge plate installation for stairwell #2 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION - Installing bird protection screens on the sound attenuators for EVF-7-322 in the North Fan Room C – 142 of the concourse level.

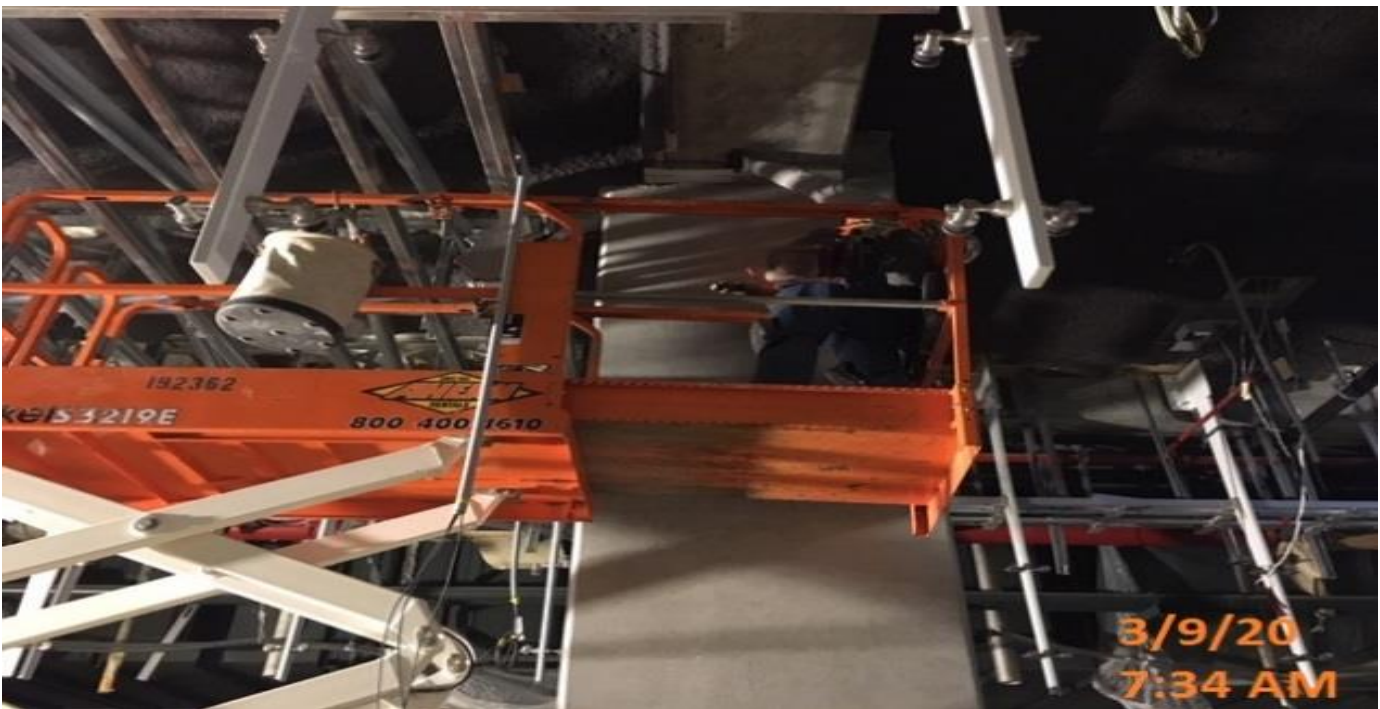


MLK STATION - Began rough in for fire rated conduit installation to the pull box for EVF-7-121 in the South Fan Room C – 102 of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



MLK STATION - Continue rough in for fire rated conduit installation to the pull box for EVF-7-121 in the South Fan Room C – 102 of the concourse level.



MLK STATION - Continue installing steel stud track and framing underneath escalator 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

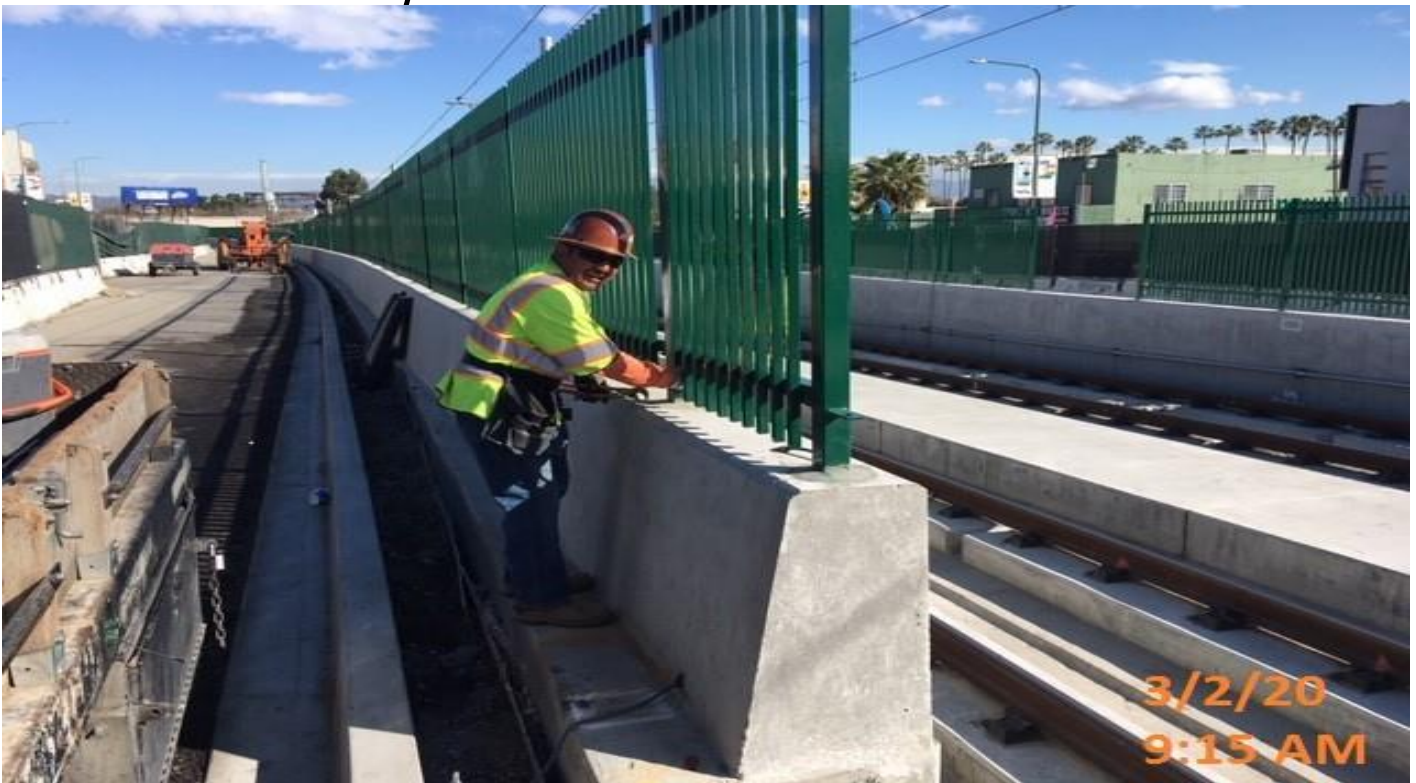


MLK STATION - Continue installing steel stud track and framing underneath escalator 3&4 at the platform level.



MLK STATION - Completing installation of the Metro signage at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- WSCC crew building formwork to seal wall.



EXPO STATION- WSCC crew setting bolt templates for sono tubes.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- McMahon installing cat walk grating above main.



EXPO STATION- WSCC crew potholing and setting sono tubes for plaza lighting

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- EXPO Civil- WSCC placing concrete for cross gutter.



EXPO STATION- WSCC electricians installing FA conduit.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



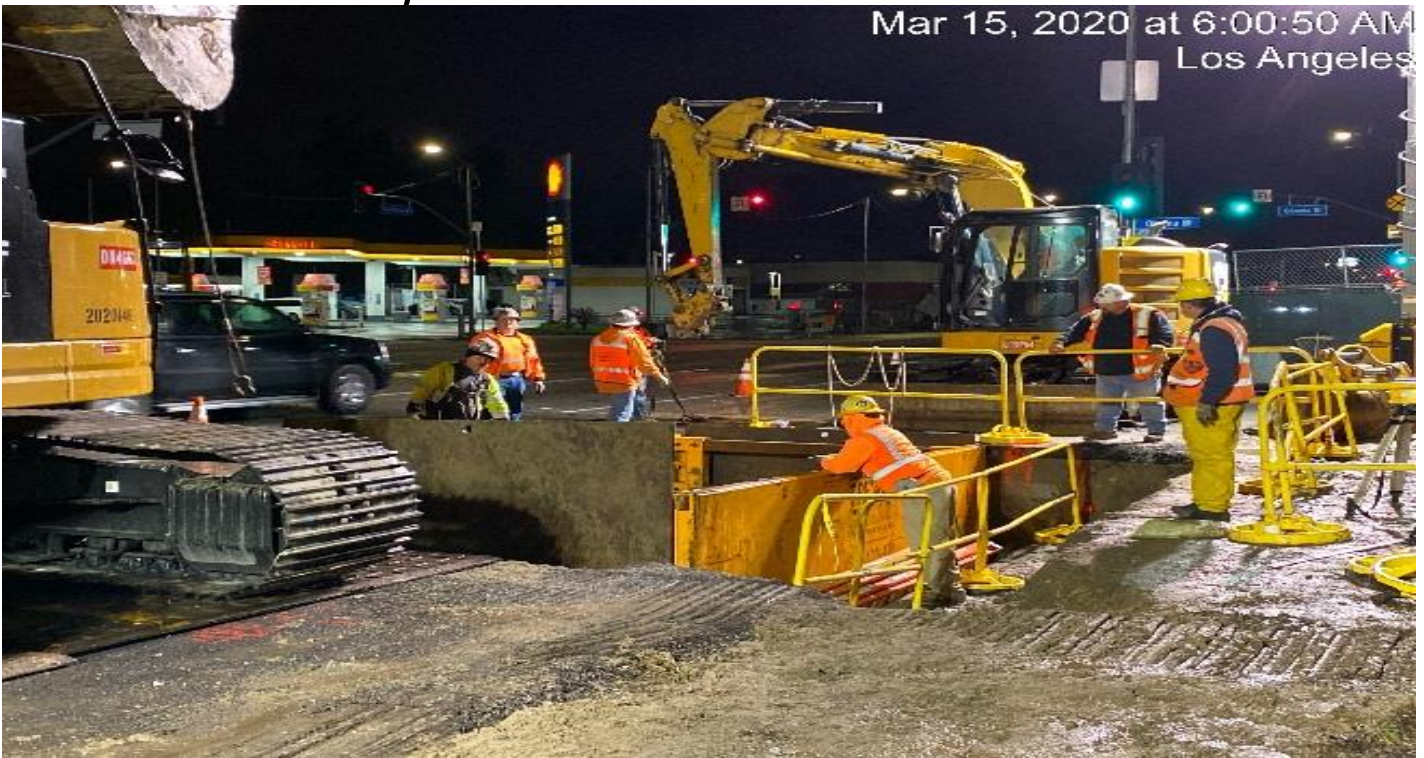
EXPO STATION- Excavating for new curb/gutter and sidewalk installation on Crenshaw Blvd between Exposition Blvd and Rodeo Blvd. 3/4/20



EXPO STATION- Excavated and completed the installation of shoring box #1 for the oil water separator on Rodeo Blvd and Crenshaw Blvd.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Mar 15, 2020 at 6:00:50 AM
Los Angeles



EXPO STATION- Excavating for the installation of shoring box #2 for the oil water separator on Rodeo Blvd and Crenshaw Blvd.



EXPO STATION- Continue demolition/excavation of the roadway east of the plaza in preparation for trenching and underground electrical fiber rough in. 3/14/20.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Continue demolition/excavation of concrete slabs east of the plaza in preparation for trenching and underground electrical fiber rough in.



EXPO STATION- Placing concrete for cross gutter on Bronson St. east of the plaza.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Continue setting sonotube foundation for the installation of the luminaire light posts at the plaza level.



EXPO STATION- Installing cat walk grating above the main entrance canopy structure at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Welding frame for the emergency exit stairs at the main entrance of the plaza level.



EXPO STATION- Installing granite risers at the main entrance staircase landing of the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



EXPO STATION- Continue installing granite risers at the main entrance staircase landing of the plaza level.



EXPO STATION- Grinding welds on fascia of Elevator Structures 1&2 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Placing asphalt concrete and compacting sidewalk on northbound Leimert Blvd and Crenshaw Blvd. 2/26/20



LEIMERT PARK STATION – Continue excavating for planar wall sections at the northeast end of the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Excavating for ADA ramp installation at the southeast end of the plaza level.



LEIMERT PARK STATION – Surfacing and patching the green screen wall at the south perimeter of the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Setting sonotube foundation forms and rough-in of PVC footings for the installation of the luminaire light posts at the plaza level.



LEIMERT PARK STATION – Began perimeter formwork for slab encasement of irrigation lines for the main entrance canopy at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Began perimeter formwork for slab encasement of irrigation lines for the main entrance canopy at the plaza level.



LEIMERT PARK STATION – Continue glass panel installation above the main entrance canopy structure at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue glass panel installation above the main entrance canopy structure at the plaza level.



LEIMERT PARK STATION – Continue glass panel installation and sealing edges with silicone above the main entrance canopy structure at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Marking gridlines in preparation for the architectural topping slab at the plaza level.



LEIMERT PARK STATION – Continue guide rail bracket support for Elevator hoist way/pit 1 at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Installing conduit to junction boxes for Escalators 1&2 at the intermediate level.



LEIMERT PARK STATION – Installing conduit to junction boxes for Escalators 3&4 at the intermediate level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

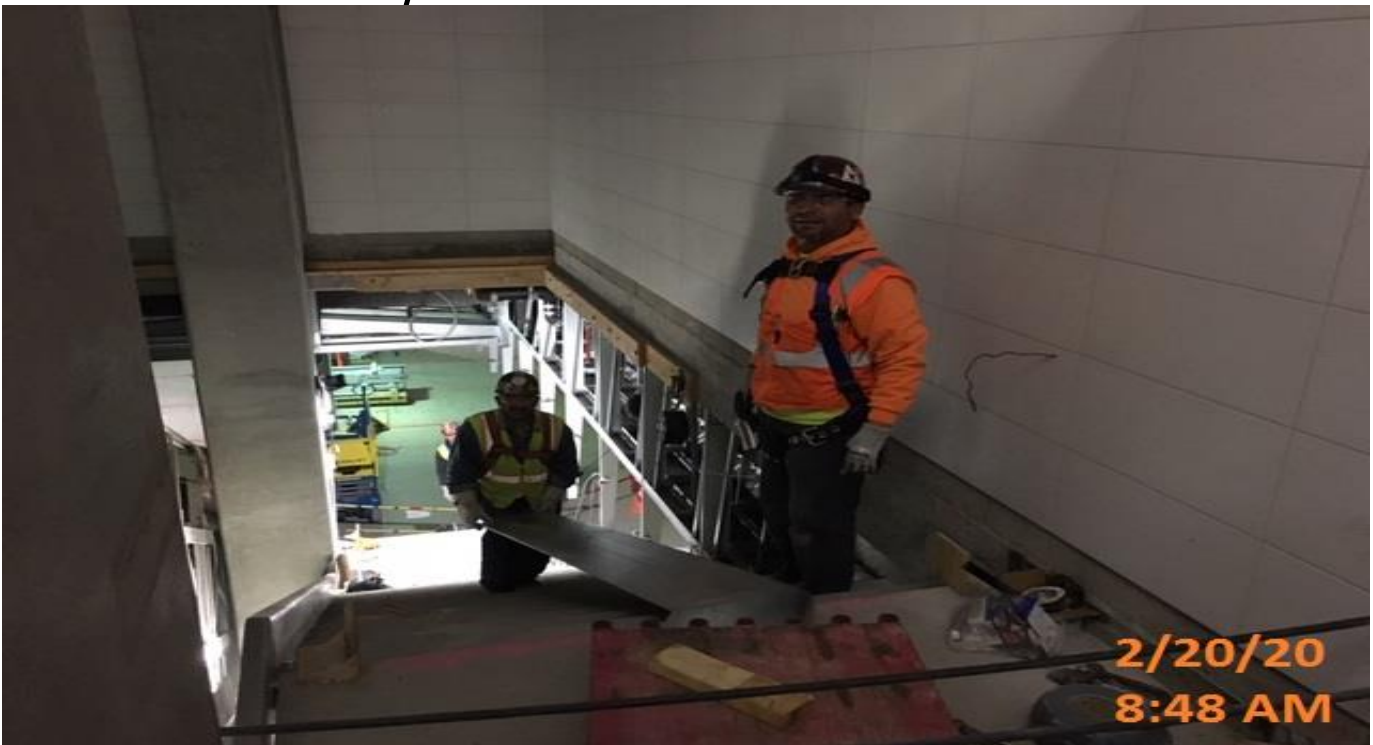


LEIMERT PARK STATION – Continue guide rail bracket support for Elevator hoist way/pit 2 at the concourse level.



LEIMERT PARK STATION – Continue guide rail bracket support for Elevator hoist way/pit 3 at the concourse level. 3/2/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue edge plate installation for Staircase #3 at the concourse level.



LEIMERT PARK STATION – Installing aluminum ceiling panels throughout the Free & Paid Area of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Installing bird protection screens on the sound attenuators in both the North C – 126 and South C – 102 Fan Rooms of the concourse level.

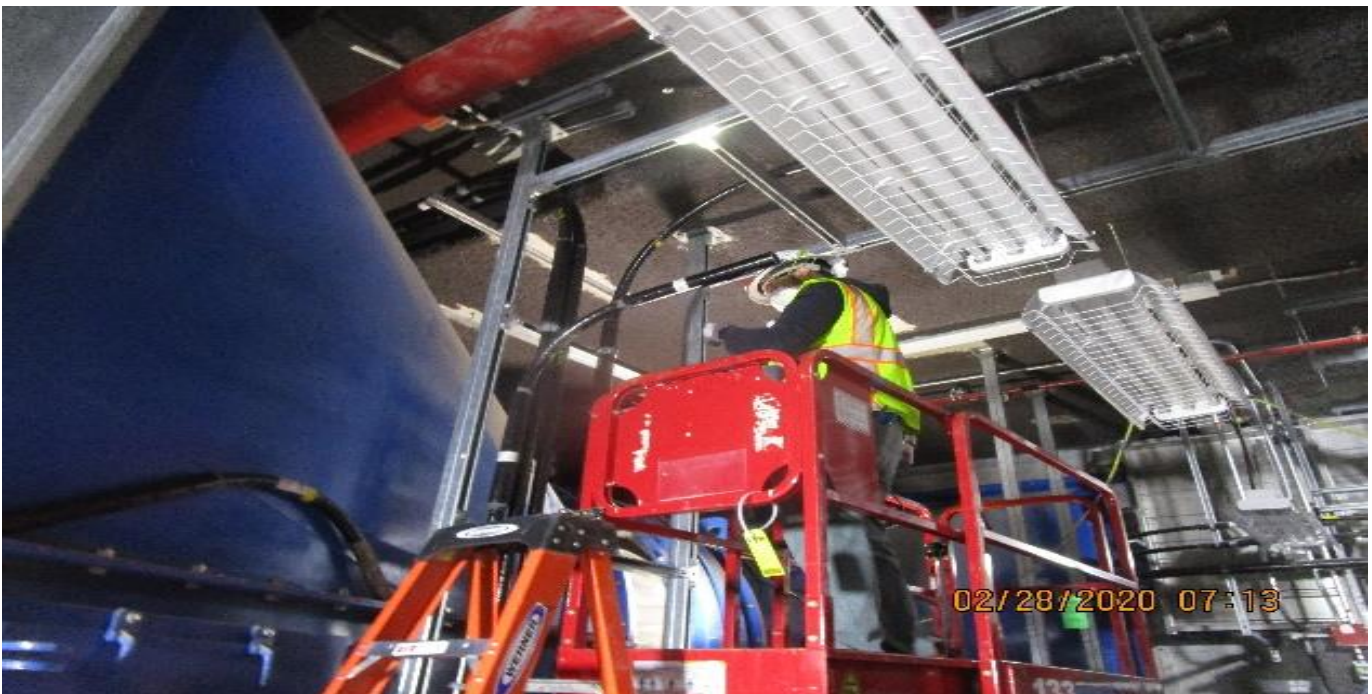


LEIMERT PARK STATION – Installing conduit to the pull box for EVF-6-101 in the South Fan Room C – 102 of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing conduit to the pull box for EVF-6-101 in the South Fan Room C – 102 of the concourse level.

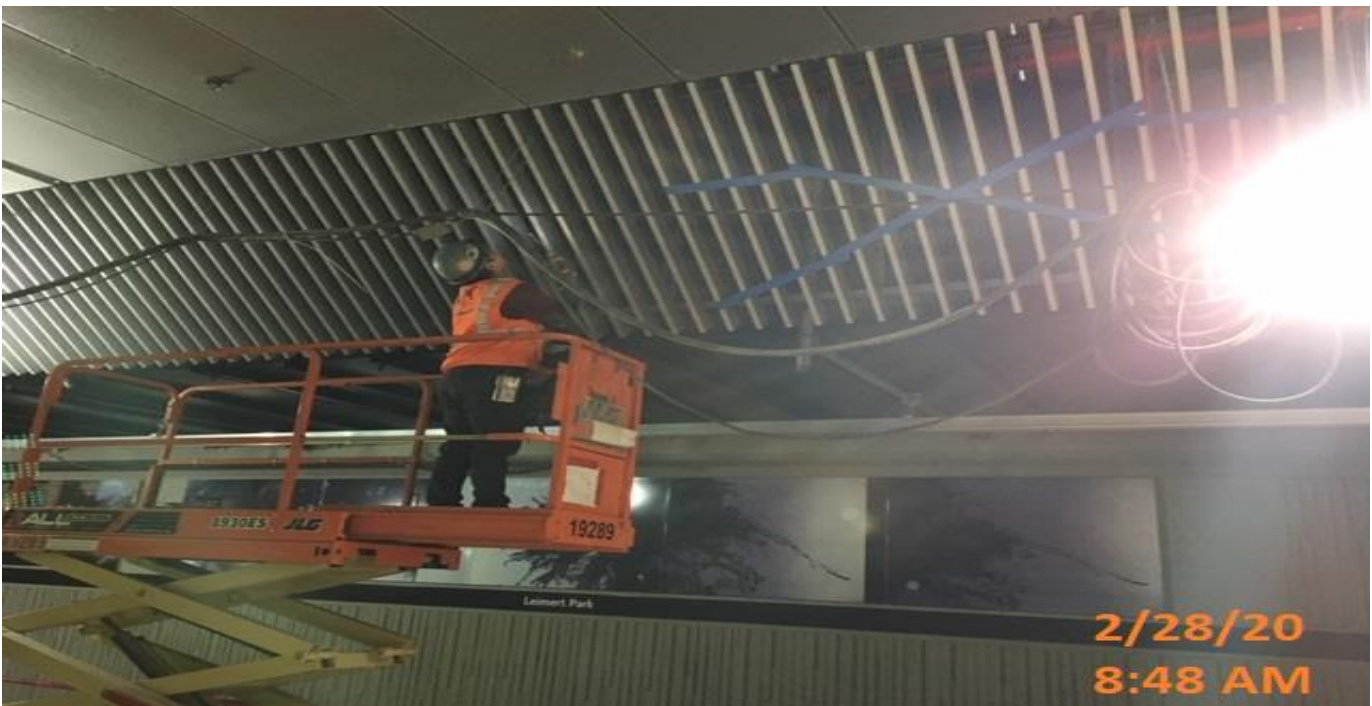


LEIMERT PARK STATION – Continue installing conduit to the pull box for EVF-6-301 in the South Fan Room C – 102 of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing conduit to the pull box for EVF-6-301 in the South Fan Room C – 102 of the concourse level.



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

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Placing slurry at the south end of the main staircases of the plaza level.



LEIMERT PARK STATION – Began excavating for the east emergency exit staircases at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue excavating for the east emergency exit staircase and planter wall section at the plaza level.

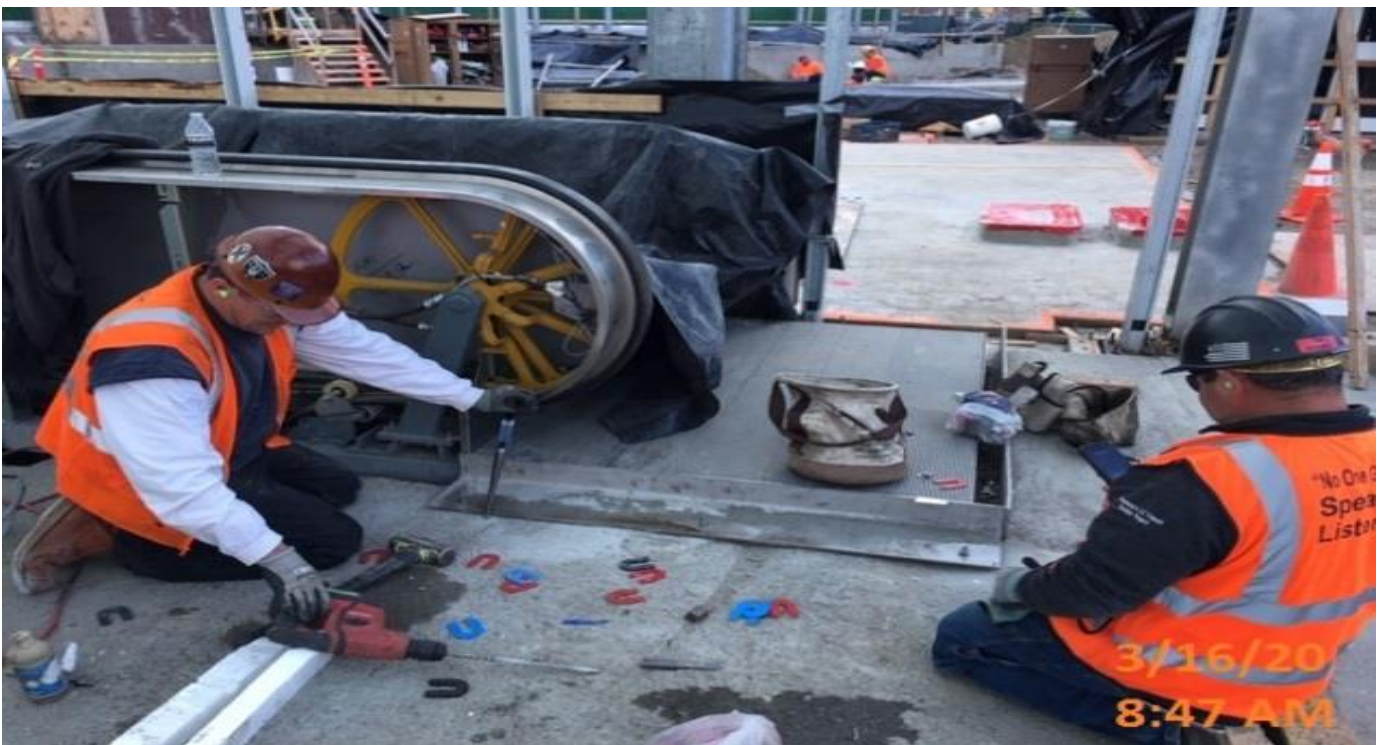


LEIMERT PARK STATION – Fabricating stainless steel station bollards at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Excavating trench for the installation of the stainless steel station bollards at the plaza level.



LEIMERT PARK STATION – Excavating trench for the installation of the stainless steel station bollards at the plaza level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Resume installation of remaining miscellaneous wall tiles at the plaza level.

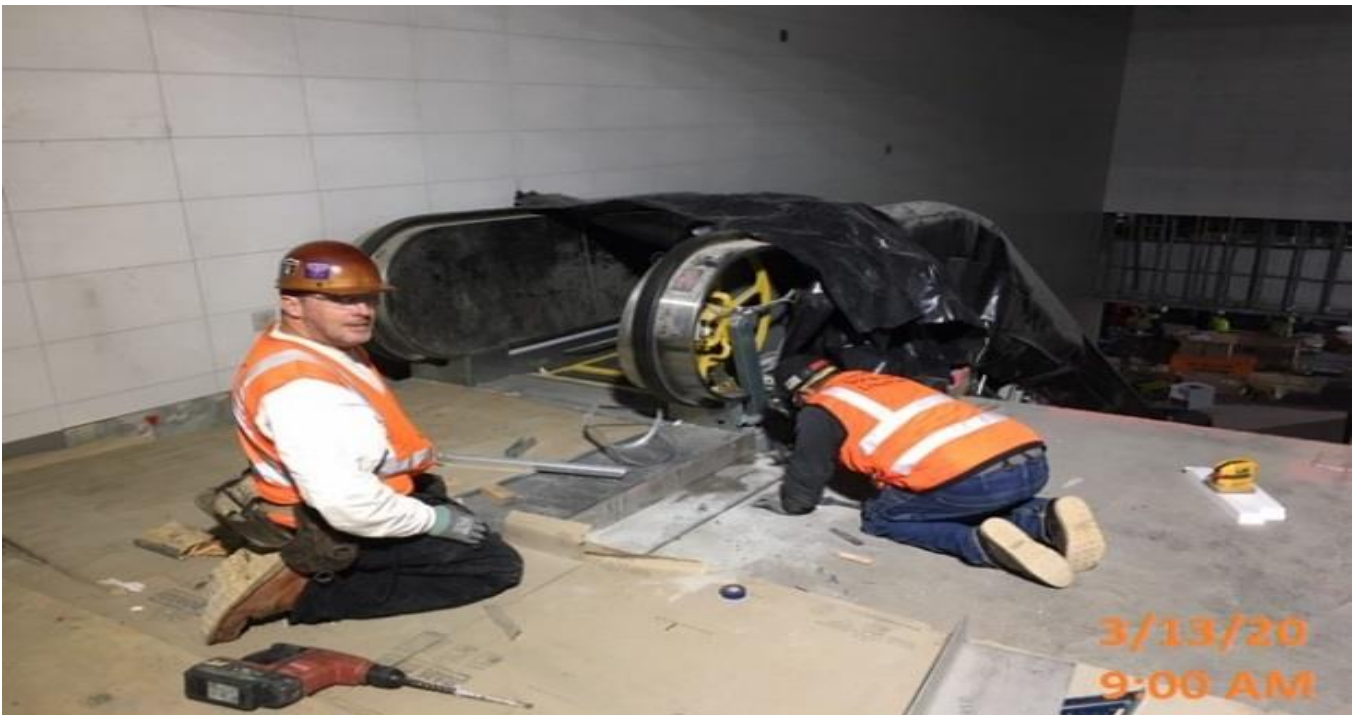


LEIMERT PARK STATION – Installing light cove and ceiling panels at the intermediate landing.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

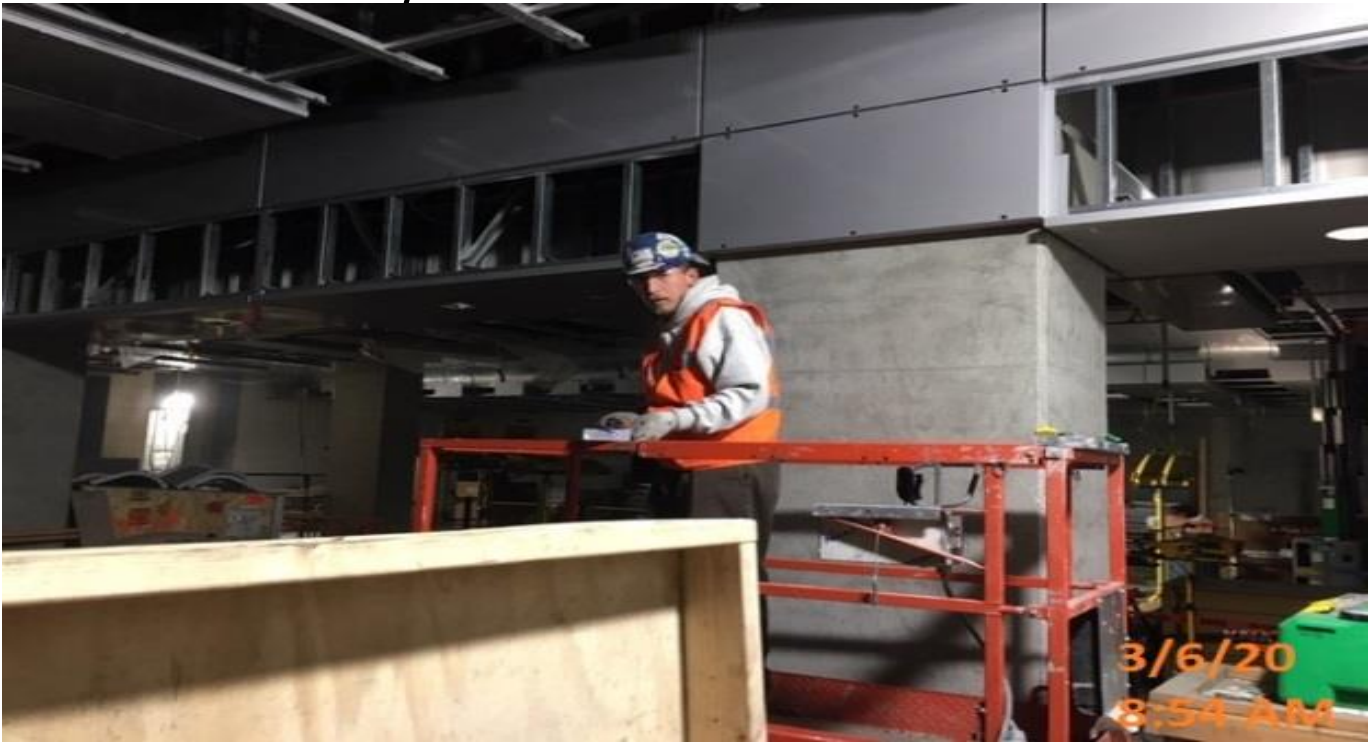


LEIMERT PARK STATION – Installing light cove and ceiling panels at the intermediate landing.



LEIMERT PARK STATION – Installing bent plates for the escalators at the intermediate landing.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Installing light cove and ceiling panels throughout the Free & Paid Area of the concourse level.



LEIMERT PARK STATION – Continued installing light cove and ceiling panels throughout the Free & Paid Area of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continued installing light cove and ceiling panels throughout the Free & Paid Area of the concourse level.

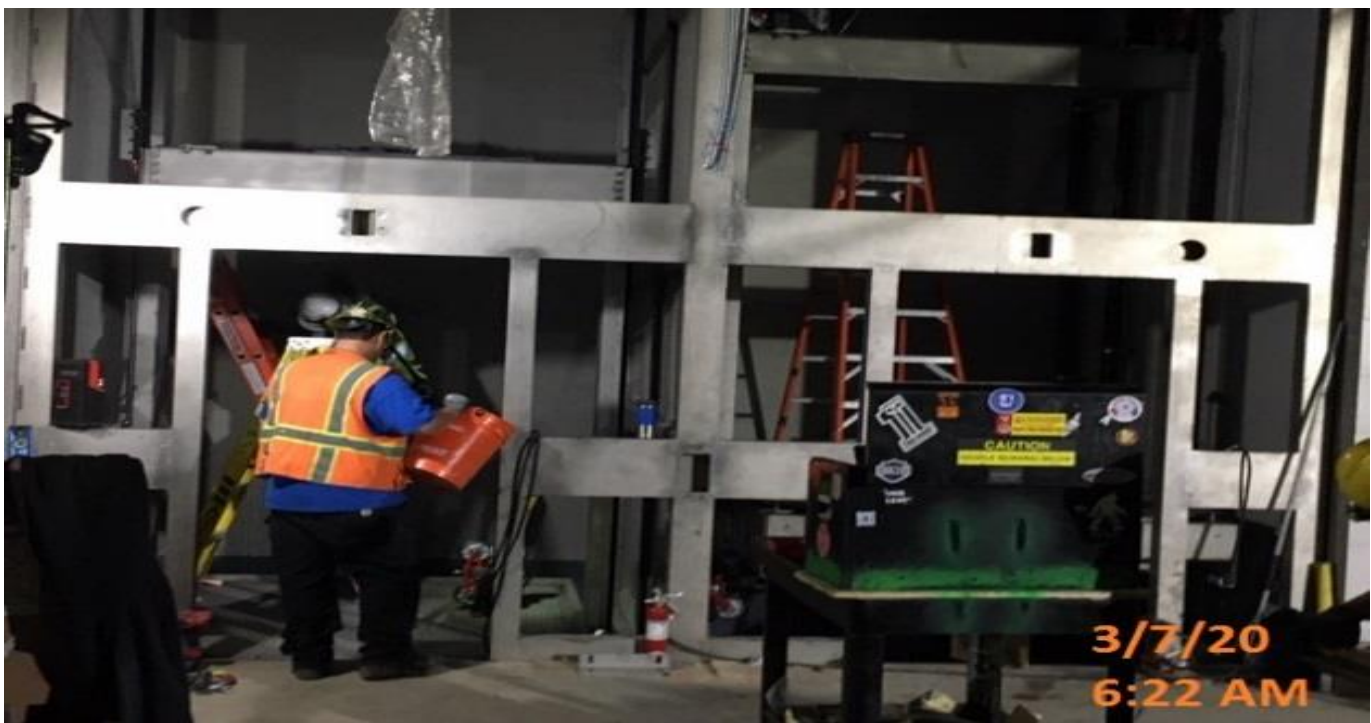


LEIMERT PARK STATION – Continued installing light cove and ceiling panels throughout the Free & Paid Area of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continued installing light cove and ceiling panels throughout the Free & Paid Area of the concourse level.



LEIMERT PARK STATION – Installing slings and platforms for Elevator Structures 1&2 at the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Continue installing fire rated conduit to the pull box for EVF-6-301 in the South Fan Room C – 102 of the concourse level.

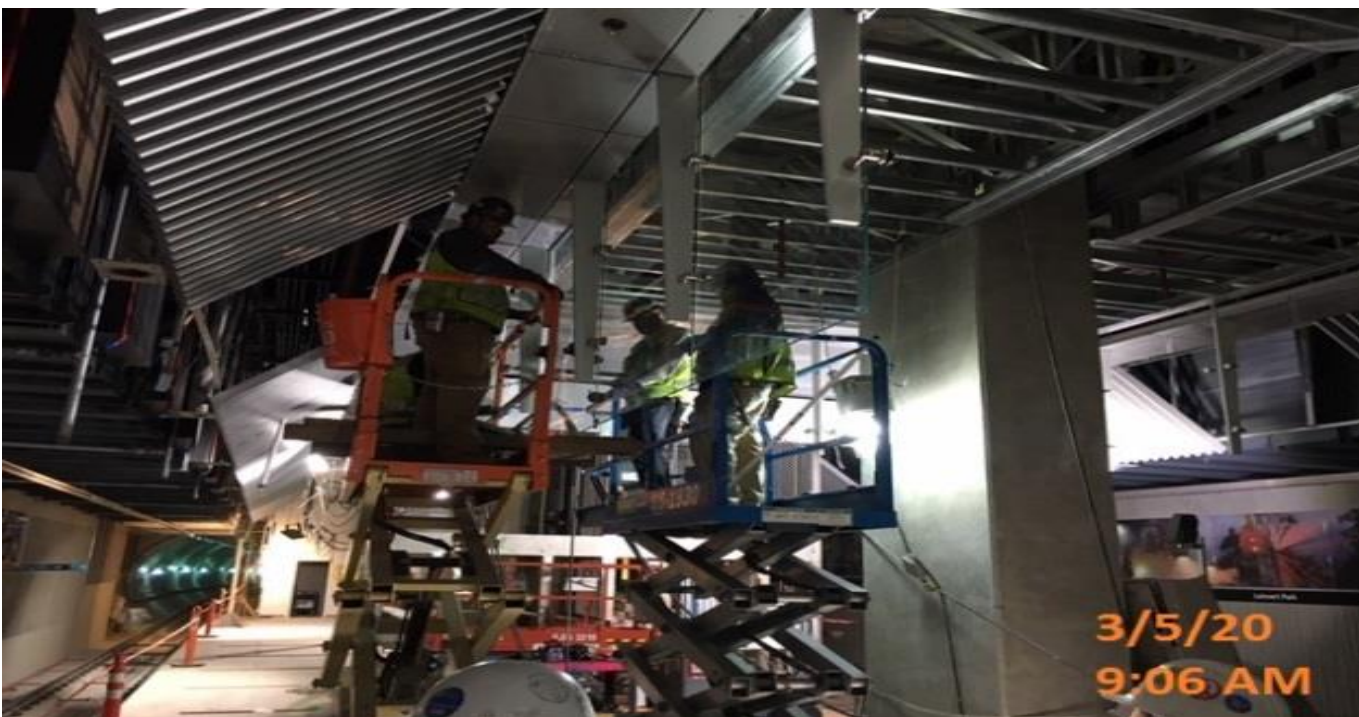


LEIMERT PARK STATION – Continue installing fire rated conduit to the pull box for EVF-6-301 in the South Fan Room C – 102 of the concourse level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Installing bird protection screens on the sound attenuators for EVF-6-302 in the North Fan Room C – 142 of the concourse level.



LEIMERT PARK STATION – Installing smoke screen glass panels on the platform ceiling level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Installing stainless steel cladding panels on the platform ceiling level.



LEIMERT PARK STATION – Continue aligning hoist way guide rails and rollers for Elevator Structures 3&4 at the platform level.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



LEIMERT PARK STATION – Excavating for new curb/gutter and sidewalk installation on the southwest corner of Martin Luther King Blvd and Crenshaw Blvd. 3/4/20



UG4 – Registering and staggering guide sections for the overhead contact system poles at the south end portal.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – Registering and staggering guide sections for the overhead contact rails at the south end portal.



UG4 – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 374+25.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 374+25.



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

UG4 – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 376+50.



UG4 – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 376+50.

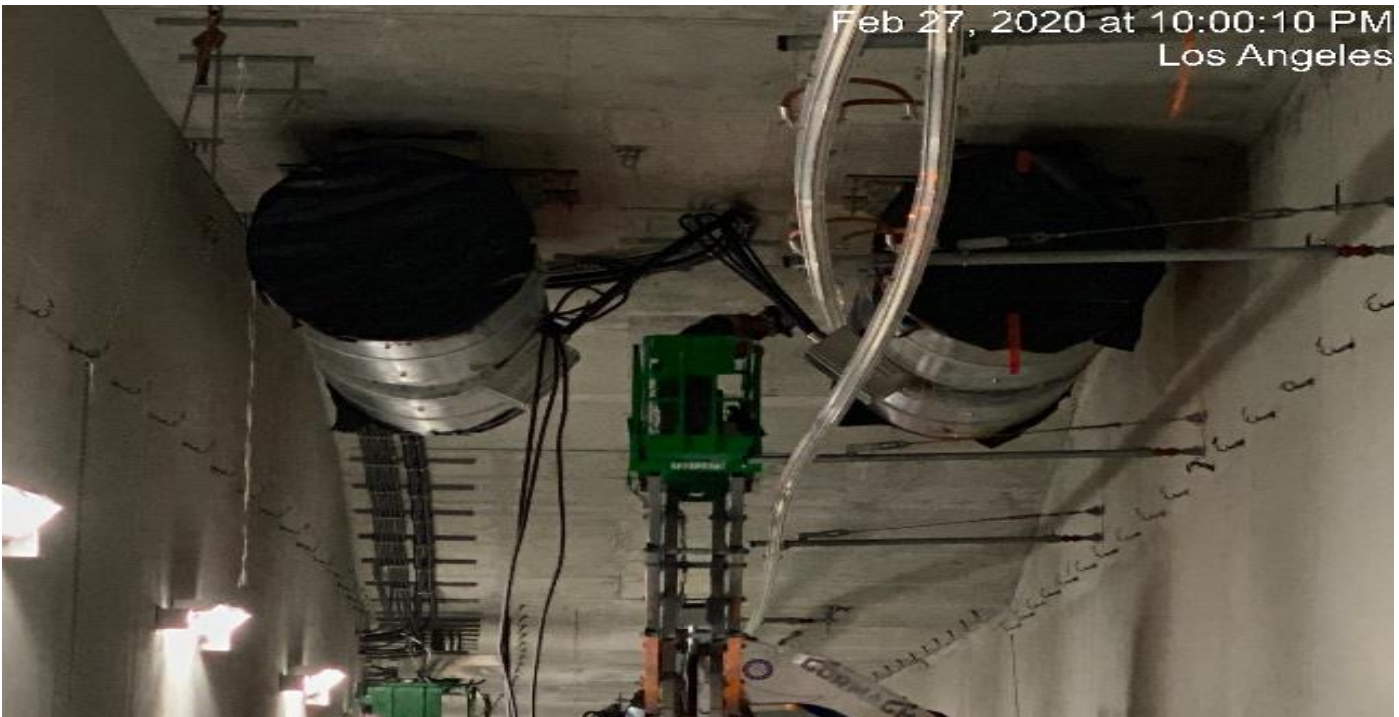
CRENSHAW/LAX PHOTOGRAPHIC UPDATE

Feb 26, 2020 at 11:02:05 PM
Los Angeles



UG4 – Continue wiring and running cable for the booster fans on both north and southbound tunnels.

Feb 27, 2020 at 10:00:10 PM
Los Angeles



UG4 – Continue wiring and running cable for the booster fans on both north and southbound tunnels.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 376+50.



UG4 – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 378+75.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – Continue wiring and running cable for the booster fans on both north and southbound tunnels at Sta 378+75.



UG4 – Continue pulling wire for the emergency lighting along the northbound tunnel at Sta 374+85.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – Continue pulling wire for the emergency lighting along the northbound tunnel at Sta 376+50.

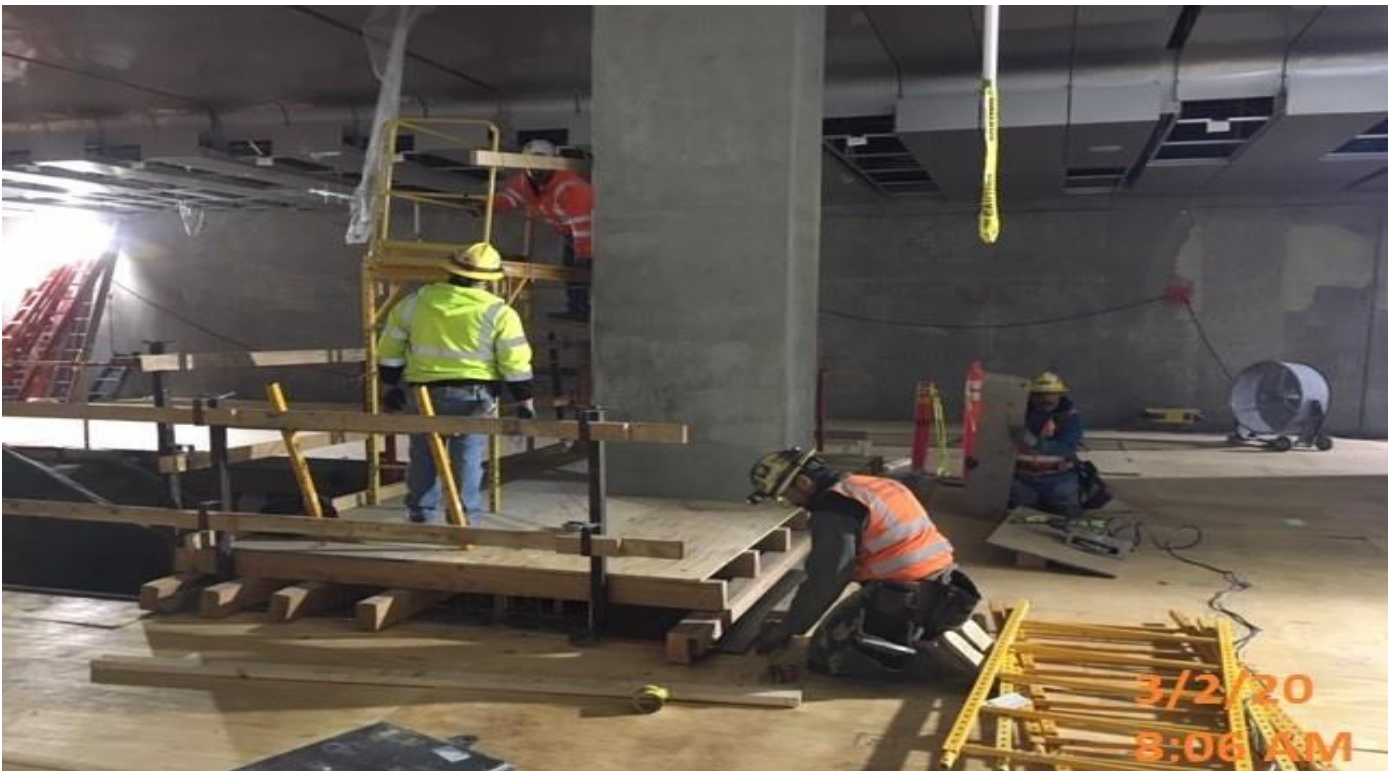


UG4 – STA442+00_ Looking South_ TK geometry adjustment_8W1_ UG4_ Expo.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4 – STA443+70_TK3_ Looking West_ Installed guard rail brace_ 8W2_ UG4_ Expo.



UG4 – Ace Fence installing miscellaneous panels.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG4

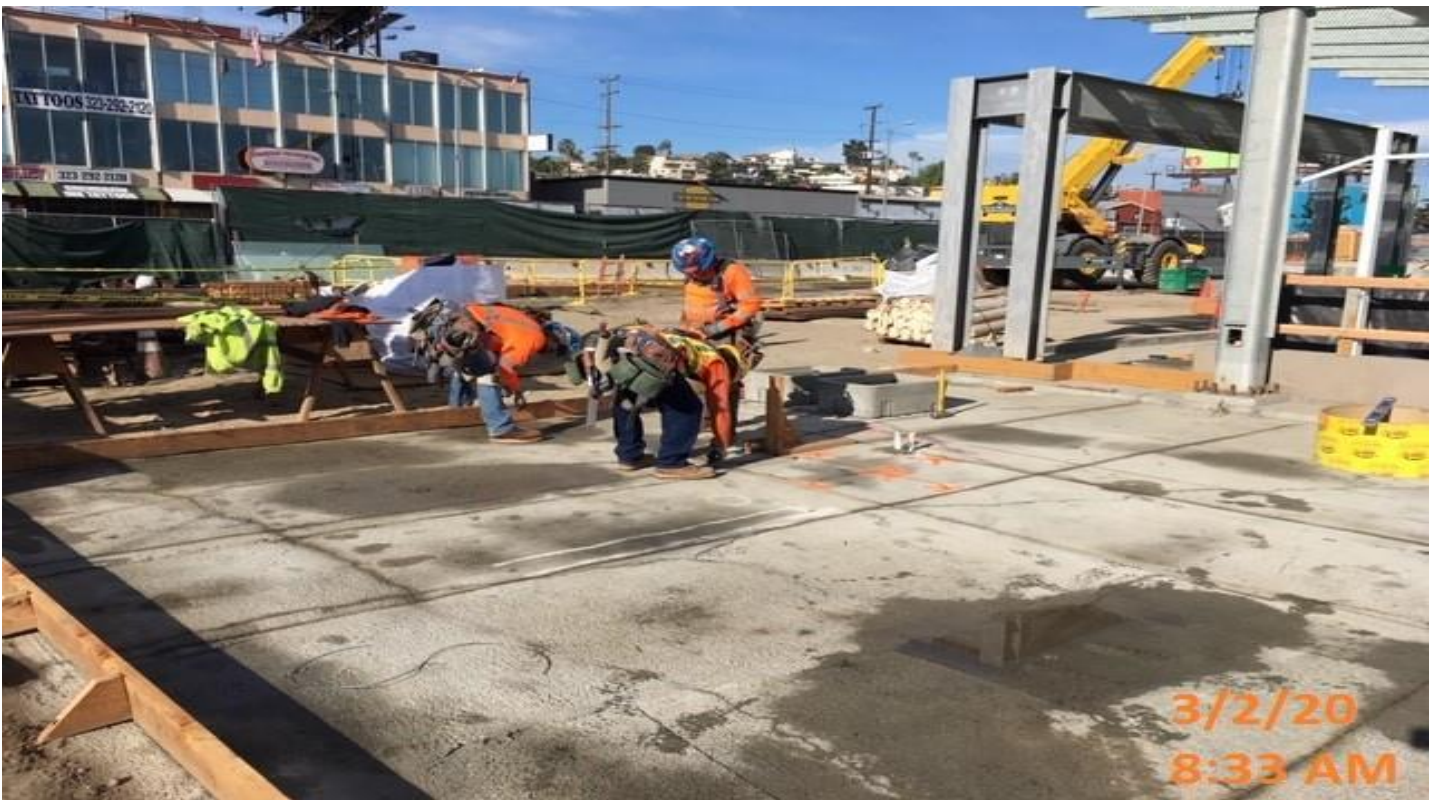


Crenshaw/Vernon – Aux Pwr room south has unterminated high voltage cable grounds in the cable tray.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – VERNON – WSCC crew marking gridlines at plaza level.



Crenshaw/Vernon – Vernon – McMahon rigging and welding tabs to edge plates stairwell #3.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – VERNON – PCI swapping out bolts on down stand.



Crenshaw/Vernon – Vernon, Elevator hoist way #1, Continued install guide rail brackets, plumb, square & align top out guide rails.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – Vernon, Concourse, Escalator 3 & 4 lower pits, begin rough in JB's, GRC & seal tight service light, switch & receptacles.

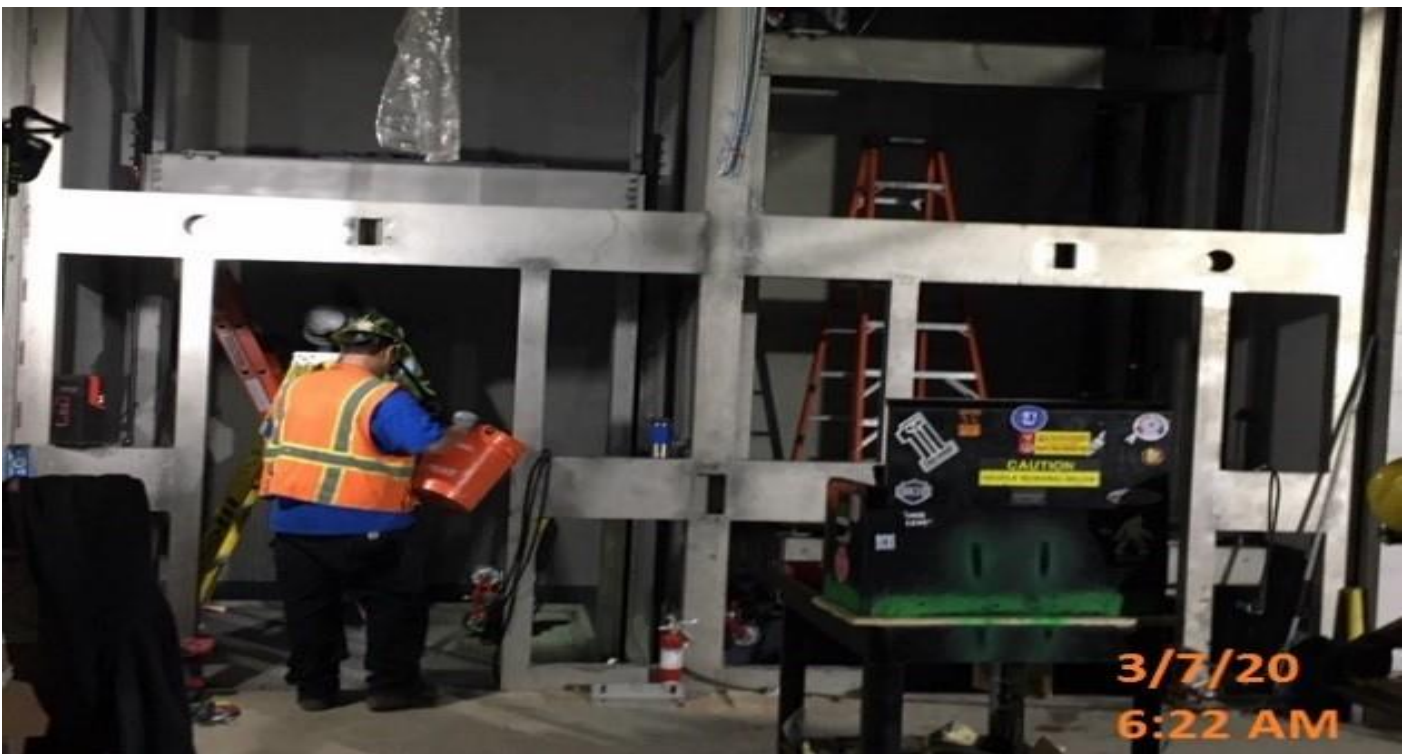


Crenshaw/Vernon – VERNON – Premier Tile & Marble installing misc.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

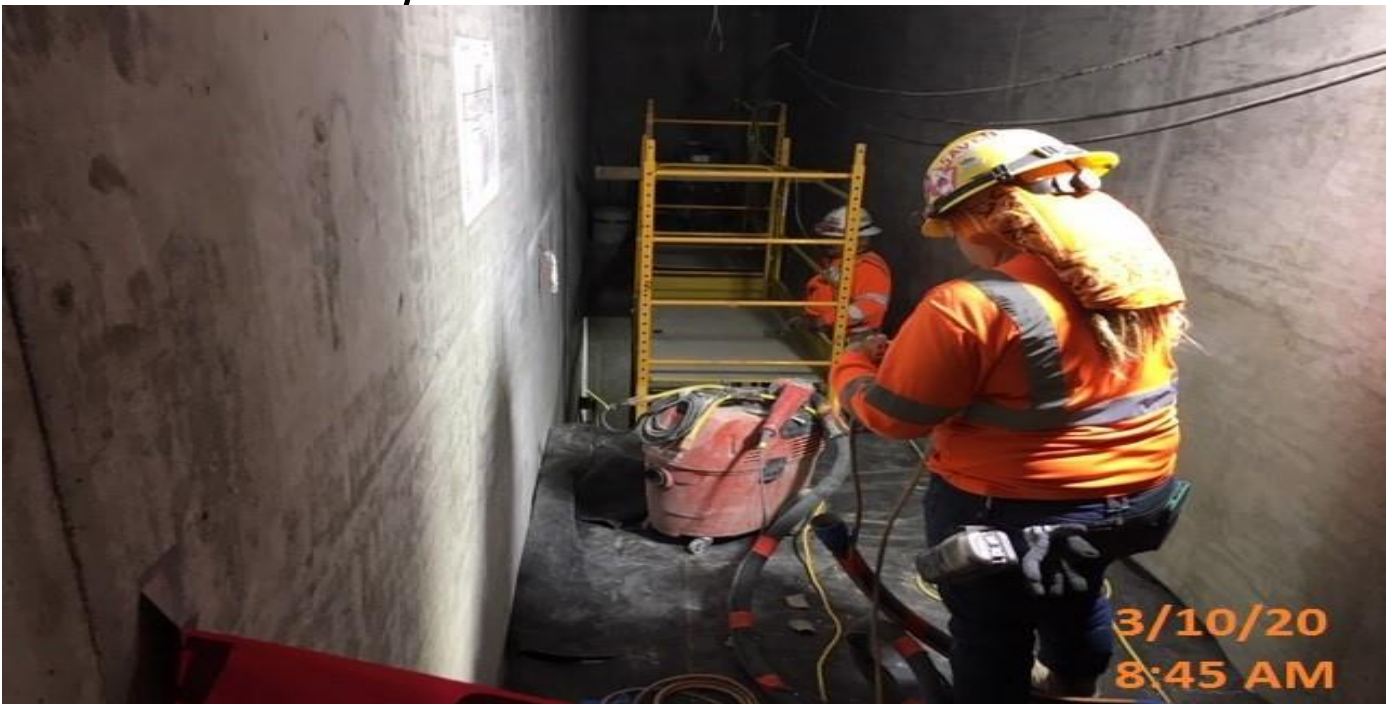


Crenshaw/Vernon – Vernon, TC&C C112, begin pulling 3.0 feeders & #4 ground from comm UPS to battery`s at battery room C113.



Crenshaw/Vernon – VERNON – Excelsior installing slings and leveling platforms on elevator 1 and 2.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Crenshaw/Vernon – VERNON – WSCC finishers resurfacing and patching emergency exit stair south #1.

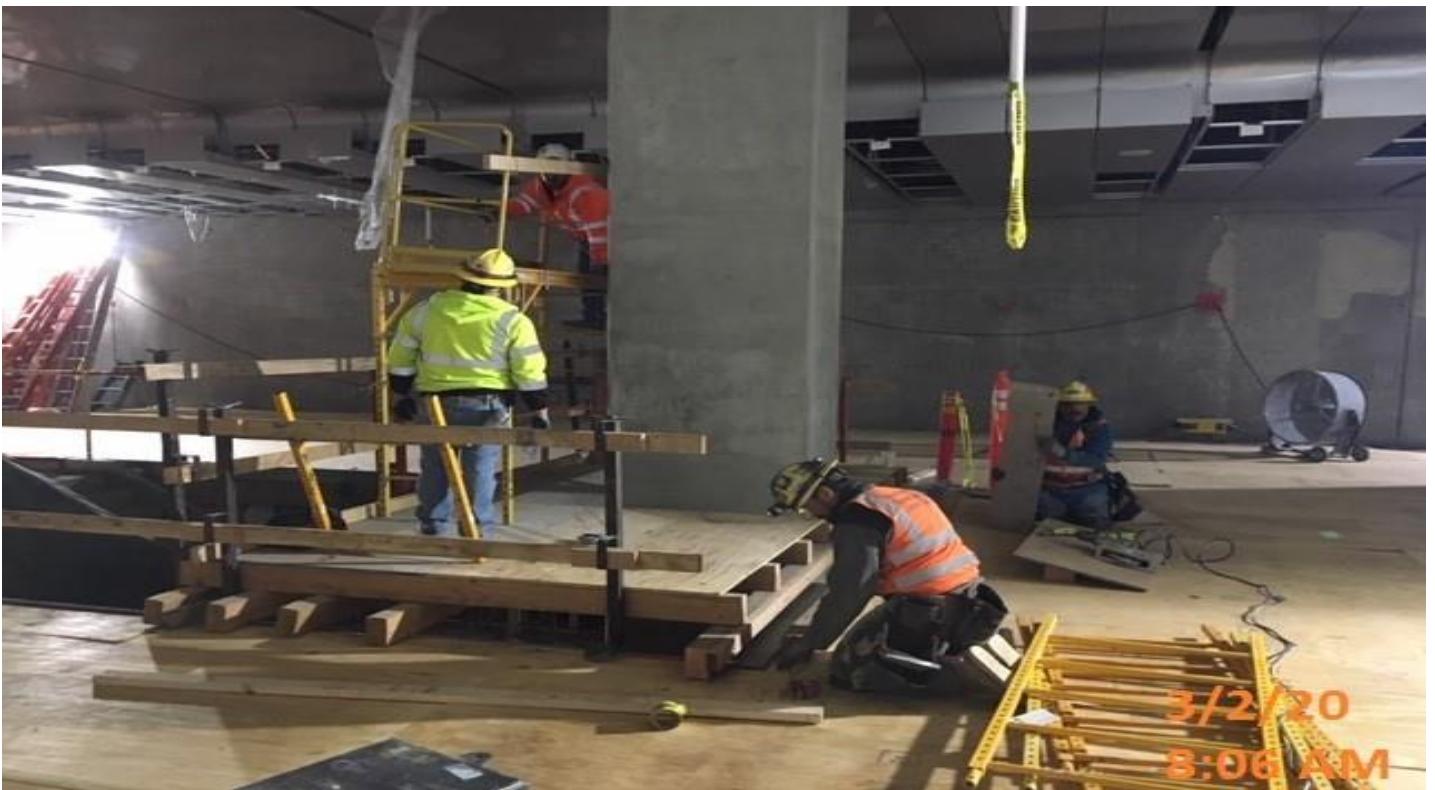


UG-4- STA442+00_ Looking South_ TK geometry adjustment_8W1_ UG4_ Expo

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG-4- STA443+70_TK3_ Looking West_ Installed guard rail brace_ 8W2_ UG4_ Expo.



UG-4- UG4 – Ace Fence installing miscellaneous panels

CRENSHAW/LAX PHOTOGRAPHIC UPDATE

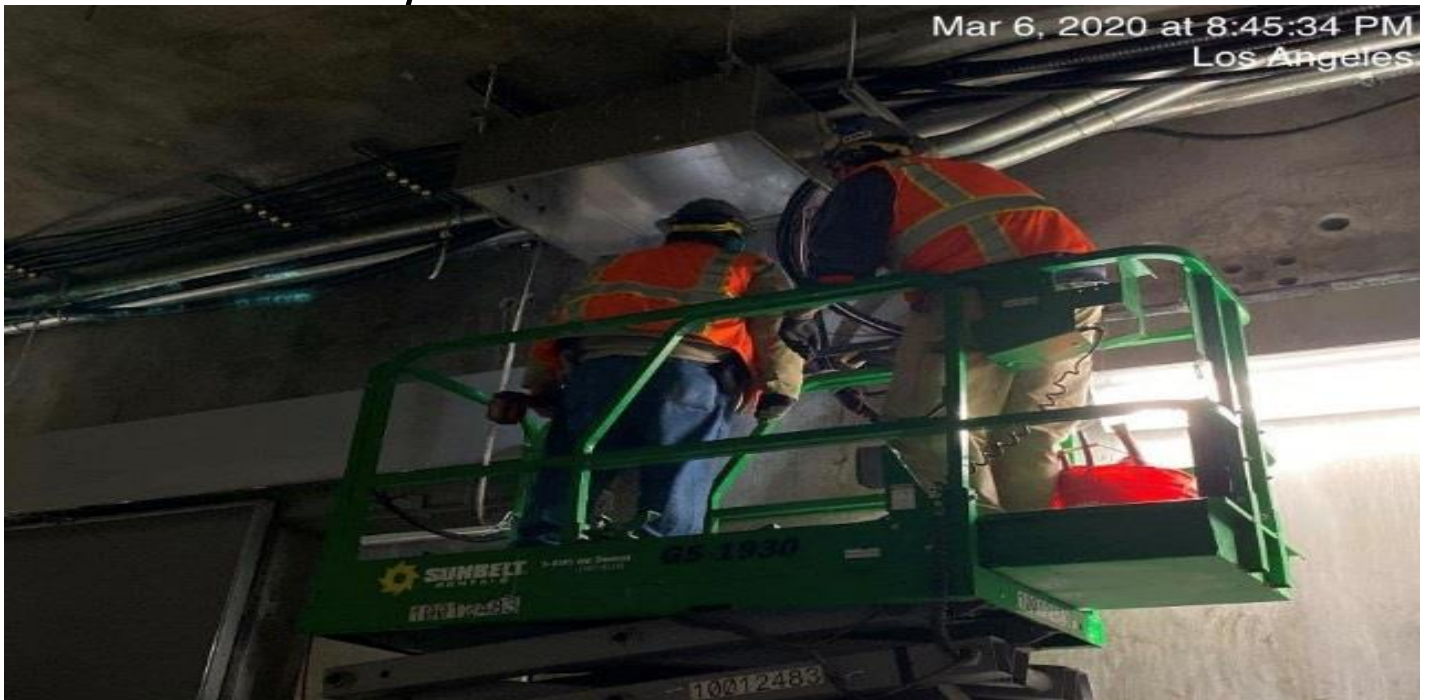


UG-4



UG-4- – Excavating/demolishing for new concrete sidewalk installation on the northeast corner of 48th St and Crenshaw Blvd. 3/17/20

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG-4- – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 378+75.



UG-4- – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 378+75.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



Mar 11, 2020 at 10:52:38 PM
Los Angeles

UG-4- – Continue wiring and running cable for the booster fans in the northbound tunnel at Sta 378+75.



3/13/20
9:27 AM

UG-4- – Installing seismic cables for the tunnel booster fans on the northbound tunnel at Sta 374+32.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG-4- – Continue pulling wire for the emergency lighting along the northbound tunnel at Sta 379+00.

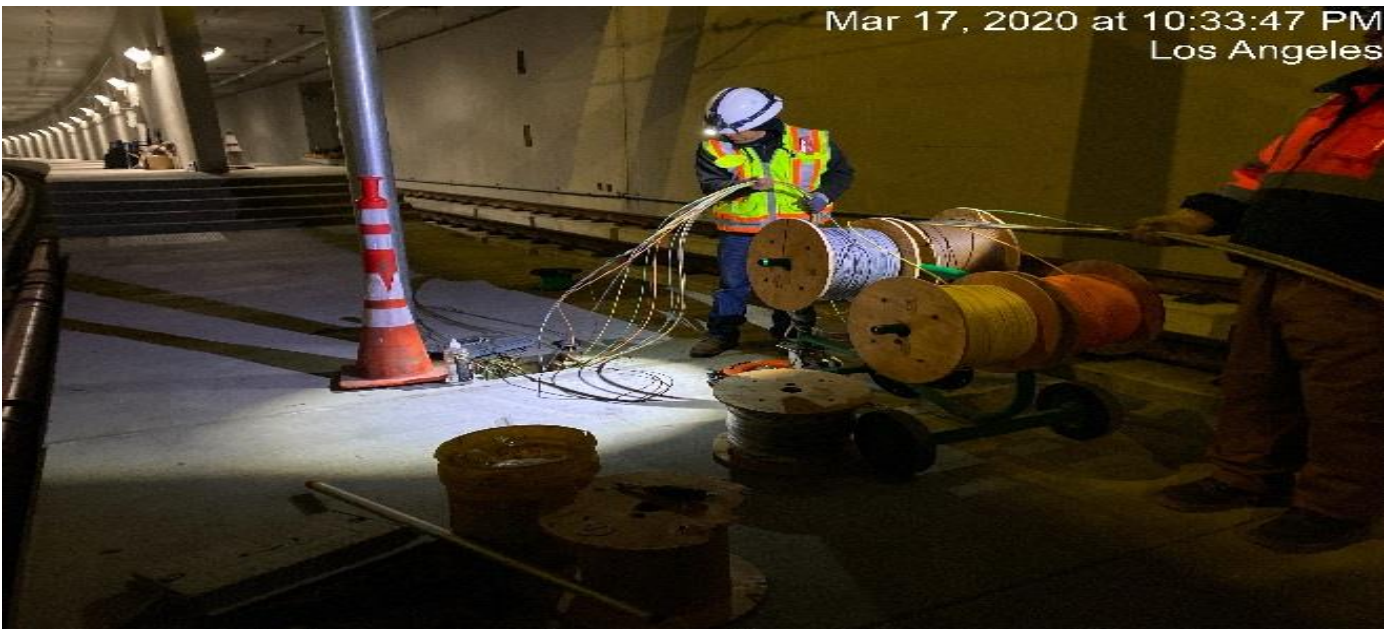


UG-4- – Continue pulling wire for the emergency lighting along the northbound tunnel at Sta 379+00.

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



UG-4- Continue pulling wire for the emergency lighting along the southbound tunnel.



UG-4- Continue pulling wire for the pole lighting at the south end portal entrance.

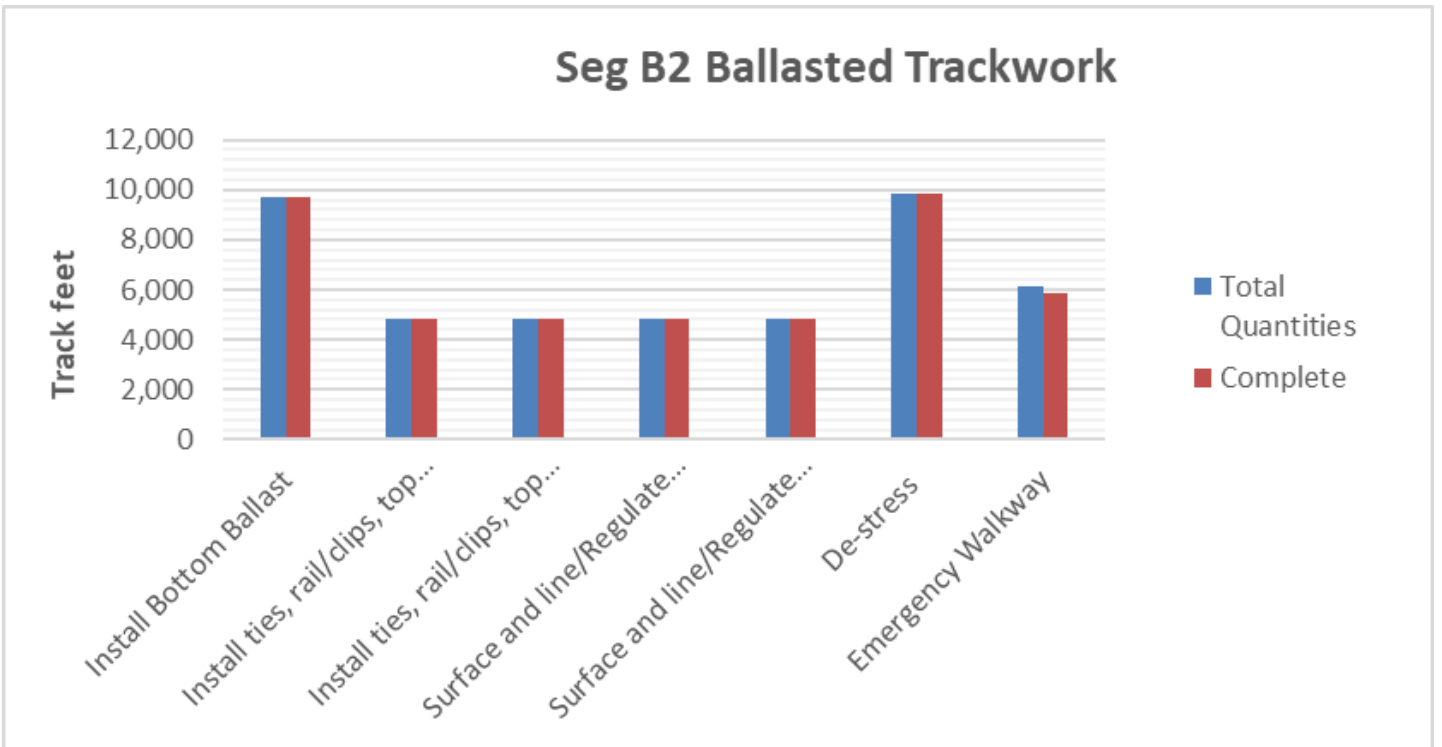
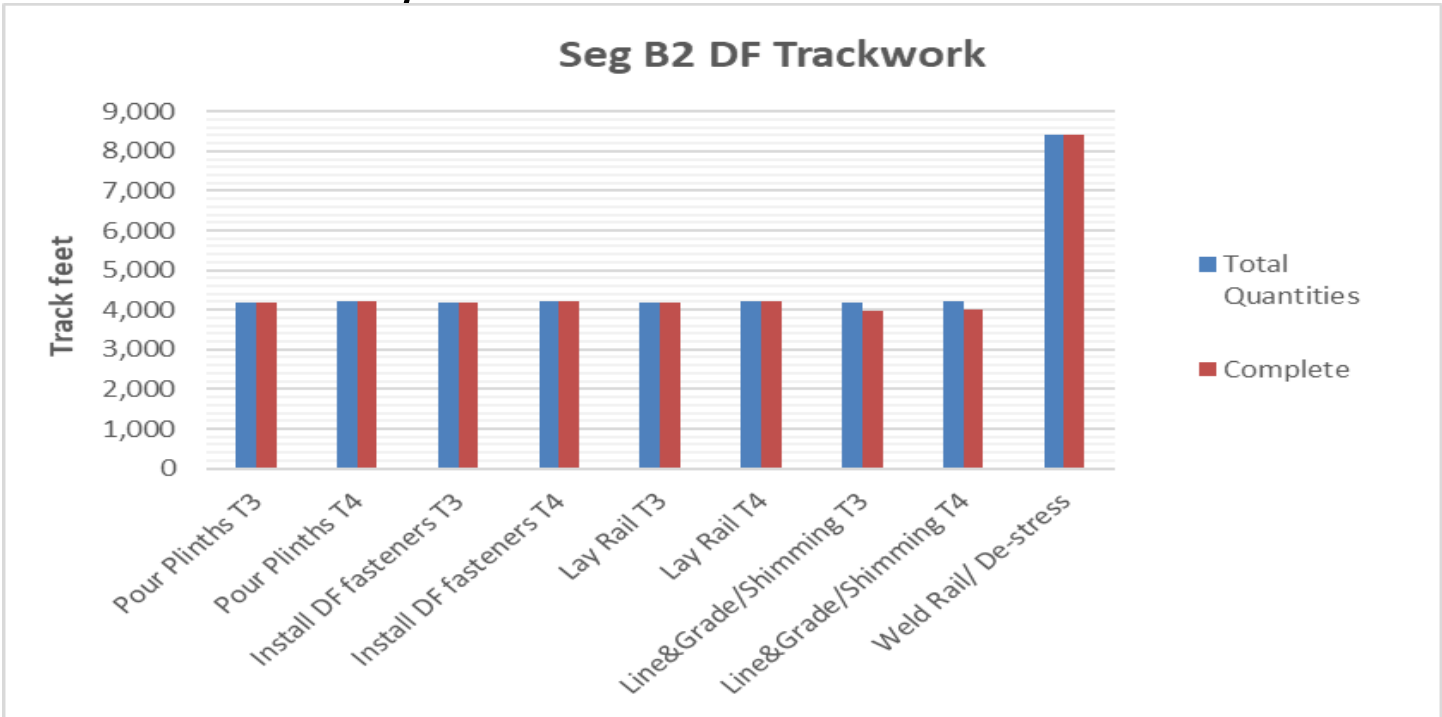
CRENSHAW/LAX PHOTOGRAPHIC UPDATE

SEGMENT C:

- Rework of VHRF fasteners is still required due to missing shims and incorrect installation
- Incomplete Double Crossovers due to parts shortage
- 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
- Investigation of a possible repair process for plinth to invert gap is started

PROJECT WIDE TRACKWORK PROGRESS									Potential Rework *	Punchlist **
	TRACK TYPE	ACTIVITY	TRACK FEET/QUANTITY	INSTALLED TO DATE	REMAINING	ACTIVITY % PROGRESS				
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 (IJ'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, Slauson)	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 (IJ'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									

CRENSHAW/LAX PHOTOGRAPHIC UPDATE



CRENSHAW/LAX PHOTOGRAPHIC UPDATE

