



Stone Column Crane Arrives Monday 10/27/14 9:39 am



Stone Crane Assembly Tuesday 10/28/14 8:54 am



Corrugated Storm Drain Pipe removed and trench filled
Wednesday, October 29th, 2014 11:00 am



Asphalt, irrigation piping, and concrete being removed
at Northeast corner Wed, October 29th 11:00 am



Stone Column vibrators and hoppers on site
Thursday, October 30th, 2014 3:00 pm



East/West ductbank at middle of site being removed
Thursday, October 30th, 3:24 pm



Stone column crane assembly October 29th, 2014 11:00 am



Stone column crane assembly October 30th, 2014 3:00 pm



Dollar New Area opened, median area asphalted and new area in use Friday, October 31st, 2014 4:00 pm



Crane assembly, generators being welded on the back of three cranes - Friday, October 31st, 2014 3:30 pm



Southern 2/3rds of the center of the QTA site graded and compacted Friday, October 31st, 2014 3:45 pm



Center of QTA site graded and compacted – view from southeast corner - Friday, October 31st, 3:45 pm



East/West ductbank removed & compacted
Monday, November 3rd, 2014 9:33 am



Skips, Hoppers, and Vibrators being assembled
Monday, November 3rd, 2014 9:31 am



Dollar Rental Car Fence being removed
Monday, November 3rd, 2014 9:33 am



First holes being augered
Monday, November 3rd, 2014 11:18 am



First Stone Column began
Monday, November 3rd, 2014 12:13 pm



Stone Columns in Operation
Tuesday, November 4th, 2014 4:12 pm



Three cranes in operation
Wednesday, November 5th, 2014 8:20 am



Fence up at Dollar corner, Removal of curb
Wednesday, November 5th, 2014 8:20 am



Car splattered by mud from stone column work
Wednesday, November 5th, 2014 12:17 pm



All four cranes in operation, three turned north, north/south
power ductbank removed and compacted (SE crnr) 11/6/14 8:59 am



Removal of storm drain and catch basin – SW corner
Friday, November 5th, 2014 3:42 pm



Removal and fill of east/west duct bank trench – west half
Friday, November 5th, 2014 3:42 pm



Rough grading of west half of site – north area
Monday, November 10th, 2014 9:32 am



Spoils from holes with gravel pile in the background
Monday, November 10th, 2014 9:35 am



All four cranes in operation from southeast corner
Monday, November 10th, 2014 9:40 am



Break into box at 60" drainage line
Monday, November 10th, 2014 9:51 am



Storm drain removal near southwest corner
Monday, November 10th, 2014 9:52 am



Trench being filled at middle of west half
Monday, November 10th, 2014 9:58 am



Grading of west half of site completed sw corner
Tuesday, November 11th, 2014 2:58 pm



All four cranes from the west
Tuesday, November 11th, 2014 3:03 pm



Cranes at work
Wednesday, November 12th, 2014 8:58 am



Cranes at work
Thursday, November 13th, 2014 3:33 pm



Crane in background had cable snap on skip bucket
Friday, November 14th, 2014 11:26 am



Last storm drain piping being removed
Friday, November 14th, 2014 11:35 am



All four cranes in operation
Friday, November 14th, 2014 4:30 pm



Hopper, vibrator column and tire
Friday, November 14th, 2014 11:27 am



Northeast corner of the site
Friday, November 14th, 2014 3:28 pm



Cranes at work
Monday, November 17th, 2014 1:47 pm



Cranes at work
Monday, November 17th, 2014 1:51 pm



Test hole conditions – Dug and immediately filled in
Tuesday, November 18th, 2014 2:11 pm



Cranes at work
Thursday, November 19th, 2014 4:58 pm



Formwork being built northwest of the site
Friday, November 21st, 2014 2:24 pm



Bus stop #4 demolition
Friday, November 21st, 2014 2:46 pm



Grading of west half of site completed sw corner
Friday, November 21st, 2014 2:48 pm



Side information of pipe
Friday, November 21st, 2014 2:49 pm



First mechanical trench on site – northeast corner
Friday, November 21st, 2014 2:37 pm



Water in trench at low end
Friday, November 21st, 2014 2:38 pm



RSS Area at southeast corner of site
Friday, November 21st, 2014 2:46 pm



Looking back at southeast corner of QTA site
Friday, November 21st, 2014 2:51 pm



Cranes at work
Monday, November 24th, 2014 3:43 pm



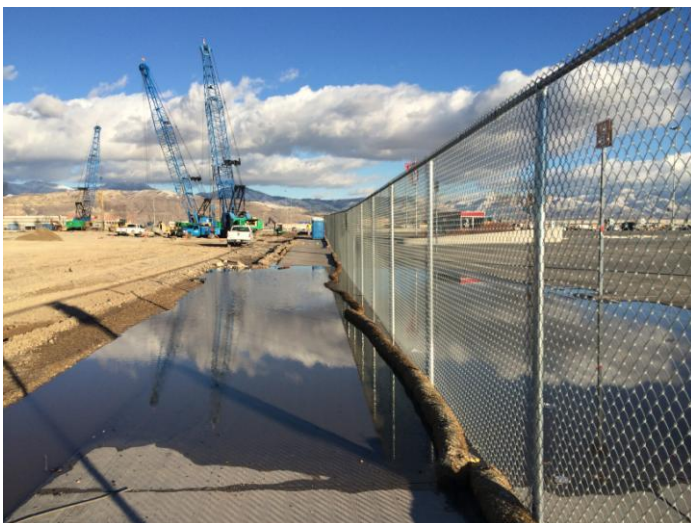
Cranes at work
Monday, November 24th, 2014 3:49 pm



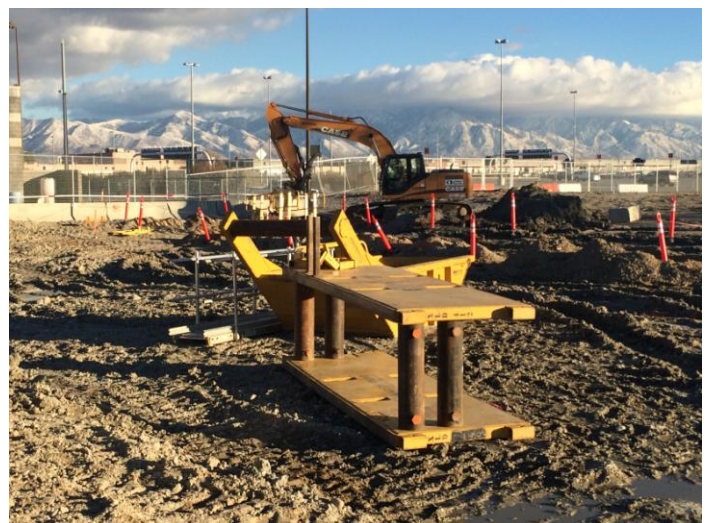
Spoils piling up with water in front
Monday, November 24th, 2014 3:47 pm



Water in front of spoils
Monday, November 24th, 2014 3:47 pm



Water at the south side of the site
Monday, November 24th, 2014 3:50 pm



Hunt Mechanical digging at Northeast corner
Monday, November 24th, 2014 3:58 pm



Wadsworth continuing to build forms NW corner
Tuesday, November 25th, 2014 2:43 pm



Wet conditions testing structural fill at first test footing NE crnr
Friday, November 25th, 2014 2:50 pm



Flowable fill over drain pipe at NE corner
Tuesday, November 24th, 2014 2:54 pm



Column re-bar ready to be placed
Wednesday, November 25th, 2014 2:00 pm



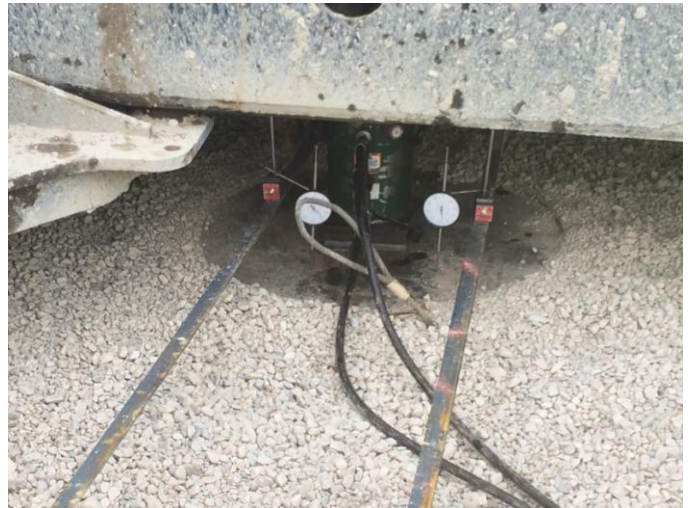
Storm drain pipe trench compacted at NE crnr of site
Wednesday, November 26th, 2014 2:00 pm



First concrete mock-up by Wadsworth
Wednesday, November 24th, 2014 2:07 pm



Modulus test on stone column #2058
Monday, December 1st, 2014 10:49 am



Close-up of piston and dials on modulus test
Monday, December 1st, 2014 10:48 am



Storm drain for northeast trench drains
Tuesday, December 2nd, 2014 4:28 pm



Column re-bar ready to be placed
Tuesday, December 2nd, 2014 4:24 pm



Work beginning on 60" storm drain line south of QTA
Wednesday, December 3rd, 2014 11:42 am



Footing excavation
Thursday, December 4th, 2014 11:42 am



Digging spot footings at Northeast corner of QTA
Friday, December 5th, 2014 10:53 am



Storm sewer pipe – first riser being compacted
Friday, December 5th, 2014 10:40 am



Water in the storm sewer trench
Friday, December 5th, 2014 9:27 am



Northeast corner with storm sewer trench
Friday, December 5th, 2014 9:27 am



Example of small soft spot removal at top of stone columns in footing
Thursday, December 4th, 2014 11:42 am



Reinforcing bar Delivery
Friday, December 5th, 2014 8:51 am



Northeast corner of QTA
Friday, December 5th, 2014 10:53 am



Northeast corner of QTA
Wednesday, December 10th, 2014 1:21 pm



Column Re-bar cages
Monday, December 8th, 2014 1:58 pm



Compacting in spot footings & grade beams northeast corner
Monday, December 8th, 2014 2:07 pm



Storm drain line & branch heading south
Tuesday, December 9th, 2014 3:09 pm



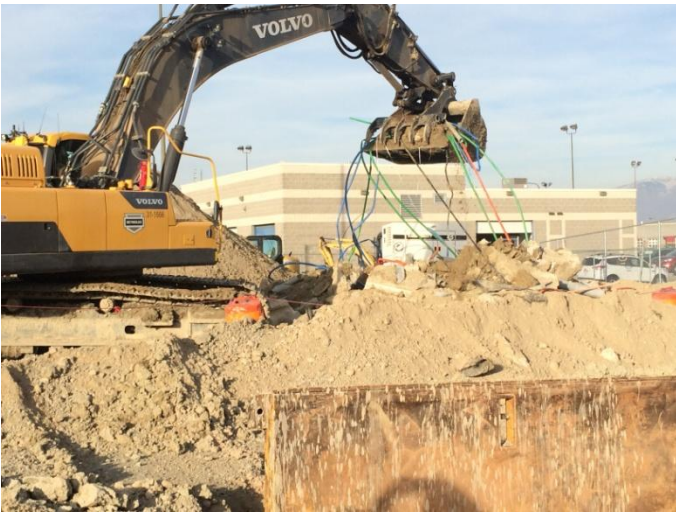
Stone column work
Tuesday, December 9th, 2014 3:05 pm



Forms being placed in northeast corner
Tuesday, December 9th, 2014 3:12 pm



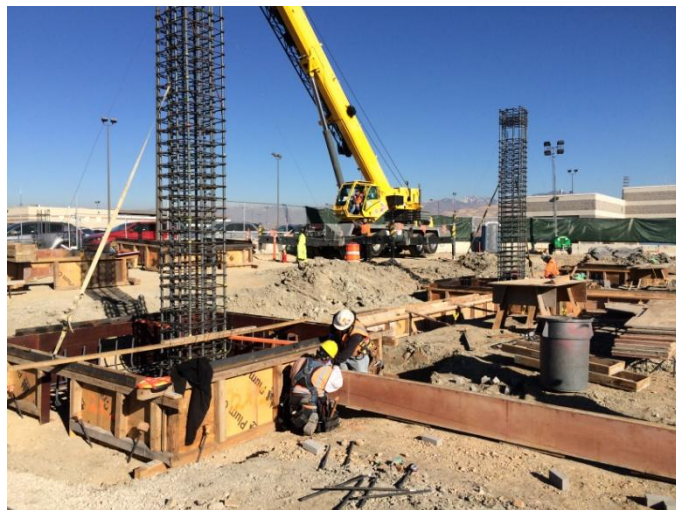
Footing rebar in northeast corner
Tuesday, December 9th, 2014 3:13 pm



Ductbank debris removal near sand oil separator hole
Tuesday, December 9th, 2014 3:23 pm



Sand oil separators on site
Tuesday, December 9th, 2014 3:13 pm



Formwork in northeast corner
Wednesday, December 10th, 2014 1:21 pm



Grade beam rebar
Wednesday, December 10th, 2014 1:51 pm



Stone columns marked to be reviewed for acceptance
Wednesday, December 10th, 2014 10:48 am



Stone columns being reviewed for acceptance
Wednesday, December 10th, 2014 1:18 pm



Sleeves for trench drains through grade beams
Wednesday, December 10th, 2014 1:52 pm



Grade beam rebar going through footing
Wednesday, December 10th, 2014 1:52 pm



Stone column where the top had shifted being augered out to align with the bottom of the column so it can be re-built back up in the proper location
Wednesday, December 10th, 2014 1:58 pm



Concrete masonry unit mock-ups
Thursday, December 11th, 2014 10:48 am



Northeast corner of QTA
Monday, December 15th, 2014 10:16 am



Northeast corner of QTA
Monday, December 15th, 2014 3:59 pm



Column Footing Rebar
Monday, December 15th, 2014 10:11 am



Pouring Concrete Footing
Monday, December 15th, 2014 1:44 pm



End of the day of the first pour
Monday, December 15th, 2014 4:01 pm



Uncovering the footings
Tuesday, December 16th, 2014 10:47 am



Rebar cage being lifted by the crane
Monday, December 15th, 2014 2:07



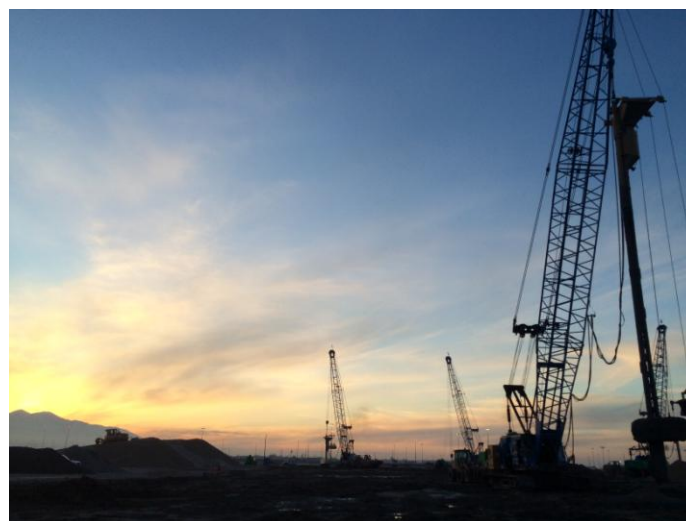
Adjusting the vibrator shaft
Wednesday, December 17th, 2014 8:56 am



Accepting the stone columns and soil conditions in a spot footing
Wednesday, December 17th, 2014 8:52 am



Checking a footing filled with rain & ground water
day, December 9th, 2014 8:59 am



All four cranes and the dozer on the gravel/stone pile
Wednesday, December 17th, 2014 4:53 pm



Flooded spot footing dewatered and filled with structural fill
Thursday, December 10th, 2014 12:01 pm



Footings covered with insulating blankets and red snow blankets
Friday, December 19th, 2014 2:04 pm



Forms & Rebar being checked
Friday, December 19th, 2014 2:04 pm



60" storm drain tie-in being prepared for new box
Monday, December 15th, 2014 10:26 am



60" storm drain tie-in ready for new box
Thursday, December 18th, 2014 12:05 pm



New ductbank and manholes west of the QTA
Thursday, December 18th, 2014 12:24 pm



Ductbank staged beside trench area to be dug
Thursday, December 18th, 2014 12:24 pm



West side of the QTA from the North
Monday, December 22nd, 2014 11:24 am



West side of the QTA from the South
Monday, December 22nd, 2014 12:06 pm



Finding and recording stone columns
Monday, December 22nd, 2014 11:55 am



Setting forms
Monday, December 22nd, 2014 11:43 am



Northeast corner of the QTA
Tuesday, December 23rd, 2014 10:05 am



Northeast corner of the QTA
Friday, December 26th, 2014 10:03 am



Stone column work continuing
Monday, December 22nd, 2014 12:04 pm



Old Economy Lot Entrance being closed
Tuesday, December 23rd, 2014 11:21 am



New Economy Lot Entrance Open
Tuesday, December 23rd, 2014 11:22 am



All shafts down
Friday, December 26th, 2014 9:53 am



Placing vaults west of the QTA
Monday, December 22nd, 2014 12:11 pm



Vaults
Friday, December 26th, 2014 10:13 am



Ground Steam
Monday, December 29th, 2014 11:21 am



Snow blankets over insulating blankets
Monday, December 29th, 2014 11:23 am



In the hopper breaking up the frozen gravel
Tuesday, December 30th, 2014 10:46 am



Wadsworth cutting out rebar to look for missing stone columns
Tuesday, December 30th, 2014 10:50 am



Re-filling the holes with gravel after finding them
Wednesday, December 31st, 2014 10:26 am



Compacting the replacement gravel
Wednesday, December 31st, 2014 11:04 am



Column holes ready for inspection
Wednesday, December 31st, 2014 11:15 am



Inspecting the re-found columns
Wednesday, December 31st, 2014 11:15 am



Column repair complete and footings ready to be re-formed
Wednesday, December 31st, 2014 3:14 pm



All quiet
Friday, January 2nd, 2015 1:29 pm



Box placed to re-route 60" line away from QTA
Tuesday, December 30th, 2014 11:00 am



Routing the storm water around the hole for the new box
Tuesday, December 30th, 2014 3:00 pm



Formwork for footings at the east edge of the QTA
Monday, January 5th, 2015 11:29 am



Rebar cages for footings near the north middle of the building
Monday, January 5th, 2015 11:26 am



View from northeast corner
Monday, January 5th, 2015 4:42 pm



Pumping concrete for footings
Tuesday, January 6th, 2015 10:33 am



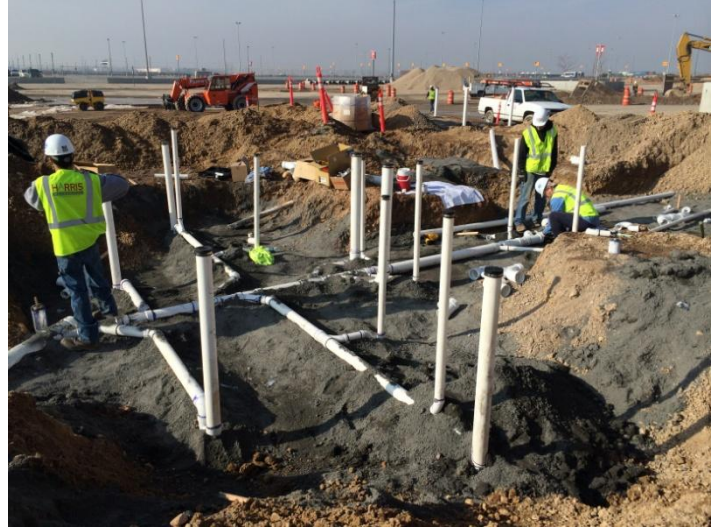
Staging area for tying re-bar for tie-beams
Tuesday, January 6th, 2015 4:36 pm



Building the new crane road
Friday, January 9th, 2015 12:42 pm



Rough underground plumbing begins at RSS A
Thursday, January 8th, 2015 4:05 pm



Plumbing at RSS A
Friday, January 9th, 2015 1:14 pm



Pouring footings
Friday, January 9th, 2015 12:47 pm



Footing pour
Friday, January 9th, 2015 12:47 pm



Digging RSS B outside footings on the east
Monday, January 5th, 2015 11:53 am



Outside footings at RSS B on the north
Monday, January 5th, 2015 11:53 am



RSS B Site covered
Monday, January 5th, 2015 11:53 am



Removing existing storm drain line at RSS B
Monday, January 8th, 2015 4:00 pm



Box placed to re-route 60" line away from QTA
Tuesday, December 30th, 2015 11:00 am



60" line progressing north
Monday, January 5th, 2015 11:36 am



Placing concrete for collar at the box
Monday, January 5th, 2015 11:43 am



Concrete collar in place
Monday, January 5th, 2015 4:48 pm



More old storm drain found and removed
Monday, January 12th, 2015 9:54 am



Old storm drain line removed in northeast quadrant
Monday, January 12th, 2015 9:57 am



Storm drain line trench at the bottom of the "V"
Monday, January 12th, 2015 10:03 am



Preparing for a stone column "modulus" (load) test
Monday, January 12th, 2015 10:04 am



Formwork proceeding
Monday, January 12th, 2015 10:27 am



Foundation re-bar work proceeding
Monday, January 12th, 2015 10:26 am



Accumulated water on site after storm
Tuesday, January 13th, 2015 11:16 am



Old storm removed 60" storm drain line remnants
Tuesday, January 13th, 2015 11:46 am



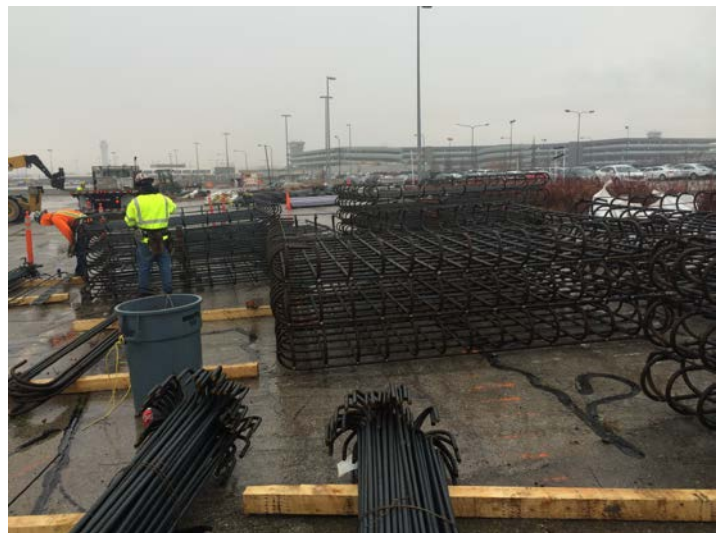
Muddy site conditions
Tuesday, January 13th, 2015 4:02 pm



Tie-beam re-bar pick to place
Tuesday, January 13th, 2015 4:16 pm



New north entry being constructed
Monday, January 12th, 2015 10:22 am



Re-bar prep work proceeding
Monday, January 12th, 2015 10:33 am



Oil/ Water Separator middle of east side of the QTA
Wednesday, January 14th, 2015 10:30 am



Wadsworth formwork and rebar crane in place
Wednesday, January 14th, 2015 4:03 pm



Cranes up
Thursday, January 15th, 2015 1:40 pm



New crane road in use
Thursday, January 15th, 2015 2:20 pm



RSS A rough plumbing backfilled
Thursday, January 15th, 2015 1:40 pm



RSS A north trench drains rough plumbing
Thursday, January 15th, 2015 1:40 pm



New 60" line from southeast corner of QTA
Monday, January 12th, 2015 10:07 am



New 60" line east of QTA
Friday, January 2nd, 2015 10:09 am



Power and communication vaults at northeast corner of QTA
Friday, January 9th, 2015 1:21 pm



Northeast power and communication vaults filled in
Monday, January 12th, 2015 10:22 am



QTA footing prepared
Friday, January 9th, 2015 3:10 pm



QTA footing poured
Friday, January 9th, 2015 3:01 pm



Double columns at middle of the QTA on the north side
Tuesday, January 20th, 2015 3:22 pm



Column rebar
Tuesday, January 20th, 2015 3:28 pm



Tying rebar for the QTA footings
Tuesday, January 20th, 2015 3:28 pm



Column rebar cage being dropped in
Tuesday, January 20th, 2015 3:28 pm



Columns and Cranes
Thursday, January 22nd, 2015 8:33 am



Column cages increasing
Thursday, January 22nd, 2015 8:34 am



More columns and cranes
Thursday, January 22nd, 2015 8:34 am



Trenching down to the oil water separator
Thursday, January 22nd, 2015 8:38 am



Tie-beam rebar
Thursday, January 22nd, 2015 8:57 am



Grounding copper & lightning protection conduit
Thursday, January 22nd, 2015 11:50 am



Columns and Tower
Thursday, January 22nd, 2015 11:51 am



Pumping for footings
Thursday, January 22nd, 2015 11:53 am



Placing concrete for footings and tie-beams
Thursday, January 22nd, 2015 12:04 pm



Mud from the holes for the stone columns
Friday, January 23rd, 2015 2:16 pm



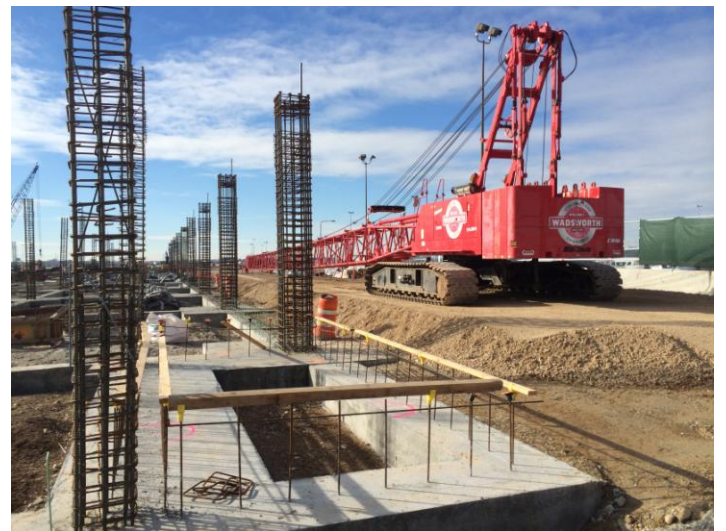
Trenching down to the oil water separator
Thursday, January 22nd, 2015 8:38 am



Coming back up
Friday, January 23rd, 2015 2:25 pm



Storm drain at southeast corner
Friday, January 23rd, 2015 2:16 pm



End of the week
Friday, January 23rd, 2015 2:28 pm



From the southwest
Tuesday, January 27th, 2015 9:34 am



Stone column cranes ready for demobilization
Tuesday, January 27th, 2015 4:43 pm



Dismantling begins
Tuesday, January 27th, 2015 4:44 pm



Cranes coming apart
Tuesday, January 27th, 2015 4:44 pm



Formwork and rebar continues for footings and tie-beams
Monday, January 26th, 2015 10:39 am



Formwork for base of east QTA ramp
Wednesday, January 28th, 2015 9:59 am



Column form
Tuesday, January 27th, 2015 4:29 pm



Column formwork in place
Tuesday, January 27th, 2015 4:33 pm



QTA overall site – Stone column cranes on the west half, footings and tie-beams starting from northeast corner
Thursday, January 15th, 2015



Frost and cold weather protection for footings
Thursday, January 29th, 2015 3:43 pm



First columns poured and wrapped
Thursday, January 29th, 2015 3:41 pm



Footings along "D" line
Wednesday, January 28th, 2015 9:24 am



Footings along "A" line – North wall of QTA
Wednesday, January 28th, 2015 9:22 am



Rough electrical and plumbing at RSS A
Wednesday, January 28th, 2015 9:43 am



Electrical feeder lines for RSS A
Wednesday, January 28th, 2015 9:42 am



Site storm drain work continues
Tuesday, January 27th, 2015 9:30 am



Storm drain work south of RSS buildings
Wednesday, January 28th, 2015 9:41 am



Electrical vault installed for QTA East Electrical Room
Thursday, January 29th, 2015 3:43 pm



Storm drain line for trench drains at southmost bay of QTA
Tuesday, January 27th, 2015 9:37 am



Storm drain and trench drain lines at northwest quadrant of QTA
Thursday, January 29th, 2015 3:36 pm



QTA site from construction trailers
Tuesday, January 27th, 2015 9:22 am