



Stud Caddy Summary

MACHINE

SC-26-0002

JOB

I-376 Parkway East - Commercial
Street Bridge Replacement

CONTRACTOR

Structural Services Inc. Bethlehem,
PA

DATE RANGE

Mar 30 – Apr 28

OVERALL METRICS

Total studs shot

17,791

Total active hours

32h 9m

Best daily stud total

3,343

Apr 27

Average studs / day

1,977

Peak studs / hr rate (total)

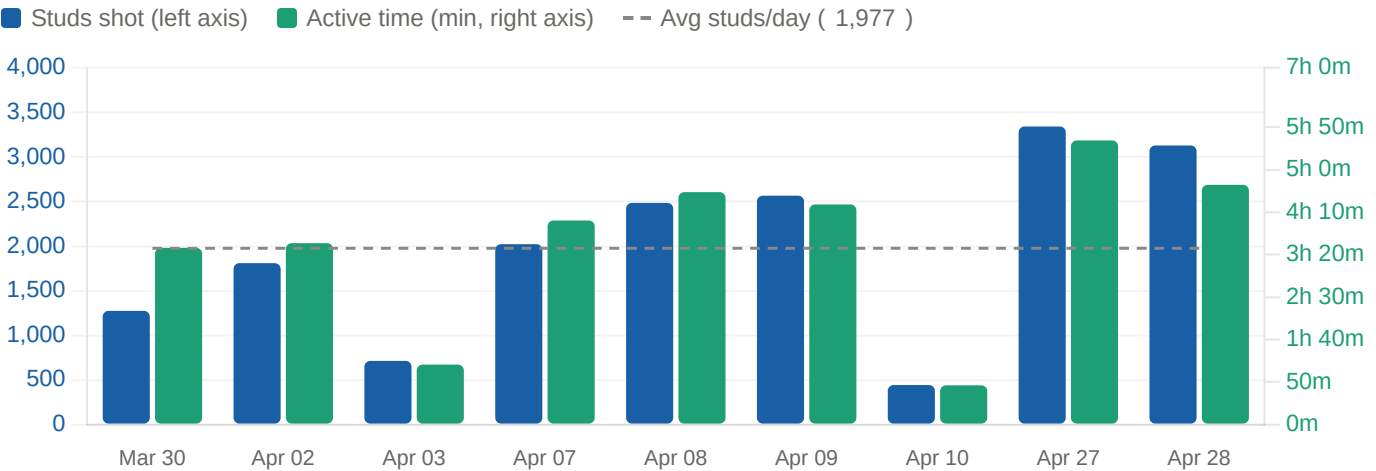
824/hr

Apr 09, Seg 3

Average studs / hr rate (total)

553/hr

DAY-BY-DAY — STUDS SHOT & ACTIVE TIME



DAY-BY-DAY BREAKDOWN

DATE	SESSION	ACTIVE TIME	TOTAL STUDS SHOT	AVG RATE	PEAK RATE
Mar 30	12:04 PM – 4:50 PM (4h 45m)	3h 28m	1,275	368/hr	552/hr
Apr 02	8:39 AM – 4:51 PM (8h 12m)	3h 34m	1,810	508/hr	780/hr
Apr 03	9:51 AM – 11:37 AM (1h 46m)	1h 11m	714	607/hr	676/hr
Apr 07	8:30 AM – 3:21 PM (6h 51m)	4h 0m	2,023	505/hr	685/hr
Apr 08	8:03 AM – 4:57 PM (8h 54m)	4h 34m	2,486	545/hr	798/hr
Apr 09	8:07 AM – 4:57 PM (8h 50m)	4h 19m	2,567	594/hr	824/hr
Apr 10	7:21 AM – 8:14 AM (52m)	46m	443	575/hr	650/hr
Apr 27	9:44 AM – 4:24 PM (6h 40m)	5h 35m	3,343	599/hr	750/hr
Apr 28	7:27 AM – 1:38 PM (6h 11m)	4h 42m	3,130	665/hr	728/hr
9-day total / avg		32h 9m	17,791	553/hr	824/hr

Session duration = first stud shot to last stud shot. Active time = back-to-back studs within 2 min of each other (2-min gap threshold).

DAY-BY-DAY SEGMENT BREAKDOWN

Date	Segment	Time	Duration	Studs	Rate/hr
MAR 30					
Mar 30	1	12:04 PM – 12:26 PM	22m	87	236/hr
Mar 30	2	12:30 PM – 1:33 PM	1h 3m	378	360/hr
Mar 30	3	1:41 PM – 2:42 PM	1h 1m	354	351/hr
Mar 30	4	3:01 PM – 3:50 PM	49m	300	369/hr
Mar 30	5	4:03 PM – 4:16 PM	13m	156	714/hr
APR 02					
Apr 02	1	8:39 AM – 8:46 AM	7m	52	450/hr
Apr 02	2	8:48 AM – 9:11 AM	23m	192	505/hr
Apr 02	3	9:18 AM – 9:36 AM	18m	142	484/hr
Apr 02	4	9:41 AM – 10:05 AM	24m	204	508/hr
Apr 02	5	10:21 AM – 10:40 AM	19m	128	406/hr
Apr 02	6	10:56 AM – 11:22 AM	26m	184	425/hr
Apr 02	7	1:17 PM – 1:51 PM	34m	251	449/hr

Date	Segment	Time	Duration	Studs	Rate/hr
Apr 02	8	2:07 PM – 2:32 PM	25m	279	659/hr
Apr 02	9	2:54 PM – 3:33 PM	38m	248	387/hr
Apr 02	10	4:00 PM – 4:14 PM	14m	130	570/hr
APR 03					
Apr 03	1	9:51 AM – 10:04 AM	13m	73	342/hr
Apr 03	2	10:10 AM – 10:44 AM	34m	304	536/hr
Apr 03	3	10:49 AM – 11:03 AM	14m	131	554/hr
Apr 03	4	11:22 AM – 11:28 AM	6m	61	610/hr
APR 07					
Apr 07	1	8:30 AM – 8:42 AM	12m	57	285/hr
Apr 07	2	8:47 AM – 9:00 AM	13m	97	455/hr
Apr 07	3	9:08 AM – 9:14 AM	6m	46	484/hr
Apr 07	4	10:45 AM – 11:14 AM	29m	156	319/hr
Apr 07	5	11:19 AM – 11:30 AM	11m	92	484/hr
Apr 07	6	11:43 AM – 11:57 AM	14m	161	685/hr
Apr 07	7	12:07 PM – 12:26 PM	18m	145	475/hr
Apr 07	8	12:39 PM – 12:56 PM	17m	153	546/hr
Apr 07	9	1:14 PM – 1:27 PM	13m	121	550/hr
Apr 07	10	1:31 PM – 1:47 PM	16m	161	592/hr
Apr 07	11	1:58 PM – 2:14 PM	16m	148	566/hr
Apr 07	12	2:31 PM – 3:21 PM	50m	486	586/hr
APR 08					
Apr 08	1	8:03 AM – 8:43 AM	39m	330	504/hr
Apr 08	2	9:43 AM – 10:28 AM	46m	448	590/hr
Apr 08	3	11:24 AM – 12:02 PM	38m	340	536/hr
Apr 08	4	12:58 PM – 1:06 PM	8m	86	638/hr
Apr 08	5	1:21 PM – 2:08 PM	47m	392	497/hr
Apr 08	6	2:14 PM – 2:47 PM	33m	247	446/hr
Apr 08	7	3:03 PM – 3:23 PM	20m	201	603/hr
Apr 08	8	3:52 PM – 4:23 PM	31m	263	507/hr
Apr 08	9	4:46 PM – 4:57 PM	11m	145	798/hr

Date	Segment	Time	Duration	Studs	Rate/hr
APR 09					
Apr 09	1	8:07 AM – 8:10 AM	3m	23	464/hr
Apr 09	2	8:15 AM – 8:43 AM	27m	267	585/hr
Apr 09	3	9:41 AM – 9:48 AM	7m	96	824/hr
Apr 09	4	10:57 AM – 11:34 AM	38m	363	576/hr
Apr 09	5	11:46 AM – 11:54 AM	7m	83	671/hr
Apr 09	6	12:46 PM – 12:50 PM	3m	47	819/hr
Apr 09	7	1:09 PM – 1:21 PM	12m	123	588/hr
Apr 09	8	1:30 PM – 2:02 PM	32m	238	449/hr
Apr 09	9	2:27 PM – 2:42 PM	15m	181	704/hr
Apr 09	10	2:54 PM – 3:07 PM	14m	174	765/hr
Apr 09	11	3:17 PM – 4:57 PM	1h 40m	960	578/hr
APR 10					
Apr 10	1	7:21 AM – 7:57 AM	36m	348	580/hr
Apr 10	2	8:02 AM – 8:13 AM	11m	95	543/hr
APR 27					
Apr 27	1	9:44 AM – 11:57 AM	2h 13m	1,208	545/hr
Apr 27	2	12:44 PM – 1:03 PM	20m	216	658/hr
Apr 27	3	1:08 PM – 2:06 PM	57m	616	644/hr
Apr 27	4	2:13 PM – 2:44 PM	31m	386	750/hr
Apr 27	5	2:50 PM – 4:24 PM	1h 34m	917	587/hr
APR 28					
Apr 28	1	7:48 AM – 8:27 AM	39m	417	646/hr
Apr 28	2	8:41 AM – 9:25 AM	44m	441	602/hr
Apr 28	3	9:31 AM – 9:33 AM	2m	28	714/hr
Apr 28	4	9:58 AM – 11:19 AM	1h 21m	887	661/hr
Apr 28	5	11:25 AM – 12:40 PM	1h 15m	910	728/hr
Apr 28	6	12:46 PM – 1:00 PM	14m	141	621/hr
Apr 28	7	1:10 PM – 1:38 PM	28m	305	651/hr

Color coding: ≥700/hr ≥560/hr ≥450/hr <450/hr · Other = segments with fewer than 5 studs, combined into one row per day (included in all totals).